

# 2011 MY P415 Powertrain Claims

PROBABLE / SUSPECT ROOT CAUSE	STATUS	VIN	Root Cause	ICA	PCA	ASSY PLANT	PROD DATE	MILEAGE	TOTAL COST	TECH COMMENTS 1	CUSTOMER COMMENTS	
DIAG - MISFIRE	N/A	1FTFW1ET6BF				AF	15-Feb-11	549	\$109.62	IDS TESTS PP TESTS IGN SYS CK TEST DRIVE TRUCK PID DATA LOG TEST DROVE 34 MILES LOGGING FUEL MILEAGE & SEARCHING FOR ANY DRIVABILITY ISSUES CONTACT HOTLINE TEST COILS UNABLE TO DUPLICATE CODES P0304&	CHECK ENGINE LIGHT IS ON AND RUNS ROUGH	1
DIAG - MISFIRE	N/A	1FTFW1ET6BF				AF	21-Mar-11	1356	\$57.87	ROAD TEST DID NOT VARIFY,IDS DIAG KOEO,KOEC,KOER ALL PASSED CODES,CHECK MODE 6,NO PROBLEMS FOUND,DATA LOGGER & POWER BALANCE ALL OK,CONTACT HOT LINE (#104521610)TESTED PURGE & EVAP VENT VALVE & DID EVAP TEST ALL PASSED,PER HOT LINE,ROAD TEST WITH CUSTEMER,NO PROBLEMS FOUND AT THIS TIME.	CUST STATES ENG STARTED TO MISS SEVERELY,CK ENG LMP STARTED TO FLASH,SHE PULLED VEH OVER&LET IDLE,THEN ENG RAN FINE REST OF TRIP.	1
DIAG - MISFIRE	N/A	1FTFW1ET0BF				AF	29-Mar-11	5	\$40.90	PERFORM EEC DIAG AND TESTS, CHECK MODE 6 DATA AND PCM DATA. NO CODES. RUNNING GOOD AT THIS TIME. WILL NEED SOME TIME TO LEARN IDLE STRATEGYS	SEE CUSTOMER CONCERN 1 CUSTOMER STATES THAT THE ENGINE IS RUNNING ROUGH ON A COLD START PLEASE CHECK AND ADVISE	1
DIAG - MISFIRE	N/A	1FTFW1ET4BF				AF	13-Jan-11	3971	\$40.28	EEC TEST CODE P0306 MEMORY ONLY PINPOINT TEST ALL OK AT THIS TIME, ROAD TEST SEVERAL TIMES AND MONITORED PIDS ALL OK. UNABLE TO DUPLICATE AT THIS TIME	STATES DRIVING ON HIGHWAY, CHECK ENGINE CAME ON AND STARTED RUNNING POORLY HOT ODOR.ADVISE	1
DIAG - MISFIRE	N/A	1FTFW1ET5BF				AF	14-Jan-11	915	\$91.82	ROAD TESTED HOIST INSPECTION SCANED FOR CODES AND FOUND CODE P0305;PIN POINT TEST AND TESTED IGNITION SYSTEM CHECKED (5 COIL AND PLUG AND FOUND NORMALINSPECTED FOR WATER AND FOUND NONE;CHECKED FORD SITE OASIS FOR ANY TSB AND FOUND NONE; REPROGRAMED PCM TO LATEST CALIBRATION;VEHICLE IS RUNNING AT NORMAL OPERATON AT THIS TIME >	CHECK ENGINE LIGHT TROUBLES >	1
DIAG - MISFIRE	N/A	1FTFW1ET1BF				AF	23-Feb-11	2905	\$18.49	INSTALL IDS AND CK FOR CODES NO CODES GO TO MODE 6 AND CK HISTORY NO PROBLEM FOUND ROAD TEST	C S VEHICLE RUNS ROUGH AND SEEMS TO MISFIRE	1
DIAG - MISFIRE	N/A	1FTFW1ET3BF				AF	21-Mar-11	1873	\$34.95	ROAD TEST UDC TEST EEC ALL PASS CODES. REPROGRAM PCM TO LASTEST CALIBRATION. REROAD TEST MONITOR PIDS	CUSTOMER STATED THE CHECK ENGINE LIGHT WAS FLASHING AND THE ENGINE WOULD NOT ACCELERATE.ACTED AS IF THERE WAS A REV LIMITER.AFTER DRIVING ABOUT 50MILES THE LIGHT QUIT FLASHING.	1
DIAG - MISFIRE	N/A	1FTFW1ET0BF				AF	12-Jan-11	4421	\$131.30	WE VERIFIED THE CHECK ENGINE LIGHT IS ON. WE RAN SELF TESTS AND RECEIVED CODE P0306. WE RAN POWER BALANCE TEST, MONITORED PIDS, ROAD TESTED AND MONITORED PIDS, PERFORMED A COIL DRIVER TEST, AND COULD NOT ISOLATE FAULT. CONTACTED THE TECHNICAL SERVICE CENTER THE SAID TO SWAP PLUG AND COIL FROM CYLINDER SIX WITH A KNOWN GOOD CYLINDER. WE DID AND DROVE VEHICLE OVER 40 MILES AND COULD NOT	CUST STATES CELL LIGHT ON, WHILE TRAVELING ON THE HIGHWAY AND ACCEL TO PASS (UNDER LOAD) THE VEH HAD A LOSS OF POWER AND HESITATED, THE CEL FLASHED AT THIS POINT, IT HAPPENED AGAIN UNDER	1

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DIAG - MISFIRE	N/A	1FTFW1ET9BF				AF	28-Mar-11	2089	\$34.95	ROAD TEST NO MISFIRE FELT TESTED EEC PASS PROGRAMMED PCM TO LATEST LEVEL WAS NO HISTORY OF MISFIRE IN MODE 6	721 CUSTOMER STATES THAT WHEN HE WAS COMING BACK FROM ST. LOUIS YESTERDAY THE VEHICLE SEEMED TO MISS OUT AT TIMES WHILE DRIVING DOWN INTERSTATE	1
DIAG - MISFIRE	N/A	1FTFX1ET3BF				AF	11-Feb-11	1414	\$28.24	VERIFIER CODE AVEC IDS, CODE P0306, MIS FIRE CYL 6, VERIF IER FONCTIONNEMT DU COIL AVEC TESTER OK DEMONTER ET VERIFIER LA BOUGIE OK, INTERCHANGER COIL AVEC CYL 5 POUR TEST, EFFACER FAUTE, A REVOIR SIREVIENT	ANOMALIE DU TEMOIN CHECK ENGINE ALLUME VERFIER CODE NGS LUMIERE FLASCHE TOURNE MAL	1
DIAG - MISFIRE	N/A	1FTFX1ET9BF				AF	24-Feb-11	2652	\$13.65	VERIFIER CODE AUCUN ESSAI ROUTIER POUR ESSAYER DE REPRODUIRE LA PLAINTTE DU CLIENT IMPOSSIBLE. PROBLEME DU CLIENT NON PRESENT.	EN ROULANT SUR AUTOROUTE TEMOIN MOTEUR FLASH ET MOTEUR COUPE.(D50)	1
DIAG - MISFIRE	N/A	1FTFW1ET6BF				AF	15-Feb-11	1380	\$104.75	RUN EEC TEST RUN PP TEST DO POWER BALANCE RUN IGNIIGNITION TEST MONITOR PIDS ROAD TST MONITOR PERFORMED INTERMITT FAULT TEST CHECK CILS AND PLUGCYLINDER 5	WAS GETTING HIGHWAY ACCELERATED ENGINE LIGHT CAME ON AND WAS FLASHING VEHICLE STARTED SHAKING AND WOULD NOT GET UP TO SPEED	1
DIAG - MISFIRE	N/A	1FTFW1ET0BF				AF	4-Mar-11	3587	\$52.28	ROAD TESTED COULD NOT VERIFY CONCERN EEC TEST POWER BALANCE CK PIDS ON RAOD TEST UNABLE TO DUPLICATE	CUSTOMER STATES CHECK ENGINE LIGHTT	1
DIAG - MISFIRE	N/A	1FTFW1ET2BF				AF	19-Jan-11	3630	\$14.60	CHECKED FOR DTC FOUND NONE CHECKED FOR TSB FOUND NOTHING RELATED TO CUSTOMER CONCERN COULD NOT DUPLICATE CUSTOMER CONCERN	CUSTOMER STATES CHECK ENGINE LIGHT CAME ON, VEHICLE HAD NO POWER, WOULD NOT UPSHIFT.	1
DIAG - MISFIRE	N/A	1FTFW1ET4BK				AJ	26-Mar-11	1108	\$59.82	VERIFIED CONCERN. CHECK FOR CODES NONE FOUND. PERFORM POWER BALANCE TEST NO FAULT. TEST DRIVE WHILE MONITORING PID DATA NO ABNORMAL CONDITIONS. COULD NOT DUPLICATE CUSTOMERS CONCERN.	CUSTOMER STATES WHEN PASSING RPMS AT 5500 TO 5600 CLUSTER LIGHT STARTS FLASHING AND FEELD LIKE ENGINE IS MISS FIRING.	1
DIAG - MISFIRE	N/A	1FTFW1ETXBK				AJ	16-Feb-11	2332	\$33.64	NO PROBLEM FOUND COULD NOT VERIFY NO CHECK ENGINE LIGHT ON PERFORM EEC TEST NO CODES PERFORM PID DATA MONITOR ROADTES NO MISFIRE ALL GOOD	CUSTOMER STATES TRUCK IS RUNNING ROUGH CHECK ENGINE LIGHT ON	1
DIAG - MISFIRE	N/A	1FTFW1CT9BF				AF	18-Jan-11	1105	\$35.53	NOT ABLE TO VERIFY CONCERN OF A MISFIRE AT IDLE OR WHILE DRIVING AT HIGHWAY SPEEDS. SELF TEST WITH MIL OFF, C P1111. MODE 6 DATA WITH NO MISFIRE HISTORY. OASIS WITH TSB 11.04.13 AND PERFORMED WITH A PCM RECAL TO BL3A AVD COMPLETE	C S THE ENGINE FEELS LIKE IT HAS A MISS IN IT AT IDLE AND WHILE DRIVING AT HIGHWAY SPEEDS	1
DIAG - MISFIRE	N/A	1FTFW1ET8BF				AF	16-Jan-11	6134	\$27.76	TEST DROVE.P0300,CK POER BALANCE,OK.NO SOLID MISS.WROTE TECH HOTLINE.RECOMMENDED TO CLER CODE AND LET CUSTOMER DRIVE TO SEE IF REAPPEARS.CLEAR CODES,TEST DROVE,OK.	CS CHECK ENG LAMP ON	1

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DIAG - MISFIRE	N/A	1FTFX1CT8BK				AJ	21-Feb-11	895	\$46.17	EEC TEST KOEO PASS KOEC P0301 KOER PASS TEST DROVE WHILE MONITORING MISSFIRE TEST NO COUNTS SENT HOTLINE REQUEST AND THEY SAID REMOVE #1 PLUG AND COIL AND SWAP WITH ANOTHER CYL SWAPPED WITH #2 NEEDS TEST DROVE TO REPRODUCE CONCERN SHOP FOREMAN TEST DROVE AT HIGHWAY SPEEDS WHILE MISFIRE MONITOR WAS DISPLAYED. PERFORMED OVER 40 FULL THROTTLE	CUSTOMER STATES CHECK ENGINE LT CAME ON AND FLASHED WHILE PASSING A SEMI ENGINE CUT OUT AND MISSED AND LACKED POWER.
DIAG - MISFIRE	N/A	1FTFX1ET4BF				AF	18-Jan-11	4440	\$119.00	CHECKED FOR CODES SYSTEM PASSED ,CHECKED MODE 6 DATA NOTHING FOUND ,ROADTEST COULDN'T VERIFY CONCERN E MAILED HOTLINE AND THEY SAID TO CHECK FOR BRKOVDR PID, AND DIST BROKOVDR PIDS OK ROADTEST AND RECHECKED FOR CODES SYSTEM PASSED NEED TO DIVE AND TRY TO DUPLICATE CONCERN ,CUSTOMER DECLINED AT THIS TIME ENDING MILES 4450	CUSTOMER STATES THAT WHEN DRIVING THE VEHICLE AT HIGHWAY SPEEDS THAT CHECK ENGINE LIGHT CAME ON AND VEHICLE RUN ROUGH WAS NOT ABLE TO GET ABOVE 35MPH, THEN DROVE 2.3 MILES AND LIGHT WENT
DIAG - MISFIRE	N/A	1FTFW1ET5BF				AF	14-Feb-11	5239	\$20.19	LAMP NOT ILLUMINATED AT TIME OF TESTING. EEC TEST PASS. PERFORMED EXTENDED ROAD TEST (LAMP DID NOT FLASH OR ILLUMINATE AT TIME OF TESTING).	PERFORM QUICK TEST FOR CEL ENGINE STUMBLER AND CEL FLASHED IN THE RAIN
DIAG - MISFIRE	N/A	1FTFW1ET2BF				AF	23-Mar-11	2948	\$54.68	CHECK FOR CONCERN LOSS OF POWER CHECK ENGINE LIGHT FLASHING. CHECK MODE 6 DATA. NO MISFIRE DATA. PERFORM SELF TEST. SYSTEM PASS. NO MEMORY CODES. CHECK OASIS/TSBS. PERFORM A VISUAL UNDERHOOD INSPECTION NO CONCERNS FOUND.	PULLING TRAILER FROM TORONTO ENGINE LIGHT STARTED FLASHING/MISSING BADLY. STOPPED TRUCK/SHUT OFF TRUCK FOR 2 MINUTES/TURNED BACK ON WAS OK. WANTS TRUCK CHECKED OVER HAS ANOTHER TRIP PULLING TRAILER
DIAG - MISFIRE	N/A	1FTFW1ET1BF				AF	12-Jan-11	2145	\$15.72	SCANNED DTCS NONE TEST DROVE NO PROBLEMS FOUND AT THIS TIME	CUSTOMER STATES FILLED TANK MADE IT 3 MILES UP LEW HILL STARTED RUNNING BAD AND VIBRATING CK LIGHT CAME ON
FUEL INJECTOR	Submitted expedite ship 3/18/11. Injector, o-ring kit, tube, and spark plug tagged 3/17/11. Part returned 3/22/11. Part given to Masood Ahmed 3/22/11.	1FTFW1ET2BF				AF	18-Jan-11	21	\$547.79	VERIFIED CONCERN, ROAD TEST, ENGINE HAS MISFIRE. RAN EEC & PWR BALANCE. CODES P0306 AND P0006. CYLINDER 6 MISFIRE. REMOVED #6 SPARK PLUG FOUND GAS ON PLUG. PERFORMED MANUAL FUEL PRESSURE TEST. DOES NOT HOLD PRESSURE. DISCONNECTED FUEL INJ FROM PCM. STILL LEAKS. LOOKED IN #6 CYL W/BOROSCOPE FOUND INJ DRIPPING GAS. NEED TO REPLACE #6 INJ. NO LABOR OPS FOUND FOR INJECTORS, MANIFOLDSETC. MT TIME FOR FOL	CUSTOMER STATES ENGINE SEEMS TO MISFIRE,CHECK ENGINE LIGHT ON

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FUEL INJECTOR	Submitted expedite ship 5/5/11.	1FTFW1ET4BF				AF	21-Feb-11	400	\$593.36	VER. & CONF. PLAINE LUMIERE CHECK ENGINE ALLUMEE,IDS CODE P0303,ALLER OASIS RIEN,INTERCHANGER COIL ET BOUGIE AVEC UN AUTRE CYL.TOUJOURS MEME PROBLEME,VER.AUCUNE PERTE DE VACUUM DETECTOR,PRIS COMPRESSION MECANIQUE EGALE A 150PSI,FAIT COMPRESSION RELATIVE OK TOUS LES CYL.FAIT PINPOINT HD 1 2 3 4 5 6 7 APPELER TECHLINE REPONSE REMPLACER INJECTEUR CYL.#3 COMMANDER PIECES J.M.DEPOSE DE L INTAKE ET DE T	D41, VERIFIER MOTEUR MANQUE, COUPE, A DES RATES	1
FUEL INJECTOR	Submitted expedite ship 5/18/11. Part tagged 5/19/11 # 0246355347.	1FTFW1ET9BF				AF	19-Apr-11	5	\$586.44	#4 COILS,STILL #4 MISS,REMOVED INTAKE MANIFLD REMOVED LEFT FUEL RAIL TO ACCESS AND REPLACE #4 FUEL INJECTOR,REPLACED #5 AND #6 INJECTOR O RINGS,REINSTALL FUEL RAIL AND INTAKE, REPLACED HIGH PRESSURE FUEL LINE,CHANGE OIL AND FILTER DUE TO FUEL CONTAMINATION,CLEAR CODES AND ROAD TEST GOOD	CK, MISSES/CK. ENGINE LIGHT IS ON ON PDI TEST EEC SYSTEM,RETRIVED CODES,P0304 KOEC P0304 KOER,PERFORMED POWER BALANCE TEST VERIFIED CYLINDER #4 MISFIRE,SWAPPED #1 AND	1
FUEL INJECTOR	Submitted expedite ship 5/20/11.	1FTFW1ET5BF				AF	21-Apr-11	6	\$490.90	VERIFIED MIL ON & RUNNING ROUGH PERFORM SELF TEST P0305 0316 PINPOINT TESTR HD1Y,HD2N,HD3N,HD4N, HD5N,HD6N,JB1Y,JB2N,JB3YJB4Y,JB8Y,JB12Y, JB13Y,JB14N,JB15Y,HD7Y,HC1N,HC3 CONTACTED HOTLINE CK COMPRESSION ON 5 CYL 125 PSI FRP1406.5 WAS CONTACTED BY FORD ENGINEER & FSE CAME TO DIAGNOSE FOUND 5 INJECTOR BAD REPLACED 5 INJECTOR & RELATED PARTS VERIFIED REPAIR	DURING TEST DRIVE THE SES LIGHT CAME ON AND VEH STARTED RUNNING ROUGH	1
FUEL INJECTOR	Submitted expedite ship 5/24/11.	1FTFX1ET7BF				AF	28-Mar-11	532	\$938.51	IDS HOOK UP,P00C6,P0302.FRP LOW,CYL#2 MISFIRE,PP TEST DD.MONITORED FRP AND FRP DESIRED.FRP 60PSI AND DESIRED 280PSI.CYL#2 IS DEAD AND CAN SMELL FUEL FROM EXH.IDS DOESNT HAVE INJECTION FLOW TEST.SUSP INJ#2 STUCK OPEN.REMV INTAKE AND #2 INJECTOR INDEED STUCK.INJ SEALS ON BACKORDER,WSM SAYS TO REPL THEM.REPLACED ALL 6 INJECTORS,INTAKE GASKTS.#2SPARK PLUG,CHNG OIL AN FILTER,SELFTTEST,PASS.RDTEST.OK.MT	MIL ON JERKING AND BUCKING LIMPED VEHICLE HERE CK AND ADVISE	1
FUEL INJECTOR	Submitted expedite ship 5/25/11.	1FTFW1ET7BF				AF	12-Apr-11	3	\$674.86	VERIFEID CONCERN, RAN OASIS, PERFORMED VISUAL INSPECTION, RAN SELF TEST, PERFORMED ROAD TEST, CHECKED PID DATA, FOUND CODES P00C6 P0303 P0316 P2196, CONTACTED HOTLINE, REMOVED COIL AND PLU REMOVED INTAKE AND FUEL RAILS, REPLACED #3 INJECTOR, TOPPED OFF COOLANT, VERIFIED PROPER OPERATION, CLEARED CODES RE ROAD TESTED	CUST STATES VEHICLE RUNS VERY ROUGH	1

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FUEL INJECTOR	Submitted expedite ship 0/1/11.	1FTFW1CT2BF				AF	2-Mar-11	150	\$599.32	REMOVED FUEL RAILS. USED SPECIAL INJECTOR PULLER TO REMOVE #0 FUEL INJECTOR. INSTALLED NEW FUEL INJECTOR. REPLACED INTAKE GASKETS. CLEARED CODES. DID MISSFIRE MONITOR CRANKSHAFT PROFILE RELEARN PROCED	REPAIR CHECK ENGINE LIGHT IS ON, ENGINE SHAKES AND RUNS ROUGH	1
GROUND G105	N/A	1FTFW1ET9BF				AF	16-Feb-11	82	\$75.07	VERIFY LIGHT ON P0354 0355 0356 2310 2313, PPT JF1Y JF4 Y 12.2 VOLTS JF5 N 3VOLTS FOUND GRD BOLT LO OSE, TIGHTENED AND CKLEAN GRD. RETEST	C.S. CEL LIGHT IS ON	7 1
GROUND G105	N/A	1FTFW1ET5BF				AF	4-Mar-11	27	\$180.33	VERIFIED CUSTOMER CONCERN. P0299,P2310,P2316. PERFORMED PIN POINT TESTS. REMOVED LEFT HAND COIL VANITY COVER. FOUND INTERMITTANT LOSS OF GROUND AT PIN 1 OF ALL 3 COILS ON ROAD TEST. MT TIME FOR ROAD TEST AND DIAGNOSTICS. REMOVED REMAINING VANITY COVERS TO ACCESS. FOUND GROUND G105 STUD NOT FULLY THREADED INTO CYL HEAD. REMOVED STUD AND FOUND ON 1/4 OF HOLE THREADED. TAPPED HOLE DEEPER TO ACCEPT BO	CUSTOMER STATES VEHICLE HAS NO POWER,DOES NOT RESPOND TO THROTTLE	1
GROUND G105	N/A	1FTFW1ET9BF				AF	11-Jan-11	2522	\$294.48	RAN EEC TEST, IGNITION TEST AND TRACE WIRING FOR BAD GROUND, TRACE GROUND AND REPAIR, RETEST POST REPAIR AND VEH OK	DIAG CHECK ENGINE LIGHT IS ON AND VEH RUNNING OK, SEE SHEET ATTACHED FOR CODES PULLED AT ANOTHER DEALER	1
HDR WHEEL	Parts hot processed 3/3/11. HDR wheel, rear seal retainer, and crank position sensor returned 3/10/11. Parts given to Al Cockerill 3/10/11. 2nd crank sensor returned 3/14/11. Part given to Al Cockerill 3/14/11.	1FTFW1ET4BF				AF	2-Feb-11	19	\$5,699.91	EEC P061C,PPT TEST QE.PID MON REC,PASS.FUEL PRESS 70 PSI,HI PRESS 1420 PSI,IGN SYS TEST,OK.(HTLN ID 104375943).INSTR TO REPL CR POS SNSR.R&I LH TURBO FOR ACCESS.ENG CRKS.NO START.R&I TURBO REPL SNSR 2 ND TIME PER FSE.PPT TEST A FOR CODE P0320.PPT TEST DR FOR P0344,P0349,P0369,P0394.REPL SNSR 3RD TIME PER FSE.HTLN INSTR TO OHM TEST CKTS VE711,RE405,LE423 FRM CKP TO PCM.INSTR TO REPL PCM FRM STK UNIT	D42 ENGINE HAS NO POWER ON ACCEL & SEEMS TO KICK BACK WHEN LETTING OFF ACCELERATOR (STOCK UNIT)	3 1
HDR WHEEL	Submitted expedite ship 4/19/11. HDR Wheel & crank sensor tagged 4/20/11 #s 0245344020 & 0245344019. Parts returned 4/27/11. Parts given to George Reno 4/27/11.	1FTFX1ET8BF				AF	15-Mar-11	56	\$1,123.38	NOTE TRUCK HAD TO BE TOWED 2 TIMES	VEHICLE LOST POWER WOULD NOT GO OVER 20 MPH	1

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HDR WHEEL	Submitted expedite ship 4/29/11.	1FTFX1CT7BF				AF	5-Feb-11	5275	\$586.80	VERIFIED CONCERN.CHECKED OASIS NO INFO FOR CONCERN.PERFORMED KOEO,P0320.PERFORMED PINPOINT TESTS,A1 Y ES,A2 NO,JD1 YES,TESTS INCONCLUSIVE.CALLED TECH LI NE,WAS ADVISED TO REPLACE CKP SENSOR,TRIGGER WHEEL AND SENSOR HOUSING AS PER PREVIOUS REPORTS WITH THIS CONCERN.REMOVED TRANSMISSION,FLYWHEEL,TRIGGER WHEEL,SENSOR AND HOUSING.PERFORMED MISFIRE MONITOR NEUTRAL PROFILE CORRECTION PROCEDURE.ROAD TES	CUSTOMER STATES CHECK ENGINE LIGHT IS ON AND ITS I N LIMP MODE	1
SPARK PLUG FOULING	Submitted expedite ship 3/16/11. Two spark plugs tagged 3/17/11 #s 0244392080 & 0244392092.	1FTFW1ET8BF				AF	22-Jan-11	6	\$218.83	PERFORMED EEC TESTS, IGNITION TESTS,POWER BALANCE AND REPLACED LUGS 3 4 AND CLEAN ALL PLUGS 1,2,5,6. RETEST MISS IS NOW GONE. CLEARED THE CODES AND RETESTED ALL CLEAR NOW MT1240SAT USED SLTS TIMES FOR A 2010 AS THERE IS NO TIMES FOR A 2011	REPAIR FOR THE VEHICLE IS RUNNING ROUGH WHEN DRIVING	3 1
SPARK PLUGS	Submitted expedite ship 4/5/11. Part tagged 4/6/11 # 0244972608. Part returned 4/14/11. Part given to Jim Gibboney 4/14/11.	1FTFW1CTXB				AF	11-Feb-11	1842	\$86.97	ROADTEST VEHICLE AND PERFORM ELECTR ENGINEDIAG DUE TO SHUDDER FEELING ON ACCELL. SELF TEST PCM P1111 PASS CODE. INSPECT MODE 6 DATA AND FOUND CYL 6 8 MISFIRE EVENTS RECORDED. PERFORM POWER BALANCE TEST,PERFORM IGN COIL STRESS TEST AND IGN SYSTEM TESTS. SWAP CYL 6 IGN COIL AND SPARK PLUG WITH CYLS 4 AND 5. FOUND MISFIRE STAYED WITH SPARK PLUG IN CYL 4. REPLACE SPARK PLUG AND RETEST OK, NO LBR	CUST STS UPON MEDIUM ACCEL TRANS SHUDDERS, CUST STS ISSUE HAPPENS MAINLY IN LOWER GEARS AND WHEN VEH IS HOT	1
SPARK PLUGS	Submitted expedite ship 4/15/11. Part tagged 4/18/11 # 0245281174. Part returned 4/20/11. Part given to Jim Gibboney 4/20/11.	1FTFW1ET3BF				AF	13-Feb-11	2804	\$463.39	ROAD TESTED, IDS TEST, CODE P0306, POWER BALANCE + SPARK DURATION TEST, CALLED HOTLINE, R&R ENGINE COVER SWAPPED NO.8 COIL+PLUG WITH NO.1 CYLINDER, REROAD TESTED, RESWAP NO.1 COIL+PLUG BACK, REPLACED DEFECTIVE NO.8 PLUG, REROAD TESTED, FINAL TEST, PASSED. (USED M TIME TO REPLACE SPARK PLUG AND TO R&R ENGINE COVER NO LABOR OPS FOR THE YEAR 2011)	WHEN ACCELERATING TO PASS A VEHICLE, VEHICLE HESITATED AND CHECK ENGINE LIGHT CAME ON	1
SPARK PLUGS	Submitted expedite ship 4/21/11. Part tagged 4/22/11 # 0245431354. Part returned 4/26/11. Part given to Jim Gibboney 4/26/11.	1FTFX1ET5BF				AF	9-Mar-11	1386	\$140.03	1386 VERIFIED CONCERN CHECKED FOR CODES RETREVED CODE P0302 RAN OASIS FOR CONCERN NOTHING FOUND WENT TO PCED AND TO TEST HD FOLLOWED TEST HD 1 6 THIS SENT ME TI TEST JC PERFORMED TEST JC1 16 FOUND PLUG BAD ALSO FOUND COIL HAS INTERMENT SHORT ORDRED NEW COIL AND PLUG R+R PLUG AND COIL CLEARED CODE AND TEST DROVE AND VERIFIED REPAIR MILES IN 1386 MILES OUT 1412	CUSTOMER STATES AT 40MPH THAT TRUCK SHACKS AND WILL NOT ACCELERATE AND CHECK ENGINE LIGHT WOULD FLASH, NOW ENGINE LIGHT IS STAYING ON	1

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SPARK PLUGS	Submitted expedite ship 5/3/11.	1FTFX1ET4BF				AF	8-Mar-11	124	\$212.84	EEC DIAGNOSIS, PINPOINT TEST, PID MONITOR ROADTEST, POWER BALANCE, MT12405 USED TO REPLACE #6 SPARKPLUG (MISSFIRE) NO LABOUR OPERATION FOR THIS PROCEDURE, RETEST, POSTROADTEST	ENGINE LIGHT IS ON + RUNNING ROUGH	1
SPARK PLUGS	Submitted expedite ship 5/11/11. Part tagged 5/12/11 # 0246085332.	1FTFW1ET7BF				AF	13-Mar-11	557	\$143.02	VERIFY CONCERN/EEC TEST,PID MONITOR,CHECK OASISCHECK FUEL PRESSURE/TEST ON COL D START/HAD SLIGHT STUMBLE 1 TIME/CYL#1 SHOWED LESS CONTRIBUTATION/SWAP COILS ON CYL #1 @ #2/REPLACE CYL#1 PLUG/RETEST OK	PULLING TRAILER UP GRADE/HIGHER RPM NOISE AND QUIVER ENGINE LAMP ON AND FLASHING	1
SPARK PLUGS	Submitted expedite ship 5/13/11.	1FTFX1ETXBF				AF	15-Feb-11	12	\$110.52	20 12650D,12650D45,12650D47,12405A 110 SCANTEST CODE P0304 PERFORMED A POWER BALANCE FOUND #4 MISFIRING UNDER HEAVY LOAD INSPECTED THE COIL FOUND NO FAULT INSPECTED THE PLUG FOUND THE PLUG HAS ALL THE PORCELAIN ON THE PLUG HAS BROKEN OFF AND IS SITTING IN THE PLUG WELL BLEW THE WELL OUT AND REMOVED AND REPLACED THE PLUG CLEARED CODES AND RETESTED	RUNNING ROUGH ON ACCEL AND THE ENGINE LIGHT IS FLASHING	1
SPARK PLUGS	Submitted expedite ship 5/25/11.	1FTFW1ETXBF				AF	10-Jan-11	3601	\$45.19	#1 CYLINDER FOUND MISFIRE FOLLOWED SPARK PLUG AT FAULT INSTALL NEW SPARK PLUG CLEARED CODES TEST DROVE OPERATING CORRECTLY AFTER REPAIR	CHECK ENGINE LIGHT ON HAS A MISS USING SCAN TOOL FOUND P0316 MISFIRE DETECTED ON STARTUP PERFORMPOWER BALANCED TEST FOUND #4 CYLINDER DOWN MOVED #4 SPARK PLUG TO	1
SPARK PLUGS	Submitted expedite ship 5/31/11.	1FTFW1ET7BF				AF	10-Apr-11	848	\$159.02	1365 150 SELF TEST PCM HAVE DTC P0306 IN MEMORY PPT HD STEP HD6 HAD ME GO TO PPT JB STEP JB12 ON PPT FOUND A FAULT WITH CYLINDER 6 SPARK PLUG REPLACED PLUG AND RE TEST OK12650D 0.2HRS12650DX1 0.1HR S12650D45 0.3HRS12650D55 0.3HRS A T OF 0.3HRS TO PERFORM MULTIPLE PPTA T OF 0.3HRS TO REPLACE FAULTY PLUG	PLEASE CHECK AND ADVISE FOR LOSS OF POWER, ROUGH RUN, ENGINE LIGHT CAME ON, HAD TO LIMP IT HERE BUT NOW ENGINE LIGHT IS OFF	1

9

NOTE: 14 Engines NOT Included in Totals  
(Information Only)

---

**From:** Ng, Paul (P.K.)  
**Sent:** Thursday, July 19, 2012 11:44 AM  
**To:** McDonagh, Scot (S.M.)  
**Cc:** Dixon, Mark (M.R.); Kramer, Michael (M.T.); Steslicki, Michael (M.E.); Nowaczyk, Rick (R.J.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)  
**Attachments:** TSB 12-6-4.xls

Scot,

There are 580 VINs as of yesterday that have went through TSB 12-6-4. 57 of the VINs have subsequent repairs to fix similar symptoms (CCCs and/or DTCs). The calculated effective for the TSB is 90% provided that the repeat repairs were valid.

Paul

**From:** McDonagh, Scot (S.M.)  
**Sent:** Wednesday, July 18, 2012 12:56 PM  
**To:** Ng, Paul (P.K.)  
**Cc:** Dixon, Mark (M.R.); Kramer, Michael (M.T.); Steslicki, Michael (M.E.); Nowaczyk, Rick (R.J.)  
**Subject:** FW: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)

How many AWS claims to date for TSB 12-06-04 ? Original estimate was 60% effective repair rate for CAC Deflector. Would like to know % based on TSB usage with 12 vehicles unresolved. Thanks

OPERATION	DESCRIPTION	TIME
120604A	2011-2012 F-150 3.5L GTDI: Check DTCs, Install CAC Air Deflector Plate if Necessary And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.5 Hr.
120604B	2011-2012 F-150 3.5L GTDI: Check DTCs, Replace The Left Catalytic Converter, Install CAC Air Deflector Plate if Necessary And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	1.0 Hr.

Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

**From:** Nowaczyk, Rick (R.J.)  
**Sent:** Wednesday, July 18, 2012 12:12 PM  
**To:** McDonagh, Scot (S.M.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)

Looks like...

7 reports for vehicle built after the cutoff date

4-5 reports for vehicles still having the concern after the TSB was performed.

11-12 Total...



**From:** McDonagh, Scot (S.M.)  
**Sent:** Wednesday, July 18, 2012 10:59 AM  
**To:** Nowaczyk, Rick (R.J.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)

What is total count for vehicles not fixed with Deflector ?

Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

**From:** Nowaczyk, Rick (R.J.)  
**Sent:** Wednesday, July 18, 2012 10:20 AM  
**To:** Madej, Jeanette (J.); McDonagh, Scot (S.M.); Kramer, Michael (M.T.); Ladd, John (J.R.); Sowards, John (J.)  
**Cc:** Chatfield, David (D.); Ricks, Kevin (K.J.); Dobbs, Dan (K.D.); Oyafuso, Kevin (K.G.); Smith, Craig (C.A.); Dixon, Mark (M.R.); Sparks, Douglas (D.S.); Mazuchowski, James (J.A.); Nowaczyk, Rick (R.J.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)  
**Importance:** High

Jeanette,  
Any updates on this per your comment below?

**From:** Madej, Jeanette (J.)  
**Sent:** Friday, July 13, 2012 2:57 PM  
**To:** McDonagh, Scot (S.M.); Nowaczyk, Rick (R.J.); Kramer, Michael (M.T.); Ladd, John (J.R.); Sowards, John (J.)  
**Cc:** Chatfield, David (D.); Ricks, Kevin (K.J.); Dobbs, Dan (K.D.); Oyafuso, Kevin (K.G.); Smith, Craig (C.A.); Dixon, Mark (M.R.); Sparks, Douglas (D.S.); Mazuchowski, James (J.A.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)

We will discuss on Monday and get back to you

**From:** McDonagh, Scot (S.M.)  
**Sent:** Wednesday, July 11, 2012 7:53 AM  
**To:** Nowaczyk, Rick (R.J.); Kramer, Michael (M.T.); Ladd, John (J.R.); Sowards, John (J.)  
**Cc:** Chatfield, David (D.); Ricks, Kevin (K.J.); Dobbs, Dan (K.D.); Oyafuso, Kevin (K.G.); Smith, Craig (C.A.); Dixon, Mark (M.R.); Madej, Jeanette (J.); Sparks, Douglas (D.S.); Mazuchowski, James (J.A.)  
**Subject:** RE: 2012 F-150 3.5l GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)

Thanks Rick- It is my understanding the Deflector is ICA for CAC condensate Misfire. Will ask PT Cooling for update on PCA Service proposals.

Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

**From:** Nowaczyk, Rick (R.J.)  
**Sent:** Tuesday, July 10, 2012 4:42 PM  
**To:** McDonagh, Scot (S.M.); Oyafuso, Kevin (K.G.); Smith, Craig (C.A.); McDonagh, Scot (S.M.); Dixon, Mark (M.R.)  
**Cc:** Chatfield, David (D.); Ricks, Kevin (K.J.); Dobbs, Dan (K.D.); Nowaczyk, Rick (R.J.)  
**Subject:** 2012 F-150 3.5L GTDI Continued aft Misfire TSB (CQIS Report#CGJCV013)  
**Importance:** High

Powertrain Team,  
 Here is another case were the dealer performed the TSB for the misfire and the customer still experienced the condition when raining. The issue in this case this customer appears to have purchased 13 trucks for their company. If this TSB is going to be the final fix, we may need to look at communication to the field that if condition are right this concern may still occur.

Thanks....

**From:** [DCHATFIE@ford.com](mailto:DCHATFIE@ford.com) [mailto:DCHATFIE@ford.com]  
**Sent:** Tuesday, July 10, 2012 4:05 PM  
**To:** Nowaczyk, Rick (R.J.)  
**Cc:** Chatfield, David (D.)  
**Subject:** Report Summary for the CQIS Report#CGJCV013

2012 misfire under load, tsb performed. Location Memphis, Tn.

**Attachments :** 0

<b>Report# :</b>	CGJCV013 NHL	<b>Received:</b>	07/10/2012
<b>CCRG/EPRC:</b>	<b>Reviewed Status:</b>	<b>Date:</b>	
<b>Vehicle:</b>	2012,F150 4X4 ,F150 ,SUP CRW,STYSD 1FTFW1ET0CF [REDACTED]	<b>Build Date:</b>	01/21/2012
<b>Odometer :</b>	8,386 M	<b>Engine:</b>	3.5L-GTDL
<b>Transmission:</b>	6R80E	<b>Axle:</b>	3.73 LOCK
<b>Dealer:</b>	USA 06422 Butch Oustalet, Inc.	<b>Calibration:</b>	CF613C0A
<b>City:</b>	Gulfport	<b>A/C:</b>	YES
<b>Originator:</b>	BEN PRIESTER	<b>Phone#:</b>	(228) 863-5525
<b>Symptom:</b>	5 50 2 39 DRV PERF,RUNS ROUGH,ACCEL,INTERMITTENT	<b>Country :</b>	USA
<b>Status:</b>			
<b>VFG:</b>	V52 DRIVEABILITY		
<b>Additional Symptom:</b>	BUCKS AND JERKS WHEN RAINING		
<b>Fix:</b>	<b>Causal Component :</b>		
<b>Condition Code:</b>			

<b>Hotliner:</b> DCHATFIE	<b>Phone:</b> 313 317-6315	<b>Regn Cd:</b> C3 Memphis
<b>Engineering:</b>	<b>Phone:</b>	<b>TAR:</b>
<b>Dir Contact:</b> BEN PRIESTER	<b>Phone:</b> 000 000-0000	<b>Title Cde:</b> OT

**DTCs:**

**KOEO:**

**KOEC:**

**KOER:**

**Comments**

:

**REPAIR** 07/10/2012 03:58PM DAVID CHATFIELD MSS - FCSD - TECH SVC HOTLINE  
WEB FORM DATA - CONCERN:CUST WAS DRIVING HIS TRUCK IN THE RAIN AND IT  
STARTED BUCKING AND JERKING DIAGNOSTICS: RUN DIAGNOSIS NO CODES WE  
HAXE ALREADY DONE TSB 12-6-4 LAST REPAI PARTS REPLACED:NONE TECH  
QUESTION:THIS TRUCK CONTINUES TO HAVE PROBLEM WHEN DRIVING IN THE  
RAIN. HAVE HAD IN THE SHOP 3 TIMES BEFORE. DONT KNOW WERE TO GO WITH  
IT. THIS CUST OWN A COMPANY THAT BOUGHT 13 TRUCKS FROM US LAST YEAR  
AND I VE GOT TO FIND A SOLUTION. ARE THER ANY LATER UPDATES OR  
SUGGESTIONS FOR THIS

**RECOMM** 07/10/2012 03:58PM DAVID CHATFIELD MSS - FCSD - TECH SVC HOTLINE  
BEN, DUE TO THE EFFICIENCY OF THE CHARGE AIR COOLER, THERE MAY BE  
SOME CONDITIONS WHERE SOME CONDENSATION BUILDS IN THE CAC, EVEN  
WITH  
THE CAC SHIELD IN PLACE AND IS INJECTED INTO THE ENGINE. VERY WET OR  
EXTREMELY HUMID CONDITIONS MAY ENHANCE THIS CONCERN. THE SHIELD  
WAS  
DESIGNED TO HELP WITH LESS CONDENSATION BUILD UP, BUT DUE TO HUMID  
CONDITIONS AND COMPRESSED AIR IN THE CAC, THIS WILL NOT TOTALLY  
ELIMINATE THE CONDENSATION FROM FORMING UNDER THESE CONDITIONS. AT  
THIS TIME, IF WATER HAS BEEN VERIFIED IN THE CAC, AIS AND AROUND THE  
THROTTLE BODY, CLEAN THE WATER AS BEST AS POSSIBLE AND INFORM THE  
CUSTOMER OF THE DESIGN OF THE SYSTEM AND THE POSSIBLY OF  
CONDENSATION  
BUILD-UP UNDER THESE CONDITIONS.

	A	B	C	D	E	F
1	Claims	637			Report Information for Result ID 22074633:	
2	VINs	580			Status=Finished	
3	Repeat Repair	57			Request Name=zzzz TSB 12-6-4	
4	Repeat Repair Rate	10%			Description=	
5	TSB 12-6-4 Effectiveness	90%			Run Date and Time=18 Jul 2012 14.05	
6					Completion Date and Time=18 Jul 2012 14.07	
7					Job Size=297.56	
8					Execution Time=1	
9					Precalc Processing=	
10					Cut Off Date=30 Jun 2012	
11					Load Date=17 Jul 2012	
12					Currency Exchange=v10	
13					Generated By=PNG	
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15						
16					Data Selection Criteria:	
17					Model Year=2012, 2011	
18					Cost Category = All Veh Coverages/Contractual[1,%]	
19					Region Built = North America[NA]	
20					Veh Line AWS = F Series P221[F6], Lincoln Mark LT[LP]	
21					Engine = 3.5L V6 Gas DOHC TiVCT[T/KW]	
22					Production Date <= 24-MAY-2012	
23					Labor Operation Code = [120604A,%], [120604B,%]	
24						
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26						
27					Report Selection Criteria:	
28					Report Name=Standard Claims List	
29					Model Year=2012, 2011	
30					Destination=DB	
31					CSV Name=CLMLS633	
32					Order By=VIN	
33					Maximum Claims=Unlimited	
34					Logic=Corporate	
35					Tis Claims=ALL	
36					Claims With Comments=ALL	
37					Requested Currency=USD	
38					Reported Currency=USD	
39					Requested Distance=Miles	
40					Reported Distance=Miles	
41					Descriptions=Yes	
42					Default Claims (no Date Filters)=Up to current load date	
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1	Report Information for Result ID 22074637:
2	Status=Finished
3	Request Name=zzzz TSB 12-6-4 b
4	Description=
5	Run Date and Time=18 Jul 2012 15.22
6	Completion Date and Time=18 Jul 2012 15.24
7	Job Size=12.34
8	Execution Time=1
9	Precalc Processing=
10	Cut Off Date=30 Jun 2012
11	Load Date=17 Jul 2012
12	Currency Exchange=v10
13	Generated By=PNG
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16	Data Selection Criteria:
17	Model Year=2011
18	Cost Category = All Veh Coverages Contractual[1,%]
19	Region Built = North America[NA]
20	Veh Line AWS = F Series P221[F6], Lincoln Mark LT[LP]
21	Engine = 3.5L V6 Gas DOHC TiVCT[T,KW]
22	VIN = 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BI [REDACTED] 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BKE [REDACTED] 1FTFW1CT1BF [REDACTED] 1FTFW1CT2BF [REDACTED] 1FTFW1CT2BI [REDACTED] 1FTFW1CT2BKE [REDACTED]
23	Claim Key <> 3 [REDACTED]
24	Mileage > 332
25	Repair Date > 27-Apr-2012
26	DTC Type = KCEC
27	DTC = [P0301,%,%], [P0302,%,%], [P0303,%,%], [P0304,%,%], [P0305,%,%], [P0306,%,%], [P0430,%,%], [P0299,%,%]
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30	Report Selection Criteria:
31	Report Name=Standard Claims List
32	Model Year=2011
33	Destination=DB
34	CSV Name=CLML5637
35	Order By=VIN
36	Maximum Claims=Unlimited
37	Logic=Corporate
38	Tis Claims=ALL
39	Claims With Comments=ALL
40	Requested Currency=USD
41	Reported Currency=USD
42	Requested Distance=Miles
43	Reported Distance=Miles
44	Descriptions=Yes
45	Default Claims (no Date Filters)=Up to current load date

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1	Report Information for Result ID 22074638:
2	Status=Finished
3	Request Name=zzzz TSB 12-6-4 b
4	Description=
5	Run Date and Time=18 Jul 2012 15.52
6	Completion Date and Time=18 Jul 2012 15.53
7	Job Size=14.74
8	Execution Time=0
9	Precalc Processing=
10	Cut Off Date=30 Jun 2012
11	Load Date=17 Jul 2012
12	Currency Exchange=v10
13	Generated By=PNG
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16	Data Selection Criteria:
17	Model Year=2012
18	Cost Category = All Veh Coverages Contractual[1,%]
19	Region Built = North America[NA]
20	Veh Line AWS = F Series P221[F6], Lincoln Mark LT[LP]
21	Engine = 3.5L V6 Gas DOHC TiVCT[T,KW]
22	VIN = 1FTFW1CT0C [REDACTED] 1FTFW1CT1CF [REDACTED] 1FTFW1CT1CK [REDACTED] 1FTFW1CT2CF [REDACTED] 1FTFW1CT2CK [REDACTED] 1FTFW1CT2CK [REDACTED] 1FTFW1CT3CF [REDACTED] 1FTFW1CT3CF [REDACTED] 1FTFW
23	Claim Key <> [REDACTED]
24	Mileage > 6
25	Repair Date > 07-May-2012
26	DTC Type = KGECC
27	DTC = [P0301,%,%], [P0302,%,%], [P0303,%,%], [P0304,%,%], [P0305,%,%], [P0306,%,%], [P0430,%,%], [P0299,%,%]
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30	Report Selection Criteria:
31	Report Name=Standard Claims List
32	Model Year=2012
33	Destination=DB
34	CSV Name=CLML.S638
35	Order By=VIN
36	Maximum Claims=Unlimited
37	Logic=Corporate
38	Tis Claims=ALL
39	Claims With Comments=ALL
40	Requested Currency=USD
41	Reported Currency=USD
42	Requested Distance=Miles
43	Reported Distance=Miles
44	Descriptions=Yes
45	Default Claims (no Date Filters)=Up to current load date

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1	Report Information for Result ID 22074636:
2	Status=Finished
3	Request Name=zzzz TSB 12-6-4 b
4	Description=
5	Run Date and Time=18 Jul 2012 15.10
6	Completion Date and Time=18 Jul 2012 15.12
7	Job Size=144.53
8	Execution Time=1
9	Precalc Processing=
10	Cut Off Date=30 Jun 2012
11	Load Date=17 Jul 2012
12	Currency Exchange=v10
13	Generated By=PNG
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16	Data Selection Criteria:
17	Model Year=2011
18	Cost Category = All Veh Coverages Contractual[1.%]
19	Region Built = North America[NA]
20	Veh Line AWS = F Series P221[F6], Lincoln Mark LT[LP]
21	Engine = 3.5L V6 Gas DOHC TVCT[TKW]
22	VIN = 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BF [REDACTED] 1FTFW1CT0BK [REDACTED] 1FTFW1CT1BI [REDACTED] 1FTFW1CT2BI [REDACTED] 1FTFW1CT2BI [REDACTED] 1FTFW1CT2BI [REDACTED] 1FTFW1CT2BI [REDACTED]
23	Claim Key < [REDACTED]
24	Mileage > 332
25	Repair Date > 27-Apr-2012
26	CCC = [C27.%, [D02.%, [D03.%, [D10.%, [D11.%, [D13.%, [D21.%, [D35.%, [D36.%, [D37.%, [D41.%, [D42.%, [D50.%, [D53.%, [E29.%, [E30.%, [E40.%, [E43.%, [G32.%, [K03.%, [N11.%, [N12.%, [N13.%, [N14.%, [N15.%, [N16.%, [N17.%, [N18.%, [N19.%, [N20.%, [N21.%, [N22.%, [N23.%, [N24.%, [N25.%, [N26.%, [N27.%, [N28.%, [N29.%, [N30.%, [N31.%, [N32.%, [N33.%, [N34.%, [N35.%, [N36.%, [N37.%, [N38.%, [N39.%, [N40.%, [N41.%, [N42.%, [N43.%, [N44.%, [N45.%, [N46.%, [N47.%, [N48.%, [N49.%, [N50.%, [N51.%, [N52.%, [N53.%, [N54.%, [N55.%, [N56.%, [N57.%, [N58.%, [N59.%, [N60.%, [N61.%, [N62.%, [N63.%, [N64.%, [N65.%, [N66.%, [N67.%, [N68.%, [N69.%, [N70.%, [N71.%, [N72.%, [N73.%, [N74.%, [N75.%, [N76.%, [N77.%, [N78.%, [N79.%, [N80.%, [N81.%, [N82.%, [N83.%, [N84.%, [N85.%, [N86.%, [N87.%, [N88.%, [N89.%, [N90.%, [N91.%, [N92.%, [N93.%, [N94.%, [N95.%, [N96.%, [N97.%, [N98.%, [N99.%, [N100.%]
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29	Report Selection Criteria:
30	Report Name=Standard Claims List
31	Model Year=2011
32	Destination=DB
33	CSV Name=CLMLS636
34	Order By=VIN
35	Maximum Claims=Unlimited
36	Logic=Corporate
37	Tis Claims=ALL
38	Claims With Comments=ALL
39	Requested Currency=USD
40	Reported Currency=USD
41	Requested Distance=Miles
42	Reported Distance=Miles
43	Descriptions=Yes
44	Default Claims (no Date Filters)=Up to current load date
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1	Report Information for Result ID 22074639:
2	Status=Finished
3	Request Name=zzzz TSB 12-6-4 b
4	Description=
5	Run Date and Time=18 Jul 2012 15.55
6	Completion Date and Time=18 Jul 2012 15.55
7	Job Size=30.86
8	Execution Time=0
9	Precalc Processing=
10	Cut Off Date=30 Jun 2012
11	Load Date=17 Jul 2012
12	Currency Exchange=v10
13	Generated By=PNG
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16	Data Selection Criteria:
17	Model Year=2012
18	Cost Category = All Veh Coverages Contractual[1.%]
19	Region Built = North America[NA]
20	Veh Line AWS = F Series P221[F6], Lincoln Mark LT[LP]
21	Engine = 3.5L V6 Gas DOHC TiVCT[T/KW]
22	VIN = 1FTFW1CT0CK [REDACTED] 1FTFW1CT1CF [REDACTED] 1FTFW1CT1CK [REDACTED] 1FTFW1CT2CF [REDACTED] 1FTFW1CT2CK [REDACTED] 1FTFW1CT2CK [REDACTED] 1FTFW1CT3CF [REDACTED] 1FTFW1CT3CF [REDACTED] 1FTFW
23	Claim Key < [REDACTED]
24	Mileage > 6
25	Repair Date > 07-May-2012
26	CCC = [C27.%, [D02.%, [D03.%, [D10.%, [D11.%, [D13.%, [D21.%, [D35.%, [D36.%, [D37.%, [D41.%, [D42.%, [D50.%, [D53.%, [E29.%, [E30.%, [E40.%, [E43.%, [G32.%, [K03.%, [N11.%, [N12.%,
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29	Report Selection Criteria:
30	Report Name=Standard Claims List
31	Model Year=2012
32	Destination=DB
33	CSV Name=CLMLS639
34	Order By=VIN
35	Maximum Claims=Unlimited
36	Logic=Corporate
37	Tis Claims=ALL
38	Claims With Comments=ALL
39	Requested Currency=USD
40	Reported Currency=USD
41	Requested Distance=Miles
42	Reported Distance=Miles
43	Descriptions=Yes
44	Default Claims (no Date Filters)=Up to current load date
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1	Seq	MY	VIN	Veh Line	Body Style	Drive	Transmission	Plant	Prod Date	Warr Date	Repair Date	Mileage	TIS	Claim Key
2		2011	IFTFW1CT0BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/14/11	07/30/11	06/18/12	35,726	11	4035174
3		2011	IFTFW1CT0BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/21/11	11/23/11	06/15/12	9,925	7	4016366
4		2011	IFTFW1CT0BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/20/11	06/16/11	06/27/12	16,840	13	4147670
5		2011	IFTFW1CT0BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/23/11	03/16/12	06/20/12	10,481	4	4067521
6		2011	IFTFW1CT0BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/12/11	10/07/11	06/20/12	11,773	9	4121337
7		2011	IFTFW1CT1BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/16/11	08/20/11	06/22/12	16,750	11	4099082
8	1	2011	IFTFW1CT2BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/10/11	02/23/11	06/15/12	26,662	16	4016733
9	2	2011	IFTFW1CT2BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/10/11	02/23/11	06/15/12	26,662	16	4016734
10		2011	IFTFW1CT2BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/11/11	08/24/11	06/14/12	13,821	10	4064988
11	1	2011	IFTFW1CT2BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/20/11	02/15/12	06/13/12	5,551	4	3986451
12	2	2011	IFTFW1CT2BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/20/11	02/15/12	06/19/12	5,671	5	4168517
13		2011	IFTFW1CT3BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/23/11	05/07/11	06/27/12	30,498	14	4134618
14		2011	IFTFW1CT3BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/07/11	06/26/11	05/22/12	35,903	12	3901374
15		2011	IFTFW1CT3BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/06/11	11/01/11	06/16/12	13,072	8	4037406
16		2011	IFTFW1CT3BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/22/11	11/11/11	06/22/12	4,892	8	4120611
17		2011	IFTFW1CT4BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/06/11	09/23/11	06/28/12	7,582	10	4168779
18		2011	IFTFW1CT4BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/28/11	09/12/11	06/18/12	21,462	10	4053641
19		2011	IFTFW1CT5BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/16/11	06/16/11	06/11/12	33,722	13	3955937
20		2011	IFTFW1CT5BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/13/11	07/25/11	06/25/12	20,575	12	4096867
21	1	2011	IFTFW1CT5BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/28/11	04/25/12	06/02/12	2,022	2	4148819
22	2	2011	IFTFW1CT5BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/28/11	04/25/12	06/26/12	2,102	3	4306911
23		2011	IFTFW1CT5BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/23/11	04/02/11	06/07/12	26,456	15	3982283
24		2011	IFTFW1CT5BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/20/11	10/15/11	06/20/12	15,198	9	4049580
25	1	2011	IFTFW1CT5BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/25/11	09/10/11	06/13/12	14,334	10	4115981
26	2	2011	IFTFW1CT5BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/25/11	09/10/11	06/13/12	14,334	10	4115982
27		2011	IFTFW1CT6BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/01/11	04/02/11	06/16/12	20,643	15	4163842
28		2011	IFTFW1CT6BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/14/11	05/25/11	06/12/12	13,561	13	3996301
29		2011	IFTFW1CT6BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/25/11	07/21/11	06/11/12	46,192	11	4113790
30		2011	IFTFW1CT7BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/17/11	08/01/11	06/25/12	27,747	11	4136215
31		2011	IFTFW1CT7BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/27/11	06/25/11	06/15/12	18,954	12	4070718
32		2011	IFTFW1CT8BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/18/11	12/29/11	06/26/12	11,983	7	4147423
33		2011	IFTFW1CT8BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/22/11	06/30/12	06/15/12	332	0	4068725
34		2011	IFTFW1CT8BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/25/11	09/19/11	06/12/12	20,020	9	3996256
35		2011	IFTFW1CT9BF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/03/11	09/09/11	06/07/12	7,288	10	3953580
36		2011	IFTFW1CT9BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/04/11	06/11/11	06/05/12	30,984	13	4099955
37	1	2011	IFTFW1CT9BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/03/11	01/11/12	06/23/12	8,030	6	4132183
38	2	2011	IFTFW1CT9BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/03/11	01/11/12	06/23/12	8,030	6	4132184
39		2011	IFTFW1CT9BK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/21/11	01/31/12	06/07/12	6,645	5	4014718
40		2011	IFTFW1CTXBF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/19/11	02/21/11	04/27/12	42,471	15	4134825
41		2011	IFTFW1CTXBF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/18/11	04/11/11	06/18/12	13,618	15	4167196
42		2011	IFTFW1CTXBF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/15/11	05/31/11	06/18/12	25,742	13	4099932
43		2011	IFTFW1ET0BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/19/11	04/22/11	06/11/12	35,986	14	3953936
44		2011	IFTFW1ET0BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/21/11	07/15/11	06/08/12	17,942	11	4147323
45		2011	IFTFW1ET0BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/10/11	05/31/11	06/11/12	10,470	13	4102986
46		2011	IFTFW1ET0BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/11/11	06/08/11	06/12/12	15,075	13	4013244
47		2011	IFTFW1ET0BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/10/11	05/13/11	06/14/12	23,043	14	4016809

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1	VFG	CCC
2	V48 - Auto Trans	P68 - Trans Shifts Rough or Jerky from Park
3	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
4	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
5	V40 - Good Idle Quality	D13 - Engine Idles Rough
6	V29 - Check Engine Light	E29 - Check Engine Light Trouble
7	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
8	V29 - Check Engine Light	E29 - Check Engine Light Trouble
9	V52 - Driveability	D42 - Poor Performance/Lacks Power
10	V52 - Driveability	D42 - Poor Performance/Lacks Power
11	V52 - Driveability	D42 - Poor Performance/Lacks Power
12	V29 - Check Engine Light	E29 - Check Engine Light Trouble
13	V52 - Driveability	D42 - Poor Performance/Lacks Power
14	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
15	V52 - Driveability	D42 - Poor Performance/Lacks Power
16	V53 - Exhaust System Function	E43 - Exhaust System Rust/Corrosion/Appearance
17	V29 - Check Engine Light	E29 - Check Engine Light Trouble
18	V40 - Good Idle Quality	D11 - Engine Idles too Fast
19	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
20	V29 - Check Engine Light	E29 - Check Engine Light Trouble
21	V29 - Check Engine Light	E29 - Check Engine Light Trouble
22	V29 - Check Engine Light	E29 - Check Engine Light Trouble
23	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
24	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
25	V52 - Driveability	D42 - Poor Performance/Lacks Power
26	V52 - Driveability	D42 - Poor Performance/Lacks Power
27	V29 - Check Engine Light	E29 - Check Engine Light Trouble
28	V29 - Check Engine Light	E29 - Check Engine Light Trouble
29	V40 - Good Idle Quality	D13 - Engine Idles Rough
30	V29 - Check Engine Light	E29 - Check Engine Light Trouble
31	V29 - Check Engine Light	E29 - Check Engine Light Trouble
32	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
33	V52 - Driveability	D42 - Poor Performance/Lacks Power
34	V48 - Auto Trans	P59 - Other Auto Trans Troubles
35	V48 - Auto Trans	P59 - Other Auto Trans Troubles
36	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
37	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
38	V29 - Check Engine Light	E29 - Check Engine Light Trouble
39	V52 - Driveability	D42 - Poor Performance/Lacks Power
40	V52 - Driveability	D21 - Engine Stalls
41	V52 - Driveability	D03 - Engine Difficult or Slow to Start
42	V48 - Auto Trans	P59 - Other Auto Trans Troubles
43	V29 - Check Engine Light	E29 - Check Engine Light Trouble
44	V29 - Check Engine Light	E29 - Check Engine Light Trouble
45	V29 - Check Engine Light	E29 - Check Engine Light Trouble
46	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
47	V48 - Auto Trans	P59 - Other Auto Trans Troubles

1	Cust Comment
2	C/S VEH JERKS WHEN HOLDING STEADY AROUND 55 MPH UPHILL.
3	CUSTOMER STATES VEHICLE SURGES AT HWY SPEEDS
4	15 20 MPH WENT TO ACCEL HAD NO POWER VEHICLE THUNKED THE DID OK
5	CUST STATES THAT ENGINE IDLES ROUGH AT STOPS MOST TIMES
6	CUSTOMER STATES CHECK ENGINE LIGHT HAS COME ON and OFF SEVERAL TIMES OVER THE LAST 4 DAYS VEHICLE SEEMS TO SHIFT HARDER
7	TRANS FEELS LIKE IT IS SLIPPING ON ACCEL and DECEL AT TIMES SPEEDS BELOW
8	CUSTOMER STATES CHECK ENGINE LIGHT IS ON REPAIR SOP
9	CUSTOMER STATES MISS FIRE ON HARD ACCELL.
10	C/S INTERMITTENT THE ENGINE WILL LUNGE/SURGE LIKE ITS ACCELERATING ON ITS OWN,HAPPENS AT 15 25 MPH PARKING LOT OR SLOW TRAFFIC SPEEDS ADVISE INPUT ADVISE
11	CHECK FOR STALLING OUT WHEN TO A IDLE
12	CHECK ENGINE LIGHT ON
13	CUSTOMER STATES THAT THE ENGINE HESITATES and FEELS LIKE IT'S GOING TO CUT OFF WHILE DRIVING. NO CHECK ENGINE LIGHT. CHECK and ADVISE .
14	DRIVEABILITY CHECK ENGINE LIGHT ON
15	DRIVE EMIS ABS SRS CUSTOMER STATES ENGINE LACKS POWER and HESITATES ON ACCEL
16	CUSTOMER STATES THERE IS BLACK SMOKE COMING FROM THE EXHAUST UNDER ACCELERATION. NO CELS and SEEMS TO RUN FINE
17	CUSTOMER STATES,CHECK ENGINE LITE IS ON,TRUCK RUNS FINE AT THIS TIME
18	CUSTOMER STATES WHEN TAKING OFF FROM A STOPINTERMITTENTLY IDLE WILL SEEM HIGH LIKE THROTTLEIS STICKING and VEHICLE WILL TAKE OFF FASTER.
19	CUSTOMER STATES BUCKING ON ACCELERATION WORSE UPHILL
20	CHECK ENGINE LIGHT IS ON
21	CUST STATES VEH SURGES and CK ENGINE LAMP ON
22	CUST STATES CK ENG LAMP ON VEH SKIPS ON COLD STARTS
23	CUSTOMER STATES VEHICLE SURGES WHEN DRIVING UPHILL UNDER A SLIGHT LOAD AT 45 60 MPH
24	CUSTOMER STATES SHUDDER ON INCLINE BETWEEN 50 60 MPH. SPECIAL ORDER PART
25	CUSTOMER STATES ENGINE SEEMS TO HAVE SKIP MISFIRE AT 60 70MPH
26	CUSTOMER STATES ENGINE SEEMS TO HAVE SKIP MISFIRE AT 60 70MPH
27	CUSTOMER STATES CHECK ENGINE LIGHT ON WAS RUNNING A LITTLE ROUGH.
28	CUSTOMER STATES CHECK ENGINE LIGHT STAYS ON WHILE DRIVING. VEHICLE LOOSES POWER ON HARD ACCEL, SUCH AS WHEN PASSING
29	CONCERN FOR AT HWY SPEDS WITH CRUISE LOW RPMs VEH WILL SURGE
30	CUSTOMER STATES CHECK ENGINE LIGHT ON
31	CK ENG LITE ON LACKS POWER RUNS ROUGH AT TIMES FOUND INTERMIT STUMB
32	CUSTOMER STATES THAT THE TRUCK BANGS WHEN SHIFTING AT LOW SPEEDS
33	ENGINE RUNS ROUGH and VIBRATES WHEN FIRST STARTED COLD
34	CUSTOMER STATES ENGINE BOGGS DOWN WHEN GOING TO PASS INTERMITTANTLY CHECK and ADVISE HAS HAPPENED TWICE
35	C/S THE TRANS IS NOT SHIFT PROPERLY AT LOW SPEEDS
36	CUSTOMER STATES HAVING AN INTERMITTENT CHECK ENGINE LIGHT
37	CUST STATES ENGINE BOGS DOWN
38	CK ENG LIGHT IS ON
39	HESITATION AT TIMES and FEELS LIKE MISFIRES
40	C/S ENGINE STALLS OUL ON HARD ACCELERATION, SEE MATT OR KEVIN
41	CUSTOMER STATES TOOK 4 5 CRANKS TO START, THEN IT SEEMS LIKE ACCELATOR WAS STUCK DOWN
42	C/S THE TRANSMISSION IS NOT SHIFTING CORRECTLY WHEN SLOWING DOWN THERE IS A HARSH DOWNSHIFT CUST RECORDED INSTANCES WITH FLIGHT RECORDER ADVISE
43	CUSTOMER STATES CHECK ENGINE LIGHT ON RUNNING ROUGH
44	CHECK ENGINE LIGHT ON SEE TSB 12 6 4
45	CHECK ENGINE LIGHT IS ON
46	INSPECT FOR LACK OF POWER WHEN PASSING AT HIGHWAY SPEEDS
47	CUSTOMER STATES TRANSMISSION SHUTTERS WHILE CRUISING and ON TIP IN. CHECK and ADVISE. P09

## 1 Tech Comment

2	ROADTESTED VEHL CHECKED FOR DTC'S NO DT PRESENT INSPECTED TO DETERMINE IF AIR DEFLECTOR IS ATTACHED TO CAC. REFLASHED PCM PER TSB 12 06 04
3	PERFORMED TSB 12 6 4 ADD DEFLECTOR PLATE and REPROGRAM
4	INSPECT CHARGE AIR COOLER REPROGRAM PCM
5	ROADTESTED,IDS TESTED,PASSED,RAN OASIS,PERFORMED TSB 12 6 4 REPROGRAMED PCM
6	EEC TEST, CODE P0430 PRESENT, DEFLECTOR PRESENT, REPROGRAM PCM and REPLACE LH CAT CONVERTER PER TSB 12 6 4. CLEAR CODES, OK
7	PERFORM TSB 120604 NO CODES CAC DEFLECTOR IN PL ACE REPROGRAM PCM AS PER TSB
8	FP 6K775 CC 42 INSTALLED CAC AIR DEFLECTOR PLATE & REPROGRAMMED PCM AS PER TSB 12 06 04.
9	FP12029 CC42 PRIOR APPROVAL PAAXV EEC TEST P0301 IGNITION SYSTEMS TEST PASS. PID DATA ON TEST DRIVE DRIVE PASS POWER BALANCE and RELATIVE COMPRESSION SWAPPED COILS
10	VERIFY CONCERN. PERFORM VISUAL INSPECTION: NOTHING FOUND. PERFORM EEC SYSTEM TESTS: PASS. CHECK OASIS FOR TSBS and SSMS: FOUND TSB 12 06 04. PERFORM TSB 12 06 04 REPR
11	RAN SELF TEST and RECEIVED DTC P0430.FOLLOWED TSB 12 6 4 REPROGRAMMED PCM PER TSB 12 6 4 and RECHECKED
12	VERIFIED CONCERN RAN SELF TEST and RECEIVED DTC P0430.MONITORED PIDS and BANK 1 CONVERTER WAS NOT WORKING PROPERLY.FOLLOWED TSB 12 6 4
13	IDS DIAG, PERFORM TSB 12 6 4. INSTALL CAC DEFLECTOR and REPROGRAM PCM
14	EEC TEST P0430 PPT REPL LEFT CONV PER TSB 12 06 04
15	CHECK DTC'S REPROGRAM THE PCM PER RSB 12 6 4 CC 42 BASIC 6K775 TECH 4868616 OUT MILES 13073 OASIS 5542
16	PERFORMED TSB 120604A
17	DONE TEST EEC NO CODES MIL WAS NOT ON REPROGRAM PCM PER TSB 12 6 4
18	AFTER INNSPECTION, ALL OK NO CODES IN A NYMODULES,ROAD TEST and CONCERN NOT DUPLICATED, RUNOASIS and FOUND TSB 12 6 4 FOR THIS ISSUE, WENTAHEAD TO PERFORMED INSPEC
19	PERFORM EEC SELF TEST NO CODES RETRIEVED TEST DROVE 21 MILES MONITORING PIDS COULD NOT DUPLICATE CUSTOMER COMPLAINT FOUND TSB 12 06 04 DESCRIBING CONDITION AS C
20	CONFIRMED COMPLAINT. CONSULTED OASIS, FOUND TSB 12 6 04 ON CONCERN. INSTALLED DEFLECTOR PLATE ON CAC and REPROGRAMMED PCM. RECHECKED OKAY
21	VERIFIED CUSTOMER CONCERN FOUND DTC'S 031GS0303 SEARCHED TSB FOUND TSB 12 2 12 STATES REPROGRAM PCM TO LATEST CALIBRATIONS UPDATED PCM FROM BL3A 12A650 AXE TO
22	RAN EEC TEST P0316 P0303 REPLACED NUMBER 3 INJECTOR and RESEALED THE REST OF THE INJECTORS TEST DROVE ALL OK AT THIS TIME ACTUAL TIME WITH RICK HAMMER ON DIAG SW.
23	PERF TSB 120604 REPROGRAM PCM and INSTALL AIR DEFLECTOR
24	CONFIRMED CUST CONCERN, FOUND TSB 12 06 04, TEST, NO CODES INSTALL DEFLECTOR PLATE and REPROGRAM PCM.
25	CHECK EEC, INSTALL CAC AIR DEFLECTOR PLATE and CHECK PCM REPROGRAM PER TSB 12 06 04
26	TEST ENGINE CONTROL SYSTEM, TEST DRIVE, MONITOR PIDS, REPROGRAM PCM and REPLACE TURBOCHARGER VACUUM REGULATOR, INSPECT and CLEAN VACUUM TEE PER TSB 12 03 14
27	TECH 1011 VERIFIED CONCERN. CHECKED DTC'S and FOUND A P0430 CATALYST INEFFICIENCY. REPLACED THE CATALYST and INSTALLED THE AIR DAM PER TSB
28	PERF TSB 120604
29	ROADTEST VERIFIED CONCERN FOUND AT 70KM WITH CRUISE ON GOING UPHILL CHECKED OASIS FOUND TSB 12 6 4 JUST RELEASED IDS TEST PCM PASSED CHECKED BUILD DATE TSB APLIES
30	120604A . . EEC TEST, CODE P0299, PERFORM TSB 12 6 4. INSTALL AIR DEFLECTOR and REFLASH PCM WITH UPDATES.
31	STUMBLE/SURGE WHILE DRIVINH INSPECT DEFLECTOR THERE REPROGRAM DCAN RETEST OK AT THIS TIME
32	ROAD TEST TO VERIFY CUSTOMERS CONCERN HAS HESITATION, SURGE SEE TSB 12 06 04 NOT NECESSARY TO REPLACE PLATE REFLASH ONLY OPERATION 120604A PART 6K775A CODE 42
33	X IDS EEC TEST P0305 P0316 IDS POWER BALANCE ETST PPT REPROGRAM PCM PER TSB 120604
34	KOEO PASSED FOLLOWED TSB 12 06 04 PCM RECALIBRATED
35	VERIFY CONCERN PERFORMED TSB 120604A REPROGRAM PCM TO LATEST SPECS NOTE: PLEASE ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION
36	TSB 12 6 4 REPAIR PER TSB 12 6 4
37	PERFORMED TSB 12 06 04 FIRST STILL BOGS DOWN and CK ENG LIGHT IS ON
38	RAN OASIS PERF TSB REPROGRAMED PCM REPLACED #6 COP and ROAD TESTED OK NOW CLEARED CODES
39	VERIFIED CONCERN ON VEHICLE PERFORMED EEC QUICK TEST and FOUND RANDOM MISFIRE CODE P0305 and P0302 PERFORMED TSB 12 6 4 INSTALLED DEFLECTOR PLATE and REPROGRAMME
40	EEC TEST, PINPOINT TEST P0430, P0302 PERFORMED TSB 12 06 04, REPLACED BANK 2 CATALYST CONVERTOR. INSTALLED CAC AIR DEFLECTOR and PROGRAMMED PCM, PER TSB 12 06 04, RETE
41	TEST DROVE COULD NOT VERIFY CONCERN VEHICLE STARTS NORMALLY and NO DRIVEABILITY CONCERS RAN SELF TEST ON IDS PASS NO CODES, RAN DATA LOGGER, ALL PIDS IN SPEC CO
42	VERIFY CONCERN QUICK TEST NO CODES RUN OASIS FOU TSB 12 6 4 INSTALL CAC AIR DEFLECTOR PLATE REPROGRAM PCM ROAD TEST OK
43	CHECKED FOUND MISFIRE CODES P0300 P0306 TSB 12 6 4 PERFORMED TSB and REPROGRAMED TSB 12 6 4 PCM and INSPECTED CAC SHIELD NO OTHER CONCERN FOUND
44	RAN EEC TEST P0430 REPLACED LEFT CAT CONV INSTALLED DEFLECTOR PLATE and PROGRAM
45	EEC TEST P0340 PINPOINT PIDS PERFORMED TSB 12 06 0 4 REPLACED CATALYTIC CONVERTER CAC DEFLECTOR and R EPROGRAMED PCM ROAD TEST RETEST ALL PASS
46	IDS HOOK UP NO CODES, CHECK OASIS, PERFORMED TSB 12 06 04, CHECKED AIR DEFLECTOR, VEH IS EQUIPPED,REPROGRAMMED PCM TO LATEST LEVEL AS PER TSB.
47	CC 42 CP 6K775 OP CODE 120604A .5 MO 23046 ROAD TEST, EEC TEST NO CODES PRESENT, PERFORM TSB 12 6 4 CAC HAS AIR DEFLECTOR, REPROGRAM PCM.

	S	T	U	V	W	X	Y
1	VRT	WCC	Caus Part Pref	Caus Part Base	Caus Part Suf	CC	Lab Hr
2	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
3	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
4	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
5	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
6	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
7	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
8	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
9	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	0.7
10	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
11	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
12	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
13	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
14	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
15	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
16	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
17	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
18	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
19	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
20	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	4 - Software Revision, Flash Module	0.5
21	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
22	F04 - Powertrain	2E03 - Carburetor/EFI	BL3Z	9F593 - Injector Asy	B	63 - Weak/Soft/Sagged (Insufficient Pressure)	7.9
23	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
24	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
25	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
26	F04 - Powertrain	2D01 - Engine Control Actuators	BL3Z	9K378 - Solenoid-Turbo Cont	A	49 - Contaminated/Foreign	0.7
27	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
28	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
29	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
30	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
31	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
32	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
33	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
34	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
35	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
36	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
37	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
38	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	1.2
39	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
40	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
41	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
42	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
43	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
44	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
45	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
46	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
47	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
1	Labor Cost	Material	Total Cost	Doc#	Dealer Code	Dealer Name	Area Code	Phone	St	Country	Region	Sales Dealer	TXN Code	Country Sold	TIS Flag
2	\$46	\$0	\$46	17248402	3049	Munday Ford	512	3033000	TX	USA	NA	152732	S07	USA	
3	\$44	\$19	\$63	561202B	3582	Leith Ford	919	3668000	NC	USA	NA	121653	S07	USA	
4	\$45	\$0	\$45	501850A	978	Capital Ford, Inc.	919	7904600	NC	USA	NA	121019	S07	USA	@
5	\$45	\$0	\$45	67270905	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124408	S07	USA	@
6	\$100	\$314	\$414	214438B	7997	Mall of Georgia Ford	770	9324060	GA	USA	NA	121441	S07	USA	@
7	\$45	\$0	\$45	137962B	3829	Ennis Ford, Inc.	972	8759067	TX	USA	NA	152002	S07	USA	@
8	\$44	\$10	\$54	6880851	4154	Kisselback Ford	407	8922141	FL	USA	NA	124517	S07	USA	
9	\$62	\$64	\$126	6880852	4154	Kisselback Ford	407	8922141	FL	USA	NA	124517	S07	USA	
10	\$44	\$0	\$44	186611A	1015	Fort Mill Ford	803	5475454	SC	USA	NA	121279	S07	USA	@
11	\$43	\$0	\$43	4861003	6590	Marler Ford Company, LLC.	318	4437386	LA	USA	NA	123371	S07	USA	
12	\$86	\$308	\$394	4880101	6590	Marler Ford Company, LLC.	318	4437386	LA	USA	NA	123371	S07	USA	@
13	\$43	\$13	\$56	133525B	4180	Mooreville Ford	704	6641300	NC	USA	NA	121725	S07	USA	
14	\$85	\$426	\$511	1808602	404	Don Rich Ford Co., Inc.	770	4595132	GA	USA	NA	121025	S07	USA	
15	\$43	\$0	\$43	248795D	5597	Palm Bay Ford	321	7229000	FL	USA	NA	124497	S07	USA	@
16	\$40	\$0	\$40	080673A	6882	Wilmes Ford-Lincoln, Inc.	580	4820262	OK	USA	NA	152698	S07	USA	@
17	\$52	\$0	\$52	3450452	7022	Simi Valley Ford	805	5830333	CA	USA	NA	171447	S07	USA	@
18	\$65	\$0	\$65	152671A	5917	Fremont Ford	510	6515600	CA	USA	NA	172034	S07	USA	@
19	\$50	\$0	\$50	213870A	7997	Mall of Georgia Ford	770	9324060	GA	USA	NA	121441	S07	USA	@
20	\$36	\$11	\$47	11665201	401	Ed Shering Ford, Inc.	334	3472245	AL	USA	NA	121550	E83	USA	@
21	\$38	\$11	\$49	13643401	2684	Carl Gregory Ford Lincoln of A	334	8878571	AL	USA	NA	121538	S07	USA	
22	\$604	\$269	\$874	13701601	2684	Carl Gregory Ford Lincoln of A	334	8878571	AL	USA	NA	121538	S07	USA	@
23	\$51	\$11	\$62	172920A	529	Gene Evans Team Ford and Linco	770	9649801	GA	USA	NA	121024	S07	USA	@
24	\$50	\$12	\$61	44163601	274	Cherokee Ford of Woodstock	770	5920090	GA	USA	NA	121021	S07	USA	@
25	\$39	\$11	\$49	20140008	272	Brooker Ford Lincoln	706	2781151	GA	USA	NA	121002	S07	USA	@
26	\$54	\$18	\$72	20140004	272	Brooker Ford Lincoln	706	2781151	GA	USA	NA	121002	S07	USA	@
27	\$87	\$311	\$398	165322A	939	Summerville Ford, Inc.	843	8733550	SC	USA	NA	121338	S07	USA	
28	\$51	\$0	\$51	173216A	529	Gene Evans Team Ford and Linco	770	9649801	GA	USA	NA	121024	S07	USA	
29	\$57	\$15	\$72	24927002	A6792	M G M Ford Lincoln Sales Ltd.	403	3466621	AB	Canada	NA	4A6792	E95	Canada	
30	\$46	\$10	\$56	485077A	6042	Tomball Ford, Inc.	281	3513000	TX	USA	NA	152752	E83	USA	
31	\$41	\$0	\$41	22921	9619	Mel Ervin Ford, Inc.	989	8453033	MI	USA	NA	171083	E84	USA	
32	\$44	\$0	\$44	274912A	481	Jarrett-Scott Ford, Inc.	813	7524171	FL	USA	NA	124449	S07	USA	@
33	\$40	\$0	\$40	3720151	6444	Moyer Ford Sales, Inc.	251	9431661	AL	USA	NA	124554	S07	USA	@
34	\$41	\$0	\$41	5418802	475	Burns Ford	803	2864414	SC	USA	NA	121153	S07	USA	
35	\$47	\$0	\$47	969234A	4820	Maroone Ford of Margate	954	9727200	FL	USA	NA	124015	S07	USA	@
36	\$96	\$468	\$563	2978252	4822	Greenway Ford, Inc.	407	2753200	FL	USA	NA	127636	S07	USA	@
37	\$53	\$0	\$53	7193851	751	David Wilson's Ford of Orange	714	9781850	CA	USA	NA	171054	S07	USA	@
38	\$128	\$59	\$187	7193852	751	David Wilson's Ford of Orange	714	9781850	CA	USA	NA	171054	S07	USA	@
39	\$46	\$10	\$56	4582001	960	Lafayette Ford Lincoln	910	4240281	NC	USA	NA	121224	S07	USA	
40	\$93	\$417	\$510	868060A	4465	Leif Johnson Ford	512	4543711	TX	USA	NA	152904	S07	USA	
41	\$42	\$13	\$55	282997A	4993	Bill Jarrett Ford, Inc.	863	4533117	FL	USA	NA	124406	S07	USA	@
42	\$45	\$13	\$58	67252801	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124408	S07	USA	
43	\$43	\$0	\$43	29066201	4044	Tallahassee Ford Lincoln	850	8771171	FL	USA	NA	124527	S07	USA	
44	\$72	\$311	\$383	3721302	254	Ken Cox Ford, Inc.	334	5667350	AL	USA	NA	121401	S07	USA	
45	\$108	\$311	\$419	582852C	9054	Stoneham Motor Company, Inc.	781	4380490	MA	USA	NA	111419	S07	USA	@
46	\$62	\$0	\$62	085413B	B6258	Peace River Ford Sales Inc.	780	6243450	AB	Canada	NA	4B6258	E84	Canada	@
47	\$49	\$0	\$49	4094301	4229	Suburban Ford of Waterford, LL	248	6744781	MI	USA	NA	148013	S07	USA	@

	A	B		D	E	F	G	H	I	J	K	L	M	N
48		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/10/11	06/07/11	06/10/12	43,207	13	3979910
49		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/17/11	05/31/11	06/22/12	8,200	13	4081379
50	1	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/27/11	07/30/11	06/12/12	23,536	11	4019988
51	2	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/27/11	07/30/11	06/12/12	23,536	11	4039896
52		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/28/11	07/26/11	06/21/12	31,488	12	4147852
53		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/02/11	11/01/11	06/04/12	6,304	8	3906980
54		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/15/11	08/31/11	06/07/12	15,247	10	3988256
55		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/26/11	10/03/11	06/11/12	30,931	9	4153111
56		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/12/11	10/11/11	06/14/12	9,769	9	4131260
57	1	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/14/11	09/27/11	06/22/12	10,002	9	4095851
58	2	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/14/11	09/27/11	07/05/12	10,970	10	4292358
59		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/08/11	09/16/11	06/20/12	6,756	10	4100844
60		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/13/11	12/26/11	06/11/12	8,969	6	4138055
61		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/04/11	04/09/12	06/27/12	5,099	3	4163979
62		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/18/11	10/24/11	06/20/12	5,775	9	4135037
63		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/31/11	12/09/11	06/18/12	6,025	7	4049624
64		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/03/11	01/31/12	06/12/12	7,923	5	3955490
65		2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/13/11	05/31/11	05/29/12	29,050	13	3996558
66	1	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/14/11	06/30/11	06/19/12	33,050	12	4085976
67	2	2011	IFTFWIET0	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/14/11	06/30/11	06/22/12	33,211	12	4122456
68		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/11/11	06/18/11	06/20/12	9,844	13	4151799
69		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/22/11	05/07/11	06/14/12	30,464	14	4165861
70		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/24/11	03/14/11	06/21/12	17,932	16	4138428
71		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/11/11	07/20/11	06/09/12	26,878	11	3998807
72	1	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/13/11	07/29/11	06/12/12	26,592	11	4084900
73	2	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/13/11	07/29/11	06/12/12	26,592	11	4137425
74		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/13/11	06/24/11	06/04/12	22,885	12	3980157
75		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/31/11	07/15/11	06/07/12	13,123	11	4133442
76		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/21/11	07/09/11	06/13/12	26,466	12	4134212
77		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/21/11	09/29/11	06/15/12	19,248	9	4166381
78		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/21/11	08/09/11	06/14/12	9,929	11	4032234
79		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/26/11	09/08/11	06/13/12	5,111	10	4036009
80		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/08/11	10/31/11	06/19/12	9,311	8	4098808
81	1	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/09/11	10/25/11	06/07/12	13,158	8	4065965
82	2	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/09/11	10/25/11	06/27/12	15,167	9	4165059
83		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/22/11	09/28/11	06/21/12	9,290	9	4100991
84		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/23/11	09/29/11	06/13/12	11,875	9	4079122
85		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/10/11	10/10/11	06/13/12	18,425	9	4035948
86		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/02/11	12/14/11	06/27/12	12,300	7	4148381
87		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/25/11	11/22/11	06/20/12	16,482	8	4166814
88	1	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/03/11	05/20/11	06/04/12	46,771	13	4078852
89	2	2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/03/11	05/20/11	07/05/12	50,247	14	4337031
90		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/19/11	08/31/11	06/13/12	13,495	10	4020156
91		2011	IFTFWIET1	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/18/11	11/09/11	05/22/12	18,044	7	4020435
92		2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/14/11	04/29/11	06/22/12	34,956	15	4151474
93		2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/27/11	03/11/11	06/18/12	24,478	16	4145913
94	1	2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/02/11	10/27/11	06/18/12	24,661	8	4099850
95	2	2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/02/11	10/27/11	06/18/12	24,661	8	4135038
96	1	2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/11	06/07/11	06/13/12	10,754	13	4052416
97	2	2011	IFTFWIET2	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/11	06/07/11	06/21/12	10,842	13	4150159



	O	P
48	V29 - Check Engine Light	E29 - Check Engine Light Trouble
49	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
50	V52 - Driveability	D42 - Poor Performance/Lacks Power
51	V29 - Check Engine Light	E29 - Check Engine Light Trouble
52	V29 - Check Engine Light	E29 - Check Engine Light Trouble
53	V49 - Powertrain Good Sound and NVH	N12 - Unusual Engine Noise while Driving
54	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
55	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
56	V48 - Auto Trans	P51 - Difficult to Operate Shift Lever
57	V29 - Check Engine Light	E29 - Check Engine Light Trouble
58	V29 - Check Engine Light	E29 - Check Engine Light Trouble
59	V52 - Driveability	D42 - Poor Performance/Lacks Power
60	V29 - Check Engine Light	E29 - Check Engine Light Trouble
61	V52 - Driveability	D42 - Poor Performance/Lacks Power
62	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
63	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
64	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
65	V29 - Check Engine Light	E29 - Check Engine Light Trouble
66	V29 - Check Engine Light	E29 - Check Engine Light Trouble
67	V52 - Driveability	D42 - Poor Performance/Lacks Power
68	V29 - Check Engine Light	E29 - Check Engine Light Trouble
69	V29 - Check Engine Light	E29 - Check Engine Light Trouble
70	V29 - Check Engine Light	E29 - Check Engine Light Trouble
71	V29 - Check Engine Light	E29 - Check Engine Light Trouble
72	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
73	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
74	V52 - Driveability	D42 - Poor Performance/Lacks Power
75	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
76	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
77	V29 - Check Engine Light	E29 - Check Engine Light Trouble
78	V46 - Good Fuel Economy	D35 - Excessive Fuel Consumption
79	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
80	V52 - Driveability	D03 - Engine Difficult or Slow to Start
81	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
82	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
83	V40 - Good Idle Quality	D13 - Engine Idles Rough
84	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
85	V29 - Check Engine Light	E29 - Check Engine Light Trouble
86	V52 - Driveability	D03 - Engine Difficult or Slow to Start
87	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
88	V29 - Check Engine Light	E29 - Check Engine Light Trouble
89	V29 - Check Engine Light	E29 - Check Engine Light Trouble
90	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
91	V29 - Check Engine Light	E29 - Check Engine Light Trouble
92	V29 - Check Engine Light	E29 - Check Engine Light Trouble
93	V29 - Check Engine Light	E29 - Check Engine Light Trouble
94	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
95	V29 - Check Engine Light	E29 - Check Engine Light Trouble
96	V29 - Check Engine Light	E29 - Check Engine Light Trouble
97	V44 - Base Engine Malfunction	D50 - Other Engine Troubles

Q	
48	CHECK and ADVISE FOR THE CHECK ENGINE LIGHT HAS COME ON
49	CUST STATES HAS SURGE ON INCLINE
50	CS WHEN HE TAKES TRUCK OUT OF CRUISE, IT JUMPS OUT OF GEAR & SHAKES VIOLENTLY & ACCELERATES BY 20MPH THEN SETTLES DOWN CS WANTS RIDE TO WORK IN CONCORD MILLS A
51	CHECK ENGINE LIGHT ON
52	CUSTOMER STATES CHECK ENGINE LIGHT CAME ON and WENT OFF TWO DAYS LATER. HAS HAPPEND BEFORE
53	C/STATES WHEN TRUCK IS COLD OR GIVING GAS HE CAN HEAR A NOISE IT SOUNDS LIKE A AIR HOSE WHEN IT HAPPINS IT IS ABOUT 2 4 TIMES and CUSTOMER FEELS LIKE IT IS LOSING POWER V
54	SEE CUSTOMER CONCERN 1 CUSTOMER STATES THAT WHILE DRIVING 55 MPH and THE TRUCK IS IN 6TH GEAR THERE IS A SURGING FELT PLEASE CHECK and ADVISE
55	CUSTOMER STATES THE TRUCK WILL SPUTTER and RUN POORLY....
56	A COUPLE OF TIMES THE ENGINE HAS REVED UP ON ITS OWN AT IDLE
57	REPAIR FOR CHECK ENGINE LIGHT ON
58	REPAIR FOR CHECK ENGINE LIGHT ON.
59	CUST STATES VEH ON SLIGHT TIP END THROTTLE VEH SURGE
60	CHECK ENGINE LIGHT IS ON
61	C/S VEH GETS LOW FUEL MILAGE CUST WANTS NEWUPDATES INSTALLE D
62	CUSTOMER STATES THAT SINCE LAST TIME, VEHICLE MISSES WORSE. CAN FEEL IT MORE NOW. HAS HARD SHIFT BETWEEN FROM 3 4, MAKES A CLUNK NOISE and CAN FEEL IT
63	C/S INTERMITANT MIS FIRE FELT 55 70MPH, WORSE EARLYMORNING, and WHEN DRIVING IN WET WEATHER. CHECK TSB 12 6 4
64	CUSTOMER STATES THE ENGINE LOOSES POWER ON HEAVY ACCEL WORSE IN DAMP CONDITIONS CHECK and ADVISE
65	CUST STATES CHECK ENGINE LIGHT ON AT TIMES and WHEN ON NO POWER UNDER ACCEL ADVISE
66	CUSTOMER STATES CHECK ENGINE LIGHT IS ONE and JERKS WHEN AC CELERATING
67	CUSTOMER STATES WHEN YOU STEP ON THE GAS PEDAL and IT FEELS LIKE IT'S BOGGING. CHECK ENGINE LIGHT ON AGAIN
68	CHECK FOR RUNS ROUGH AT IDLE IN THE MORNING AT TIME. CHECK ENGINE LIGHT ON
69	CUSTOMER STATES SES LIGHT IS ON.
70	CHECK ENGINE LIGHT
71	ENGINE BOGGS DOWN , CHECK ENGINE LIGHT ON , HESITATES WHEN ACCEL
72	MISCELLANEOUS CSTR STATES VEH HAS A SHAKE WHEN DRIVING, INT UP HILL
73	CSTR STATES VEH DEVOLOPTED A SHUTTER UP HILLS
74	CUST REPORTS LACK OF POWER and NOISE FROM MOTOR UNDER LOAD. WORSE WITH LOAD, BUT STILL PRESENT WITHOUT
75	CUST STATES HAS ENGINE SURGE AT TIMES
76	ENGINE HESTITATES/SURGES ON LIGHT LOAD GOING UP HILLS
77	C/S THAT THE CK ENGINE LIGHT IS ON and UNDER HARD ACCEL THE VEHICLE IS BOGGING DOWN
78	CUSTOMER REPORTS THAT GETTING 20 LITERS PER 100KM. COMBINED, NO WARNING LIGHTS ON. CUST REPORTS HE FEELS UNIT SURGING ON HILLS UNDER MODERATE ACCEL, OTHER THAN
79	C/S THAT THE VEHICLE IS NOT GETTING GOOD FUEL MILEAGE GETTING UNDER 13 IN CITY and UNDER 19 ON HIGHWAY
80	RUNS ROUGH, STALLS NO MIL LITE B CUSTOMER STATES..... INTERMITTENT MISFIRE SEE ATTACHED TSB 12 6 4
81	CUST STATES HAS SURGE AT TIMES
82	CUST STATES HAS SURGE ON INCLINE and GETTING POOR FUEL ECONOMY
83	CUSTOMER STATES THE VEHICLE IS SLUGGISH WHEN DRIVING ON HIGHWAY WHEN WANTING TO PULL AROUND SOMEONE CUSTOMER HAS RIDDEN WITH SHOP FOREMAN
84	MISCELLANEOUS CHECK FOR ENGINE SURGING ON LIGHT THROTTLE >
85	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON ADVISE
86	LONG CRANK TIME ON COLD START UP and RUNS RICH,BLACK SMOKE OUT EXHAUST,LOOSING FUEL MILEAGE,ALOS CUSTOMER STATED YELLOW CHECK ENG LIGHT CAME ON and FLASHED
87	C/S SPUTTER/ HESITATION TO ACCEL AT TIMES WHEN DRIVING
88	CHECK ENGINE LIGHT IS ON IN VEHICLE
89	CHECK ENGINE LIGHT ON
90	NO CHECK ENGINE SLUGLISH AT TAKE OFF WORSE AF TER DRIVING LONG DISTANCE.
91	CHECK ENGINE LIGHT ON, CHK/ADVISE
92	ENGINE CUTS OUT WHILE DRIVING WRENCH LIGHT COMES ON AT THE SAME TIME
93	PERFORM DIAGNOSIS FOR ENGINE LIGHT ON
94	ENGINE SURGES AT HIGHWAY SPEEDS
95	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
96	CHECK ENGINE LIGHT ON
97	ENG LT ON

	R
48	69536 PULLED CODES and FOUND P0430 CHECKED OASIS and FOUND TSB 12 6 4 PERFORMED TSB and RECHCEK GOOD MINER
49	TEST DROVE VEH VERF CONC FOUND TSB 12 6 4 FOR ISSUE INSTALLE D CAC AIR DEFLECTOR and REPROGRAMMED PCM PER TSB RETESTED OK
50	HOTLINE #105484196 DIAG and PERFORMED TSB120604A CHKED FOR DTCS NONE,NOT NECESSARY FOR AIR DEFL PLATE,REPROGRAMMED THE PCM.
51	EEC DIAG,CHK FOR DTCS,KOEC P0430,PP TST HE,PID MONITOR SHOWS FUEL TRIMS GOOD AT 2 PERCENT BOTH BANKS,FUEL PRESSURE 65 PSI GOOD,CATALYST DIAG SHOWS LOW FLOW RESTI
52	TECH HOOKED UP IDS and RAN SELF TEST TECH FOUND PCM DTC P0430. TECH RAN OASIS and FOUND TSB 12 6 4 TECH FOLLOWED TSB 12 6 4 TECH REPLACED THE LEFT BANK CATALYTIC CON
53	DIAGNOSIS and TESTING CUSTOMER STATES HEARS A NOISE WHEN COLD and LOSS OF POWER PERFORM TSB 12 2 10 FOR LOSS OF POWER REPROGRAM PCM TO LATEST CAL#BL3A 12A650 AY
54	FOUND TSB 12 06 04. TEST EEC SYSTEM, NO CODES. INSTALL AIR DEFLECTOR and REPROGRAM PCM AS PER TSB.
55	CHECK FOR DTC, INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAM PCM
56	VERIFIED CONCERN. FOUND TSB 12 6 4 INSTALLED CAC AIR DEFLECTOR RE PROGRAMMED PCM
57	EEC TEST (CONT.CODES P0299,P0430). CHECK OASIS and ORDER IN CAT,CONVERTER and DEFLECTOR PLATE AS PER TSB 12 6 4,(USA)
58	EEC TEST (CONT.CODES P0299,P0430). CHECK OASIS and ORDER IN CAT,CONVERTER AS PER TSB 12 6 4,R+R DS CATALYTIC CONVERTER. CLEAR CODES and RETEST ALL PASS
59	RUN SELF TET PASS OADIS TSB 1264 HAD COOLER SHIELD REPROGRAM PCM
60	ROADTEST VERIFIED CONCERN MISFIRE & STUMBLES RUNOASIS FOUND TSB 12 6 4 FOR CONCERN O RDERPARTS
61	FOUND TSB 12 06 04 NO CODES REPROGRM PCM OKN OW
62	RECALIBRATED PCM TO LASTEST LEVEL AS PER TSB 12 6 4. ORDERED CHARGE AIR COOLER DEFLECTOR. INSTALLED CHARGE AIR COOLER DEFLECTOR. 120604A
63	ROAD TEST THE ENGINE SEAMS TO HAVE A MISS EEC TEST NO DTC CALL OASIS PERFORM TSB 12 6 4 PROGRAM THE PCM & ORDER THE SHIELD FOR THE CAC
64	VERIFIED CONCERN FOUND TSB 12 6 4 FOLLOWED SERVICE PROCEDURE NO DTC PRESENT CAC IS EQUIPPED WITH AN AIR DEFLECTOR PLATE REPROGRAMMED PCM VERIFIED REPAIR
65	REPROGRAMMED PCM and REPLACED LEFT SIDE CONVERTER PER TSB 12 2 10 120210B
66	WARRANTY, VERIFIED CUSTOMER CONCERN OF CHECK ENGINE LIGHT ON. EEC TEST. P0302,P0300. PERFORMED RELATIVE COMPRESSION and RAN MISSFIRE MONITERING TEST and FOUND NO.
67	WARRANTY, VERIFIED CUSTOMER CONCERN OF CHECK ENGINE LIGHT ON and VEHICLE MISSFIRING UNDER LOAD. MONITERED POWER BALANCE TEST and FOUND #2 CYLINDER DROPPING OUT
68	CHECKED BUT COULD NOT GET VEHICLE TO RUN ROUGH RAN SELF TEST and RECIEVED DTC P0301,RAN POWER BALANCE BUT COULD NOT GET IT TO MISS.MC
69	VERIFIED CUSTOMER CONERN. INSPECTED and FOUND CODE P0430. REFERED TO TSB 12 6 4 . PERFOMED TSB 12 6 4 . REMOVED and REPLACED LH CATALYTIC CONVERTER PER TSB and REPROG
70	EEC TEST CODE P0430 REFER TO FORD TSB 12 6 4 REPLACED LEFT BANK CATALYTIC CONVERTER REPROGRAMED PCM INSTALLED AIR DEFLECTOR CLEARED CODE RETEST OK NOW
71	RAN EEC TEST KOEO, P0430, REPLACE LEFT HAND CAT CONVERTER and REPROGRAMMED DCM PER TSB 12 6 04. SOP DEFLECTOR. BACK ORDER. CUSTOMER TO RETURN FOR DEFLECTOR.
72	UPDATE PCM AS PER TSB
73	CK FOR SHUTTER and POOR SHIFT WHEN DRIVING, DYE WAS ADDED, TRANS LEAK, REM TRANS TO BLACK LIGHT, LEAK AT FT PUMP CK and PERF TSB 11 8 4 REM VB and FRONT INSTALL NEV
74	VERIFY HISS ON ACCEL. REPROGRAMMED PCM, ADVISE CUSTOMER POWERTRAIN WILL NEED TO RELEARN.
75	TEST DROVE VEH VERF CONC FOUND TSB 12 06 04 FOR CONC INSTALL ED CAC DEFLECTOR and REPROGRAM PCM RETESTED OK
76	TEST DROVE & VERIFIED CUSTOMERS CONCERN, BEEN TALKING TO FORD TECH HOTLINE. TSB FINALLY OUT...PERFORMED TSB 12 06 14
77	EEC TEST CODE P0301 INSTALL CAC AIR DEFLECTOR PLAT E and REPROGRAM PCM PER TSB
78	IDS TEST MEMORY CODE P0303,P0307,CHECK OASIS TSB 12 6 4. PCM REPROGRAM,CLEAR CODES. 6K775 CC 42
79	CK FOR DTCS and REPROGRAM PCM PER TSB 12 6 4
80	TEST NO CODES REPRGRAM PCM INSTALLAIR DEFECTOR SHIELD PER TSB 12 6 4
81	TEST DROVE VEH and VERF CONC FOUND TSB 12 6 4 ON CONCERN RETREIVED CODES and FOUND ALL PASS INSTALLED CAC AIR DEFLECT OR and REPROGRAMMED PCM PER TSB RETESTED OK
82	RETREIVED CODES FOUND ALL PASS TEST DROVE VEH and FOUND TO BE OPERATING NORMALLY PERF FUEL MILEAGE TEST and FOUND 20.7 HWY and 17.4 CITY
83	NO DTCS PRESENT,CAC SHIELD PRESENT,REPROGRAM PCM PER TSB 12 6 4 FOR VARIOUS PCM ISSUES
84	VERIFIED, SURGES ON LIGHT THROTTLE, SEEMS TO STUMBLE TIMES AS WELL. CHECKED OASIS...TSB12 6 4 APPLIES. RECALIBRATED PCM & INSTALLED AIR DEFLECTOR INFRONT OF CAC AS/
85	SCAN FOR CODES FOUND P0299 CHECKED OASISS and FOUND TSB 12 06 04 REPROGRAM and R OAD TEST ALL PASSED
86	PERFORM TSB 12 6 4 UPDATED PCM and CHK CAC DEFLECTOR PLATE IT IS PRESENT
87	REPROGRAMED PCM and INSTALLED SHIELD PER TSB 12 06 04
88	DIAGNOIS CHECK ENGINE LIGHT,SCAN TO RETREIVE CODE,CHECK OASIS,FOUND TSB 12 6 4.PERFORM TSB INSTALL SHIELD AS PER TSB,CLEAR CODE and VERIFY REPAIR
89	VERIFIED CHECK ENGINE LIGHT ON,PERFORMED SELF TESTS,CHECK OASIS,VEHICLE HAS SHEILD ON CHARGE AIR COOLER,NESC TO INSTALL NNEW LEFT CONVERTOR and PROGRAM PCM TO I
90	EEC TESTED NO CODES. REPROGRAMMED PER TSB 12 06 04 FOR SLUGISH ACC.
91	PULLED CODES P0430. CHECKED OASIS. FOUND TSB 12 6 4. R&R CATALYST. REPROGRAM TEST, OK NOW
92	TSB 12 6 4, REPROGRAMMED PCM. WPI
93	VERIFIED COMPLAINT CHECKED FOR CODES P0430 CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD BANK 2 CHECKED PASOS and FOUND TSB 12 6 4 REPLACE LEFT BANK CATALYST CAC
94	FOUND TSB 12 6 4
95	SELF TESTED PCM, HAD 20 DTCS LISTED IN FRONT OF RO. PIN POINT TESTED STEPS DZ1, DTCS LISTED. DZ2, INSPECTED UEGO WIRING. FOUND WIRE CHAFED AT TRANSMISSION CASE ON PASS
96	IDS TEST P0299 P0300 P0430 PERFM TSB 12 06 04 BY REPROGRAM PCM and RETEST OK AT THIS TIME
97	12 06 04 DONE REPLACE LEFT SIDE CAT and REPROGRAM PCM RETEST OK AT THIS TIME

	S	T	U	V	W	X	Y
48	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.5
49	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
50	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
51	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	0.5
52	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
53	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
54	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
55	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
56	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
57	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
58	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
59	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
60	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
61	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
62	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
63	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
64	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
65	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	4 - Software Revision, Flash Module	1.0
66	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
67	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	1.2
68	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
69	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
70	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
71	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
72	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
73	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	D8 - Failed Gasket/Seal	7.7
74	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
75	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
76	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
77	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
78	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
79	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
80	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
81	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
82	F04 - Powertrain	3A11 - Transmission Assembly	*	7000 - Auto Transmission Asy	*	82 - Freight/Postage/Maintenance	1.0
83	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
84	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
85	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
86	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
87	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
88	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
89	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.7
90	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
91	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
92	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
93	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
94	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
95	F04 - Powertrain	7S02 - Instrmnt Panel Wiring	*	14401 - Wire Asy Main Loom	*	95 - Insulation Damage	0.9
96	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
97	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
48	\$182	\$300	\$482	169556A	A6017	Jim Hansen's Gateway Ford Linc	780	5384044	AB	Canada	NA	4B6230	S07	Canada	@
49	\$40	\$11	\$51	11189501	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	@
50	\$46	\$0	\$46	28446702	9151	Huntersville Ford	704	8756547	NC	USA	NA	121655	S07	USA	
51	\$46	\$309	\$355	28446707	9151	Huntersville Ford	704	8756547	NC	USA	NA	121655	S07	USA	
52	\$81	\$312	\$393	8687601	1262	Sharpnack Ford, Inc.	419	9354571	OH	USA	NA	144494	S07	USA	@
53	\$38	\$0	\$38	216351A	8834	Bill Marsh Ford	231	2589192	MI	USA	NA	111628	S07	USA	
54	\$44	\$16	\$60	5844801	9473	Tenvoorde Ford, Inc.	320	2510540	MN	USA	NA	158584	S07	USA	@
55	\$47	\$18	\$65	055737A	8696	Porter Ford	302	7380800	DE	USA	NA	116218	S07	USA	
56	\$45	\$15	\$59	29670102	B8112	George Stockfish Ford (1987)	705	4761506	ON	Canada	NA	4B8112	2	Canada	@
57	\$60	\$11	\$70	28635001	B6297	Sherwood Ford	780	4493673	AB	Canada	NA	4B6297	1	Canada	@
58	\$119	\$283	\$402	28699601	B6297	Sherwood Ford	780	4493673	AB	Canada	NA	4B6297	S07	Canada	@
59	\$39	\$0	\$39	3231901	5723	First Place Ford Lincoln, Inc.	828	7541524	NC	USA	NA	121693	S07	USA	@
60	\$45	\$11	\$56	641375A	8927	Robert H. Irwin Motors, Inc.	603	5244922	NH	USA	NA	111579	1	USA	
61	\$40	\$0	\$40	347482C	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	S07	USA	@
62	\$43	\$12	\$55	22125601	4686	Bedford Ford Lincoln Inc.	812	2798121	IN	USA	NA	147084	S07	USA	@
63	\$48	\$0	\$48	554955A	387	Marshal Mize Ford, Inc.	423	8752023	TN	USA	NA	121201	S07	USA	@
64	\$37	\$0	\$37	6048801	7475	Herrington-Yoak Ford	304	6849625	WV	USA	NA	144526	S07	USA	
65	\$85	\$405	\$490	36552201	1026	Crescent Ford, Inc.	336	8692181	NC	USA	NA	121619	S07	USA	@
66	\$42	\$0	\$42	307159A	9936	Mac Haik Ford Lincoln	361	5761221	TX	USA	NA	152146	S07	USA	@
67	\$100	\$64	\$164	307331A	9936	Mac Haik Ford Lincoln	361	5761221	TX	USA	NA	152146	S07	USA	@
68	\$43	\$12	\$55	4883301	6590	Marler Ford Company, LLC.	318	4437386	LA	USA	NA	123371	S07	USA	@
69	\$64	\$302	\$366	421352A	3487	Stoltz Ford of St. Marys	814	7811010	PA	USA	NA	144471	S07	USA	
70	\$80	\$311	\$390	718740A	9589	Quirk Ford of Augusta	207	6225851	ME	USA	NA	111594	S07	USA	@
71	\$97	\$311	\$491	680149A	4443	McRee Ford, Inc.	281	3371529	TX	USA	NA	152024	S07	USA	
72	\$50	\$0	\$50	281309	8066	Sparta Ford, Inc.	618	4435351	IL	USA	NA	153313	S07	USA	
73	\$765	\$356	\$1,120	281304	8066	Sparta Ford, Inc.	618	4435351	IL	USA	NA	153313	S07	USA	
74	\$46	\$0	\$46	36587801	B1396	Sterling Ford Sales (Ottawa)	613	7413720	ON	Canada	NA	4B1396	E84	Canada	
75	\$40	\$11	\$51	11160901	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	
76	\$39	\$10	\$49	030282A	3545	Rasmussen Ford	712	7321311	IA	USA	NA	158681	E83	USA	@
77	\$49	\$11	\$60	158722A	4163	Elyria Ford	440	3663673	OH	USA	NA	144433	S07	USA	
78	\$57	\$0	\$57	12420802	B7023	Prince George Motors Ltd	250	5638111	BC	Canada	NA	4B7023	1	Canada	@
79	\$49	\$0	\$49	158570A	4163	Elyria Ford	440	3663673	OH	USA	NA	144027	S07	USA	@
80	\$44	\$16	\$59	6340802	3275	Kistler Ford Sales, Inc.	866	5973673	OH	USA	NA	148057	S07	USA	
81	\$40	\$11	\$51	11160601	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	
82	\$80	\$0	\$80	11200901	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	@
83	\$44	\$0	\$44	35217301	6004	Ford Lincoln of Franklin	615	7944585	TN	USA	NA	123098	S07	USA	
84	\$56	\$15	\$70	250801	B6081	Denham Ford Sales Ltd.	780	3526043	AB	Canada	NA	4B6081	1	Canada	
85	\$37	\$0	\$37	5165801	4107	R. M. Stoudt, Inc.	701	2522270	ND	USA	NA	158472	S07	USA	@
86	\$44	\$0	\$44	217024A	1989	Moses Ford-Lincoln	304	7224900	WV	USA	NA	147205	S07	USA	@
87	\$45	\$10	\$55	539205C	4584	Champion Ford	361	9946200	TX	USA	NA	152067	S07	USA	@
88	\$39	\$15	\$53	5430401	B3274	Canso Ford Sales Ltd	902	6251338	NS	Canada	NA	4B3274	E95	Canada	@
89	\$132	\$290	\$422	5498101	B3274	Canso Ford Sales Ltd	902	6251338	NS	Canada	NA	4B3274	S07	Canada	@
90	\$44	\$0	\$44	5524301	9435	Anderson & Koch Ford, Inc.	651	6744465	MN	USA	NA	158598	S07	USA	@
91	\$88	\$405	\$493	11514601	9880	Middlekauff Ford Lincoln	208	7362480	ID	USA	NA	156594	S07	USA	
92	\$36	\$0	\$36	2754101	6036	Milbank Ford, Inc.	605	4324525	SD	USA	NA	158726	S07	USA	@
93	\$84	\$308	\$392	13667501	B3230	Highland Ford Sales Limited	902	7528243	NS	Canada	NA	4B1282	S07	Canada	@
94	\$43	\$12	\$55	22118304	4686	Bedford Ford Lincoln Inc.	812	2798121	IN	USA	NA	147084	S07	USA	
95	\$77	\$5	\$82	22118302	4686	Bedford Ford Lincoln Inc.	812	2798121	IN	USA	NA	147084	S07	USA	
96	\$47	\$0	\$47	3716951	4515	Boggus Ford Lincoln	956	6867411	TX	USA	NA	152097	S07	USA	@
97	\$94	\$293	\$387	3763251	4515	Boggus Ford Lincoln	956	6867411	TX	USA	NA	152097	S07	USA	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
98		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/20/11	06/14/11	06/07/12	21,183	12	3967768
99		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/05/11	01/12/12	06/07/12	8,462	5	4015600
100		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/16/11	06/10/11	06/09/12	21,408	13	3949249
101		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/26/11	11/22/11	06/13/12	6,795	7	4064458
102		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/10/11	06/29/11	06/15/12	29,064	12	4132889
103		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/08/11	08/01/11	06/21/12	26,950	11	4082277
104		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/29/11	12/27/11	06/12/12	11,508	6	3997987
105		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/19/11	08/31/11	06/21/12	13,183	10	4062985
106		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/17/11	09/07/11	06/21/12	29,302	10	4101807
107		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/12/11	12/14/11	06/14/12	22,062	7	4049527
108		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/29/11	10/21/11	06/13/12	6,280	8	4149560
109		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/20/11	02/15/12	06/21/12	5,513	5	4148526
110		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/10/11	12/20/11	06/11/12	9,931	6	4169109
111		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/23/11	11/15/11	06/21/12	5,658	8	4102108
112		2011	IFTFW1ET2BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/02/11	02/03/12	06/08/12	1,859	5	3986456
113		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/11	03/25/11	06/06/12	12,795	15	3989181
114		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/24/11	06/23/11	06/20/12	46,152	13	4118037
115		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/28/11	06/08/11	06/15/12	10,162	13	4033129
116		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/24/11	07/11/11	06/07/12	15,554	12	3937041
117		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/27/11	07/22/11	06/20/12	8,668	12	4166393
118		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/25/11	07/18/11	06/14/12	23,404	12	4117594
119		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/01/11	06/13/11	06/22/12	11,901	13	4082004
120		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/04/11	08/05/11	06/06/12	10,019	11	4049996
121		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/20/11	09/12/11	06/01/12	9,662	9	3996726
122		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/29/11	11/17/11	06/15/12	9,276	8	4083729
123		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/07/11	09/27/11	06/13/12	18,370	9	4098079
124		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/18/11	12/02/11	06/07/12	5,830	7	4164208
125		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/24/11	12/17/11	06/19/12	20,802	7	4055157
126		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/14/11	12/05/11	06/11/12	9,366	7	4152298
127		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/02/11	12/26/11	06/11/12	16,831	6	4000448
128		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/31/11	12/09/11	06/13/12	7,487	7	3996029
129		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/04/11	11/25/11	05/23/12	10,231	7	4038000
130		2011	IFTFW1ET3BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/01/11	12/21/11	05/22/12	8,000	6	4136268
131		2011	IFTFW1ET3BK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/31/11	05/22/12	06/11/12	801	1	3987060
132	1	2011	IFTFW1ET3BK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/27/11	10/24/11	06/25/12	19,368	9	4150794
133	2	2011	IFTFW1ET3BK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/27/11	10/24/11	07/02/12	19,485	9	4204975
134	1	2011	IFTFW1ET3BK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/26/11	11/27/11	06/06/12	7,211	7	3914383
135	2	2011	IFTFW1ET3BK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/26/11	11/27/11	06/06/12	7,211	7	3995401
136	1	2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/11	08/12/11	06/22/12	15,732	11	4133847
137	2	2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/11	08/12/11	06/27/12	15,955	11	4164174
138		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/21/11	02/20/12	06/26/12	3,287	5	4115545
139		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/19/11	03/31/11	06/08/12	22,028	15	4146760
140		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/24/11	03/22/11	06/14/12	45,547	16	4019831
141		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/03/11	03/17/11	06/06/12	25,058	15	3932700
142		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/02/11	03/31/11	06/13/12	12,831	15	4168901
143	1	2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/13/11	06/06/11	06/08/12	12,000	13	3984087
144	2	2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/13/11	06/06/11	06/20/12	12,373	13	4182442
145		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/07/11	07/18/11	06/06/12	18,826	11	4100792
146		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/17/11	04/30/11	06/05/12	19,610	14	4121920
147		2011	IFTFW1ET4BF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/17/11	06/09/11	06/20/12	20,156	13	4131852

	O	P
98	V29 - Check Engine Light	E29 - Check Engine Light Trouble
99	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
100	V19 - Electrical Power	C27 - Power Supply Troubles
101	V52 - Driveability	D42 - Poor Performance/Lacks Power
102	V29 - Check Engine Light	E29 - Check Engine Light Trouble
103	V52 - Driveability	D42 - Poor Performance/Lacks Power
104	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
105	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
106	V29 - Check Engine Light	E29 - Check Engine Light Trouble
107	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
108	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
109	V29 - Check Engine Light	E29 - Check Engine Light Trouble
110	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
111	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
112	V29 - Check Engine Light	E29 - Check Engine Light Trouble
113	V40 - Good Idle Quality	D13 - Engine Idles Rough
114	V29 - Check Engine Light	E29 - Check Engine Light Trouble
115	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
116	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
117	V29 - Check Engine Light	E29 - Check Engine Light Trouble
118	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
119	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
120	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
121	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
122	V40 - Good Idle Quality	D11 - Engine Idles too Fast
123	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
124	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
125	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
126	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
127	V48 - Auto Trans	P59 - Other Auto Trans Troubles
128	V52 - Driveability	D42 - Poor Performance/Lacks Power
129	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
130	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
131	V40 - Good Idle Quality	D13 - Engine Idles Rough
132	V29 - Check Engine Light	E29 - Check Engine Light Trouble
133	V29 - Check Engine Light	E29 - Check Engine Light Trouble
134	V52 - Driveability	D42 - Poor Performance/Lacks Power
135	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
136	V29 - Check Engine Light	E29 - Check Engine Light Trouble
137	V29 - Check Engine Light	E29 - Check Engine Light Trouble
138	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
139	V29 - Check Engine Light	E29 - Check Engine Light Trouble
140	V29 - Check Engine Light	E29 - Check Engine Light Trouble
141	V29 - Check Engine Light	E29 - Check Engine Light Trouble
142	V48 - Auto Trans	P59 - Other Auto Trans Troubles
143	V52 - Driveability	D42 - Poor Performance/Lacks Power
144	V52 - Driveability	D42 - Poor Performance/Lacks Power
145	V46 - Good Fuel Economy	D35 - Excessive Fuel Consumption
146	V52 - Driveability	D42 - Poor Performance/Lacks Power
147	V29 - Check Engine Light	E29 - Check Engine Light Trouble

	Q
98	CUSTOMER STATES CHECK ENGINE LIGHT IS ON RUNNING ROUGH
99	CUSTOMER STATES THAT THE VEHICLE HAS AN INTERMITTENT MISS ON ACCELERATION
100	CHECK and ADVISE ON BATTERY WARNING LIGHT IS ON. CUST ADVISES LIGHT CAME ON WHEN TRAVELLING ON HIGHWAY. VEHICLE HAD NO POWER. PULLED OVER and VEHICLE RESTARTED
101	CHECK FOR SURGE AT STEADY THROTTLE LIGHT LOAD
102	CUSTOMER STATES CHECK ENGINE LIGHT ON CONCERN CODE E29
103	CHECK FOR TWICE WHILE DRIVING LOST POWER BLOWING SMOKE FROM EXHASUT and THEN TOOK OFF FINE and WORKING NORMAL ..
104	D36 CUSTOMER STATES WHEN SPEEDING UP TRUCK WILL SPUTTER and NOT GO AT TIMES SEEMS WORSE IN DAMP WEATHER ADVISE
105	CHECK DOWNSHIFT FROM 5 TO 4 OFTEN IS ROUGH
106	CUSTOMER STATES THAT THE CHECK ENGINE LIGHT IS ON
107	VEH. SURGES AROUND 55 MPH. WORSE PULLING HILLS
108	CS VEHICLE MISS AT IDLE and ON HEAVY AC CEL
109	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
110	CHECK FOR ENGINE MISS
111	CUSTOMER SAYS THERES A SURGE FROM ENGINE ABOVE IDLE and FUEL ECONOMY IS POOR PARTS ARE HERE and AVAILABLE
112	CUSTOMER STATES CEL ON
113	ENGINE RUNS ROUGH. INTERMITTENT. NO CEL.
114	Customer States REPROGRAM PCM
115	CUSTOMER WANTS TO CHECK WHY HE IS NOT GETTIN VERY GOOD FUEL MILEAGE ONLY GETTING 12.9 13.1 SURGE AT CRUISE
116	CUSTOMER STATES TRUCK OSULATES WHEN YOU PUT A LOAD ON THE ENGINE. DOES NOT HAPPEN ALL THE TIME
117	CUSTOMER STATES THAT THE ENGINE CUT OFF WHILE DRIVING. RESTARTED and CHECK ENGINE LIGHT ON. CHECK and ADVISE.
118	E29 SERVICE ENGINE SOON LIGHT IS ON and HESITATES ON ACCELL. CK. ADVISE
119	FEEL FOR VEHICLE JUMPING FORWARD and NOT ACCELERATEING
120	CK SKIP BITE ON PULLS
121	CUST STATES THUMPING NOISE WHEN CHANGING GEARS
122	CUSTOMER STATES SEEMS TOO IDLE TOO FAST 900 RPM'S
123	CUST STATES ENG CUTS OUT UNDER HARD ACCELERATION AT TIMES. CAN FEEL INTERMITTANT ENG MISS ON ACCELERATION
124	INTERMITTENT ENGINE SURGE DURING MODERATE TO LIGHT LOADS AT CRUISE. INTERMITTENT STUMBLE FEELS LIKE MISFIRING...
125	HAS EXPERIENCED A DRIVELINE CLUNK & LACK OF RESPONSE WHEN SLOWING DOWN THEN SPEEDING UP.
126	ENGINE MISS HESITATION and STUMBLE
127	CUSTOMER STATES ACTS LIKE TRANSMISSION SLIPPING
128	CHECK FOR STUMBLE ON HARD ACCEL WHILE ON HIGHWAY
129	FEELS JERK GOING INTO and COMING OUT OF 3RD GEAR.
130	CUSTOMER STATES WHEN DRIVING AT HIGHWAY SPEEDS IT WILL DOWNSHIFT OuT of 6th and lacks power. Engine surges
131	HAS MISS ON COLD START
132	ENGINE LIGHT ON DASH
133	CHECK ENGINE LIGHT ON DASH
134	CUSTOMER REPORTS TRUCK HAS A HESITATION WHEN COLD. CHECK and ADVISE.
135	CUSTOMER REPORTS POOR FUEL ECONOMY. DIAG and ADVISE.
136	YELLOW CHECK ENGINE LIGHT COMES ON
137	CUSTOMER SAID CHECK ENGINE LAMP IS STAYING ON ALL THE TIME LOSS OF POWER CANNOT PULL HIS TRAILER
138	ENGINE CONCERNS CHECK ENGINE MISS HAPPENS WHEN PASSING A VEHICLE ENGINE LIGHT STARTS FLASHING >
139	CHECK ENG LAMP ON OR EMISSIONS LAMP ON, DIAG and QUOTE REPAIRS QUOTED \$122.40
140	ENGINE PERFORMANCE EVALUATION(ENGINE LI GHT).
141	CUSTOMER STATES THE CK ENG LIGHT IS ON
142	CUSTOMER STATES TRANS HAS HARSH SHIFTB AT LOW SPEEDS UNDER 15 MPH
143	CUSTOMER STATES ENGINE RUNNING ROUGH
144	CUSTOMER STATES ENGINE SKIPPING and VEHICLE TO SHAKE
145	CUST STATES FUEL MILEAGE HAS DROPPED FROM 20 MPGAVG TO 15 M PG
146	CUSTOMER STATES VEHICLE BUCKING AT HI WAY SP EEDS
147	C S ENG LIGHT IS ON. ADVISE.



	R
98	EEC TEST FOUND CMDTC P0300, ODDTC SELF TEST PASS, RAN OASIS FOUND TSB 12 6 4 RELATED TO CONCERN, INSPECT CAC FOR AIR DEFLECTOR FOUND INSTALLED, REPROGRAMMED PCM
99	TEST EEC NO CODES PERFORM TSB 12 6 4 RECAL PCM INSTALL SHIELD PER TSB
100	NO CODES PRESENT, FOUND TSB 12 06 04, CHECK DTCS, INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY and REPROGRAM THE PCM, 120604A 0.5
101	PCM CALIBRATE UPDATE
102	VERIFIED CONCERN EEC TEST CODE P0430 FOUND TSB 12 06 04 RAN PIN POINT TEST FOUND CAT FAULTY REMOVED and REPLACED CAT CONVERTOR PER TSB and INSTALLED AIR DEFLECTOR
103	RAN EEC SYSTEM TEST NO CODES IN SYSTEM RAN OASIS FOUND TSB 12 06 04 QUESTION 1 NO CODES #2 APPEARS TO BE THERE #4 RECAL PCM TO BL3A12A650AZG RETESTED and ROAD TESTED
104	RETRIEVE DTCS, REPROGRAMMED PCM PER TSB 12 6 4, PCM RECALIBRATION
105	CHECK DTC'S, INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAM THE PCM P0306
106	VERIFIED CONCERN BY RUNNING EEC TEST and FOUND DTC CODE P0430 CATALYTIC CONVERTER BELOW THRESHOLD THEN CHECKED OASIS and FOUND TSB 12 6 4 GTI CASLIBRATION UPDATE
107	TEST DROVE and VERIFIED ENGINE SURGE, TSB 12 06 04 ADVISED CHECK CODES, NO CODES, INSTALLED CHARGE AIR COOLER DEFLECTOR and REPROGRAMMED PCM, RETEST OK, PER FSE: TE
108	CHECK FOR DTCS, INSTALL CAC AIR DEFLECTOR PLATE AND REPROGRAM PCM
109	EEC TEST: P0430, FOLLOWED TSB 12 6 4 TO REPLACE LEFT BANK CATALYTIC CONVERTER ETC. REPLACED LEFT BANK CATALYTIC CONVERTER, INSTALLED SHIELD OVER INTERCOOLER and
110	CHECK FOR ENGINE MISS FOUND TSB 12 6 4 CALIBRATION UPDATE VARIOUS ISSUES REPLACED CAC AI
111	PERFORM TSB 12.6.04, NO CODES IN SYSTEM, INSTALL DEFLECTOR SHIELD and REPROGRAM PCM TO LATEST CALIB. LEVEL.
112	TECH VERIFIED CUSTOMER CONCERN, TECH DIAGNOSED CODE P0430, TECH PERFORMED TEST PER FORD, TECH DIAGNOSED and REPLACED LEFT HAND CAT, CONVERTER PER FORD TSB 12 6 4, A
113	UNABLE TO VERIFY REFLASHED PCM TO LATEST LEVEL, THEN ROAD TEST 85 90 MILES.
114	RAN IDS TEST CK FOR CODES FOUND P0302 and P0316 FOUND TSB 12 6 04 REPROGRAMED PCM TEST DRIVE OK
115	REFERENCE TSB 12 6 4 TO REPROGRAM PCM, ROAD TEST TO VERIFY REPAIR, OK
116	VERIFIED CONCERN IDS TEST NO CODES HAS DEFLECTOR PLATE PERFORMED REPROGRAM PER TSB PERFORMED DRIVE CYCLE RETEST GOOD OPERATES AS DESIGNED NO SURGE VERIFIED R
117	IDS DIAG, PULL CODES, P0299, PERFORM TSB 12 6 4, REPROGRAM PCM and INSTALL CAC DEFLECTOR PLATE, CLEAR and RETEST OK
118	CP 6K775 CC 42 INSTALL DEFLECTOR, REFLASH 12 06 04 TSB
119	FOUND TSB RELATED TO SYMPTOMS, REPROGRAMMED PCM
120	CK FOR DTCS, REPROGRAMMED PCM INSTALLED CAC DEFLECTOR PLATE AS PER TSB 12 6 4
121	CONFIRM CONCERN CHECK OASIS FOUND TSB 12 06 04 FOR THIS CONCERN FOLLOW TSB FLASH PCM TO LATEST CAL RETEST VERIFY REP
122	TESTED EEC, PASS, PROGRAMMED PCM PER TSB 12 6 4, CONDITION CODE 42.
123	PERFORMED TESTS, CHECKED FOR TECHNICAL SERVICE BULLETINS PERFORMED REPAIR PROCEDURE AS OUTLINED IN TSB 12 6 4 INSTALLED REVISED CHARGE AIR COOLER DEFLECTOR and
124	TECH ROAD TEST TO TRY and DUPLICATE SLIGHT MISS, NO CODES, TECH FOUND TSB 12 6 4, TECH INSERT NEW COVER and REPROGRAMED PCM AS INSTRUCTED... AS PER TSB 12 06 04
125	CONFIRMED CONCERN, OASIS HAD TSB 12 6 4 THAT ADDRESSED THIS CONCERN, CHECKED FOR DTCS NONE, CONFIRMED THAT THE CAC AIR DEFLECTOR PLATE WAS IN PLACE & REPROGRAM
126	CHECK COMPUTER SYS ROADTEST and FOUND SURGE AT 45 50 MPH CHECK TSBS E MAIL FORD TECH HOTLINE CALLED FSE and WAITED FOR 8 12 WEEKS FOR TSB TO COME OUT TAKEN BAC
127	TEST DROVE VEH CKD OASIS, TSB, SSM UPDATED PCM PER TSB 12 06 04 RESET KAM PERFORMED TRANSMISSION DRIVE CYCLE TEST RETEST ROADTEST VERIFIED REPAIR
128	PERFORMED TSB 12 6 4 NO CMDTCS INSTALLED SHIELD RE FLASHED PCM CLEAR CODES ROAD TEST OK
129	PERFORM TSB, CK FOR CODES, CK FOR DEFLECTOR PLATE, PROGRAM PCM, RECK.
130	EEC TEST, PINPOINT TEST CODES, REPLACED LEFT SIDE CAT, CONVERTOR AND INSTALLED NEW SHIELD IN FRONT OF CAC and REPROGRAM PER TSB 12 06 04
131	MONITOR IDS POWER BALANCE ON COLD START UP, NO MISS NOTED, ALL CYLINDERS ARE FIRING NORMAL, VISUALLY INSPECT ENGINE OK, TEST FUEL DELIVERY SYSTEM OK, PERFORMED
132	EEC TEST P0306, AS PER TSB 120604A T050 CHECKED DTC S, INSTALLED CAC AIR DEFLECTOR, REPROGRAMMED PCM, CLEARED CODE
133	EEC TEST P0316 P0306, DCL/DATALOGGER DISPLAY TEST, IGNITION SYSTEM TEST PASSED, MONITOR PIDROAD TEST, MONITORED POWER BALANCE and FOUND INTERMITTENT MISFIRE ON NUM
134	VERIFIED CONCERN, CHECK OASIS FOUND 12 06 04, PERFORM TSB REPROGRAM PCM AS PER TSB 120604A.
135	CHECK WITH CUSTOMER NOT FUEL ECONOMY BUT INSTRUMENT CLUSTER REPORTING ON MILEAGE IS OFF, CHECK PROGRAMMABLE PARAMETERS and FOUND TIRE SIZE MISSING (COMMON
136	PULLED CODE P0430 PER TSB 12 06 04 INSTALLED DEFLECTOR PLATE and REPROGRAM THE PCM AFTER CLEARING THE CODE TEST DROVE OK
137	BASE 12650D64 REQUEST MT HOT LINE 1.0HR CONTACT ID 105527957 VERIFIED CUSTOMER CONCERN RETRIEVED DTCS P0306 and P2610 BOTH HAVE TSBS OUT FOLLOWED TSB 12 6 4 HAS NO PO
138	PERFORM TSB 12 6 4 INSTALL DEFLECTOR SHIELD and REPROGRAM PCM AS REQUIRED >
139	ELECTRONIC DIAG and PROVIDE EST EEC TEST CODE P0430 ORDERED PARTS FOR TSB 12 6 4 PERFORMED TSB
140	PERFORMED SELF TEST, RETRIEVED CODES P0300, P0302, P0305, P0306, P0316, PER TSB 12 6 4 REFLASHED PCM, ROAD TESTED ALL FINE AT THIS TIME, CODE 42
141	DIAGNOSED CHECK ENGINE LIGHT ON AS CODE P0430 CAT EFFICIENCY BANK 2, CHECK OASIS and FOUND TSB 12 2 10, PER TSB REPLACED BANK 2 CAT and REPROGRAMMED PCM, ROAD TEST
142	ROAD TEST TO VERIFY CONCERN PERFORM TSB 12 06 04A REPROGRAM PCM INSTALL DEFLECTOR PLATE ROAD TEST OK
143	PCM CALIBRATION VERIFIED CUSTOMER CONCERN RAN OASIS and FOUND APPLICABLE TSB 12 06 04, REPROGRAMED PCM AS PER INSTRUCTIONS and ROAD TEST
144	OPEN CIRCUIT VERIFIED CUSTOMER CONCERN, EEC TEST and PINPOINT TEST FOUND CODE P0402 FOR A MISS ON THE 2 CYLINDER, TESTED THE COIL and FOUND AN OPEN CIRCUIT, COMPRESS
145	RAN EEC SELF TEST FOR CODES and PINPOINT FOUND TSB 12 6 4 PERTAINS ORDER CAC DEFLECTOR and REPLACE REFLASH PCM and TEST DROVE TO RECK OPERATION 18.3 MPG
146	VERIFY CONCERN, TEST FOR CODES NONE, CHECK SSM/ TSB FOUND TSB #12 6 4, REPROGRAM PCM PER TSB #12 6 4, RETEST OK.
147	P0430 MIL ON EEC TEST OASIS TSB 12 6 4 REPLACE LEFT BANK CONVERTER, INSTALL AIR DEFLECTOR, AND REPROGRAM PCM PER TSB ROADTEST OK.

	S	T	U	V	W	X	Y
98	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	4 - Software Revision, Flash Module	0.5
99	F04 - Powertrain	1D01 - Oil Pan & Crank Sealing	*	6K675 - Tube & Union Asy Eng Oil Drain	*	42 - Does Not Operate Properly	0.5
100	F03 - Electrical	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
101	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
102	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
103	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
104	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
105	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
106	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
107	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
108	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
109	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
110	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	12 - Improper Assembly	0.5
111	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
112	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
113	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.5
114	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
115	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
116	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
117	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
118	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
119	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
120	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
121	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
122	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
123	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
124	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
125	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
126	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
127	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
128	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
129	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
130	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
131	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
132	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
133	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	1.3
134	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
135	F04 - Powertrain	7T09 - GEM Module	*	15604 - Body Module Kit	*	12 - Improper Assembly	0.3
136	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
137	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	2.7
138	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
139	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
140	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
141	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
142	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
143	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
144	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	28 - Open Circuit	1.2
145	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
146	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
147	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
98	\$47	\$0	\$47	553076A	2479	Bankston Ford of Fort Worth	817	3705000	TX	USA	NA	152020	E84	USA	
99	\$42	\$11	\$52	8371301	2421	Johnston Ford	903	6282513	TX	USA	NA	152424	1	USA	
100	\$60	\$0	\$60	214743A	B6248	Cam Clark Ford Sales Ltd.	403	9486660	AB	Canada	NA	4A4620	E84	Canada	@
101	\$47	\$11	\$58	094442A	61	Purvis Ford, Inc.	540	8983000	VA	USA	NA	127440	S07	USA	
102	\$70	\$312	\$382	12505901	1692	Cambridge Classic Ford	740	4397767	OH	USA	NA	172730	S07	USA	@
103	\$42	\$0	\$42	6813352	3994	Robichaux Ford	985	4463100	LA	USA	NA	123344	S07	USA	
104	\$48	\$0	\$48	10649501	3042	Covert Ford of Taylor, Inc.	512	7590022	TX	USA	NA	152764	S07	USA	
105	\$43	\$16	\$59	18762002	B2482	Mont-Bleu Ford Inc	819	6690111	QC	Canada	NA	4B2577	E84	Canada	@
106	\$94	\$311	\$405	220416A	7356	Gray-Daniels Ford Lincoln	601	8252801	MS	USA	NA	123309	S07	USA	@
107	\$42	\$12	\$54	199026A	193	Jacky W Jones Ford, Inc.	706	8652168	GA	USA	NA	121444	S07	USA	@
108	\$50	\$11	\$62	174436A	3756	Gordie Boucher Ford Lincoln of	262	3383379	WI	USA	NA	141314	S07	USA	
109	\$85	\$311	\$396	11485701	2246	Bob Chapman Ford, Inc.	937	6420015	OH	USA	NA	147041	S07	USA	@
110	\$35	\$11	\$47	1999652	7687	Shaffer Ford Sales, Inc.	301	3342121	MD	USA	NA	144550	2	USA	
111	\$67	\$11	\$77	690158B	7820	Walnut Creek Ford	925	9322900	CA	USA	NA	172461	S07	USA	@
112	\$92	\$301	\$392	274529A	6621	Duncan Ford	540	4830253	VA	USA	NA	127550	S07	USA	@
113	\$47	\$0	\$47	281123A	20551	New Country Ford, Inc.	518	5847272	NY	USA	NA	113479	S07	USA	
114	\$43	\$0	\$43	2181714	3317	Moffitt's, Inc.	515	4326336	IA	USA	NA	153031	E95	USA	@
115	\$36	\$0	\$36	1520301	333	Southland Ford Inc	229	5673301	GA	USA	NA	121604	S07	USA	@
116	\$49	\$0	\$49	7921203	8362	Broadway Ford, Inc.	208	5258500	ID	USA	NA	156078	S07	USA	@
117	\$43	\$11	\$53	133275B	4180	Moorestville Ford	704	6641300	NC	USA	NA	121725	S07	USA	@
118	\$49	\$10	\$59	39644801	2710	Huntington Ford, Inc.	248	8520400	MI	USA	NA	148593	S07	USA	@
119	\$39	\$0	\$39	83736401	3569	Apple Ford	717	2447677	PA	USA	NA	116517	S07	USA	@
120	\$39	\$10	\$49	230424A	1042	Scenic Motors, Inc.	336	7899591	NC	USA	NA	121734	S07	USA	
121	\$49	\$0	\$49	20633604	1337	Dunphy Motors, Inc.	215	6246700	PA	USA	NA	116011	S07	USA	
122	\$36	\$0	\$36	406908G	5705	Ruxer Ford Lincoln, Inc.	812	4821200	IN	USA	NA	147067	S07	USA	@
123	\$38	\$18	\$57	15277601	2313	Weber-Harris Ford, Inc.	814	3363166	PA	USA	NA	144042	S07	USA	@
124	\$43	\$16	\$59	63936001	1360	New Holland Ford	717	3544901	PA	USA	NA	116511	S07	USA	
125	\$47	\$0	\$47	24217602	8571	Skagit Ford Lincoln	360	7572000	WA	USA	NA	121401	S07	USA	@
126	\$34	\$11	\$45	8478901	7539	Elkins Fordland	304	6362222	WV	USA	NA	144534	S07	USA	@
127	\$32	\$0	\$32	724001	6758	Woody Folsom Ford, Inc.	912	3672466	GA	USA	NA	121776	S07	USA	
128	\$47	\$0	\$47	094443A	61	Purvis Ford, Inc.	540	8983000	VA	USA	NA	127440	S07	USA	@
129	\$41	\$0	\$41	1857002	6499	Hixson Autoplex	318	3883300	LA	USA	NA	123183	S07	USA	@
130	\$86	\$416	\$502	055519A	6123	Grinwald Ford, Inc.	920	2611800	WI	USA	NA	141389	S07	USA	
131	\$59	\$0	\$59	520505A	7863	Downtown Ford Sales	916	4426931	CA	USA	NA	172201	S07	USA	
132	\$49	\$11	\$60	280171B	5340	Royal Oak Ford	248	5484100	MI	USA	NA	148005	S07	USA	@
133	\$127	\$64	\$191	280572B	5340	Royal Oak Ford	248	5484100	MI	USA	NA	148005	S07	USA	@
134	\$60	\$0	\$60	28539801	B6297	Sherwood Ford	780	4493673	AB	Canada	NA	4B6297	1	Canada	
135	\$36	\$0	\$36	28539805	B6297	Sherwood Ford	780	4493673	AB	Canada	NA	4B6297	1	Canada	
136	\$43	\$0	\$43	314077A	3023	Maguire's Ford Lincoln	717	8388300	PA	USA	NA	127039	S07	USA	@
137	\$217	\$59	\$276	060922B	1331	Hoffman Ford Sales, Inc.	717	6571600	PA	USA	NA	127039	S07	USA	@
138	\$45	\$15	\$59	434105	B8099	Northern Lights Ford Sales	705	8562775	ON	Canada	NA	4B1008	2	Canada	@
139	\$81	\$307	\$389	27996301	B8204	Peninsula Ford Lincoln	519	3763252	ON	Canada	NA	4B8204	S07	Canada	
140	\$46	\$0	\$46	339523A	8896	Monaco and Sons Motor Sales, I	860	6523000	CT	USA	NA	111221	S07	USA	@
141	\$90	\$301	\$390	25668401	2299	Klaben Ford Lincoln of Warren.	330	3698525	OH	USA	NA	144219	S07	USA	@
142	\$41	\$11	\$51	061608A	7318	Bedford Ford Lincoln, Inc.	814	6238154	PA	USA	NA	144489	S07	USA	@
143	\$39	\$0	\$39	10443101	3194	Ford of Clinton	910	5926056	NC	USA	NA	121777	S07	USA	
144	\$94	\$64	\$158	10462701	3194	Ford of Clinton	910	5926056	NC	USA	NA	121777	S07	USA	
145	\$46	\$11	\$56	128323A	5627	Mid-Tenn Ford Truck Sales, Inc	615	2592050	TN	USA	NA	123903	S07	USA	
146	\$43	\$10	\$143	3371601	8999	Ashley Ford Sales Inc	508	9965611	MA	USA	NA	111502	S07	USA	
147	\$105	\$311	\$416	3998351	149	Waldorf Ford, Inc.	301	8432400	MD	USA	NA	127047	S07	USA	@

	A	B		D	E	F	G	H	I	J	K	L	M	N
148		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/31/11	04/25/11	06/18/12	33,279	15	4102475
149		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/11	05/12/11	06/08/12	13,650	14	3996337
150		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/20/11	06/04/11	06/19/12	14,863	13	4137128
151		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/31/11	06/02/11	05/30/12	21,784	13	3968202
152		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/27/11	06/25/11	06/11/12	44,795	12	4153999
153		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/03/11	07/12/11	06/07/12	15,952	12	4018442
154		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/09/11	08/09/11	06/18/12	17,615	11	4063171
155	1	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/16/11	09/07/11	06/14/12	35,885	10	4054988
156	2	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/16/11	09/07/11	06/19/12	35,950	10	4186484
157		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/28/11	10/27/11	06/07/12	13,456	8	3904379
158		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/27/11	12/01/11	06/06/12	11,553	7	3981548
159		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/12/11	09/21/11	06/11/12	23,802	9	4014569
160		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/19/11	10/08/11	06/19/12	17,168	9	4097279
161		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/19/11	08/31/11	06/08/12	14,189	10	4133549
162		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/16/11	10/07/11	06/07/12	4,126	9	4153034
163		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/10/11	01/07/12	06/27/12	6,548	6	4163953
164		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/09/11	02/23/12	06/15/12	5,649	4	4120681
165		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/09/11	09/27/11	06/08/12	28,901	9	3996306
166		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/19/11	12/31/11	06/14/12	5,044	6	4134183
167		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/18/11	04/13/11	05/30/12	15,478	14	3899684
168	1	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/20/11	08/30/11	06/07/12	16,043	10	3988258
169	2	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/20/11	08/30/11	06/14/12	16,043	10	4002002
170	1	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/12/11	08/20/11	06/11/12	6,614	10	4121417
171	2	2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/12/11	08/20/11	06/11/12	6,614	10	4121418
172		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/19/11	09/09/11	06/22/12	14,378	10	4153614
173		2011	IFTFWIET4	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/18/11	01/09/12	06/27/12	7,443	6	4138551
174		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/16/11	02/11/11	06/07/12	22,927	17	3934990
175		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/02/11	06/06/11	06/25/12	13,971	13	4166815
176		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/11	07/05/11	06/07/12	19,193	12	4147756
177		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/22/11	08/22/11	06/25/12	7,596	11	4162871
178		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/05/11	07/22/11	06/19/12	27,827	12	4101474
179		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/09/11	09/09/11	06/08/12	20,294	10	3919313
180		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/16/11	08/26/11	06/26/12	13,980	11	4162782
181		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/14/11	11/06/11	06/06/12	6,792	8	3956436
182		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/20/11	11/05/11	06/11/12	14,278	8	4082018
183		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/04/11	10/13/11	06/13/12	5,837	9	4066207
184		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/02/11	05/24/11	06/28/12	31,104	14	4146078
185		2011	IFTFWIET5	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/12/11	12/06/11	06/22/12	34,091	7	4165357
186		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/22/11	06/09/11	06/21/12	12,431	13	4122272
187		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/30/11	05/09/11	06/28/12	28,625	14	4162038
188		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/14/11	12/27/11	06/26/12	8,479	7	4163910
189		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/06/11	04/28/11	06/11/12	29,191	14	4030774
190		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/11/11	06/20/11	06/25/12	27,918	13	4094547
191		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/10/11	06/30/11	06/14/12	26,139	12	4036393
192		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/18/11	03/29/12	06/17/12	2,158	3	4062660
193		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/03/11	08/30/11	06/07/12	10,388	10	3903238
194		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/06/11	09/29/11	06/22/12	14,842	9	4085069
195		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/18/11	12/22/11	06/12/12	7,084	6	4144943
196		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/24/11	10/25/11	06/11/12	33,345	8	4120309
197		2011	IFTFWIET6	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/03/11	12/15/11	06/12/12	5,726	7	4103158

	O	P
148	V29 - Check Engine Light	E29 - Check Engine Light Trouble
149	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
150	V52 - Driveability	D42 - Poor Performance/Lacks Power
151	V29 - Check Engine Light	E29 - Check Engine Light Trouble
152	V29 - Check Engine Light	E29 - Check Engine Light Trouble
153	V29 - Check Engine Light	E29 - Check Engine Light Trouble
154	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
155	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
156	V29 - Check Engine Light	E29 - Check Engine Light Trouble
157	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
158	V29 - Check Engine Light	E29 - Check Engine Light Trouble
159	V52 - Driveability	D42 - Poor Performance/Lacks Power
160	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
161	V29 - Check Engine Light	E29 - Check Engine Light Trouble
162	V40 - Good Idle Quality	D13 - Engine Idles Rough
163	V40 - Good Idle Quality	D13 - Engine Idles Rough
164	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
165	V29 - Check Engine Light	E29 - Check Engine Light Trouble
166	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
167	V29 - Check Engine Light	E29 - Check Engine Light Trouble
168	V52 - Driveability	D02 - Engine would not Start
169	V52 - Driveability	D02 - Engine would not Start
170	V29 - Check Engine Light	E29 - Check Engine Light Trouble
171	V52 - Driveability	D42 - Poor Performance/Lacks Power
172	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
173	V52 - Driveability	D42 - Poor Performance/Lacks Power
174	V29 - Check Engine Light	E29 - Check Engine Light Trouble
175	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
176	V52 - Driveability	D42 - Poor Performance/Lacks Power
177	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
178	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
179	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
180	V52 - Driveability	D42 - Poor Performance/Lacks Power
181	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
182	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
183	V40 - Good Idle Quality	D13 - Engine Idles Rough
184	V52 - Driveability	D42 - Poor Performance/Lacks Power
185	V52 - Driveability	D42 - Poor Performance/Lacks Power
186	V29 - Check Engine Light	E29 - Check Engine Light Trouble
187	V52 - Driveability	D42 - Poor Performance/Lacks Power
188	V29 - Check Engine Light	E29 - Check Engine Light Trouble
189	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
190	V29 - Check Engine Light	E29 - Check Engine Light Trouble
191	V29 - Check Engine Light	E29 - Check Engine Light Trouble
192	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
193	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
194	V40 - Good Idle Quality	D13 - Engine Idles Rough
195	V29 - Check Engine Light	E29 - Check Engine Light Trouble
196	V29 - Check Engine Light	E29 - Check Engine Light Trouble
197	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed

	Q
148	CUSTOMER STATES CHECK ENGINE LIGHT ON
149	OWNER STATES THAT ENG HAS A MISFIRE UPON ACCELERATION CHECK and ADVISE
150	CUST STATES VEHICLE SURGES AT STOPS AT TIMES. CUST SAYS ALSO VEHICLE FEELS LIKE ITS HESITATING and HAS MISS FIRE AT HWY SPEED . NO WARNING LIGHT COME ON
151	CHECK ENGINE LIGHT ON SEEMS TO RUN OK
152	CHECK ENGINE LIGHT KEEPS COMING ON IT IS OFF NOW
153	CUST STATES CHECK ENGINE LIGHT WAS FLASHING and WAS SPITTING and SPUTTERING
154	CHECK HESITAION and STUMBLE ON HARD ACCELERATION
155	TRANSMISSION SHIFTS HARD & SHUDDERS WHEN SHIFTING
156	CHECK ENGINE LIGHT FLASHING & ENGINE RUNNING ROUGH
157	ENGINE SEEMS TO SURGE AT CRUISING SPEEDS AT TIMES
158	CHECK ENGINE LITE ON , MIL LAMP, ASSESS and REPORT
159	CUST STATES VEHICLE HAD NO POWER CK ENG LIGHT CAME ON FLASHING THEN WENT OUT TRUCK RUNNING OK AT THIS TIME CK and ADVISE
160	CUSTOMER STATES THAT CHECK ENGINE LIGHT WAS ON and WRENCH LIGHT WAS ON BAD FUEL ECONOMY and SEEMED TO BE SLIPPING IN GEARS and LOOSING POWER, ALSO SEEMS TO SKIP
161	CHECK ENGINE LIGHT
162	CUSTOMER STATES TRUCK IS RUNNING ROUGH
163	C S: ENGINE MISSING WHEN IDLING
164	ENGINE SURGES UNDER LOAD
165	CUSTOMER STATES CHECK ENGINE LIGHT STAYS ON WHILE DRIVING
166	EMISSION SYSTEM CUSTOMER STATES THAT TRUCK HAS A HARSH SHIFT BETWEEN 2ND & 3RD GEAR ON LIGHT LOAD & THAT AFTER LAST TIME HERE WE REPROGRAMED PCM . HE STATES
167	TEMOIN ANOMALIE MOTEUR ALLUME SUITE DE TRAVAUX DOCUMENT WT07808 CODE P0430 TSB 12 6 4 REPROGRAMME PCM ET COMMANDE CATALY SEUR.
168	SEE CUSTOMER CONCERN 2 CUSTOMER IS COMPLAING ABOUT POOR GAS MILEAGE and ALSO THAT THE TRUCK AT STOP LIGHTS FEELS LIKE IT ISCHOKING and ENGINE FEELS LI
169	SEE CUSTOMER CONCERN 1 CUSTOMER STATES THAT TRUCK WONT TURN OVER PLEASE CHECK and ADVISE.TRUCK WAS TOWED IN
170	E29 CHECK ENGINE LAMP ON,NO POWER VEHICLE IS MISSING BAD PER CUSTOMER.AFTER HARD ACCEL TOWED IN PER ROAD SIDE (YAMNITZ)
171	D42 CUSTOMER CAME BACK AFTER TSB# 12 06 04 WAS PERFORMED CHECK ENGINE LAMP CAME ON HAS WASH BOARD EFFECT ON DECEL AFTER LAMP CAME ON HARD ACCEL ADDED RL DR
172	CUSTOMER STATES TRUCK HAS A SURGE AT HWY SPEEDS AFTER LONG DRIVE 1 2 HOURS
173	CUSTOMER HAS BEEN HAVING DRIVEABILITY ISSUES IN WET and HUMID CONDITIONS. CHECKSEE ATTACHED TSB.
174	CUSTOMER STATES CHECK ENGINE LIGHT KEEPS COMING ON and THEN WILL GO OFF and NOW IS BACK ON
175	CUST STATES GAS MILAGE IS POOR 12.4 and IS GETTING WORSE. DOESNT SEEM TO HAVE POWER WHEN ACCELL
176	CUSTOMER STATES ENGINE FEELS LIKE MISSES GOING UP INCLINES RUNS Rough . fuel mileage at 17 mpg see history
177	DRIVEABILITY FUEL ECONOMY POOR and WILL CHUFF/CHUGG SMOKE ON HEAVY ACCELERATION.
178	VEHICLE RUNNING ROUGH
179	TRANSMISSION SHIFTING CONCERN CHECK FOR ANY LATER CALIBRATIONS FOR SHIFT ISSUES
180	WHEN HIGHWAY CRUISING AT 90 KMH and START TO GO UP A HILL,CAN FEEL A SHUDDERING, AS ACCELERATING TO 100 KMH ON THE HILL. ONCE OVER 100 KMH,DONT FEEL IT.IF HOLD AT 90
181	CUSTOMER STATES VEHICLE MISSES UNDER LOAD, OR WHEN LOADED***UPHILL, OR WHEN TOWING. ON TAKE OFF
182	CUST STATES WHEN TOWING AT HIGH SPEEDS, VEHICLE SURGES ..FW A
183	INTERMITTENT STUMBLE ON HARD ACCEL AFTER WARMED U, SURGESI WHEN IN CRUISE
184	INTERMITTENT LACK OF POWER
185	CUSTOMER STATES VEHICLE CUTS OUT ON ACCELERATION
186	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON, WAS FLASHING. STUTTERED MORE SO UNDER LOAD.
187	LOSS OF POWER LAG FELT AT HIGHWAY SPEEDS, HARDACCELERATION WHEN RAINING/WET WEATHER
188	CUSTOMER STATES THE CHECK ENGINE LIGHT IS COMING ON SOP HERE
189	CUSTOMER REPORTED CEL IS ON,WRENCH LIGHT COMES ON,SERVICE ADVANCE TRAC.THIS ISSUE CAN OCCUR WHEN THE CRUISE CONTROL IS SET and WILL KICK OUT.THE VEHICLE STARTS I
190	WHEN PASSING ON HIGHWAY, VEHICLE SHAKING and CHECK ENGINE LIGHT ON MIL LIGHT OFF NOW WHEN AT IDLING. INTERMITTENT VEHICLE RPM DROPS and FEELS LIKE STALLING
191	CUST STS ENGINE LIGHT IS ON
192	REPAIR RUNNING ROUGH >
193	Customer states when accelerating on to freeway vehicle started shuttering had loss off power and didn't act like it wanted to shift, then seemed to be missing. after coasting for about 3
194	DRIVEABILITY CONCERN CUSTOMER STATES WHEN COMING TO A STOP. IDLE DROPS VERY LOW and FEELS LIKE GOING TO STALL OCCAISIONAL STUTTER FROM A STOP
195	MECANIQUE AUTOMOBILE ATELIER 1 CHECK ENGINE ALLUMER >
196	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON CK and ADVISE
197	CHECK SURGING WHILE CRUISING

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148	P0297 VEHICLE OVERSPEED P0430 CATALYTIC BELOW EFFICIENCY
149	ROADTEST CONFIRM ENG MISFIRE, EEC TEST NO CODES FLASHED PCM PER 12 6 4 TSB
150	PERFORM TSB 12 6 4 CHECK DTCS INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY and REPROGRAM THE PCM
151	PERFORMED KOEO SELF TEST FOUND CODES P0430 and P0096. PERFORMED TSB 12 2 10 REPLACED LEFT BANK CONVERTER and PCM UPDATE.
152	VERIFIED CONCERN. FOUND CODE P0430. CHECKED FOR TSB S FOUND TSB 12 6 4. REPLACE LEFT SIDE CATALYTIC CONVERTER and INSTALL CAC DEFLECTOR. REP
153	TEST DROVE, RAN EEC SYSTEM TEST, PERFORMED TSB NO.12 06 04, REPROGRAMMED PCM & R&R LEFT CAT CONVERTER. 120604B 1.0 WPI
154	ROAD TEST TO VERIFY CONCERN,PERFORM SELFTEST,CHECK OASIS FOUND TSB 12 6 4.PERFORM TSB,INSTALL CAC DEFLECTOR KIT and PROGRAM PCM TO LATEST SOFTWARE.ROAD TEST,VE
155	REPROGRAM PCM
156	REPLACED #5 COIL & PLUG P0305
157	MODULE UPDATE REPROGRAM THE PCM
158	NGS TST , CODES P0430, MT TIME TO DIAG , CK OASIS, REPL DEFECTIVE CAT CONVERTOR & REPROGRAM PSM AS PER TSB 120604.
159	DIAG TESTED SYSTEM NO DTC PRESENT ROAD TESTED OPERATING NORMALLY RAN SSM and TSB FOUND TSB 12 6 4 FOR CONCERN RANDOM MISFIRE NO POWER REPROGRAMED PCM and RE
160	VERIFIED CONCERN; CONNECTED IDS and CHECKED FOR DTCS; FOUND P0316 P130D. CHECKED OASIS FOUND TSB 12 6 4 APPLIES, P0430 NOT PRESENT AT THIS TIME and NO AIR DEFLECTOR PL
161	DIAG USING TSB 12 6 4, REPROGRAMMED THE PCM & REPLACED LEFT CONVERTER FOR CODE P0430.
162	VERIFIED VEHICLE RUNS SLIGHTLY ROUGH. SELF TEST P0300. RAN OASIS FOUND TSB12 6 4.INSTALLED CAC AIR DEFLECTOR PLATE and REPROGRAMMED PCM. RE TEST PASS. TEST DRIVE RUN
163	TESTED SYSTEM NO CODES NO MISFIRES CHECKED OASIS FOUND TSB 12 06 04 REPROGRAMED PCM PER TSB
164	TEST DRIVE,VERIFY CONCERN,CK OASIS FOUND TSB 12 6 04 INSTALL CAC AIR DEFLECTOR REPROGRAM PCM
165	PERF TSB 120604 REPL EXHAUST CONVERTER and REPROGRAM PCM INSTALL ADJUSTING SCREW
166	Verified harsh 2 3 shift under light load. Checked oasis, tsbs. Found no matching concerns. Unable to verify loss in fuel mileage, Checked mode 6 misfire data for sooted tailpipe. No misfires in last 10 drive cycles. GORDON
167	REPLACER CATALYSEUR SELON TSB12 6 4 - REPROGRAMMER PCM
168	ROAD TEST. VERIFY SOME SURGE, FOUND TSB 12 06 04. ORDER PARTS, WHEN PARTS COME IN. THEN WE WILL REPROGRAM 1235 PERFORMED THE FOLLOWING
169	CHECKED FOR NO CRANK CONCERN VERIFIED,HOOKED UP JUMP BOX VEHICLE STARTED RIGHT UP,PERFORMED DIAG FAST CHARGE TEST ON BATTERY FAILS TEST DTC CODE 17AIS
170	MISS NOT PRESENT WHEN VEHICLE ARRIVED,NO MISS DETECTED UNDER LOAD ECC TEST P0302 CM,VISUAL CHECK IGNITION SYSTEM ALL LOOKS OK,CHECK OASIS TSB#12 6 04 OPEN FOR RE
171	ECC TEST CODE P0302 MIS PRESENT VERIFY WASH BORAD TYPE VIBRATION ON DECEL AFTER WARM,SWIT CH COILS #1,#2 CYLINDERS MISS SWITCHED TO #1 REPLACE #1 COIL and RETEST OK
172	IMPROPER ASSEMBLY
173	PERFORMED SELF TEST OF PCM, NO DTCS PERFORMED TSB 12 6 4 REPROGRAMMED PCM and INSTALLED DEFLECTOR AS PER OPERATION 120604A R50
174	PERF SELF TEST P0430 INSPECTED CAC HAS SHIELD REPROGRAMMED PCM and REPLACE LEFT BANK CAT PER TSB 12 06 04
175	REPROGRAM PCM ,NO CODES,INSTALL SHIELD.
176	VERIFY CONCERN ENGIN EMISSES/MIL ON KOEO PASS CMDTC P0306 TSB 12 6 4 INSTALLED AIR DEFLECTOR PLATE,REPROGRAM PCM NO CONCERN AT THIS TIME
177	VERIFY CONCERN INTERMITTANT HESITATION ON ACCEL. AT HIGHWAY SPEEDS NO SERVICE CODES PID DATA OK CHECK TSB 12 6 4. CHECK FOR CAC AIR DEFLECTOR PLATE OK REPRO
178	PERFORM TSB 120604B VERIFIED CONCERN. EEC TESTED and HAD CODE P0299 TURBO SUPER CHARGER UNDER BOOST CONDITION. FOUND TSB 12 6 4, REPROGRAMMED PCM and INSTALLED.
179	UPDATE PCM TO LATEST CALIBRATION AS PER TSB 12 06 04
180	DIAGNOSED AS PER TSB12 6 4, VERIFIED CONCERN. PERFORMED PCM RERPROGRAMMING WITH LATEST CALIBRATIONS. REROADTEST, OK. NOTED TO CUSTOMER, TRANSMISSION WILL NOW G
181	HOOKED UP IDS and SELF TESTED, FOUND NO CODES, CHECKED MODE 6 DATA and FOUND NO MISSFIRES IN HISTORY, FOUND UPDATED PCM CALIBRATION, UPDAIED CALIBRATION and RETEST
182	SURGE VARIFIED WITH FSE. PERFORM TSB 12 06 04, SELF TEST NO CODES, CHECK and FOUND NO DEFLECTOR, INSTALL DEFLECTOR, REPROGRAM THE PCM WITH IDS RELEASE 79.03 CALABRA
183	PCM TO LATEST LEVEL ROAD TEST OPERATION OK
184	REPRI PER TSB 12 06 04
185	VERIFIED CONCERN PERFORM IDS DIAGNOSIS NO COD ES REFERENCED TSB 12 06 04 STEP ONE NO STEP TWO YES STEP 4 RECAL PCM
186	UNABLE TO VERIFY CONCERN DID FIND CHECK ENGINE LIGHT ON, RAN ELECTRONIC ENGINE CONTROL TEST RETRIEVED CODE P0306 MONITORED PIDS ON ROAD TEST, INPUTS and OUTPUTS C
187	NEC TO REPAIR PER TSB 12 06 04
188	PCM CALIBRATION UPDATE & CONVERTOR COMING APART CC42 IDS TEST CODE P0430 MONITOR PIDS REPLACE LEFT CATALYTIC CONVERTOR & PROGRAM PCM AS PER TSB 12 6 4 CLEAR CO
189	NO CODES PRESENT AT THIS TIME. CHECKED OASIS NOAPPLICABLE TSB. CONTACT HOT LINE ADVISED TO USE TSB 12 6 4. UPDATED PCM TO LATEST LEVEL. CAC AIRDEFLECTOR PLATE CUR
190	CHECK DTC, CHECK CAL PLATE and REPROGRAM PCM PER TSB OK AT THIS TIME.
191	IDS DIAGNOSIS CODES P0430, DATA LOGGER TEST, CMS #22 SWITCHING SAME AT FRONT PERFORMED TSB# 12 02 10 REPLACED CAT. CONVERTEROR LEFT SIDE REPROGRAMED PCM and RET
192	SELF TEST; NO CODES. REPROGRAM PCM PER TSB 12 6 4 >
193	tsb 12 6 4 reprogramed pcm has all deflectors
194	EEC TEST, NO CODES, HAS DEFLECTOR PLATE REPROGRAM PCM, RD TEST AS PER 12 06 04A
195	VERIFIER PLAINTE DU CLIENT VERIFIER CHECK ENGINE ALLUME CODE P0430 CATALYS EFFICIENCY BELOW SELON 12 6 4 A FAIT UPGRADE PCM ET CATALYSEUR DOIT ETRE REMPLACER. >
196	5E212 (OPERATION B) 12 120604B 1 HOUR 2011 2012 F 150 3.5L GTDI CHECK DTCS, REPLACE THELEFT CATALYTIC CONVERTER, INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY
197	CHECK SURGING WHILE CRUISING. NO CODES PRESENT. CHECK OASIS. PERFORMED TSB 12 06 04.

	S	T	U	V	W	X	Y
148	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
149	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
150	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
151	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
152	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
153	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
154	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
155	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.5
156	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	28 - Open Circuit	0.8
157	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
158	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.6
159	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
160	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
161	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
162	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
163	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
164	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
165	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
166	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
167	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
168	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
169	F04 - Powertrain	7A01 - Battery	BXT	65 - Motorcraft Battery	750	42 - Does Not Operate Properly	0.4
170	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
171	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	0.5
172	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	12 - Improper Assembly	0.5
173	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
174	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
175	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
176	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
177	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
178	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
179	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
180	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
181	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
182	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
183	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
184	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
185	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
186	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
187	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
188	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
189	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
190	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
191	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	0.5
192	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
193	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
194	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
195	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
196	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
197	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5



	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
148	\$92	\$311	\$403	6404902	8280	Jim Hudson Ford	803	3594114	SC	USA	NA	121274	S07	USA	@
149	\$44	\$13	\$57	12370101	568	Steve Baldo Ford, Inc.	716	2837691	NY	USA	NA	144606	S07	USA	@
150	\$49	\$12	\$62	164246A	7815	Frank Jackson Sandy Springs Fo	770	6770700	GA	USA	NA	121002	S07	USA	@
151	\$91	\$405	\$496	135525B	2916	Spirit Ford, Inc.	734	5295521	MI	USA	NA	148430	S07	USA	@
152	\$91	\$311	\$402	15364301	10670	Woodhouse Lincoln	402	5921044	NE	USA	NA	153507	S07	USA	
153	\$83	\$293	\$406	2969701	6503	Hixson Autoplex	318	4480871	LA	USA	NA	123370	S07	USA	@
154	\$39	\$15	\$53	5460901	B3274	Canso Ford Sales Ltd	902	6251338	NS	Canada	NA	4B3274	E84	Canada	@
155	\$43	\$0	\$43	072686A	8277	Classic Ford	409	7440481	TX	USA	NA	152753	S07	USA	@
156	\$69	\$64	\$133	072744A	8277	Classic Ford	409	7440481	TX	USA	NA	152753	S07	USA	@
157	\$46	\$0	\$46	4987151	4948	Gary Smith Ford Inc	850	2444111	FL	USA	NA	124555	S07	USA	
158	\$138	\$404	\$542	4114171	B8242	Montgomery Ford Sales Limited	519	5282813	ON	Canada	NA	4B8242	S07	Canada	
159	\$40	\$0	\$40	27010201	671	Nye Ford, Lincoln	315	3630600	NY	USA	NA	113552	S07	USA	
160	\$45	\$11	\$56	70071001	998	Crossroads Ford, Inc.	919	4671881	NC	USA	NA	121026	S07	USA	@
161	\$98	\$301	\$399	1712901	2700	Skalnek Ford, Inc.	248	6936241	MI	USA	NA	148409	S07	USA	@
162	\$55	\$11	\$66	48428001	8619	Cal Worthington Ford Lincoln	907	2765300	AK	USA	NA	174543	S07	USA	@
163	\$42	\$0	\$42	196970A	1046	Cloninger Ford of Hickory	828	3282223	NC	USA	NA	121628	S07	USA	@
164	\$41	\$11	\$52	158672A	6993	Precision Ford	910	8142243	NC	USA	NA	121623	S07	USA	
165	\$102	\$322	\$424	173001A	529	Gene Evans Team Ford and Linco	770	9649801	GA	USA	NA	116710	S07	USA	@
166	\$45	\$11	\$56	1714821	3457	Ulrich Motor Co.	641	6282184	IA	USA	NA	153688	S07	USA	
167	\$106	\$304	\$411	10893201	B2447	Val Estrie Ford Lincoln	819	5634466	QC	Canada	NA	4B2447	S07	Canada	
168	\$44	\$16	\$60	5844403	9473	Tenvoorde Ford, Inc.	320	2510540	MN	USA	NA	158584	S07	USA	
169	\$35	\$109	\$145	5875302	9473	Tenvoorde Ford, Inc.	320	2510540	MN	USA	NA	158584	E83	USA	
170	\$37	\$11	\$48	5576301	8144	Lutesville Motor Company	573	2382631	MO	USA	NA	123236	S07	USA	
171	\$37	\$59	\$96	5576303	8144	Lutesville Motor Company	573	2382631	MO	USA	NA	123236	S07	USA	
172	\$43	\$10	\$53	5377701	9572	Holt Motors, Inc.	320	2862176	MN	USA	NA	158633	E83	USA	@
173	\$47	\$10	\$57	15461003	9757	Luther Family Ford	701	2822350	ND	USA	NA	158600	S07	USA	@
174	\$104	\$293	\$397	154776A	5266	Groove Ford	303	6439000	CO	USA	NA	156001	S07	USA	@
175	\$45	\$1	\$46	539636A	4584	Champion Ford	361	9946200	TX	USA	NA	152068	S07	USA	
176	\$38	\$11	\$50	023158A	1087	Taylor Motor Co of Waynesville	828	4525111	NC	USA	NA	121667	S07	USA	
177	\$43	\$0	\$43	8104611	B8242	Montgomery Ford Sales Limited	519	5282813	ON	Canada	NA	4B8242	1	Canada	@
178	\$50	\$13	\$63	24544201	6724	Bill Talley Ford, Inc.	804	7462000	VA	USA	NA	127494	S07	USA	@
179	\$48	\$0	\$48	3403207	8295	Matthews Paoli Ford	610	6444700	PA	USA	NA	116032	S07	USA	@
180	\$45	\$0	\$45	29716702	B8112	George Stockfish Ford (1987)	705	4761506	ON	Canada	NA	4B8112	E84	Canada	@
181	\$48	\$0	\$48	378105A	8616	Chuck Colvin Auto Center	503	4726124	OR	USA	NA	174501	S07	USA	@
182	\$50	\$12	\$62	284183A	3573	Gwinnett Place Ford Lincoln	770	4762090	GA	USA	NA	121025	S07	USA	@
183	\$50	\$0	\$50	028350A	2771	Jack Demmer Ford, Inc.	734	7212600	MI	USA	NA	148016	S07	USA	@
184	\$35	\$15	\$50	152427D	B3817	Hatheway Limited	506	5464464	NB	Canada	NA	4B3817	E84	Canada	@
185	\$45	\$0	\$45	1956702	2871	Excel Ford Lincoln, LP	903	6933821	TX	USA	NA	153900	S07	USA	@
186	\$39	\$0	\$39	593211	9636	Gaylord Ford Lincoln, Inc.	989	7326737	MI	USA	NA	148576	S07	USA	@
187	\$35	\$15	\$50	152433A	B3817	Hatheway Limited	506	5464464	NB	Canada	NA	4B3817	E84	Canada	@
188	\$94	\$293	\$387	55196101	1014	Dale Jarrett Ford	704	2838521	NC	USA	NA	121660	S07	USA	@
189	\$64	\$0	\$64	102883A	A7019	Capital Motors (1985) Ltd	250	7828589	BC	Canada	NA	4A7019	E84	Canada	@
190	\$50	\$0	\$50	25102101	A1306	Twin Hills Ford Lincoln Limite	905	8844441	ON	Canada	NA	4B1368	E84	Canada	@
191	\$44	\$301	\$405	15336101	4545	McCombs Ford West	210	5091000	TX	USA	NA	156025	S07	USA	@
192	\$43	\$0	\$43	4701	B1192	Revell Motor Sales Ltd.	613	3742133	ON	Canada	NA	4B1192	2	Canada	
193	\$41	\$0	\$41	910201	3373	Jensen, Inc.	641	7535501	IA	USA	NA	121407	S07	USA	@
194	\$48	\$0	\$48	3462401	8295	Matthews Paoli Ford	610	6444700	PA	USA	NA	116007	S07	USA	@
195	\$88	\$293	\$381	783302	A2203	Hardy Ringuette Automobiles In	819	8250752	QC	Canada	NA	4A2203	S07	Canada	
196	\$85	\$316	\$401	5721601	6420	Bayview Ford Lincoln, LLC	251	6267777	AL	USA	NA	121015	S07	USA	
197	\$43	\$11	\$55	076411A	9273	Deml Ford Lincoln, Inc.	507	8353425	MN	USA	NA	158625	S07	USA	@

	A	B		D	E	F	G	H	I	J	K	L	M	N
198		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/19/11	05/06/11	06/21/12	18,099	14	4146222
199		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/07/11	05/09/11	06/28/12	21,884	14	4167980
200		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/09/11	04/22/11	06/15/12	22,900	15	4000607
201		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/19/11	05/21/11	06/06/12	26,385	13	3956362
202		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/21/11	05/05/11	06/04/12	22,051	14	4078522
203		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/06/11	06/21/11	06/12/12	14,641	12	3994916
204		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/08/11	08/20/11	06/27/12	12,120	11	4166956
205		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/21/11	07/12/11	06/13/12	61,224	12	3980997
206		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/23/11	09/30/11	06/14/12	34,448	9	4170465
207		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/12/11	09/02/11	06/07/12	15,282	10	4136191
208		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/12/11	09/23/11	06/08/12	7,601	9	3931922
209	1	2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/23/11	10/18/11	06/13/12	15,501	8	4116383
210	2	2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/23/11	10/18/11	07/02/12	16,155	9	4234211
211		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/28/11	11/30/11	06/07/12	7,661	7	4014787
212		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/28/11	11/15/11	06/21/12	9,900	8	4132439
213		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/28/11	09/08/11	06/07/12	13,169	10	3913531
214		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/27/11	07/20/11	06/26/12	7,876	12	4122203
215		2011	IFTFWIET7	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/29/11	12/07/11	06/14/12	18,798	7	4078855
216		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/21/11	02/15/11	06/18/12	9,647	17	4096275
217		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/07/11	08/17/11	06/18/12	15,474	11	4113672
218		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/18/11	05/10/11	06/20/12	19,275	14	4101394
219		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/02/11	06/30/11	06/16/12	32,124	12	4164334
220		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/08/11	05/28/11	06/20/12	15,849	13	4118145
221		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/16/11	09/25/11	06/12/12	8,084	9	3985990
222		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/06/11	06/21/11	06/12/12	29,982	12	3966537
223		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/16/11	09/26/11	06/27/12	21,337	10	4163678
224		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/04/11	08/11/11	06/19/12	15,668	11	4036077
225	1	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/21/11	11/07/11	06/07/12	13,852	8	4081381
226	2	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/21/11	11/07/11	06/26/12	14,431	8	4148707
227	1	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/22/11	12/31/11	06/06/12	10,223	6	3953378
228	2	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/22/11	12/31/11	06/22/12	11,540	6	4268752
229		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/03/11	12/21/11	06/18/12	4,972	7	4068177
230		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/01/11	12/08/11	06/18/12	15,187	7	4035749
231	1	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/04/11	12/17/11	06/06/12	10,804	6	3901311
232	2	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/04/11	12/17/11	06/12/12	11,359	6	4080063
233	1	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/24/11	06/15/11	06/07/12	13,829	12	3948920
234	2	2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/24/11	06/15/11	06/27/12	14,649	13	4146079
235		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/12/11	08/01/11	06/14/12	23,475	11	4019328
236		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/25/11	11/09/11	06/06/12	24,630	8	3932766
237		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/23/11	10/24/11	06/20/12	6,633	9	4078995
238		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/17/11	01/07/12	06/27/12	5,344	6	4170329
239		2011	IFTFWIET8	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/28/11	01/24/12	06/28/12	10,315	6	4171410
240		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/09/11	03/18/11	06/04/12	35,251	15	3915117
241		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/28/11	04/13/11	06/27/12	16,540	15	4145023
242		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/24/11	09/03/11	06/06/12	25,201	10	4134828
243		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/08/11	02/04/12	06/18/12	10,260	5	4118754
244		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/12/11	05/31/11	06/05/12	17,972	13	3988142
245		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/25/11	06/17/11	06/15/12	20,473	13	4153037
246		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/05/11	06/30/11	06/11/12	10,469	12	3968976
247		2011	IFTFWIET9	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/03/11	06/30/11	06/18/12	33,654	12	4147685

	O	P
198	V29 - Check Engine Light	E29 - Check Engine Light Trouble
199	V52 - Driveability	D21 - Engine Stalls
200	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
201	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
202	V49 - Powertrain Good Sound and NVH	N12 - Unusual Engine Noise while Driving
203	V52 - Driveability	D42 - Poor Performance/Lacks Power
204	V29 - Check Engine Light	E29 - Check Engine Light Trouble
205	V29 - Check Engine Light	E29 - Check Engine Light Trouble
206	V29 - Check Engine Light	E29 - Check Engine Light Trouble
207	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
208	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
209	V48 - Auto Trans	P59 - Other Auto Trans Troubles
210	V29 - Check Engine Light	E29 - Check Engine Light Trouble
211	V52 - Driveability	D42 - Poor Performance/Lacks Power
212	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
213	V52 - Driveability	D42 - Poor Performance/Lacks Power
214	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
215	V29 - Check Engine Light	E29 - Check Engine Light Trouble
216	V52 - Driveability	D42 - Poor Performance/Lacks Power
217	V40 - Good Idle Quality	D13 - Engine Idles Rough
218	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
219	V29 - Check Engine Light	E29 - Check Engine Light Trouble
220	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
221	V52 - Driveability	D42 - Poor Performance/Lacks Power
222	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
223	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
224	V48 - Auto Trans	P59 - Other Auto Trans Troubles
225	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
226	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
227	V29 - Check Engine Light	E29 - Check Engine Light Trouble
228	V29 - Check Engine Light	E29 - Check Engine Light Trouble
229	V29 - Check Engine Light	E29 - Check Engine Light Trouble
230	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
231	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
232	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
233	V52 - Driveability	D42 - Poor Performance/Lacks Power
234	V52 - Driveability	D42 - Poor Performance/Lacks Power
235	V29 - Check Engine Light	E29 - Check Engine Light Trouble
236	V29 - Check Engine Light	E29 - Check Engine Light Trouble
237	V29 - Check Engine Light	E29 - Check Engine Light Trouble
238	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
239	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
240	V29 - Check Engine Light	E29 - Check Engine Light Trouble
241	V52 - Driveability	D42 - Poor Performance/Lacks Power
242	V29 - Check Engine Light	E29 - Check Engine Light Trouble
243	V29 - Check Engine Light	E29 - Check Engine Light Trouble
244	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
245	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
246	V29 - Check Engine Light	E29 - Check Engine Light Trouble
247	V29 - Check Engine Light	E29 - Check Engine Light Trouble

	Q
198	CHECK ENGINE LIGHT ON
199	CUST STATES VEHICLE SPUTTERS WHEN and FEELS LIKE IT IS GOING TO DIE WHEN LEAVING FROM A STOP
200	VEHICLE SURGES WHILE DRIVING
201	DIAGNOSE VEHICLE and ADVISE. CHECK ENGINE LIGHT WAS RUNNING ROUGH DURING HARD ACCEL
202	VERIFIER BRUIT DE SILEMENT MOTEUR EN ACCELERATION LENTE
203	LOSES ALL POWER INTERMITTANTLY TRIED TO PASS and NOTHING THE RE.CHECK TSB S
204	CHECK ENGINE LIGHT IS ON SOP IN STOCK
205	ECC EMISSION CONTROL SYSTEM CE LITE ON
206	CUSTOMER STATES THAT THE CHECK ENGINE LIGHT IS ON.
207	CUSTOMER STATES FEELS HESITATION OR MISS AT TIMES.
208	CK FUEL MILEAGE DROPPED GETTING 10 12 INTOWN
209	CUST STATES ACCEL 60 70 MPH,HARSH ENGAGEMENT,ALSO WOULD NOT GO OVER 60 MPH ADVISE TRANSMISSION LIGHT ON ADVISE
210	CUST. STATES CHECK ENGINE LIGHT CAME ON,VEHICLE STARTED VIBRATING UPON ACCEL AROUND 60MPH,NOW EVEN HAPPENING AT LOWER SPEEDS 40 50 MPH ADVISE
211	CUST STATES CAN FEEL MISFIRE AT HWY SPEED WHEN HOT and HUMID
212	CUSTOMER STATES MISSING ON ACCEL
213	CUSTOMER SAID VEHICLE LOST ALL POWER and WOULD NOT GO OVER 100KM/H
214	CUSTOMER STATES CHECK HARSH TRANSMISSION SHIFT POINT WHEN SHIFTING FROM FIRST TO SECOND GEAR. MOSTLY FIRST TIME EACH DRIVE CYCLE.
215	DIAGNOSE CHECK ENGINE LIGHT IS ON
216	CUSTOMER PULLED OUT PASS and LOST POWER, WAS RAINING OUTSIDE
217	ENGINE MECHANICAL CHECK VEHICLE FEELING ROUGH WHEN UNDER STRAIN
218	MIL LIGHT WILL COME ON and FLASH AT TIMES WHEN PULLING A LOA LOAD..
219	C/S CHECK ENGINE LIGHT CAME ON BUT WENT OFF FEW DAYS AGO, RUN CODES and ADVISE
220	CUSTS STAES TRANS UPSHIFT CONCERN.....
221	INSPECT FOR ROUGH IDLE and SAID FUEL MILEAGE IS POOR
222	HESITATES AT TIMES SURGE UNDER LOAD
223	CK STUMBLE IN HIGHWAY GEAR and CLUNKS CK TSB
224	CUSTOMER STATES THAT IN SECOND GEAR, WHILE TOWING, VIBRATION FELT. VIBRATION IS ON INITIAL TAKE OFF THRU FIRST and 2ND GEAR.
225	CUST STATES HAS ENGINE SURGE AT TIMES
226	CUST STATES HAS NO POWER ON TAKE OFF, SHIFTS ERRACTIC HARD ON FUEL SINCE LAST UPDATE
227	CS ENGINE LIGHT GOES ON and OFF
228	CS CHECK ENGINE LIGHT ON CHECK HISTORY
229	CUSTOMER STATES CK ENGINE LIGHT CAME ON WHEN DRIVING CK & ADVISE
230	CUSTOMER STATES VEHICLE FEELS LIKE ITS MISS FIRING AT TIMES CUSTOMER WAS ACCELERATING and VEHICLE RAN ROUGH and WAS JERKING. HAPPENED A COUPLE TIMES. WHEN THIS PRO
231	GENERAL REPAIRS CUST STATES HESITATION FROM ENGINE WHEN TRYING TO PASS OR ACCELERATE
232	C/S WHEN PASSING VEHICLE HAD TO STOP TURN OFF and START OVER NOPOWE
233	WHEN TRYING TO ACCELERATE BEYOND 50KM/H NO POWERFELT
234	LOSS OF POWER ON RAINY DAY ON HARD THROTTLE NORESPONSE DELAY LAG
235	CK ENG LIGHT IS OB & BOGS DOWN WHEN ACCEL
236	CHECK ENGINE LIGHT TROUBLES (E29) DRIVES FINE NO SYNTOMS AT THIS TIME. PLEASE DIAG
237	TURN ONTO HIGHWAY AT MARTENSVILLE and HAD NO POWER.TRUCK SHUDDERED
238	CHECK ENGINE SURGES AT CRUISING SPEED
239	C/S ENGINE HESITATES ON ACCELERATION and TRIES TO DIE HAVE TO GIVE ENGINE FULL THROTTLE IN ORDER FOR IT TO REACT
240	CUST STEAT THAT CEL WILL COME ON and TURN OFF. IS BEGINNING TO FEEL SLUGGISH and FEELS LIKE IT IS MISFIRING. CHECK and ADVISE
241	CUSTOMER SAID HE WAS PASSING ON HWY and VEHICLE LOST ALL POWER AND
242	CHECK ENGINE LIGHT ON
243	CUST STATES THE CHECK ENGINE LIGHT ON DASH IS COMMING ON ENGINE SEEMS TO BE RUNNING FINE.
244	CHECK SURGING AT HIGHWAY SPEEDS
245	CUSTOMER STATES ENGINE STUMBLES,SURGES ON LIGHT ACELL,STEADY SPEEDS
246	CUST STATES CHECK ENGINE LITE IS ON POSSIBLE CAT CONVERTER ??
247	CUSTOMER STATES VEHICEL STALLS OUT ON ACCEL LIKE WHEN SPEEDING UP TO PASS ANOTHER VEHICEL.

	R
198	IDS TEST CODE (P0300) RANDOM MISFIRE/CHECK OASIS/FOUND TSB 12 06 04; PERFORM TSB/VEHICLE HAS DEFLECTOR INSTALLED/REPROGRAM PCM;TEST DRIVE
199	WP CC 42 BASIC 6K775 3.5L EB TSB 120604A FOR 0.5 TEST EEC SYSTEM. PASS CODE. CHECK OASIS MESSAGES. REPROGRAM PCM TO BL3A 12A650 AYG CALIBRATION AS PER TSB 12 06 04. ORI
200	PERFORM TSB 12 6 4 PROGRAM PCM and INSTALL DEFLECTOR
201	REPROGRAMMED PCM TO CURRENT CONFIGURATION. PERFORMED TSB#12 6 4
202	TEST EEC DTC PASS ET CMDTC PENDING CODE P0234 CHECK OASIS TURBO SELON TSB 12 03 14 VOIR LIGNE F POUR REPARATION. ROAD TEST MOTEUR SURGE EN LEGERE ACCEL ET NEST PAS
203	CHECKED OASIS and PERFORMED TSB 12 6 4 SCANNED FOR CODES NONE UPDATED PCM and DEFECTOR SHIELD
204	PERFORMED TSB 12 6 4 (INSTALLED SHIELD and REPLACED LEFT BANK CAT)
205	INSPECTED ADVISED ON CEL ON, SCANNED CODES, FOUND P0300, checked OASIS, found Tsb relating to concern, preformed TSB 12 6 4, no P0430, has deflector shield, reprogrammed PCM to latest calibration, cl
206	SCAN TESTED ENGINE COTNROLS. CODES P0430, REFERED TO TSB 12 06 04.DEFLECTOR SHIELD IS PRESENT. REPLACED LEFT SIDE CATYLSY CONVERTOR and REPROGRAMMED PCM. ROAD TES
207	VERIFIED CONCERN. CHECKED PER TSB 12 6 4. NO CODES, NO AIR DEFLECTOR. INSTALLED AIR DEFLECTOR. REPROGRAMMED PCM PER TSB. RETESTED. OK.
208	REPROGRAM PCM TO THE LATEST CALIBRATION NO DTCS DEFLECTOR PLATE NOT NEEDED
209	CHARGE AIR COOLER REQUIRED AIR DEFLECTOR, SPRAK PLUG #5 FOULED TEST DRIVE NO POWER ON ACCEL, IDS TEST KOEO PASS, CONT P0305, P0316, PER TSB 12 06 04, INSTALL AIR DEFLI
210	TEST DRIVE NO POWER ON ACCELERATION, IDS TEST KOEO PASS, CONT P0305 (MISFIRE CYLINDER #5), KOER PASS, POWER BALANCE TEST USING IDS LOSS ON #5 UNDER ACCEL, USING IDS C
211	VERIFY CONCERN REPROGRAM PCM AS PER TSB 12 6 4 WPI
212	PER TSB 12 06 04 ROAD TEST. TEST EEC SYSTEM. REPROGRAMMED PCM PER TSB 12 06 04. ROAD TEST. RETESTED.
213	CHECKED FOR CONCENEN CHECKED OASIS and COMPLETED TSB 12 06 04 REPROGRAMMED PCM OK NOW(42)
214	7900 TSB 12 6 4 TEST DROVE and FOUND ENGINE SURGES AT LOWER SPEEDS RAN OASIS and FOUND TSB 12 6 4 TO APPLY. FOLLOWED TSB and RETREIVED CONT, MEMORY DTCS and THERE WEI
215	HOOK VEHICLE UP TO COMPUTER. PERFORM SELF TESTS. REVIEW FAULT CODES. NESC. TO REPLACE LEFT CATALYTIC CONVERTOR, CAC AIR DEFLECTOR PLATE and REPROGRAM PCM AS PEI
216	PERFORM SELF TEST KOEO NO CODES FOUND. CHECK OASIS, TSB 12 06 04. REPROGRAMMED PCM and INSTALLED DEFLECTOR
217	CHECK FOR RUNNING ROUGH. CHECK OASIS, FOUND and PE RFORMED TSB 12 6 4.
218	IDS TESTED HAS NO CODES, CHECKED OASIS and FOUND TSB 12 06 04., INSTALLED AIR DEFLECTOR and UPDATED PCM. RE CHECKED ALL OK.
219	TEST EEC CODE P0430 PERFORMED TSB 12 06 04 REPLACEBANK 2 CONVERTOR ANDINSTALLED AIR DEFLECTORPLATEREPROGRAMMED PCM and RETESTED SYS PASSROAD TESTED
220	ROAD TEST VERIFY CK OASIS FOUND TSB 12 6 4 FOR CONCERN.INSPECT CAC DEFLECTOR NOT PRESENT. CK IDS NO CODES. REPROG PCM IDS 79.03B and INSTALL DEFELCT
221	RAN IDS KOGO TEST PASSED REPROGRAMMED PCM TO LATEST LEVEL PER TSB 12 6 4
222	VERIFY CONCERN, RECAL PCM PER TSB 12 06 04.
223	TEST DRIVE VERIFY CK OASIS PERFORMED TSB 12 6 4 REPROGRAMMED PCM RETEST DRIVE OK
224	CC 42 CP 6K775 OP CODE 120604A .5 MO 15671 ROAD TEST, EEC TEST NO CODES PRESENT, PERFORM TSB 12 6 4 INSPECT FOR AIR DEFLECTOR. YES IT IS PRESENT, REPROGRAM PCM.
225	TEST DROVE VEH and VERF CONC FOUND TSB 12 6 4 FOR THIS CONC INSTALLED CAC AIR DEFLECTOR and REPROGRAMMED PCM PER TSB RETESTED VERF OK
226	RETRIEVED CODES FROM ALL MODULES NO CODES PRESENT ALL PASS TEST DROVE FOUND ENGINE and TRANS OPERATING NORMALLY AT THIS TIME. COMPARED TO LIKE UNIT and FOUND N
227	VERIFY ENGINE LIGHT GOES ON and OFF, CHECK OUT, CODE P0300, REPROGRAM PCM AS PER TSB 12 6 4, RECHECK OK
228	VERIFY CHECK ENGINE LIGHT ON, LIGHT ON, PERFORM DIAG, PINPOINT, CODE P0430, REPLACE LEFT BANK CATALYTIC CONVERTER, REPROGRAM PCM AS PER TSB 12 6 4. RECK OK(DDDR4 AT
229	PERF TSB 12 6 4 EEC TEST SYSTEM KOEC P0299 KOEO PASS KOER PASS REPROGRAMED THE PCM PER TSB 12 6 4
230	CK FOR CODES & HAD NONE. FOUND TSB 12 6 4 FOR CONCERN & FOLLOWED INSTRUCTIONS. REPROGRAM PCM & RELEARN STRATEGY. DEFLECTOR SHIELD ARE ON BACK ORDER. WILL HAVE
231	IDS SELF TEST CONT KOEO KOER PERFORM PCM UPDATE TO LATEST CALIBRATION PER TSB 12 6 4
232	IDS SELF TEST P0430 CONT KOEO KOER PASS PINPOINT TEST REMOVED and REPLACED LEFT CAT CONVERTER. CLEARED CODES and COMPLETED PER TSB 12 6 4
233	CHC OUTAN REPAR PER TSB 12 06 04
234	CHIC OTU and REAPR PER TSB 12 06 04 LST TIME JUST REPGRAMMED PCM PER RTSB THIS TIME INSTALLED SHIELD
235	PERF IDS DIAG TEST TROUBLE CODE P0304 P0305 P0306 MISSFIRE CODES CK TSB TSB 12 6 4 REPROGRAM PCM FOR ENGINE MISSING LACK OF POWER
236	RAN DIAG. PULLED CODE P0430. REFERRED TO TSB 12 2 10 REPLACED LEFT BANK CAT. and RE PROGRAMMED PCM
237	HOOK UP IDS and SCAN. CODE P0306 CYLINDER #6 MISFIRE. REPROGRAM AS PER TSB 12 6 4
238	ENGINE SURGES AT CRUISING SPEED. CHECK OASIS. PERFORM TSB 12 06 04 TO CORRECT PROBLEM.
239	EE TEST PASSED. INSPECTED THE DEFLECTOR. OK. REPROGRAMMED THE PCM PER TSB 12 6 4. ROAD TEST & RETEST OK. P1000
240	RECALEM 04 Y P1000 P0430 P1000 WP TEST EEC REPROGRAM PCM REPLACE LEFT CATALYST PER TSB 12 2 10
241	ROADTESTED and UNABLE TO DUPLICATE CONCERN SCANNED and FOUND NO CODES IN MODE 6 CHECKED OASIS and FOUND RELATED TSB 12 6 4 PERFORMED REFLASH OK NOW
242	CHECKED FOR ENG LITE ON. FOUND CODE P0430 CATALYST EFFICIENT BANK 2, CK and FOUND TSB 12 6 4 REPLACED BANK 2 CATALYST. INSTALLED AIR DEFLATER and REPROGRAM PCM TO L
243	VERIFY CUSTOMER CONCERN. RUN DIAG P0430. PERFORM TSB 12 06 04. REPLACE LEFT SIDE CAT CONVERTER and REPROGRAM PCM. INSTALL INTERCOOLER BAFFLE. RETEST, ROAD TEST. OK
244	CHECK SURGING AT HIGHWAY SPEEDS. CHECK OASIS. PERFORMED TSB 12 06 04 TO CORRECT PROBLEM.
245	TESTED THE EEC SYSTEM, AS PER TSB . REPROGRAM THE PCM and ORDERED THE AIR COOLER DEFLECTOR PLATE.
246	PERFORMED EEC TEST PULL CODES and RUN OASIS CHECK TSB'S PERFORMED 120604B REPLAECED LEFT SIDE CAT and INSTALLED DEFLECTOR SHIELD RETEST and TEST DRIVE OK AT THIS TIME
247	CK DTCS INST DEFLECTER CAT PLATE, REPROGRAM PCM

	S	T	U	V	W	X	Y
198	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
199	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
200	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
201	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
202	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
203	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
204	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
205	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
206	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
207	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
208	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
209	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
210	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	0.5
211	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
212	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
213	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
214	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
215	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
216	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
217	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
218	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
219	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
220	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
221	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
222	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
223	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
224	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
225	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
226	F04 - Powertrain	3A11 - Transmission Assembly	*	7000 - Auto Transmission Asy	*	82 - Freight/Postage/Maintenance	1.0
227	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
228	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
229	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
230	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	4 - Software Revision, Flash Module	0.5
231	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
232	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
233	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
234	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
235	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
236	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
237	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
238	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
239	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
240	F04 - Powertrain	2G05 - Recalibrations	*	RECALEM - ECC Processor Recal, Emissions	*	4 - Software Revision, Flash Module	1.0
241	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
242	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
243	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
244	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
245	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
246	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
247	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
198	\$54	\$0	\$54	33459901	B4810	Novlan Bros Sales	306	3442075	SK	Canada	NA	4B4810	E84	Canada	
199	\$50	\$0	\$50	15586102	5769	Cherokee Ford Lincoln of Alpha	770	6495100	GA	USA	NA	121441	S07	USA	@
200	\$36	\$10	\$47	13151001	7223	Courtesy Ford Lincoln Sales, I	402	3719350	NE	USA	NA	158410	S07	USA	@
201	\$42	\$0	\$42	2527102	8541	Lake City Ford Lincoln	208	6649211	ID	USA	NA	174437	S07	USA	
202	\$41	\$15	\$56	167745D	B2234	Deragon Auto Cite Inc.	450	2660101	QC	Canada	NA	4B2234	E84	Canada	@
203	\$59	\$14	\$72	13325004	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4B4611	E84	Canada	@
204	\$90	\$346	\$436	67338801	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124476	S07	USA	@
205	\$65	\$0	\$65	15064001	B6190	Boundary Ford Sales Ltd.	780	8727755	AB	Canada	NA	4B6190	E95	Canada	@
206	\$79	\$301	\$380	21525901	9517	Juettner Motors, Inc.	320	7633126	MN	USA	NA	158503	S07	USA	
207	\$39	\$11	\$49	1596302	6006	Ramey Ford Princeton	304	4252128	WV	USA	NA	147545	S07	USA	@
208	\$39	\$0	\$39	230481A	1042	Scenic Motors, Inc.	336	7899591	NC	USA	NA	121734	S07	USA	@
209	\$45	\$11	\$56	70012902	998	Crossroads Ford, Inc.	919	4671881	NC	USA	NA	121026	S07	USA	
210	\$45	\$59	\$104	70211601	998	Crossroads Ford, Inc.	919	4671881	NC	USA	NA	121026	S07	USA	@
211	\$44	\$0	\$44	5143454	1025	Jones Ford, Inc.	843	7443311	SC	USA	NA	121291	S07	USA	
212	\$43	\$0	\$43	1485103	2549	Silsbee Ford, Inc.	409	3853724	TX	USA	NA	152088	1	USA	@
213	\$43	\$0	\$43	22556302	A3255	Plaza Ford Sales Limited	902	5671616	NS	Canada	NA	4A3255	E84	Canada	@
214	\$43	\$11	\$54	551870A	9480	Eide Ford Lincoln	701	2223500	ND	USA	NA	158499	S07	USA	@
215	\$78	\$304	\$381	5454601	B3274	Canso Ford Sales Ltd	902	6251338	NS	Canada	NA	4B3274	S07	Canada	@
216	\$48	\$14	\$62	54691301	B8802	Dingwall Ford Sales Ltd	807	4686443	ON	Canada	NA	4B8802	E84	Canada	@
217	\$45	\$0	\$45	61114804	A3258	Cabot Ford Lincoln Sales Limit	709	7226600	NL	Canada	NA	4A3258	E84	Canada	@
218	\$46	\$13	\$58	57992602	6580	Dewey Ford	515	2894949	IA	USA	NA	153031	S07	USA	@
219	\$92	\$311	\$404	718147C	1472	Gullo Ford of Conroe	936	7565500	TX	USA	NA	152166	S07	USA	
220	\$49	\$10	\$59	317203B	3576	Bowen Scarff Ford-Lincoln	*	*	WA	USA	NA	174430	RAV	USA	@
221	\$38	\$0	\$38	18022001	5736	Sloan Ford Lincoln, Inc.	931	3882463	TN	USA	NA	123098	S07	USA	
222	\$44	\$0	\$44	068926A	526	Orleans Ford	585	7984316	NY	USA	NA	144041	S07	USA	@
223	\$41	\$0	\$41	25010605	645	Shepard Bros., Inc.	585	3941000	NY	USA	NA	144058	S07	USA	@
224	\$49	\$0	\$49	4127701	4229	Suburban Ford of Waterford, LL	248	6744781	MI	USA	NA	148030	S07	USA	@
225	\$40	\$11	\$51	11160701	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	@
226	\$80	\$0	\$80	11196801	2560	King Ford	828	8372121	NC	USA	NA	121457	S07	USA	@
227	\$45	\$0	\$45	697910A	4532	Philpott Ford	409	7271451	TX	USA	NA	152757	S07	USA	
228	\$91	\$293	\$384	699960A	4532	Philpott Ford	409	7271451	TX	USA	NA	152757	S07	USA	
229	\$50	\$0	\$106	1507751	5546	Ed Butts Ford	626	9183673	CA	USA	NA	171098	S07	USA	@
230	\$55	\$0	\$55	53263402	3891	Morrie's Minnetonka Ford Linco	952	5465441	MN	USA	NA	158018	E84	USA	@
231	\$45	\$0	\$45	6312105	262	Ernest McCarty Ford, Inc.	205	6633831	AL	USA	NA	121002	S07	USA	
232	\$89	\$301	\$390	6336902	262	Ernest McCarty Ford, Inc.	205	6633831	AL	USA	NA	121002	S07	USA	
233	\$35	\$0	\$35	151863B	B3817	Hatheway Limited	506	5464464	NB	Canada	NA	4B3817	E84	Canada	
234	\$35	\$15	\$50	152400A	B3817	Hatheway Limited	506	5464464	NB	Canada	NA	4B3817	E84	Canada	@
235	\$39	\$0	\$39	425901	8166	Billy Wood Ford	318	9925570	LA	USA	NA	123370	S07	USA	@
236	\$82	\$301	\$383	39213401	2404	Arrow Ford, Inc.	325	6929500	TX	USA	NA	152300	S07	USA	@
237	\$35	\$15	\$50	043491C	B4318	Valley Ford Sales	306	9553673	SK	Canada	NA	4B4018	2	Canada	@
238	\$43	\$11	\$54	076696A	9273	Deml Ford Lincoln, Inc.	507	8353425	MN	USA	NA	158620	S07	USA	@
239	\$50	\$0	\$50	443929D	20313	Earnhardt Ford Sales Company	480	8386000	AZ	USA	NA	171176	S07	USA	@
240	\$97	\$293	\$390	553906A	387	Marshal Mize Ford, Inc.	423	8752023	TN	USA	NA	121764	S07	USA	@
241	\$43	\$0	\$43	22597101	A3255	Plaza Ford Sales Limited	902	5671616	NS	Canada	NA	4B6249	E84	Canada	@
242	\$94	\$311	\$404	8113451	4466	Boggus Ford	956	4232580	TX	USA	NA	152094	S07	USA	
243	\$97	\$311	\$408	680744B	4443	McRee Ford, Inc.	281	3371529	TX	USA	NA	152052	S07	USA	@
244	\$43	\$0	\$43	076280A	9273	Deml Ford Lincoln, Inc.	507	8353425	MN	USA	NA	158625	S07	USA	@
245	\$49	\$11	\$60	176464A	8622	Northside Ford Truck Sales, In	503	2827773	OR	USA	NA	174927	S07	USA	@
246	\$84	\$301	\$385	286352A	3990	Morris Ford, Inc.	518	3999188	NY	USA	NA	121019	S07	USA	@
247	\$77	\$311	\$388	105947A	990	Kenly Ford, Inc.	919	2843123	NC	USA	NA	121608	S07	USA	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
248	1	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/26/11	10/26/11	06/15/12	14,280	8	4116447
249	2	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/26/11	10/26/11	06/15/12	14,280	8	4116449
250		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/29/11	09/19/11	06/25/12	13,639	10	4149900
251		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/26/11	08/15/11	06/15/12	35,387	11	4133285
252		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/04/11	09/01/11	06/18/12	10,821	10	4047658
253		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/12/11	08/31/11	04/27/12	27,423	9	4121734
254		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/10/11	09/12/11	06/06/12	30,167	9	4001894
255		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/23/11	10/18/11	06/18/12	12,707	9	4114510
256		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/14/11	09/30/11	06/11/12	11,561	9	4162075
257	1	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/06/11	10/16/11	06/27/12	16,418	9	4167950
258	2	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/06/11	10/16/11	07/02/12	17,519	9	4252668
259		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/07/11	11/30/11	05/30/12	10,477	7	3967305
260		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/02/11	12/11/11	06/11/12	4,401	7	4102840
261		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/21/11	07/01/11	06/21/12	34,034	12	4121370
262		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/10/11	07/14/11	06/13/12	11,074	12	4118414
263		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	07/13/11	08/30/11	06/27/12	13,894	11	4149380
264		2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	08/15/11	09/19/11	06/14/12	13,650	9	4136482
265	1	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/20/11	12/15/11	06/06/12	9,592	6	3929766
266	2	2011	IFTFW1ET9B	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/20/11	12/15/11	06/14/12	9,761	7	4031283
267		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/28/11	05/28/11	06/21/12	14,887	14	4163420
268		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/21/11	06/17/11	06/12/12	13,547	13	4170283
269		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/06/11	06/09/11	05/26/12	21,363	12	4117884
270		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/13/11	05/21/11	06/06/12	9,660	13	3951661
271		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/26/11	12/27/11	06/26/12	11,176	7	4148912
272		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/09/11	09/30/11	06/15/12	8,602	9	4032285
273		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/04/11	09/16/11	06/16/12	10,973	10	4020418
274		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/01/11	09/23/11	06/26/12	8,729	10	4151221
275		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/01/11	01/27/12	06/07/12	4,978	5	3998185
276		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/18/11	11/11/11	06/19/12	13,247	8	4169606
277		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/03/11	12/24/11	06/11/12	26,849	6	4116521
278		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/11/11	10/28/11	06/11/12	5,520	8	3951480
279		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/26/11	12/16/11	06/18/12	11,343	7	4166580
280		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/29/11	11/30/11	06/19/12	20,010	7	4084929
281		2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/17/11	07/14/11	06/12/12	17,400	12	3983692
282	1	2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/12/11	10/17/11	06/06/12	22,911	8	4038879
283	2	2011	IFTFW1ETXB	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	09/12/11	10/17/11	06/06/12	22,911	8	4038880
284		2011	IFTFX1CT1BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/11	04/29/11	06/19/12	10,138	14	4096863
285		2011	IFTFX1CT4BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/13/11	06/16/11	06/14/12	21,050	13	3999996
286	1	2011	IFTFX1CT5BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/11	06/15/11	06/09/12	25,983	13	4052649
287	2	2011	IFTFX1CT5BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/11	06/15/11	06/22/12	26,104	13	4251857
288		2011	IFTFX1CT5BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/03/11	07/29/11	06/13/12	12,294	11	4038184
289		2011	IFTFX1CT6BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/02/11	08/18/11	06/18/12	15,172	11	4017524
290		2011	IFTFX1CT9BF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/09/11	01/11/12	06/27/12	5,771	6	4152349
291	1	2011	IFTFX1CTXB	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/14/11	08/13/11	06/16/12	21,859	11	4133711
292	2	2011	IFTFX1CTXB	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/14/11	08/13/11	06/16/12	21,859	11	4133712
293		2011	IFTFX1ET0BF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/14/11	04/26/11	06/04/12	16,461	14	3936189
294		2011	IFTFX1ET0BF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/23/11	07/20/11	06/08/12	10,583	11	4102941
295		2011	IFTFX1ET1BF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/08/11	03/29/11	06/20/12	20,715	15	4070442
296		2011	IFTFX1ET1BF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/28/11	03/08/12	06/26/12	7,981	4	4114502
297		2011	IFTFX1ET1BF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/06/11	09/30/11	06/20/12	14,258	9	4136174



	O	P
248	V52 - Driveability	D42 - Poor Performance/Lacks Power
249	V17 - Electrical Accessories Function	E40 - Electronic Module Troubles
250	V29 - Check Engine Light	E29 - Check Engine Light Trouble
251	V29 - Check Engine Light	E29 - Check Engine Light Trouble
252	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
253	V29 - Check Engine Light	E29 - Check Engine Light Trouble
254	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
255	V46 - Good Fuel Economy	D35 - Excessive Fuel Consumption
256	V29 - Check Engine Light	E29 - Check Engine Light Trouble
257	V48 - Auto Trans	P59 - Other Auto Trans Troubles
258	V29 - Check Engine Light	E29 - Check Engine Light Trouble
259	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
260	V29 - Check Engine Light	E29 - Check Engine Light Trouble
261	V29 - Check Engine Light	E29 - Check Engine Light Trouble
262	V52 - Driveability	D42 - Poor Performance/Lacks Power
263	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
264	V29 - Check Engine Light	E29 - Check Engine Light Trouble
265	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
266	V29 - Check Engine Light	E29 - Check Engine Light Trouble
267	V52 - Driveability	D42 - Poor Performance/Lacks Power
268	V52 - Driveability	D42 - Poor Performance/Lacks Power
269	V29 - Check Engine Light	E29 - Check Engine Light Trouble
270	V46 - Good Fuel Economy	D35 - Excessive Fuel Consumption
271	V48 - Auto Trans	P59 - Other Auto Trans Troubles
272	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
273	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
274	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
275	V29 - Check Engine Light	E29 - Check Engine Light Trouble
276	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
277	V29 - Check Engine Light	E29 - Check Engine Light Trouble
278	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
279	V29 - Check Engine Light	E29 - Check Engine Light Trouble
280	V29 - Check Engine Light	E29 - Check Engine Light Trouble
281	V52 - Driveability	D42 - Poor Performance/Lacks Power
282	V29 - Check Engine Light	E29 - Check Engine Light Trouble
283	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
284	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
285	V52 - Driveability	D42 - Poor Performance/Lacks Power
286	V48 - Auto Trans	P59 - Other Auto Trans Troubles
287	V29 - Check Engine Light	E29 - Check Engine Light Trouble
288	V48 - Auto Trans	P59 - Other Auto Trans Troubles
289	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
290	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
291	V29 - Check Engine Light	E29 - Check Engine Light Trouble
292	V29 - Check Engine Light	E29 - Check Engine Light Trouble
293	V17 - Electrical Accessories Function	E40 - Electronic Module Troubles
294	V29 - Check Engine Light	E29 - Check Engine Light Trouble
295	V29 - Check Engine Light	E29 - Check Engine Light Trouble
296	V29 - Check Engine Light	E29 - Check Engine Light Trouble
297	V44 - Base Engine Malfunction	D50 - Other Engine Troubles

	Q
248	C/S VEHICLE IS GETTING POOR FUEL MILEAGE
249	C/S SYNC INTERMITTENTLY INOP
250	CUSTOMER STATES THE CEL IS ON
251	ENGINE LIGHT HAS COME ON
252	AUTRES ANOMALIES DE LA BOITE DE VITESSES TRANSMISSION DONNE DES COUPS QUAND EMBRAYE EN VITESSE
253	CUST STATES THE CHECK ENGINE LIGHT IS ON AT TIMES, INTERMITTANT CONCERN
254	CUST STATES AT TIMES WHEN GOING TO ACCELERATE HARD VEH WILL START BOGGING DOWN and CHECK ENGINE LIGHT COMES ON and PULLS OFF TO THE SIDE OF THE ROAD and SHUTS VEH
255	TRUCK IS REALLY HARD ON FUEL CHECK
256	CHECK ENGINE LIGHT TROUBLE check engine light on lacks power
257	MISC.MAINTENANCE CUST STATES VEHICLE IS SPUTTERING ON HARD ACCELERATION and INTERMITTANT MISFIRE and BLACK SMOKE COMING FROM EXHAUST SEE PERRY
258	MISC.MAINTENANCE CUST STATES CHECK ENGINE LIGHT IS ON and FLASHING
259	CUST STATES MISSES CHATTER UPHILLS CAN VIBRATES DOWN BY FLOOR BOARDS
260	CUST STATES THAT THE CHECK ENGINE LIGHT IS ON and THE TRANSMISSION DOESN'T SEEM TO BE SHIFTING CORRECTLY
261	CHK ENGINE LIGHT IS ON
262	CHECK and ADVISE ON SAME DRIVEABILITY CONCERN
263	CUSTOMER STATES VEHICLE IS CHUGGING
264	CUST STATES THAT THE CK ENGINE LAMP IS ON
265	A 2 REPRISES EN VOULANT ACCELERER LE MOTEUR BOURRE ET UNE FOIS CHECK ENGINE S'EST MIS A FLASHER ET TOUT VIBRAIT DANS LE CAMION REPORT
266	TEMOIN ANOMALIE MOTEUR ALLUME
267	VEH SURGES WHEN PULLING HILLS
268	CUSTOMER STATES POOR PERFORMANCE/LACKS POWER ENGINE JERKS and MISSES
269	CHECK ENGINE LIGHT ON. ENGINE IS SLUGGISH.
270	C/S TRUCK HAS POOR GAS MILEAGE
271	P 09 INTERMITTANTLY AT A STOP WILL STILL GET A LURCH/LIKE GETTING TAPPED IN REAR TO PUSH FORWARD SOP INSTOCK
272	DIAG CUST STATES STUMBLE ON ACCEL SEE TSB 12 6 4
273	LOW SPEEDS THERE IS A NOTICEABLE LAG THEN HARSH TRANS ENGAGEMENT. CHECK and ADVISE
274	CK ENGINE LIGHT ON DIAGNOSIS CEL ON IN WET CONDITIONS. ENGINE MISS
275	CUSTOMER STATES CHECK ENGINE LIGHT TURNED and AFTER DRIVING FOR A WHILE CHECK ENGINE LIGHT TURNED OFF.
276	VIB FELT THROUGH SEAT ON LITE ACCEL UP TO 45 MPH
277	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
278	SURGE WHEN GOING UP A HILL
279	CHECK ENGINE LIGHT
280	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON. SMS TO RUN FINE.
281	CUSTOMER STATES THAT THE ENGINE MISFIRES AT HIGHWAY SPEEDS UNDER ACCELERATION..SEE TSB 12 6 4. RON B TO DRIVE AFTER ANY REPAIR.
282	ENGINE HAS A MISFIRE and CHECK ENGINE LITE CAME ON
283	CHECK ENGINE LITE FLASHING
284	CHECK ENGINE MISS UNDER LOAD OR UPHILL. LOW MPG AT IDLE
285	CUSTOMER STATES CHECK ENGINE LIGHT IS ON, PLEASE CHECK and ADVISE
286	CUST STATES AT TIMES WHEN DRIVING 50 60 MPH THE ENGINE WILL HIGH REV and DOESN'T SEEM TO SHIFT and JERKS INTO GEAR ADVISE
287	CUST STATES THE CHECK ENGINE LIGHT IS ON RUNS OK ADVISE
288	CK TRANSMISSION DOWNSHIFTS HARD
289	C S WHILE DRIVING 55 MPH THE ENGINE SURGES.
290	CUSTOMER SAYS CHECK FOR HESITATION AT TIMES
291	CUSTOMER STATES CHECK ENGINE LIGHT IS ON, VEHICLE IS SURGING and BUCKING REALLY BAD
292	CUSTOMER STATES CHECK ENGINE LIGHT IS ON, BUCKING REALLY BAD ON VERY HEAVY ACCELERATION.
293	ENGINE MINOR ,CUSTOMER WANTS THE ECO BOOST UPDATES DONE
294	CHECK ENGINE LIGHT ON
295	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON
296	REPAIR MIL LIGHT ON,HAS BAD HESITATION ATTIMES
297	CUSTOMER STATES CHK ENGINE BLOWING BLACK SMOKE and CHK ENGINE LIGHT COME ON

	R
248	REPROGRAM PCM PER TSB 12 6 4
249	PERFORM SYNC UPDATE, RETEST ALL OK
250	E VERIFY ENG LIGHT ON EEC TEST CODE P0430 KOEC REPROGRAM PCM and REPLACE LEFT CAT CONVERTER PER TSB 12 6 4 NEW PCM # BJ3AAZG CC 12 CP 5E212 MILES OUT 13645 120604B 1.
251	RAN EEC TEST and FOUND P0299,CHECKED TSB'S and FOUND TSB 12 6 4. INSTALLED SHIELD AS PER TSB and PERFORMED REPROGRAM. NEED EXTRA .3 FOR ABS REPROGRAM AFTER THE PCM R
252	CONFIRMER ET FAIRE MISE A JOUR EFFACE MEMOIRE KAM SELON LE TSB 12 6 4
253	VERIFIED CUSTOMER CONCERN, PERFORMED EEC TEST WITH IDS, FOUND STORED P0430 IN CDTC'S. PERFORMED OASIS SEARCH USING P0430. FOUND TSB ADDRESSING DTC. RECCOMEND REP
254	VERIFIED CUSTOMER CONCERN ROAD TEST PERFORM SELFTEST PASS PERFORM TSB
255	TESTED TRUCK FOR HARD ON FUEL CONCERN, CHECKED FOR CODES RETRIEVED P0430,P0306 CHECKED OASIS FOR MESSAGES FOUND TSB 12 6 4 FOLLOWED SERVICE PROCEDURE and FOI
256	PERFORMED TSB 12 6 4 REPROGRAM PCM and INSTALL DEFLECTOR PLATE ROAD TEST ALL OKAY AT THIS TIME
257	PERFORMED DIAGNOSE and R&R DRIVERS SIDE CAT CONVERTER INSTALLED CHARGE AIR COOLER and SHIELD and REPROGRAM PCM TO LATEST CALIBRATION AS PER TSB 12 06 04 RETES
258	PERFORMED DIAGNOSE ON VEHICLE REPLACED 1 COIL AN D SPARK PLUG NOTE TSB 12 06 04 COMPLETED PERFOR M PINPOINT TEST CONCERN CORRECTED
259	ROAD TEST COULD VERIFY SELF TEST PASS CHECKED PCM CALIBRATION UP TO DATE CHECKED OASIS ROAD TEST WITH CUSTOMER 55 MPH UPHILL IN 6TH GEAR COULD FEEL SLIGHT HIESA
260	PERFORMED EEC 5 TEST and FOUND P0340. FOUND TSB 12 6 4, PERFORMED DIAGFOR TSB and FOUND VEHICLE NEEDS CONVERTER. REPLACED CONVERTER, INSTALLED UPdated shield on intercool
261	RAN TEST ON VEHICLE FOUND CODE FOR LEFT CONVERTER. REPLACED LEFT CONVERTER, INSTALLED DEFECTIVE PLATE and REPROGRAMED PCM TO LATEST CALIBRATION PER TSB 12 6 4. T
262	BEEN IN CONTACT WITH OUR FSE SINCE CUSTOMER HAS HAD THIS CONCERN SINCE VEHICLE WAS NEW. HE WAS FINALLY BACK IN CONTACT WITH US. ABOUT A NEW TSB THAT CAME OUT. IT
263	ROAD TEST, VERIFY COMPLAINT, REPROGRAM PCM PER TSB 12 6 4, INSPECTED INTERCOOLER SCHROUD, OK. REROAD TEST, RUNS GREAT
264	VERIFIED CONCERN,PERFORMED KOEO TEST,FOUND CODE P0430. PERFORMED TSB 12 6 4.REPLACE LEFT BANK CATALYST CONVERTOR and REPROGRAMMED PCM,TEST DROVE ANDVERIFIED
265	CHECK CODE P0306 MEMOIRE DANS PCM. Road test avec IDS probleme non present. Check visuel ok. CHECK OASIS TROUVER BULETIN 12 6 4 POUR SE PROBLEME. Donc mettre a jour le PCM nouvel etalonag
266	PASSER IDS PASS CONT P0430 KOER PASS verifier bulletin plus oasis bulletin no 12 6 4 verifier pour programmation deja programmer la semaine dernie re client venu la semaine dmierre pour le meme problem pcm avait
267	RD TEST FOUND ENGINE SURGE ON MODERATE TO LIGHT LOAD RUN CONCERNS PERFORM TSB 12 6 4 REFLASH PCM KOEO PASS RD TEST OK ALSO AIR DEFLECTOR KIT ON CAC ..FWA
268	VERIFIED COMPLAINT,REFER TO TSB 120604 FOR INSTALLING CAC AIR DEFLECTOR PLATE and REPROGRAM PCM.
269	CHECK FOR CODES. FOUND CODE FOR CATALYSTIC CONVERTER. CHECK OASIS and FOUND TSB 12 06 04. PERFORMED TSB, CLEARED CODES and ROADTESTED.
270	CONNECT SCAN TOOL SELF TEST KOEO KOER DATA LOGGER RUN OASIS REVIEW TSB 12 2 10 REPROGRAM PCM AS PER TSB
271	PERFORM TSB 12 6 4. FLASH PCM and INSTALL CAC AIR DEFLECTOR
272	I3845 DIAG ENGINE STUMBLE ON ACCEL, OASIS TSB 12 6 4 APPLIES, RECAL PCM TO LATEST CALIBRATION AS PER TSB, ROAD TESTED OKAY ***5221 120604A.5*** BPN 5E212 CC 12
273	TSB 12.6.4 ADDRESSES THIS CONCERN, PERFORMED 3 5L GTDI CALIBRATION UPDATE TO POWERTRAIN CONTROL MODULE. TEST DROVE AFTER REPAIRS. NO ISSUES FOUND. OPERATING NORM
274	REPROGRAM PCM PER TSB 120604
275	PERFORM DIAG, RETRIVE DTC P0430, LEFT CATALYTIC CONVERTER MALFUNCTION, RAN OASIS GOT TSB 12 6 4 REPAIR VEHICLE AS PER TSB, INSTALL LEFT CATALYTIC CONVERTER and DEF
276	ROAD TEST FOR CONCERN CHECK FOR CODES and PERFORMED TSB 12 6 4 CLEAR DTCS and DRIVE
277	DIAG and RAN OASIS FOUND TSB 12 06 04 PERFORMED TSB 12 06 04 INSTALLED DEFLECTOR PLATE and PUSH PINS and RETEST REPROGRAM THE PCM and RECHECKED
278	VERIFIED SURGE UNDER LOAD ON HILL UN OASIS PCM SLEF TEST NOT DTCS PER TEB 12 6 4 NO DTCS HAS DEFLECTOR PLATE PER TSB RERP ROGRAMMED PCM
279	VERIFIED CONCERN ENGINE LIGHT ON EEC DIAG RET REIVED CODE P0430 RAN OASIS FOUND TSB 12 6 4 R&R CAT and PROGRAMMED PCM TO LATEST CAL RETE ST
280	TSB 12 06 04 DIAG CODE P0430 STORED. REPLACED LEFT CATALYTIC CONVERTER, INSTALL AIR DEFLECTOR and REPROGRAM PCM. RETEST. OK
281	VERIFY THE CONCERN.PERFORM SELF TEST, KOER PASS, KOEO PASS, CONT PASS. PERFORM REPAIR AS PER TSB 12.6.4. INSTALLED THE AIR DEFLECTOR PLATE and PROGRAM THE PCM TO THI
282	ENGINE HAS MISFIRE INSPECTED VEHICLE HOOKED UP IDS GOT CODE P0304 RUN OASIS HAS TSB FOR THIS CONCERN 12 2 10 COMPLETD PCM REPROGRAM ROAD TEST TEST OK
283	TEST DROVE, VERIFIED MISS ON ACCEL and FLASHING MIL. CHECKED FOR CODES. PASS KOEO. PASS CONT. PASS KOER. CHECKED OASIS. FOUND THE PCM CALIBRATIO N HAS ALREADY BEEN
284	PERFORMED TSB 12 6 04,INSTALLED DEFLECTOR PLATE, REPROGRAM PCM
285	CHECKED FOR CUSTOMER CONCERN OF CHECK ENGINE LIGHT ILLUMINATED., VERIFIED, PERFORMED IDS EEC TEST P0096, FOUND TSB 12 6 7, PROGRAMMED PCM TO LATEST LEVEL and DRG
286	EEC TEST CODE P0304 P0306 DCL MONTOR ROAD TEST POWER BALLANCE TEST MISS ON #456 REPROGRAM PCM and INSTALL BAFTEL ASPER TSB 12 6 4
287	EEC TEST CODE P0430 DCL MONTOR ROAD TEST LH CAT INOP REPLACE CONVTER CLEAR CODE RETEST ROAD TEST OK
288	TEST DROVE FOR HARSH DOWN SHIFT CLEARED ADAPTIVE TABLES FOR RELEARING REPROGRAM PCM TO LATEST CAL TSB 12 06 04 SSM 22366
289	TSB 120604 RECALL PCM PER TSB
290	DIAG FOR HESITATION,EEC CHECK,NO CODES,TEST DROVE,CHECKED OASIS,CHECKED TSB PERFORMED TSB 12 06 04,REPROGRAM PCM TO LATEST UPDATE.
291	PERF TSB 12 6 4 REPROG PCM EEC TEST CODE P0303 NO OTHER CODES HAS SHIELD
292	IDS SET UP EEC TEST KOEO KOER CODE P0303 P0316 MISSFIRE MONITOR ROAD TEST. FOUND MISS IN CYL 3 . R&R COIL and PLUG. PLUG FOULED REPLACE COIL and PLUG and CLEAR CODES and
293	UPDATED PCM TO LATEST CALIBRATION BL3A 12A650 A2F UPDATE PCM TO LATCH CALIBRATION
294	CHECK SYSTEM,FOUND CODES P0304,P0305,P0306 and P0430 CHECK OASIS FOR RELATED MESSAGES.FOUND TSB 12 06 04. REPLACE LEFT SIDE CATALYTIC CONVERTER and INSTALL SHIELD A
295	PERFORMED SELF TEST. FOUND P0430. FOUND TSB 12 6 4. FOLLOWED INSTRUCTION. REPLACED CAT CONVERTER. RECHECKED. OK AT THIS TIME.
296	REPROGRAMMING PER TSB 120604,NOTE CONVERTOR DEFLECTOR THAT IS PART OF THIS TSB IS NOT AVAILABLE AT THIS TIME
297	TSB, 12 6 4 CHK DTCS, REPLACED LEFT CATALYTIC CONVERTER. INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAMED PCM

	S	T	U	V	W	X	Y
248	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
249	F03 - Electrical	7M01 - Receiver w/Integrated Media (Radio)	*	18K810 - Kit-Radio Receiver	*	4 - Software Revision, Flash Module	0.4
250	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
251	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
252	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
253	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
254	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
255	F05 - Veh. Engineering	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
256	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
257	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
258	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	2.6
259	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
260	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.5
261	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
262	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
263	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
264	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
265	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
266	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
267	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
268	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
269	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
270	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
271	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
272	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
273	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
274	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
275	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
276	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
277	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
278	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
279	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
280	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
281	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	1.0
282	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
283	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	0.9
284	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
285	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
286	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
287	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	0.0
288	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
289	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
290	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
291	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
292	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	1.2
293	F03 - Electrical	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
294	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
295	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
296	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
297	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
248	\$40	\$0	\$40	346950C	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	S07	USA	
249	\$32	\$0	\$32	346950D	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	E83	USA	
250	\$98	\$293	\$391	4167502	4229	Suburban Ford of Waterford, LL	248	6744781	MI	USA	NA	148050	S07	USA	@
251	\$44	\$13	\$57	135993A	2388	Nix Ford	918	4232800	OK	USA	NA	123569	S07	USA	@
252	\$40	\$0	\$40	17999902	B2401	Plamondon Ford Donnacona	418	2853311	QC	Canada	NA	4B2402	2	Canada	@
253	\$101	\$486	\$587	726001A	8680	Bickford Motors, Inc.	360	5682122	WA	USA	NA	174540	S07	USA	
254	\$41	\$0	\$41	145553C	9314	Alan Jay Ford Lincoln	863	3850144	FL	USA	NA	124406	S07	USA	
255	\$73	\$307	\$380	226189E	B3307	Corey Ford Limited	506	3288828	NB	Canada	NA	4B3307	S07	Canada	@
256	\$51	\$15	\$66	5274541	B4089	Jubilee Ford Sales (1983) Ltd	306	3734444	SK	Canada	NA	4B4089	1	Canada	@
257	\$90	\$313	\$404	4451801	5739	Ted Russell Ford Lincoln	865	6937611	TN	USA	NA	121222	S07	USA	@
258	\$234	\$64	\$298	4475001	5739	Ted Russell Ford Lincoln	865	6937611	TN	USA	NA	121222	S07	USA	@
259	\$37	\$0	\$37	9885001	1661	Langlade Ford	715	6272200	WI	USA	NA	141353	S07	USA	
260	\$47	\$311	\$358	036937A	8812	Hampton Ford Inc	603	9648771	NH	USA	NA	111548	S07	USA	@
261	\$81	\$311	\$392	16784101	8396	Jim Taylor Ford Lincoln	318	2552590	LA	USA	NA	123378	S07	USA	
262	\$46	\$11	\$57	9319401	3966	Two Harbors Ford	218	8342101	MN	USA	NA	158460	S07	USA	@
263	\$46	\$0	\$46	260294B	3394	Holiday Ford	920	3229600	WI	USA	NA	141550	S07	USA	@
264	\$83	\$293	\$376	3007802	6503	Hixson Autoplex	318	4480871	LA	USA	NA	152475	S07	USA	
265	\$53	\$0	\$53	10926901	B2447	Val Estrie Ford Lincoln	819	5634466	QC	Canada	NA	4B2490	2	Canada	
266	\$106	\$294	\$400	10960501	B2447	Val Estrie Ford Lincoln	819	5634466	QC	Canada	NA	4B2490	S07	Canada	@
267	\$42	\$12	\$54	199258A	193	Jacky W Jones Ford, Inc.	706	8652168	GA	USA	NA	121444	S07	USA	@
268	\$39	\$11	\$50	1985201	9183	Franklin Ford, Inc.	828	5242156	NC	USA	NA	121691	S07	USA	@
269	\$56	\$426	\$482	1877501	3018	Southwind Ford	229	7583381	GA	USA	NA	121508	S07	USA	
270	\$37	\$0	\$37	6724201	2301	Bill McCandless Ford	724	6623730	PA	USA	NA	144435	S07	USA	@
271	\$49	\$16	\$65	301906A	2741	Pat Milliken Ford, Inc.	313	2553100	MI	USA	NA	148044	S07	USA	@
272	\$46	\$0	\$46	247865C	B7217	Orchard Ford Sales Ltd	250	8601000	BC	Canada	NA	4B7217	1	Canada	
273	\$42	\$0	\$42	17833801	9837	Asheville Ford Lincoln	828	2532731	NC	USA	NA	121719	S07	USA	@
274	\$45	\$0	\$45	24594102	5695	Bill Collins Ford Lincoln of L	502	4599550	KY	USA	NA	144510	S07	USA	@
275	\$81	\$311	\$391	284301	3353	Payne Rio Grande City Ford, LL	956	4872582	TX	USA	NA	152124	S07	USA	
276	\$50	\$0	\$50	10475001	8294	Tri Ford, Inc.	618	6542122	IL	USA	NA	153106	S07	USA	@
277	\$39	\$11	\$51	3058951	1200	Nick Nicholas Ford, Inc.	352	7261231	FL	USA	NA	124486	S07	USA	
278	\$36	\$0	\$36	5452603	1963	Erwin Motors Inc	423	7437148	TN	USA	NA	147476	S07	USA	@
279	\$81	\$293	\$374	516401	4431	Weber Motor Company	361	2752311	TX	USA	NA	152166	S07	USA	@
280	\$88	\$311	\$398	016790A	8146	Performance Ford	402	8966000	NE	USA	NA	153024	S07	USA	
281	\$108	\$10	\$118	34392501	2733	North Country Ford Lincoln	763	4271120	MN	USA	NA	158016	E83	USA	@
282	\$67	\$0	\$67	720329A	7838	Livermore Ford Lincoln	*	*	CA	USA	NA	116088	S07	USA	
283	\$120	\$59	\$179	720329B	7838	Livermore Ford Lincoln	*	*	CA	USA	NA	116088	S07	USA	
284	\$45	\$11	\$56	370607A	389	Mtn. View Ford Lincoln	423	7561331	TN	USA	NA	121203	E83	USA	
285	\$49	\$0	\$49	058393A	5895	Genesee Valley Ford, LLC	585	2262600	NY	USA	NA	144054	S07	USA	@
286	\$45	\$13	\$58	67163402	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124438	S07	USA	@
287	\$0	\$322	\$322	67295202	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124438	S07	USA	@
288	\$53	\$0	\$53	10649605	6747	Beach Ford of Suffolk	757	5391595	VA	USA	NA	127485	S07	USA	@
289	\$41	\$0	\$41	9394652	5143	Jimmy Michel Motors, Inc.	417	6785001	MO	USA	NA	153493	S07	USA	@
290	\$36	\$0	\$36	4453401	7651	Sledge Ford, Inc.	706	8462125	GA	USA	NA	121514	S07	USA	@
291	\$53	\$0	\$53	1695051	2865	Ford of Ocala, Lincoln of Ocal	352	7324800	FL	USA	NA	124402	S07	USA	@
292	\$127	\$90	\$217	1695052	2865	Ford of Ocala, Lincoln of Ocal	352	7324800	FL	USA	NA	124402	S07	USA	@
293	\$35	\$0	\$35	044034C	7266	Motor Inn of Spirit Lake, Inc.	712	3362701	IA	USA	NA	153507	S07	USA	
294	\$72	\$312	\$384	6577302	8956	Meredith Motor Company, Inc.	603	2794521	NH	USA	NA	111581	S07	USA	
295	\$100	\$301	\$400	137503A	9088	Flood Ford Lincoln	401	5152700	RI	USA	NA	111023	S07	USA	@
296	\$32	\$0	\$32	148095A	B3306	Jim Hatheway Ford Sales Limite	902	6676000	NS	Canada	NA	4A3231	1	Canada	@
297	\$74	\$311	\$386	9686651	5977	Metro Ford Auto Sales, Inc.	662	8411000	MS	USA	NA	123462	S07	USA	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
298		2011	IFTFX1ET1BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/06/11	08/24/11	06/21/12	7,735	11	413768
299		2011	IFTFX1ET1BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/13/11	06/24/11	06/18/12	28,670	13	4084257
300		2011	IFTFX1ET2BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	06/09/11	10/08/11	06/07/12	5,064	9	3936915
301	1	2011	IFTFX1ET3BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/07/11	03/31/11	06/08/12	24,880	15	4118944
302	2	2011	IFTFX1ET3BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/07/11	03/31/11	06/08/12	24,880	15	4118945
303	1	2011	IFTFX1ET3BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/22/11	08/06/11	06/20/12	20,692	11	4147604
304	2	2011	IFTFX1ET3BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/22/11	08/06/11	06/25/12	20,715	11	4147605
305		2011	IFTFX1ET4BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/11	04/18/11	06/05/12	25,798	14	4114414
306		2011	IFTFX1ET4BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/06/11	05/30/11	06/14/12	3,685	13	4149245
307		2011	IFTFX1ET4BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/17/11	10/19/11	06/18/12	9,731	9	4151599
308		2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/25/11	06/15/11	06/15/12	10,708	13	4078787
309	1	2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/11	04/07/11	06/12/12	24,565	15	3980828
310	2	2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/11	04/07/11	06/12/12	24,565	15	3994896
311	1	2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/23/11	04/30/11	06/12/12	22,251	14	4147595
312	2	2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/23/11	04/30/11	06/12/12	22,251	14	4147596
313		2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	09/24/11	11/14/11	06/19/12	20,010	8	4054702
314		2011	IFTFX1ET5BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	10/29/11	03/17/12	06/15/12	6,326	4	4038396
315		2011	IFTFX1ET5BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/20/11	07/29/11	06/08/12	11,504	11	4129372
316		2011	IFTFX1ET5BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	06/13/11	07/26/11	06/13/12	14,503	11	3988399
317		2011	IFTFX1ET7BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/10/11	04/26/11	06/11/12	13,940	14	4144944
318		2011	IFTFX1ET7BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/08/11	04/02/11	06/26/12	13,611	16	4146840
319		2011	IFTFX1ET7BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/23/11	08/31/11	06/15/12	21,172	10	4069128
320		2011	IFTFX1ET7BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/20/11	08/08/11	06/27/12	20,157	11	4166926
321		2011	IFTFX1ET7BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/22/11	08/01/11	05/09/12	14,433	10	3915235
322		2011	IFTFX1ET8BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/08/11	06/30/11	06/01/12	17,295	12	4047493
323		2011	IFTFX1ET8BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	08/22/11	09/03/11	06/27/12	12,437	10	4132694
324		2011	IFTFX1ET9BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/11	03/14/11	06/21/12	30,041	16	4129305
325		2011	IFTFX1ET9BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/27/11	09/22/11	06/06/12	20,993	9	3906981
326		2011	IFTFX1ET9BF0	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	07/20/11	09/19/11	06/12/12	35,004	9	3999305
327		2011	IFTVX1ET2BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/15/11	05/02/11	06/23/12	13,477	14	4170416
328		2011	IFTVX1ET6BK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/11/11	04/30/11	06/07/12	26,643	14	4017174
329		2012	IFTFW1CT0CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/10/12	03/10/12	06/12/12	10,950	4	1366430
330		2012	IFTFW1CT1CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/07/12	04/02/12	06/16/12	3,887	3	1497145
331		2012	IFTFW1CT1CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/01/12	06/19/12	06/27/12	1,103	1	1483878
332		2012	IFTFW1CT2CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/28/11	04/20/12	06/18/12	2,962	2	1411522
333		2012	IFTFW1CT2CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/23/12	03/09/12	06/18/12	7,640	4	1469919
334		2012	IFTFW1CT2CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/19/12	04/24/12	06/11/12	5,498	2	1308258
335	1	2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/21/11	12/01/11	06/15/12	18,742	7	1437271
336	2	2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/21/11	12/01/11	06/26/12	20,212	7	1636463
337	1	2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/15/12	03/21/12	06/11/12	1,387	3	1310489
338	2	2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/15/12	03/21/12	07/05/12	1,574	4	1624574
339		2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/21/12	04/19/12	06/11/12	6,143	2	1457150
340		2012	IFTFW1CT3CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/03/12	06/01/12	06/11/12	834	1	1482234
341		2012	IFTFW1CT4CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/15/11	06/11/12	06/15/12	6,659	1	1424265
342		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/10/11	03/28/12	06/25/12	4,937	3	1455936
343		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/14/12	05/02/12	06/08/12	2,392	2	1307293
344		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/12	04/13/12	06/12/12	3,393	3	1439679
345		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/29/12	05/12/12	06/11/12	2,788	2	1308691
346		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/29/12	04/14/12	06/11/12	4,367	2	1338864
347		2012	IFTFW1CT5CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/03/12	06/08/12	06/15/12	1,087	1	1387863

	O	P
298	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
299	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
300	V40 - Good Idle Quality	D10 - Engine Idles too Slow
301	V29 - Check Engine Light	E29 - Check Engine Light Trouble
302	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
303	V29 - Check Engine Light	E29 - Check Engine Light Trouble
304	V52 - Driveability	D21 - Engine Stalls
305	V52 - Driveability	D42 - Poor Performance/Lacks Power
306	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
307	V29 - Check Engine Light	E29 - Check Engine Light Trouble
308	V29 - Check Engine Light	E29 - Check Engine Light Trouble
309	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
310	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
311	V52 - Driveability	D42 - Poor Performance/Lacks Power
312	V29 - Check Engine Light	E29 - Check Engine Light Trouble
313	V48 - Auto Trans	P51 - Difficult to Operate Shift Lever
314	V48 - Auto Trans	P69 - Gear Changes Take too Long to Complete
315	V29 - Check Engine Light	E29 - Check Engine Light Trouble
316	V52 - Driveability	D42 - Poor Performance/Lacks Power
317	V29 - Check Engine Light	E29 - Check Engine Light Trouble
318	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
319	V29 - Check Engine Light	E29 - Check Engine Light Trouble
320	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
321	V48 - Auto Trans	P59 - Other Auto Trans Troubles
322	V48 - Auto Trans	P59 - Other Auto Trans Troubles
323	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
324	V29 - Check Engine Light	E29 - Check Engine Light Trouble
325	V52 - Driveability	D42 - Poor Performance/Lacks Power
326	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
327	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
328	V29 - Check Engine Light	E29 - Check Engine Light Trouble
329	V29 - Check Engine Light	E29 - Check Engine Light Trouble
330	V52 - Driveability	D42 - Poor Performance/Lacks Power
331	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
332	V29 - Check Engine Light	E29 - Check Engine Light Trouble
333	V29 - Check Engine Light	E29 - Check Engine Light Trouble
334	V29 - Check Engine Light	E29 - Check Engine Light Trouble
335	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
336	V29 - Check Engine Light	E29 - Check Engine Light Trouble
337	V29 - Check Engine Light	E29 - Check Engine Light Trouble
338	V29 - Check Engine Light	E29 - Check Engine Light Trouble
339	V29 - Check Engine Light	E29 - Check Engine Light Trouble
340	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
341	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
342	V29 - Check Engine Light	E29 - Check Engine Light Trouble
343	V29 - Check Engine Light	E29 - Check Engine Light Trouble
344	V29 - Check Engine Light	E29 - Check Engine Light Trouble
345	V29 - Check Engine Light	E29 - Check Engine Light Trouble
346	V29 - Check Engine Light	E29 - Check Engine Light Trouble
347	V29 - Check Engine Light	E29 - Check Engine Light Trouble

	Q
298	D50 REPAIR FOR VEHICLE LACKED POWER STUMBLES WHEN DRIVING HIGHWAY SPEEDS
299	CUST REPORTS VEH SPITS/SPUTTERS AT TIMES and HAS A LACK OF POWER SOP HERE
300	CUST STATES IDLE SEEMS TOO LOW LIKE IT WILL STALL
301	CUSTOMER STATES THE CEL IS ON NO TROUBLE
302	CUSTOMER STATES PUTTING THE VEHICLE INTO GEAR CANCLANK NOISE LIKE A BAD UJOINT and AT TIMES CANEVEN FEEL ON SHIFTS
303	CUSTOMER STATES THE CHECK ENGINE LIGHT IS FLASHING CUSTOMER STATES THERES NO POWER WHEN DRIVING ON THE HIGHWAY.HEARS A RUMBLING NOISE AS WELL. AT ONE POINT WH
304	CUSTOMER STATES:ENGINE UNDER LOAD, STARTS MISFIRING, HESITATING and CHECK ENGINE LIGHT STARTED FLASHING. LIGHT WENT TO SOLID,THAN TURNED OFF, BUT ENGINE STILL MISF
305	ENGINE SHAKE AT TIME
306	CUSTOMER STATES ENGINE MISFIRES WHEN COLD and AND UNDER LOAD WHEN HOT
307	CUSTOMER STATES THE SERVICE ENGINE SOON WARNING LAMP IS ON
308	CHECK ENGINE
309	CUSTOMER STATES THERES HESITATION PROBLEMS AT LOW SPEEDS ALL THE TIME PLEASE INSPECT
310	CUSTOMER STATES THERES A SHUDDER IN FIRST GEAR WHEN STOPPED/ OR STOPPING
311	LOS OF POWER
312	FAULT CODE P0234
313	CUST STATES FLUTTER AT 50 58 MPH
314	CUSOTMER STATES THAT TRUCK IS JERKING AT 1500 RMPMS ON A INCLINE.
315	ENGINE LIGHT ON (E29)
316	VEHICLE SEEMS TO LOAD UP WHEN DRIVING,BLACK SMOKE and MISSES,WORSE WHEN WET OR DAMP
317	MECANIQUE AUTOMOBILE ATELIER 1 TEMOIN CHECK ENGINE ALLUME INTERMITTENT >
318	CHECK ENGINE LIGHT ON PERFORM TSB 12 6 4 INSTALL INTERCOOLER DEFLECTOR MISFIRE ON STEADY CRUISE UNDER LOAD
319	CUSTOMER STATES THE CHECK ENGINE LIGHT IS COMING ON CHECK and ADVISE E29
320	CUSOTMIE RSTS HWY DRIVING GOING OVER AN OVERPASS FELT LIKE RIDDING OVER RUBBLE STRIP ENG SHUTTER
321	THE CUSTOMER STATES BANGING THUMPING NOISE GOING INTO 4TH GEAR
322	TRANS GIVES DOWNSHIFTS HARD WHEN COASTING
323	ENG MISS ON HARD ACCELL
324	LUMIERE CHECK ENGINE ALLUMEE
325	VEHICLE CHUGS and HESITATES and HAS LITTLE POWER
326	CK ENGINE. BOGGING DOWN WHEN TRYING TO ACCELERATE. HIGHWAY DRIVING.
327	DRIVEABILITY; cust states when towing and going to pass or under a load vehicle starts to miss and run rough then check engine light startedto flash and it was missing badly check and advi
328	CUSTOMER STATES CEL LITE IS ON, STILL RUNS OK
329	CHECK ENGINE LIGHT IS ON.
330	RED TEAM DRIVEABILITY C/S VEHICLE STUMBLES AT TIMES WHILE DRIVING.
331	CUSTOMER STATES CAR IS SHAKING WHEN ACCELERATING. CHECK ENGINE LIGHT STARTED FLASHING. CHECK and ADVISE
332	GUEST STATES CHECK ENGINE LIGHT IS ON FUEL GUAGE FLUCKUATES CHECK and ADVSIE
333	CHECK ENGINE LIGHT ON
334	CUSTOMER STATES THAT CHECK ENGINE LIGHT COMES ON
335	ENGINE SKIP MISS DRIVING 55 TO 60MPH SLIGHT PULL HOT OR COLD BUT WORSE COLD
336	CUSTOMER STATES CHECK ENGINE LIGHT ON NO POWER DRIVING ACCEL
337	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON, FLASHING, TRAN MISSION VIBRATES WHEN SHIFTING, INSP and REPORT.
338	CUSTOMER STATES THE CHECK ENGINE LIGHT CAME BACK ON, INSP AN D REPORT.
339	CHECK ENGINE LIGHT FLASHED and LOST ALL POWER;ENGINE LIGHT IS SOLID NOW
340	CUSTOMER STATES WHILE DRIVING VEHICLE HESISTATED and THEN THE CHECK ENGINE LIGHT CAME ON, VEHICLE DRIVES THE SAME NOW
341	CK FOR ENGINE MISS ON ACCELERATION AT HWY SPEEDS
342	CUST STATES THE CHECK ENGINE LIGHT IS ON SOP PARTS HERE
343	CK VECH STARTED STUMBLING SHAKES and CK ENG LIGHT CAME ON and WAS FLASHING DRIVING ON HIGHWAY
344	CUSTOMER STATES THE CK ENGINE LIGHT IS ON CAME ON DURING ACCELERRATION
345	CUST STATES THE CHECK ENGINE LIGHT IS ON and THE VEH HAS A SKIP CHECK and ADVISE
346	C/S CHECK ENGINE LIGHT ON
347	CUST STATES CHECK ENGINGE LIGHT IS ON and FELT A MISS/SKIP THEN LIG HT CAME ON



	R
298	SELF TEST PCM, P030X, CHK OASIS, REPROGRAM PCM PER TSB 12 06 04
299	VERIFY INSTALLED AIR DEFLECTOR PLATE and REPROGRAM MED PCM ALL OK AT THIS TIME.
300	VERIFIED CONCERN. SELF TESTED and NO DTC'S RETRIEVED. RAN OASIS and FOUND TSB 12 6 4 WITH SIMILAR SYMPTOM. UPDATED PCM TO LATEST CALIBRATION FILES. VERIFIED PROPER VE
301	TEST FOR MIL ON, KOEO SELF TEST, P0430, PERFORMED TSB 12 06 04, INSTALLATION OF BANK 2 CAT ALYTIC CONVERTER and REPROGRAM PC M
302	TEST FOR HARSH ENGAGEMENT and DELAYED E NGAGEMENT, PERFORMED TSB 12 02 16, REPROGRAMMED PCM TO LATEST CALIBRATION, RETEST, RESTORED NORMAL OPERATION
303	VERIFIED CUSTOMERS CONCERN. FOUND CMDTC S P0302. CHECKED OASIS FOR TSBS and SSMS and FOUND TSB 12 6 04. FOLLOWED PROCEDURE IN TSB and INSTALLED CAS AIR DEFLECTOR and
304	VERIFIED CONCERN DURNING ROADTEST . CHECKED ENGINE LIGHT and FOUND P0302 64 00. PERFORMED CYLINDER BALANCE TEST. FOUND #2 WOULD DROP OUT OF OCCOTAION. PERFORMEI
305	CHECKED and PERFORMED TSB 12 6 4 9011
306	TESTED NO CODES. FOUND TSB 12 06 04. CONTACTED HOT LINE #105487445. INSTALLED THE DEFLECTOR and UPDATED PCM PER TSB. ROAD TEST OK
307	EEC TEST, P0430, REPLACED THE LEFT CATALY ST, INSTALLED CAC AIR DEFLECTOR and REPROGRAMMED THE PCM PER TSB 120604B 1.0
308	CHECK ENGINE ALLUMER , VERIFIER CODE AVEC IDS , P0430 COTE RANGER 2 , ALLER VOIR OASIS , BULLETIN 12 06 04 , REPROGRAMMER PCM B13A 12A650 AZG , CHANGER CATALISEUR COTI
309	**120604A 0.5, BASIC P/N 6K775, CONDITION CODE 42** EEC TEST NO CODES. ROAD TEST MONITOR POWER BALANCE, MONITOR PIDS, NO HESITATION NOTICED. TALKED WITH ADVISOR and GO
310	TRANS DIAG, IDS TESTED NO CODES, CHECKED WITH OASIS HAS TSB FOR CONCERN, PERFORM TSB #12 2 12 REPROGRAM THE PCM OPERATION #1 20212, PLEASE ADVISE THE CUSTOMER THAT T
311	PERFORMED TSB'S 12 06 04 OPEERATION 120604B and PERFORMED TSB 3 12 03 14 OPARATION # 12 0314A
312	PERFORMED TSB REPROGRAMMED PCM
313	TECH FOUND P0299 FOUND TEST DRIVE, FOUND STUMBLE UPHILL. PERFORM TSB 12 06 04, REPROGRAMMED PCM TO LATEST CALIBRATION PER TSB. TEST DRIVE OK 120604A
314	VERIFIED CONCERN SURGING AT TIMES FOUND TSB 12 6 4 UPDATED PCM RETESTED ALL GOOD AFTER REPAIR.
315	RETRIEVED CODES CHECKED OASIS FOUND TSB 12 06 04 CHANGED CONVERTER AND REPROGRAMMED PCM PER TSB OK NOW(12)
316	ROADTEST WITH IDS PASSED WITH NO CODES, INSPECT FOR CAC DEFLECTOR PRESENT, REPROGRAM PCM PER TSB 12 06 04 RETEST and ROADTEST
317	VERIFIER POUR CODE AUCU CODE FAQT TSB 12 6 4 FAIT PCM UPGRADE ET COMMANDER DEFLECTEUR OPP 120604B. INSTALLER DEFLECTEUR
318	INSTALL INTER COOLER DEFLECTOR and REPROGRAM PCM PERFORMED TSB 12 6 4
319	TECH VERIFIED CHECK ENGINE LIGHT ON IDS EEC TEST P0430 OASIS FOUND TSB 12 6 4 APPLIES PERFORMED TSB REMOVED and REPLACED TSB LEFT BANK 2 CATALYTIC CONVERTOR WITH NE
320	CC12 PERFORMED IDS DIAG, NO CODES, RAN OASIS and INSTALLED CAC AIR DEFLECTOR PLATE and REPROGRAMMED PCM AS PER TSB 12 6 4 RETEST ROADTEST
321	CHECKED and CONFIRMED CUSTOMERS CONCERN 4 TH GEAR HARSH SHIFT REPROGRAM PCM AS PER TSB 12 2 10
322	REPROGRAMMED PCM TCM AS PER TSB 12 02 10
323	VERIFY CONCERN, INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAM THE PCM, NO DTC'S
324	CONFIRME, MANQUE DE PUISSANCE SELFTEST P0300 00 64 RATE ALEATOIRE CAUSE NON DETERMINER P0430 00 68 EFFICACITE CATALISEUR 2 EFFACER CODE RETEST CODES REVIENENT OAS
325	DIAGNOSIS and TESTING CUSTOMER STATES VEHICLE HESITATION/CHUGS PERFORM TSB 12 02 10 REPRROGRAM PCM TO LATEST CAL#BL3A 12A650 AZG CLEAR ANY DTC'S and RETEST PASS
326	AFTER DISENGAGING CRUISE CONTORL DOES NOT OPERATE TSB 12 6 4 VERIFY CONCERN. CHECK OASIS FOR TSB/SSM. CHECK FOR DTC NONT
327	test drove and verify concern, pull dtc p0306, found tsb 12 6 4, reprogrammed pcm, still has misfire on cyl 6. swapt coil with cyl 2 and test drove and vehicle no longer has misfire.; pprogram pcm and clear code
328	PERFORMED TSB 12 6 4 REPLACED CAT CONVERTOR REPROGRAMMED PCM and INSTALLED CAC AIR DEFLECTOR FOR CEL LIGHT CONCERN P0430
329	PCM REPROGRAMM YES KOEO PASS KOER PASS KOEC P0306 PER TSB 12 6 4 PROGRAM PCM
330	PERFORMED EEC5 SELF TEST and REPROGRAMED PCM TO LATEST CALIBRATION AS PER TSB 12 06 04A.
331	TECH INSPECTED and RAN SELF TEST PASS. RAN OASIS and FOUND TSB 12 6 4 APPLIES TO VEHICLE. FOUND PCM REPROGRAMMED WAS PROPER REPAIR AT THIS TIME. TEST DROVE COMPLETE
332	IDS TEST P0299 RAN OASIS & PERFORM TSB 2011 2012 F 150 3.5L GTDI: CHECK DTC'S, INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY and REPROGRAM THE PCM. ROAD TEST & RETEST EEC
333	RUN EEC TEST. CODE P0340. CHECK OVER and PERFORM TSB 12 6 4. LEFT CAT REPLACEMENT and AIR DE FLECTOR INSTALLATION. CLEAR CODE. REPROGRAM PCM
334	PERFOREMD DIAG. CHECK TSB PERFORMED TSB 12 06 04 DEFLECTOR ALREADY IN PLACE REPROGRAMMED PCM PER TSB
335	CHECK DTC'S, REPROGRAM PCM PER TSB and RETEST OPEATION
336	INSPECT and INSTALLED CHARGE AIR COOLER SHIELD PER TSB and REPROGRAMMED PCM TO LATEST CALIBRATION
337	724 1683 VERIFIED CONCERN. EEC TEST CODES P0302 MISFIRE #2 CYLINDER and P0316 MISFIRE FIRST 1000 REVOLUTIONS. CHECKED OASIS FOUND TSB 12 6 4. INSPECTED FOR AIR DEFLECTOR N
338	724 1683 TEST DROVE VERIFIED CONCERN. EEC TEST RETIREVED CODE P0302. MISFIRE CYLINDER #2. CHECKED OASIS NO SSMS. TSBS HAVE ALREADY BEEN PEROFRMD. CHECKED POWER B/
339	VERIFIED CONCERN, PERFORMED EEC TEST DTC P0297 AND P0306, PERFORMED TSB 12 6 4. REFLASHED PCM AND ADDED DEFLECTOR PLATE and PUSH PINS
340	verify check engine light on , eec test p0299 , del display , ran symptom codes , installed air deflector on cac & recal pcm per tsb 12 6 4 , road test ok
341	COMPLETED CALIBRATION UPDATE PER TSB 12 06 04
342	PERFORM TSB 12 6 4
343	CK and DIAG HAS PASS CODES IN KOEO, KOEC, KOER, CK OASIS and PERFORM TSB 12 6 4 DTC P0430 NOT PRESENT, CAC HAS CAC DEFLECTOR, REPROGRAM PCM TO LATEST AVAIL; CALIBRATION
344	MODULE UPDATE INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAM PCM
345	VERIFIED CONCERNS and SCANS FOR ANY DTC'S and FOUND CODES P0306 and P0316 IN THE MEMORY. CHECKED OASIS and FOUND TSB PROCEDURE 12 06 04 and IT WAS NECESSARY TO REI
346	RAN EEC TEST P0306 CLEARED CODES and TRIED TO DUPLICATED BUT COULD NOT RAN PIDS and CHECKED BOTH CAT CONVERTERS BOTH WERE GOOD REPROGRAMED PCM TO LATEST LEVE
347	PERFORM DIAG CODE P0306 REPROGRAM PCM PER TSB 12 06 04

	S	T	U	V	W	X	Y
298	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
299	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
300	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
301	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
302	F04 - Powertrain	2G05 - Recalibrations	*	RECALEM - ECC Processor Recal, Emissions	*	4 - Software Revision, Flash Module	0.0
303	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
304	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	28 - Open Circuit	1.3
305	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	4 - Software Revision, Flash Module	0.5
306	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
307	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
308	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	0.5
309	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
310	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	4 - Software Revision, Flash Module	0.4
311	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
312	F04 - Powertrain	2D01 - Engine Control Actuators	BL3Z	9K378 - Solenoid-Turbo Cont	A	49 - Contaminated/Foreign	0.7
313	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
314	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
315	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
316	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
317	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	1.0
318	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
319	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
320	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	1.0
321	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
322	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
323	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
324	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
325	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
326	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
327	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
328	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
329	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
330	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
331	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
332	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
333	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
334	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
335	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
336	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
337	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
338	F04 - Powertrain	2B03 - Spark Plugs	*	12405 - Spark Plugs	*	42 - Does Not Operate Properly	1.0
339	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
340	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
341	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
342	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
343	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
344	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
345	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
346	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
347	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
298	\$65	\$0	\$65	534178B	A6040	Universal Ford Lincoln Sales L	403	2912800	AB	Canada	NA	4A6040	1	Canada	@
299	\$50	\$11	\$61	420915B	6717	Berglund Ford	540	3897291	VA	USA	NA	127081	S07	USA	@
300	\$55	\$0	\$55	095871B	8190	All American Ford Lincoln of P	201	2624900	NJ	USA	NA	113143	S07	USA	@
301	\$85	\$322	\$407	232999A	4664	Jordan Ford	574	2591981	IN	USA	NA	148084	S07	USA	@
302	\$0	\$0	\$0	232999B	4664	Jordan Ford	574	2591981	IN	USA	NA	148084	S07	USA	@
303	\$45	\$10	\$205	50362201	797	Milham Ford	610	2539191	PA	USA	NA	116463	S07	USA	@
304	\$116	\$64	\$270	50435401	797	Milham Ford	610	2539191	PA	USA	NA	116463	S07	USA	@
305	\$30	\$14	\$44	185809D	B3225	Tusket Sales & Service Ltd	902	6482600	NS	Canada	NA	4B3225	E84	Canada	
306	\$52	\$10	\$62	826935A	3170	Go Courtesy Ford	303	7944343	CO	USA	NA	156009	E83	USA	@
307	\$100	\$311	\$410	306794A	6256	Crest Ford, Inc.	586	7552100	MI	USA	NA	148040	S07	USA	@
308	\$37	\$294	\$330	31608701	B2703	Automobiles Mauger Ford Inc.	418	3924444	QC	Canada	NA	4B2478	S07	Canada	@
309	\$46	\$0	\$46	307497B	B4420	Birchwood Keystone Ford	204	6619555	MB	Canada	NA	4B4735	E84	Canada	@
310	\$37	\$0	\$37	307497C	B4420	Birchwood Keystone Ford	204	6619555	MB	Canada	NA	4B4735	E84	Canada	@
311	\$101	\$312	\$413	247876A	782	Acton Ford, Inc.		*	MA	USA	NA	111454	S07	USA	
312	\$70	\$17	\$87	247876B	782	Acton Ford, Inc.		*	MA	USA	NA	111454	S07	USA	
313	\$38	\$0	\$38	67063201	7885	Sid Dillon Ford Lincoln, Inc.	402	8262668	NE	USA	NA	153682	S07	USA	@
314	\$42	\$0	\$42	4178501	7013	Hunzeker Ford, Inc.	208	8523853	ID	USA	NA	156583	S07	USA	@
315	\$86	\$308	\$394	22559301	A3255	Plaza Ford Sales Limited	902	5671616	NS	Canada	NA	4A3255	S07	Canada	
316	\$35	\$0	\$35	965001	9777	Mike Lynch, Inc.	989	7342311	MI	USA	NA	148607	S07	USA	
317	\$88	\$15	\$103	236701	A2203	Hardy Ringuette Automobiles In	819	8250752	QC	Canada	NA	4B2425	E83	Canada	
318	\$46	\$15	\$61	384102	B8425	Blackstock Ford Lincoln Sales	519	9415431	ON	Canada	NA	4B8425	E84	Canada	@
319	\$95	\$304	\$398	5632503	7286	Keith Hawthorne Ford Lincoln o	704	5522760	NC	USA	NA	121213	S07	USA	
320	\$92	\$13	\$105	76117201	4790	Gary Yeomans Ford Lincoln	386	2536771	FL	USA	NA	124461	S07	USA	@
321	\$44	\$0	\$44	8064606	615	Delacy Ford, Inc.	716	6681200	NY	USA	NA	144122	S07	USA	
322	\$40	\$0	\$40	14345601	B1388	Rockland Ford Sales Ltd	613	4466464	ON	Canada	NA	4B1388	E84	Canada	
323	\$43	\$11	\$55	3914501	1486	Northland Ford, Inc.	724	4533673	PA	USA	NA	144488	S07	USA	@
324	\$76	\$297	\$373	16721302	A2065	Automobiles Rejean Laporte Et	450	8363783	QC	Canada	NA	4A2065	S07	Canada	@
325	\$38	\$0	\$38	216408A	8834	Bill Marsh Ford	231	2589192	MI	USA	NA	156431	S07	USA	
326	\$38	\$0	\$38	4251204	4988	Langdale Ford Company	229	3332300	GA	USA	NA	121617	S07	USA	
327	\$41	\$0	\$41	021127A	9443	Houston Ford, Inc.	218	5874419	MN	USA	NA	158498	S07	USA	
328	\$86	\$334	\$420	2690951	4634	Mike Raisor Ford	765	4479444	IN	USA	NA	147060	S07	USA	@
329	\$46	\$0	\$46	8989751	4587	Helfman Ford, Inc.	281	2403673	TX	USA	NA	152182	S07	USA	@
330	\$46	\$0	\$46	2719901	8211	Robinson Brothers Ford Lincoln	225	2938900	LA	USA	NA	123203	S07	USA	@
331	\$52	\$0	\$52	6421851	8951	Ford of Clermont, Inc.	352	3946161	FL	USA	NA	124418	S07	USA	@
332	\$51	\$0	\$111	465551	5389	Kearny Pearson Ford	858	5605544	CA	USA	NA	171084	S07	USA	
333	\$86	\$311	\$398	245228A	6422	Butch Oustalet, Inc.	228	8635525	MS	USA	NA	123071	S07	USA	@
334	\$35	\$0	\$35	11714301	4885	Chipola Ford	850	4824043	FL	USA	NA	152032	S07	USA	
335	\$46	\$0	\$46	6954003	1730	Mike Fitzpatrick Ford, Inc.	770	5023673	GA	USA	NA	121565	S07	USA	@
336	\$46	\$12	\$58	6993902	1730	Mike Fitzpatrick Ford, Inc.	770	5023673	GA	USA	NA	121565	S07	USA	@
337	\$60	\$11	\$71	66920502	7742	Big Valley Ford Lincoln	209	8704400	CA	USA	NA	172402	S07	USA	
338	\$120	\$64	\$184	67104001	7742	Big Valley Ford Lincoln	209	8704400	CA	USA	NA	172402	S07	USA	@
339	\$43	\$11	\$54	244885A	6422	Butch Oustalet, Inc.	228	8635525	MS	USA	NA	123071	S07	USA	
340	\$44	\$11	\$55	185592B	5892	Woody Anderson Ford	256	5399441	AL	USA	NA	121717	S07	USA	@
341	\$50	\$0	\$50	3226504	4798	Weikert Ford Inc	863	6767944	FL	USA	NA	124493	S07	USA	@
342	\$45	\$13	\$58	67314102	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124408	S07	USA	
343	\$42	\$0	\$42	9427851	3942	Paradise Ford	321	6322222	FL	USA	NA	124523	S07	USA	@
344	\$47	\$13	\$60	5000151	4948	Gary Smith Ford Inc	850	2444111	FL	USA	NA	124555	S07	USA	@
345	\$41	\$0	\$41	10787801	5298	Pioneer Ford	770	5372373	GA	USA	NA	121556	S07	USA	@
346	\$48	\$0	\$48	406737C	6466	Terrebonne Ford	985	8765100	LA	USA	NA	123548	S07	USA	
347	\$37	\$0	\$37	805761	9766	Kidd Ford Lincoln	931	8153419	TN	USA	NA	152520	S07	USA	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
348		2012	IFTFWICT5CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/23/12	06/13/12	06/25/12	1,731	1	1484218
349		2012	IFTFWICT6CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/18/11	02/13/12	06/08/12	10,268	4	1337715
350		2012	IFTFWICT6CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/12	04/13/12	06/27/12	4,607	3	1494950
351	1	2012	IFTFWICT6CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/02/12	02/21/12	06/19/12	7,954	4	1456194
352	2	2012	IFTFWICT6CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/02/12	02/21/12	06/19/12	7,954	4	1495102
353		2012	IFTFWICT7CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/28/12	02/11/12	06/11/12	11,275	5	1310782
354		2012	IFTFWICT8CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/29/12	04/23/12	06/13/12	5,898	2	1386390
355		2012	IFTFWICT8CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/14/12	05/30/12	06/28/12	1,257	1	1494910
356		2012	IFTFWICT8CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/17/12	03/01/12	06/05/12	6,670	4	1327670
357		2012	IFTFWICT9CF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/08/12	04/06/12	06/12/12	7,064	3	1456046
358		2012	IFTFWICT9CK	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/12/12	05/04/12	06/11/12	4,630	2	1409539
359		2012	IFTFWICTXCF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/16/12	04/30/12	06/11/12	4,730	2	1425367
360		2012	IFTFWICTXCF	F150	Crew Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/22/12		06/07/12	119	(1)	1492344
361		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/10/11	04/02/12	06/20/12	7,262	3	1464876
362	1	2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/10/11	01/31/12	06/20/12	7,492	5	1407092
363	2	2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/10/11	01/31/12	07/07/12	7,678	6	1586699
364		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/12/11	02/21/12	06/13/12	8,559	4	1427007
365		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/21/12	02/17/12	06/22/12	6,839	5	1469920
366		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/17/12	02/20/12	06/21/12	5,267	5	1440480
367		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/28/12	03/20/12	06/28/12	4,160	4	1494767
368		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/12	02/27/12	06/18/12	4,157	4	1408413
369		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/06/12	03/26/12	06/27/12	4,285	4	1490749
370		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/12/12	04/20/12	06/04/12	4,793	2	1339471
371		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/14/12	03/24/12	06/12/12	4,309	3	1441598
372		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/12/12	06/01/12	06/14/12	853	1	1337732
373		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/24/12	05/19/12	06/10/12	1,007	1	1283721
374		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/25/12	05/23/12	06/12/12	2,103	1	1452003
375		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/01/12	05/26/12	06/11/12	927	1	1302329
376		2012	IFTFWIET0CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/30/12	05/11/12	06/14/12	2,179	2	1399491
377		2012	IFTFWIET0CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	11/22/11	12/31/11	05/31/12	10,807	6	1477602
378		2012	IFTFWIET0CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/22/12	03/21/12	06/26/12	12,161	4	1496314
379		2012	IFTFWIET0CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/30/12	05/14/12	06/25/12	5,739	2	1442571
380		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/09/11	02/04/12	06/19/12	16,101	5	1423895
381		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/18/11	12/03/11	06/18/12	16,358	7	1378467
382		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/22/11	01/07/12	06/14/12	8,646	6	1337827
383		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/06/11	12/26/11	06/09/12	10,481	6	1286122
384		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/15/11	01/28/12	06/25/12	4,450	5	1497865
385		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/18/12	03/03/12	06/27/12	9,357	4	1484663
386		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/10/12	02/20/12	06/08/12	7,333	4	1327173
387		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/28/12	02/17/12	06/18/12	4,849	5	1410238
388		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/11/12	02/03/12	05/17/12	14,496	4	1368226
389		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/07/12	04/11/12	06/12/12	3,678	3	1496110
390		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/12/12	02/27/12	06/14/12	9,843	4	1347706
391		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/06/12	02/22/12	06/22/12	7,695	5	1468828
392	1	2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/09/12	03/24/12	05/07/12	4,395	2	1291717
393	2	2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/09/12	03/24/12	07/09/12	10,211	4	1611685
394		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/22/12	03/21/12	06/04/12	7,128	3	1454911
395		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/02/12	06/06/12	06/28/12	2,245	1	1493547
396		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/12/12	04/24/12	06/28/12	3,859	3	1478554
397		2012	IFTFWIET1CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/25/12	05/11/12	06/19/12	11,426	2	1471775

	O	P
348	V29 - Check Engine Light	E29 - Check Engine Light Trouble
349	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
350	V29 - Check Engine Light	E29 - Check Engine Light Trouble
351	V29 - Check Engine Light	E29 - Check Engine Light Trouble
352	V29 - Check Engine Light	E29 - Check Engine Light Trouble
353	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
354	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
355	V29 - Check Engine Light	E29 - Check Engine Light Trouble
356	V29 - Check Engine Light	E29 - Check Engine Light Trouble
357	V29 - Check Engine Light	E29 - Check Engine Light Trouble
358	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
359	V52 - Driveability	D42 - Poor Performance/Lacks Power
360	V29 - Check Engine Light	E29 - Check Engine Light Trouble
361	V52 - Driveability	D42 - Poor Performance/Lacks Power
362	V52 - Driveability	D42 - Poor Performance/Lacks Power
363	V29 - Check Engine Light	E29 - Check Engine Light Trouble
364	V29 - Check Engine Light	E29 - Check Engine Light Trouble
365	V52 - Driveability	D42 - Poor Performance/Lacks Power
366	V52 - Driveability	D42 - Poor Performance/Lacks Power
367	V49 - Powertrain Good Sound and NVH	N12 - Unusual Engine Noise while Driving
368	V49 - Powertrain Good Sound and NVH	N11 - Unusual Engine Noise at Idle
369	V29 - Check Engine Light	E29 - Check Engine Light Trouble
370	V52 - Driveability	D21 - Engine Stalls
371	V52 - Driveability	D53 - Other Engine Troubles - Driveability Related
372	V29 - Check Engine Light	E29 - Check Engine Light Trouble
373	V29 - Check Engine Light	E29 - Check Engine Light Trouble
374	V29 - Check Engine Light	E29 - Check Engine Light Trouble
375	V29 - Check Engine Light	E29 - Check Engine Light Trouble
376	V29 - Check Engine Light	E29 - Check Engine Light Trouble
377	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
378	V29 - Check Engine Light	E29 - Check Engine Light Trouble
379	V29 - Check Engine Light	E29 - Check Engine Light Trouble
380	V52 - Driveability	D42 - Poor Performance/Lacks Power
381	V29 - Check Engine Light	E29 - Check Engine Light Trouble
382	V48 - Auto Trans	P59 - Other Auto Trans Troubles
383	V29 - Check Engine Light	E29 - Check Engine Light Trouble
384	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
385	V29 - Check Engine Light	E29 - Check Engine Light Trouble
386	V29 - Check Engine Light	E29 - Check Engine Light Trouble
387	V29 - Check Engine Light	E29 - Check Engine Light Trouble
388	V52 - Driveability	D21 - Engine Stalls
389	V29 - Check Engine Light	E29 - Check Engine Light Trouble
390	V29 - Check Engine Light	E29 - Check Engine Light Trouble
391	V29 - Check Engine Light	E29 - Check Engine Light Trouble
392	V29 - Check Engine Light	E29 - Check Engine Light Trouble
393	V52 - Driveability	D02 - Engine would not Start
394	V29 - Check Engine Light	E29 - Check Engine Light Trouble
395	V83 - Instrumentation Function	G32 - Inst Clust/Message Center Troubles
396	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
397	V52 - Driveability	D53 - Other Engine Troubles - Driveability Related

Q	
348	CUST STATES WHILE DRIVING, TRANS SHIFTING INTO 5 6 GEAR STARTED TO SHUTTER & CHECK ENGINE LIGHT STARTED FLASHING
349	CHECK JERKS ON HEAVY ACCELERATION
350	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
351	CHECK FOR LIGHT ON
352	CHECK FOR LIGHT ON AGAIN, NOT RUNNING BAD
353	CUSTOMER STATES TRUCK RUNS ROUGH SEEMS TO PUT EXCESSIVE SOOT OUT TAILPIPE
354	CUST STATES ENGINE RUNNING ROUGH IN THE COLD START ENGINE LIGHT IS ON NOW
355	DIAGNOSE CHECK ENGINE LIGHT
356	CHECK ENGINE LIGHT IS ON
357	CUSTOMER STATES CHECK ENGINE LIGHT IS ON. TRUCK LOST POWER and CEL BEGAN TO FLASH '
358	CUSTOMER STATES WHILE DRIVING IN RAIN FOR EXTENDED PERIOD OF TIME and GOING UPHILL, LOST POWER and STUMBLER
359	CK WONT GO ABOVE 40MPH SOMETIMES
360	CHECK ENGINE LIGHT IS ON
361	CUSTOMER COMPLAINS OF NO POWER WHEN PULLING OUT TO PASS. MIL LAMP FLASHES
362	ENGINE MISSING RUNNING ROUGH, SEEMS WORSE WHEN RAINING CHECK ENGINE LIGHT WAS ON
363	POOR POWER ENGINE HESITATION, TSB RECENTLY DONE FOR UPDATE BUT DEFLECTOR SHIELD WAS NOT INSTALLED.
364	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
365	CK VEHICLE STARTED RUNNING ROUGH WHILE DRIVING ON TRIP
366	D42 C/S THAT THE ENGINE MISSES WHEN GOING UPHILLS
367	CUSTOMER STATES THAT THERE IS A NOISE WHILE DRIVING INSTALL SOP
368	SHUDDER ON TAKE OFF FROM TOWING ANY WEUGHT WHAT SO EVER
369	CHECK ENGINE LIGHT ON CUST ADVISES HAS HAD POOR ACCELERATION ON OCCASION, LACK OF POWER WHEN PULLING OUT TO PASS.
370	CHECK CUSTOMER STATES THAT VEHICLE STALLS
371	LOW FUEL MILEAGE 12MPG
372	CHECK ENGINE LIGHT ON RUNNING ROUGH UNDER A LOAD
373	CHECK and ADVISE CEL ON, NO RUNNING CONCERNS AT THIS TIME.
374	REPAIR FOR WAS ON HWY and WENT TO ACCEL, DOWN SHIFTED and NO POWER, NO RPM CEL STARTED FLASHING, LIGHT CAME ON STEADY , SEEMS TO BE RUNNING OK NOW ??, LIGHT WENT
375	ENGINE RUNS ROUGH / IDLE MESSAGE CENTER SAID ON ANGLE? FOUND SHIFTING HARD ON WAY DOWN TO HERE TODAY LAST WEEK >
376	CUSTOMER REPORTS CHECK ENGINE LIGHT IS ON
377	BOGS OUT AT TIMES WHEN ACCELERATING, THEN PICKS UP
378	WHEN APPLYING HARD TO THE GAS VEHICLE JERKS HARD WHEN AROUND TOWN IT FINE CHECK ENGINE LIGHT STARTS TO FLASH NO IS JUST ST
379	CHECK ENGINE LIGHT CAME ON WHEN DRIVING IN THE RAIN
380	CUSTOMER STATES THE CHECK ENGINE LIGHT CAME ON and THE VEHICLE LOST POWER PLEASE CHECK and ADVISE SEE TSB ATTACHED
381	CHECK and ADVISE FOR THE CHECK ENGINE LIGHT HAS COME ON
382	CUSTOMER SAYS TRANSMISSION DOES NOT SHIFT WELL AT TIMES SEEMS TO FLAIR UP HAS NOT ACTED UP IN A FEW WEEKS
383	C/S CHECK ENGINE LIGHT IS ON. CHECK and ADVISE
384	CHECK SHUDDER WHEN ACCEL.
385	CUST SAYS THAT WHEN DRIVING YESTERDAY IT STARTED TO HESITATE ON ACCEL. CHECK ENG LIGHT CAME ON and VEH CONTINUED TO RUN ROUGH TODAY LIGHT IS OFF and RUNNING OK
386	CUST STATES CEL CAME ON WHEN DRIVING FROM KENTUCKY
387	CUST. STATES THAT WHILE HE WAS DRIVING DOWN THE INTERSTATE HIS TRUCK STARTED SHUTTERING and THE CHECK ENGINE LIGHT WAS FLASHING CUST. PULLED OVER and TURNED THE
388	C/S VEHICLE ENGINE STALLS OUT. REDUCES SPEED WHEN TRYING TO PASS.
389	CUSTOMER STATES CHECK ENGINE LIGHT IS ON and ENGINE SPUTTERS
390	C/S CHECK ENGINE LIGHT ON
391	CUSTOMER STATES VEH BEGAN MISFIRING ON HARD ACCEL ON WAY DOWN FROM N. CAROLINA THIS WEEKEND. ENGINE LIGHT IS ON
392	CUST STATES CHECK ENGINE LIGHT WAS FLASHING, TRANS WOULDNT SHIFT OUT OF SECOND GEAR ACCELERATING FROM STOP SIGN STATED LET OFF GAS and TRUCK FELT LIKE IT WAS RUN
393	CUSTOMER STATES HE HAS HAD TO JUMP TWICE. VEHICLE IS STARTING SLOW.
394	ENGINE RUNS SLUGGISH. CHECK ENGINE LIGHT ON.
395	CUSTOMER STATES THAT SERVICE ENGINE LAMP HAD COME ON and FUEL MILEAGE DROPPED WHILE ON A TRIP TO CANADA, LAMP HAS GONE BACK OFF SINCE THEN.
396	CUSTOMER STATES 15.3 MPG and ENGINE SURGE AT TIMES
397	CUSTOMER CONCERN OF REAR END SHUTTER WHEN TRAILER HOOKED UP

R	
348	CHECK THE CUSTOMER CONCERN,VEHICLE MISSE UNDERACCELERATION,INSTALL THE IDS,DTC P0304 CYLINDER 4MISSFIRE.PERFORM TSB 12 06 04:DTC P0430 IS NOTPRESENT AT THESE TI
349	REFLASHED PCM AS OUTLINED IN TSB 12 06 04
350	PERF TSB 120604A
351	INSTALL CAC DEFLECTOR and REPROGRAM PER TSB 12 06 04 120604A .5
352	MIL ON, IDS TEST, KOEC P0303, DCL, POWER BALANCE, PPT, REPLA CE #3 COIL and PLUG, FINAL EEC
353	PERFORMED TSB 12 6 4 PCM UPDATE
354	PERFORMED DIAG. P0304, P0305, P0306. UPDATED PCM AGAIN FOR CUSTOMER TO TRY. INSPECTED and HAD AIR DEFLECTOR INSTALLED, PERFORMED TSB 12 06 04 408
355	EEC TEST P0306 CK AIR DEFLECTOR IN INTERCOOLER REP ROGRAMMED PCM AS PER RECALL TSB 12 6 4 WPI
356	RAN SCANNER FOR CODES.RAN OASIS REPORT FOR TSB ISSUES.P0430 TSB 12 2 10.PERFORMED TSB.INTERNAL FAULT TO CONVERTOR RESTRICTED.REMOVED and REPLACED CONVERTOR and I
357	VERIFY THE CONCERN and PERFORM REPAIR PER TSB 12 6 4. INSTALLED CAC DEFLECTOR PLACE CLEAR CODES and REFLASH THE PCM
358	INSPECT FOR A LOSS OF POWER AT TIMES. CHECKED and PERFORMED THE TSB 12 06 04, BY EEC TESTING, ALL PASS CODES WERE RECEIVED, REPROGRAMMED THE PCM. ORDERED THE DEFLI
359	PO300,PO304,PO306 and P0316. INSTALL CACDEFLECTOR PLATE and REPROGRAM PCM AS PER TSB 12 6 4
360	DIAG and RAN OASIS FOUND TSB 12 06 04 PERFORM TSB 12 06 04 INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY and REPROGRAM THE PCM
361	VERIFIED COMPLAINT. REFER TO TSB 12 06 04 NO P0430 CODE. INSTALLED DEFLECTOR and REFLASHED PCM. VERIFIED RECALL.
362	SCANNED FOR CODES P0303 MISFIRE #3 TSB 12 6 4 DEFLECTOR and UPDATED THE PCM
363	REPLACED IGNITION COIL and SPARK PLUG ON #3 CYLINDER AS PE R DIAG. ERASED CODE and PERFORMED MISFIRE IGNITION PROFILE R ELEAR N PROCEDURE ALSO. VERIFIED REPAIR. THE IRR
364	PERFORMED SELF TEST P0430 PRESENT TSB 12 2 10 SUPERCEDED TO TSB 12 6 04 CC:12 CP:5E212 REPLACED LH CONVERTER CLEARED CODES RETESTED OKAY AS PER TSB 120604B PER FOR
365	RUN DIAGNOSIS NO CODES. INSTALL CAC DEFLECTORPLAT E and REPROGRAM PCM AS PER TSB 12 6 4
366	PER TSB 12 6 4 INSTALED CAC AIR DAM, AN DREPROGRAMMED PCM.
367	FAULTY DEFLECTOR VERIFY CONCERN,PERFORM TSB 12 06 04,REPLACE DEFLECTOR and RE PROGRAM PCM B 6K775 C 42
368	VERIFIED CONCERN ON TEST DRIVE. FOUND TSB 12 06 04 FOR AVAILABLE RECALIBRATION PERFORM FLASH UPDATE TO CORRECT
369	UPDATED PCM AS PER TSB 12 06 04.
370	VERIFIED CUSTOMER CONCERN ROAD TEST VEHICLESTALLS PERFORM SELF TEST PERFORM TSB REPROGRAMTHE PCM ROAD TEST RETEST PASS CONDITION REPAIRED
371	EEC TEST, KOEPASS, KOERPASS, KOECP0300. RAN OASIS FOUND TSB 12 06 04, PERFORMED TSB UPDATED PCM TO LATEST LEVEL and INSTALLED DEFLECTOR SHIELD. RETESTED FOUND BEH
372	CHECK EEC SYSTEM CODES P0300 P0304 P0305 P0306 FOLLOW TSB 12 6 4 REPROGRAM PCM TEST DRIVE TRUCK OK RECHECK OK RETURN TO CUST OMER.
373	1621 CHECK FOR MIL ON. DTC P0300 304 305 306. CHECK FOR TSBS. TSB12 6 4. CHECK FOR AIR CHARGE COOLER SHIELD. IS THERE. REPROGRAM WITH UPDATED CAL.ROAD TEST,DRIVES GRE
374	TECH 8054 P0306,P0340 TSB 12 6 4 120604B .5 ORDERED PARTS and PROGRAM PCM. TECH 6610,.... COMPLETED TSB 12 6 4. INSTALLED CATALYTIC CONVERTER (LEFT SIDE) and RE PROGRAMMED
375	INSPECTED FOR ROUGH IDLE. PERFORMED TSB 12 04 06; REPROGRAMMED PCM; UPGRADED IDS TO LATEST UPDATE. OK >
376	CHECKED FOR CODES. IT HAS P0300, P0302, P0303 P0316, P064D and P1646 ON IT. RAN OASIS. FOUND TSB 12 06 04 BUT THERE IS NO P0299 IN IT. CHECKED THE P064D and 1646 CODES. THEY SAY T
377	SHIELD 6K775 PERFORM TSB 12 6 4 INSTALL SHIELD and PROGRAM PCM
378	VERIFIED MIL,PERFORMED TSB,REPROGRAMED PCM,OPERATI ON AQC BY SK
379	PERFORMED TSB 12 6 4 EEC TESTED CODE P0304 P0306 REPROGRAMED PCM AS PER TSB and INSPECTED DID NOT HAVE DEFLEC TOR PLATE INSTALLED ONE REASSEMBLED CODE 42
380	VERIFIED CONCERN, CHECKED OASIS. RETRIEVED 12 06 04 RELATING TO CONCERN, REPROGRAMMED PCM WITH UPDATED CALIBRATION. INSPECTED AIR DEFLECTOR. VERIFIED REPAIR.
381	26326 CONNECTED IDS ADN PULLED CODES, P0430. CHECKED OASIS and FOUND TSB 12 6 4, REMOVED and REPLACED CAT, REPROGRAMEMD PCM and ADN CLEARED CODES. AS PER TSB. NO L
382	TEST DROVE OASIS TSBS EEC TEST P1000
383	DIAG, KOEO P0306, NO MISSFIRE ON TEST D RIVE,PERFORMED TSB 12 6 4 REPROGRAMMED PCM RETESTDROVE OK DID HAVE CAC SHIELD
384	CHECK SHUDDER ON ACCELERATION. CHECK OASIS. PERFORM TSB 12 06 04 TO CORRECT PROBLEM.
385	VERIFIED CONCERN IDS CODE P0306 PERFORMED TSB 12 6 4 CUST NEEDS TO COME BACK FOR SHIELD THATS IS ORDERED
386	CUST. CONCERN VERIFIED CEL ON PERFORMED KOEO SELF TEST and RETRIEVED P0305 CYL # 5 MISFIRE CODE. CHECKED OASIS and FOUND TSB 12 6 4 FOR MISFIRE CODES DURING EXTENDED I
387	CC 42 CP RECAL MO 4860 EEC TEST, RETRIVED FAULT CODE P0300, REPROGRAMM PCM AS PER TSB 12 06 04, AIR DEFLECTOR WAS PRESENT, TEST DROVE 11 MILES TO VERIFY REPAIR
388	INSTALLED INTERCOOLER DEFLECTOR and REPROGAMED PCM AS PER TSB 12 6 4
389	TSB 12 06 04 2011 2012 F 150 3.5L GTDI: CHECK DTCS, INSTALL CAC AIR DEFLECTOR PLATE IF NECESSARY and REPROGRAM THE PCM
390	CK ENG LIGHT ON DTC P0300, P0304, P0305, P0306 FOUND TSB 12 6 4 CALIBRATION UPDATE PERFORMED TSB ROAD TEST and RECHECK FOR DTC'S. CCC
391	VERIFIED CONCERN VERIFIED CONCERN EEC TEST CODE P04 30 P0299 PERFORM TSB 120604B RETEST OK AT TIME
392	PERFORM CHECK ENGINE LIGHT DIAG. FOUND P0300 P0304 P0305 P0306 P0316 P0340 CODES. FOUND TSB 12 2 10 RELATED TO CONCERN. VEHICLE OUT BY BUILD DATE PER TSB. CONTACTED HC
393	CHARGED and TESTED. BATTERY FAILED AT 41CCA REPLACED and TESTED GOOD. DTC CODE 10GJT 1HKWO GQ3 ACES CODE XEOJQ
394	SCAN ENGINE and FOUND CODE FOR LH CONVERTER. RUN OASIS and FOUND TSB 12 06 04. PERFORMED TSB. REPLACED CONVERTER and RETESTED.
395	EEC TESTED FOUND P0306 IN MEMORY. PERFORMED POWERBALANCE TEST and VEIWD MODE 6 DATA NO CONCERNSPRESENT RAN OASIS and FOUND TSB 12 6 4 TOREPROGRAM PCM TO LATE
396	REFERENCE TSB 12 6 4 TO REPROGRAM PCM ROAD TEST AFTER PROCEDURE 16.5 MPG @ 70 MPH
397	REPROGRAM PCM and INSTALL C.A.C DEFLECTOR PER TSB 12 6 4 RETES OPERATION TEST OK.

	S	T	U	V	W	X	Y
348	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
349	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
350	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
351	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
352	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	1.0
353	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
354	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
355	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
356	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
357	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
358	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
359	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
360	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
361	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
362	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
363	F04 - Powertrain	2B02 - Ignition Coil	*	12029 - Coil Asy-Ignition	*	42 - Does Not Operate Properly	1.5
364	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
365	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
366	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
367	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
368	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
369	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
370	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
371	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
372	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
373	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
374	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
375	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
376	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
377	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
378	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
379	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
380	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
381	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
382	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
383	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
384	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
385	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
386	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
387	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
388	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
389	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
390	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
391	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
392	F04 - Powertrain	2G05 - Recalibrations	*	RECALEM - ECC Processor Recal. Emissions	*	4 - Software Revision, Flash Module	1.0
393	F04 - Powertrain	7A01 - Battery	BXT	65 - Motorcraft Battery	750	X1 - Poor Ground	0.4
394	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
395	F03 - Electrical	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
396	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
397	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5



	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
348	\$48	\$0	\$48	062099A	9581	Gus Machado Ford of Kendall, L	305	2389211	FL	USA	NA	152020	S07	USA	@
349	\$39	\$0	\$39	178929D	4943	Cook County Ford Inc	229	8967411	GA	USA	NA	124205	S07	USA	
350	\$37	\$11	\$48	161112B	4918	Hub City Ford, Inc.	850	6822721	FL	USA	NA	124551	1	USA	@
351	\$47	\$10	\$57	25577801	5078	Mel Hambelton Ford, Inc.	316	4623673	KS	USA	NA	172729	S07	USA	@
352	\$95	\$64	\$159	25687601	5078	Mel Hambelton Ford, Inc.	316	4623673	KS	USA	NA	172729	S07	USA	@
353	\$50	\$0	\$50	213820B	7997	Mall of Georgia Ford	770	9324060	GA	USA	NA	121441	S07	USA	@
354	\$44	\$0	\$44	080303A	7618	Chestatee Ford	706	8646504	GA	USA	NA	121111	S07	USA	
355	\$43	\$0	\$43	4237201	4875	Rountree-Moore Inc	386	7550630	FL	USA	NA	124408	S07	USA	@
356	\$71	\$349	\$420	6417001	20348	Monette Ford, Inc.	575	8351190	NM	USA	NA	152302	S07	USA	@
357	\$37	\$11	\$48	160744B	4918	Hub City Ford, Inc.	850	6822721	FL	USA	NA	124551	S07	USA	@
358	\$46	\$0	\$46	512011A	2488	Bankston Ford of Arlington	817	4673673	TX	USA	NA	152019	S07	USA	@
359	\$43	\$11	\$54	244909A	6422	Butch Oustalet, Inc.	228	8635525	MS	USA	NA	123071	S07	USA	
360	\$39	\$32	\$72	3045851	1200	Nick Nicholas Ford, Inc.	352	7261231	FL	USA	NA	124427	S07	USA	@
361	\$42	\$15	\$57	13681801	B3230	Highland Ford Sales Limited	902	7528243	NS	Canada	NA	4B3230	2	Canada	@
362	\$59	\$14	\$72	13344901	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4B4056	2	Canada	
363	\$176	\$67	\$243	13386001	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4B4056	2	Canada	@
364	\$78	\$312	\$390	51266801	9559	Davidson Ford, Inc.	315	7889400	NY	USA	NA	153525	S07	USA	
365	\$43	\$11	\$54	245523A	6422	Butch Oustalet, Inc.	228	8635525	MS	USA	NA	123071	S07	USA	@
366	\$48	\$11	\$59	277766B	6180	Hillier Ford Inc	414	4251000	WI	USA	NA	141058	S07	USA	@
367	\$45	\$12	\$57	12301901	4728	Ray Skillman Performance Ford	317	8812541	IN	USA	NA	147313	S07	USA	@
368	\$38	\$0	\$38	13809402	756	Pitts Ford, Inc.	315	5894541	NY	USA	NA	144051	S07	USA	@
369	\$60	\$0	\$60	216200A	B6248	Cam Clark Ford Sales Ltd.	403	9486660	AB	Canada	NA	4B6248	1	Canada	@
370	\$41	\$0	\$41	031795C	7690	Alan Jay Ford of Wauchula, Inc	863	7734113	FL	USA	NA	124536	S07	USA	
371	\$45	\$10	\$55	1166201	8172	Rush Truck Center, Orlando	407	2981000	FL	USA	NA	124900	S07	USA	@
372	\$37	\$0	\$37	005197A	4951	Vidalia Ford Lincoln	912	5373673	GA	USA	NA	121453	S07	USA	@
373	\$61	\$0	\$61	169557A	A6017	Jim Hansen's Gateway Ford Linc	780	5384044	AB	Canada	NA	4A6017	1	Canada	
374	\$105	\$296	\$402	484719A	B6220	City Ford Sales Ltd.	780	4542000	AB	Canada	NA	4B6270	S07	Canada	
375	\$44	\$0	\$44	1863501	B1702	Murphy Ford Sales Ltd.	613	7356861	ON	Canada	NA	4B1702	1	Canada	@
376	\$46	\$0	\$46	755076A	6237	V & H Automotive, Inc.	715	3872545	WI	USA	NA	141156	S07	USA	@
377	\$39	\$15	\$53	5424902	B3274	Canso Ford Sales Ltd	902	6251338	NS	Canada	NA	4B3274	1	Canada	
378	\$42	\$0	\$42	41535401	6820	Doenges Ford	918	3330900	OK	USA	NA	152529	S07	USA	@
379	\$47	\$0	\$47	15433801	9757	Luther Family Ford	701	2822350	ND	USA	NA	158600	S07	USA	@
380	\$65	\$0	\$65	706473	4240	The Ford Store Morgan Hill	408	7828201	CA	USA	NA	172403	S07	USA	@
381	\$121	\$294	\$415	169771A	A6017	Jim Hansen's Gateway Ford Linc	780	5384044	AB	Canada	NA	4A6017	S07	Canada	@
382	\$41	\$0	\$41	14128001	5084	Walton Motors, Inc.	816	3243141	MO	USA	NA	153002	S07	USA	@
383	\$40	\$0	\$40	346660A	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	S07	USA	@
384	\$43	\$11	\$54	076635C	9273	Deml Ford Lincoln, Inc.	507	8353425	MN	USA	NA	158625	S07	USA	
385	\$52	\$0	\$52	124354A	11618	Parks Ford Lincoln of Gainesvi	352	3724251	FL	USA	NA	124521	S07	USA	@
386	\$46	\$0	\$46	353196A	9956	Ean Claire Ford Lincoln	715	8342056	WI	USA	NA	147425	S07	USA	
387	\$47	\$0	\$47	4792901	3354	Southwest Ford	903	4557222	TX	USA	NA	152417	S07	USA	@
388	\$40	\$11	\$50	18353701	7573	Ancira Ford	830	2164040	TX	USA	NA	152080	S07	USA	
389	\$43	\$11	\$54	5058251	6418	Bill Hood Ford Lincoln	985	3451590	LA	USA	NA	123148	S07	USA	@
390	\$39	\$0	\$39	5576401	831	Hallmark Ford, LLC	662	5637684	MS	USA	NA	123478	S07	USA	@
391	\$105	\$322	\$427	126235A	4843	Maroone Ford of Fort Lauderdale	954	5643221	FL	USA	NA	124008	S07	USA	@
392	\$84	\$434	\$518	13976601	7520	Dixon Ford Lincoln, LLC	815	2883366	IL	USA	NA	141489	S07	USA	
393	\$35	\$109	\$167	14109301	7520	Dixon Ford Lincoln, LLC	815	2883366	IL	USA	NA	141489	2	USA	@
394	\$58	\$314	\$372	1906401	3018	Southwind Ford	229	7583381	GA	USA	NA	121508	S07	USA	
395	\$47	\$0	\$47	613953A	2918	Ewald's Hartford Ford, LLC	262	6735180	WI	USA	NA	141323	S07	USA	@
396	\$36	\$0	\$36	1528502	333	Southland Ford Inc	229	5673301	GA	USA	NA	121604	S07	USA	@
397	\$38	\$11	\$49	354936B	9669	Dean Arbour Ford of West Branc	989	3451590	MI	USA	NA	148611	S07	USA	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
398	1	2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/01/12	05/21/12	06/13/12	4,024	1	1400599
399	2	2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/01/12	05/21/12	06/13/12	4,024	1	1413256
400		2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/23/12	06/12/12	06/13/12	6	1	1333319
401		2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	10/27/11	11/23/11	06/11/12	5,868	7	1367792
402		2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/29/12	05/28/12	06/27/12	2,047	2	1483162
403		2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/17/12	06/08/12	06/14/12	977	1	1394322
404		2012	IFTFWIET1CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/09/12	05/29/12	06/22/12	2,282	1	1457227
405		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/11/11	01/17/12	06/08/12	9,492	5	1284570
406		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/21/11	01/09/12	06/20/12	6,003	6	1413034
407		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/11/11	01/03/12	06/22/12	7,593	6	1489530
408		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/22/11	12/06/11	06/11/12	10,474	7	1327174
409		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/28/11	02/17/12	06/14/12	4,659	4	1452895
410		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/23/11	12/05/11	05/30/12	7,501	6	1319923
411		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/02/11	01/14/12	06/12/12	6,068	6	1319983
412		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/06/11	01/26/12	06/26/12	13,124	6	1478555
413		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/12/11	01/12/12	06/20/12	8,954	6	1490784
414		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/21/11	01/09/12	06/06/12	9,281	5	1413942
415		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/19/12	02/10/12	06/13/12	5,177	5	1451199
416	1	2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/18/12	02/13/12	05/25/12	13,167	4	1388595
417	2	2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/18/12	02/13/12	06/04/12	15,072	4	1528511
418		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/10/12	06/13/12	06/21/12	3,491	1	1455407
419		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/07/12	04/27/12	06/19/12	3,941	2	1436234
420		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/24/12	03/20/12	06/07/12	6,959	3	1477075
421		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/21/12	04/28/12	06/11/12	1,542	2	1324361
422		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/26/12	05/03/12	06/28/12	2,570	2	1483595
423	1	2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	03/30/12	06/05/12	3,324	3	1275689
424	2	2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	03/30/12	06/27/12	5,259	3	1640298
425		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/28/12	06/09/12	06/13/12	601	1	1466100
426		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/25/12	05/29/12	06/25/12	2,329	1	1468180
427		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/16/12	06/18/12	06/26/12	1,403	1	1477172
428		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/21/12	06/06/12	06/15/12	1,377	1	1397648
429		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/03/12	05/26/12	06/25/12	3,498	2	1495181
430		2012	IFTFWIET2CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/07/12	05/24/12	06/07/12	2,979	1	1423281
431		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/07/11	01/17/12	06/06/12	8,478	5	1272306
432		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/08/11	12/05/11	06/26/12	7,547	7	1455922
433		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/23/11	01/18/12	06/06/12	9,869	5	1263390
434		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/19/11	12/31/11	06/27/12	5,255	6	1479373
435		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/05/11	12/29/11	06/11/12	8,233	6	1339079
436		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/13/11	01/05/12	06/11/12	7,653	6	1456710
437		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	07/10/12	06/11/12	219	0	1498044
438		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/01/12	02/23/12	06/05/12	5,502	4	1458773
439	1	2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/15/12	03/26/12	06/14/12	4,977	3	1346420
440	2	2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/15/12	03/20/12	06/14/12	4,977	3	1346421
441		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/20/12	03/16/12	06/11/12	12,987	3	1366193
442		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/18/12	05/05/12	06/11/12	3,880	2	1366736
443		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/26/12	04/23/12	06/12/12	3,260	2	1337153
444		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/20/12	04/09/12	06/28/12	14,790	3	1482885
445		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/10/12		06/11/12	442	(1)	1408197
446		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/20/12	05/18/12	06/06/12	754	1	1490781
447		2012	IFTFWIET3CI	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/26/12	05/24/12	06/09/12	945	1	1420576

	O	P
398	V29 - Check Engine Light	E29 - Check Engine Light Trouble
399	V44 - Base Engine Malfunction	L85 - Undetermined Engine Leak
400	V29 - Check Engine Light	E29 - Check Engine Light Trouble
401	V29 - Check Engine Light	E29 - Check Engine Light Trouble
402	V29 - Check Engine Light	E29 - Check Engine Light Trouble
403	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
404	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
405	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
406	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
407	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
408	V48 - Auto Trans	P68 - Trans Shifts Rough or Jerky from Park
409	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
410	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
411	V29 - Check Engine Light	E29 - Check Engine Light Trouble
412	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
413	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
414	V29 - Check Engine Light	E29 - Check Engine Light Trouble
415	V29 - Check Engine Light	E29 - Check Engine Light Trouble
416	V29 - Check Engine Light	E29 - Check Engine Light Trouble
417	V29 - Check Engine Light	E29 - Check Engine Light Trouble
418	V29 - Check Engine Light	E29 - Check Engine Light Trouble
419	V29 - Check Engine Light	E29 - Check Engine Light Trouble
420	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
421	V29 - Check Engine Light	E29 - Check Engine Light Trouble
422	V48 - Auto Trans	P51 - Difficult to Operate Shift Lever
423	V29 - Check Engine Light	E29 - Check Engine Light Trouble
424	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
425	V52 - Driveability	D42 - Poor Performance/Lacks Power
426	V52 - Driveability	D42 - Poor Performance/Lacks Power
427	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
428	V29 - Check Engine Light	E29 - Check Engine Light Trouble
429	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
430	V48 - Auto Trans	P59 - Other Auto Trans Troubles
431	V48 - Auto Trans	P59 - Other Auto Trans Troubles
432	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
433	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
434	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
435	V52 - Driveability	D42 - Poor Performance/Lacks Power
436	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
437	V29 - Check Engine Light	E29 - Check Engine Light Trouble
438	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
439	V52 - Driveability	D42 - Poor Performance/Lacks Power
440	V29 - Check Engine Light	E29 - Check Engine Light Trouble
441	V40 - Good Idle Quality	D13 - Engine Idles Rough
442	V29 - Check Engine Light	E29 - Check Engine Light Trouble
443	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
444	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
445	V29 - Check Engine Light	E29 - Check Engine Light Trouble
446	V29 - Check Engine Light	E29 - Check Engine Light Trouble
447	V29 - Check Engine Light	E29 - Check Engine Light Trouble

	Q
398	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
399	ADD ON LINE FOR CHECK ENGINE LIGHT ON AFTER TSB
400	FOUND CHECK ENGINE LIGHT STAYING ON . DURING CUSTOMER ROADTE ST.
401	DRIVEABILITY GAS ENGINE LIGHT WAS ON (HAD P0430)
402	CUSTOMER STATES CHECK ENGINE LIGHT IS ON CHECK and ADVISE
403	WHEN ACCELERATING AT HIGHWAY SPEEDS, VEHICLE STARTED TO SPUTTER and MISS CHECK ENGINE LIGHT CAME ON and FLASHED CHECK and REPORT
404	TRUCK HAS A MISS AT HIGHER RPMS UNDER LOAD
405	AUTOMATIC TRANSMISSION DIAGNOSIS \$160.00, CHECK FOR TRANS MISSION SLIPPING FROM 1 ST TO 2 ND GEARS
406	CUSTOMER STATES WHEN ACCELERATING FROM 58 and ABOVE TO PASS ANOTHER VEHICLE VEHICLE BUCKS and SHUTTERS
407	DRIVEABILITY GAS CONCERN CHECK and ADVISE FOR TRANSMISSION DELAYED and CLUNKS ON 1 2 SHIFT AS WELL AS ON ACCELERATION
408	CUST STATES THAT TRANS LURCHES FORWARD FROM 2 TO 1, LIKE IT DIDNT WANT TO DISENGAGE. ALSO ON UPSHIFT, IT CAN BE HARSH.
409	DIAGNOSE DRIVEABILITY CONCERN STUMBLES ON ACCELERATION
410	CUSTOMER STATES INTERMITTENTLY ON ACCEL THE TRUCK WILL DOWNSHIFT TWO GEARS and HAVE NO POWER, THEN REACCELERATES QUICKLY
411	CUST STATES THAT THE CEL CAME ON WHILE AT HWY SPEEDS and VEH BEGAN TO RUN ROUGH and FOR APPROXIMATELY 20 MINS THEN CLEARD UP and CEL WENT OFF. CHECK and ADVISE
412	CUSTOMER STATES ENGINE SURGES
413	DRIVEABILITY DIAGNOSE HESITATES and SURGES AT CRUISE. >
414	C/S CK ENGINE LIGHT IS ON, RUNNING ROUGH
415	DRIVEABILITY MISC CHECK FOR CHECK ENGINE LIGHT IS ON
416	CUSTOMER STATES CHECK ENGINE LIGHT STAYING ON
417	CUSTOMER STATES CHECK ENGINE LIGHT STAYING ON
418	CUSTOMER STATES CHECK ENGINE LIGHT IS ON and VEHICLE HESITATES VERIFIED CHECK ENGINE LIGHT IS ON SELF TEST CODE P0300 P0304 P0305 and P0306 PINPOINT AND
419	CUSTOMER STATES CEL STAYS ON WHILE DRIVING CUTS OUT WHEN CRUISE IS ON
420	CHECK and REPORT ON VEH NOT SHIFTING PROPERLY?
421	CUSTOMER STATES CHECK ENGINE LIGHT ON and TRUCK SPTS and SPUTTERS
422	CUSTOMER STATES THE TRANSMISSION SEEMS TO JOLT WHEN SHIFTING, PLEASE DIAG & ADVISE SHIFTS VERY HARD THROUGH ALL THE GEARS, VEHICLE GOES INTO FAIL SAFE MODE.
423	CUSTOMER STATES CHECK ENGINE LIGHT
424	CUSTOMER STATES WHILE AT HIGHWAY STEADY SPEED WHEN GOES TO PASS UP TO 80ISHTHE TRUCK WILL LOSE POWER THEN STARTS TO MISFIRE. NOW THE CHECK ENGINE LIGHT ON
425	Customer States the vehicle seems to cut back at higher RPMS. Happenedwhen customer went to pass another vehicle around 55pmh.
426	CUSTOMER STATES VEHICLE SURGES/LACKS POWER.
427	CHECK ENGINE LIGHT DISPLAYING (E29)
428	ENGINE LAMP ON 5E212 12 I20604B 1.0
429	CUSOTMER STATES CEL ON and ENGINE MISSES ON HARD ACCEL.
430	LIGHT LINE GUEST STATES: THE TRUCK GOING DOWN HILLS, WHEN DOWGOING IN A LOWER GEAR WILL SURG SPEED UP SLOW DOWN REALLY QUICK. CHECK and ADVISE
431	C S ON ACCELL DURING 1 2 SHIFT,TRANS WILL SLIPP,RPMS REV UP AS IF IN NUETRAL HAS TO PULL OVER and CYCLE THE KEY THE WILL REENGAGE,ADVISE
432	CHECK DRIVABILITY ISSUE CUSTOMER STATES CK FOR ENGINE MISS ON ACCELERATION
433	ELEC/LIGHT LINE C/S STATES COMING ON THE FREEWAY THE VECHILE HESITATES LETS OFF THE GAS and AND IT GOES AWAY
434	CUST STATES WHEN HITTING ACCEL VEHICLE WILL LOSEPOWER HAPPENS TRYING TO PASS SOMEONE. HAPPENSINTERMIT. PLEASE CHECK and ADVSIE * PARTSORDERED*
435	VEHICLE NOT RUNNING VERY GOOD UPON ACCELERATION
436	CUSTOMER STATES HAS HESITATION ON ACCELERATION
437	CUSTOMER COMPLAINS ENGINE LAMP IS ON & UNIT RUNS ROUGH
438	C S WHILE ACCELERATING TO GET ONTO HWY, SPUTTERED and BUCKED. NO CHECK ENGINE LIGHT(LAST HAPPENED SAT)
439	CHECK ENGINE LIGHT FLASHES SOMETIMES RUNS REALLY ROUGH PULL OVER and SHUT OFF THEN LIGHT STAYS ON and IT RUNS A BIT BETTER CHECK TSB S
440	ENGINE MISFIRE STILL THERE AFTER REPROGRAM
441	C S AT TIMES ENGINE RUNS ROUGH WHEN ACCELERATING TO PASS
442	CHECK ENG LIGHT ON LOOSES POWER
443	C S ENG MISFIRE FELT WHILE DRIVING ON ACCEL...ADVISE
444	CUSTOMER STATES CK ENGINE LIGHT ON ENGINE MISSING ON ACCEL
445	VEHICLE HAS HESITATION WHILE DRIVING
446	COMPUTER ENGINE ANALISIS CUSTOMER WENT TO PASS ANOTHER VEHICLE WHEN ALL OF A SUDDEN THE CHECK ENGINE LIGHT STARTED FLASHING and UNIT LOST POWER. NOW CHECK EN
447	CUSTOMER STATES VEHICLE MISFIRES WHEN S TEPPINGONTHE GAS SEE BRENT

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398	PERFORMED DIAG ON CK ENGINE LIGHT ON CODE P0299 PRESENT CK TSB SSM FOUND TSB 12 06 04 INSTALLED DEFLECTOR and REFLASHED PCM ROAD TEST SMOKE TEST INTAKE SYSTEM
399	PERFORMED DIAG ON CODE P0299 PRESENT SMOKE TEST INTAKE SYSTEM FOUND LEAK AT BANK 1 TURBO INLET TUBE REPLACE TUBE WAS LEAKING AT HOSE SEEM ROATES OK REQUES
400	SCAN CODES FOUND P0300, P0304, P0305, P0306 IN PCM MEMORY, CHK OASIS, FOUND TSB 12 6 4 RELATING TO CONCERN. FOLLOW TSB, REPROGRAMMED PCM TO LATEST LEVEL 6K775 CC 42
401	VERIFIED COSTUMER CONCERN PERFORMED ECC TEST FOUND CODE P0430 PERFORMED OASIS FOUND TSB 12 6 4 VERIFIED CAC DEFLECTOR WAS INSTALLED
402	CONFIRM CHECK ENGINE LIGHT ON PERFORM SELF VEHICLE HAS CODES P0300, P0300, P0303, P0304, and P0305, PERF TSB 12 6 4 RECALIBRATE PCM, INSPECT FOR AIR DEFLECTOR FOR AIR COO
403	1573 CHECK FOR NOT RUNNING PROPERLY WHEN ACCELERATING.CHECK OASIS FOUND TSB12 6 4. REPROGRAMED PCM, NEEDS DEFLECTOR SHIELD INSTALLED.
404	IDS TESTED PASSES. RAN OASIS INSTALLED IC DEFLECTOR and RE DFLASHED PCM PER TSB 12 06 04
405	15276 IDS TEST PASS CODES CHECK OASIS and PERFORM TSB 12 06 04A INSPECT FOR DEFLECTOR and REPROGRAM PCM ROAD TEST
406	PERFORM TSB 12 06 04 LABOR OP I20604A 0 .5
407	ELECTRONIC TRANS DIAG,CLEAR TRANS ADAPTIVE TABLES and UPDATE PCM ROAAD TEST OK PCM CL3A 12A650 AXG NEW CL3A 12A650 AXG TSB120604
408	VERIFY CONCERN. SELF TEST, NO CODES. RAN OASIS, FOUND TSB 12 6 4 FOR PCM REFLASH. REFLASHED PCM. ROAD TEST, VERIFY REPAIR.
409	VERIFIED CONCERN CHK DTCS NONE REPROGRAM PCM PER TSB 12 06 04 VERIFIED OK
410	1501. REPROGRAM THE PCM PER TSB 120210A RECALEM 04
411	42 6K775 Y P1000 P0306 P1000 WP TEST EEC CK CAC FOR SHIELD OK REPROGRAM PCM RETEST EEC PER TSB 12 6 4
412	REPROGRAM PCM FOR SURGING. TSB 12 6 4 TEST DRIVE OK
413	CHECK DTCS: INSTALL CAC AIR DEFLECTOR PLATE IF NESCESSARY and REPROGRAM THE PCM. TSB 16 6 4 >
414	DIAG and PERFORM REPAIR PER TSB 12 06 0 4
415	EEC TEST,RECEIVED CODE P0430 PERFORM DIAG,CHECKED OASIS,FOUND 12 6 4,ORDERED CAT CONVERTER and REPRO GRAMMED PCMLINSP FOR DEFLECTOR OK. REPLACED LEFT SIDE CAT C
416	VERIFIED MIL ON EEC TEST P0430 RAN OASIS FOUND TSB 12 02 10 VIEWED PIDS TO VERIFY LOW CATALYTIC CONVERTOR EFFICIENCY; REPLACED LEFT HAND CATALYTIC CONVERTER VERIFI
417	EEC TEST FOUND P0306 FOUND TSB 12 06 04; INSPECTED and INSTALLED DEFLECTOR UPDATED PCM TO LATEST LEVEL TEST DROVE TO VERIFY PROPER OPERATION
418	REFLASH PCM PER TSB 12 6 4 ROAD TEST OKAY.
419	PERFORMED TSB 12 6 04 REPROGRAMED PCM
420	INSPECT FOR SHIFT CONCERN. VERIFY and REFERENCE TSB 12 06 04, CHK FOR DTC CODES, CHK CAC FOR DEFLECTOR, NO DEFLECTOR PLATE REQUIRED, REPROGRAM THE PCM AS REQUIRED.
421	DIAG CEL ON FOUND TSB 12 6 4 FOR RELATED CONCERN. COMPLETED TSB and RETEST OK. 635 120604A .5
422	RD TEST and EEC TEST COULD NOT DUPLICATE TRANS CONSERN DID FEAL POSSIBLE DRIVABILITY,PERFORMED TSB 12 6 4 REPROGRAMMED and RD TEST OK
423	PERFORMED TSB 12 06 04 REPLACED CATAYLIC CONVERTOR
424	PERFORMED TSB 12 06 04 INSTALLED DEFECTOR
425	Tech performed tasks outlined in TSB 12 6 4 and installed an air deflector, okay at this time.
426	SCANNED FOR CODES NO CODES FOUND. FOUND TSB 12 6 4 PROGRAMMED PCM TEST DROVE ALL OK AT THIS TIME.
427	IDS TEST, KOEO, KOER, RETRIEVE CMDTCS, P0430 CATALYST SYSTEM EFFICIENCY BELOW THRESHHOLD BANK 2, PINPOINT TEST,CHECK OASIS, FOUND TSB 12 06 04, REPLACE LH CAT CONVEI
428	MIL ON EEC TEST P0300 P0304 P0305 P0306 P0430 FOLLOWED TSB 12 06 04, REPLACED BANK 2 CAT and REPROGRAMMED PCM. ROAD TEST RETEST GOOD.
429	VERIFY CONCERN RAN EEC TEST PULLED CODE P0430 REPLACED L CAT CONVERTER and REPROGRAMED PCM
430	SEE TSB 12 06 04 DRH VERIFIED CONCERN. CHECKED OASIS and FOUND TSB. REFLASHED PCM and INSTALLED AIR DEFLECTOR AS PER TSB. PERFORMED QUALITY CHECK. DH
431	ROAD TEST. VERIFIED ENGINE SURGING. HESITATION. PERFORMED TSB 12 6 4. REPROGRAMED PCM. ROAD TEST. NORMAL OPERATION AT THIS TIME.
432	INSTALL REVISED CALIBRATION PER 12 06 04 REFLASH PCM
433	PERFORM TSB 12 2 10 REPROGRAM PCM
434	INSTALLED CHARGE AIR COOLER AIR DEFLECTOR ANDREPROGRAMMED PCM PER TSB 12 06 04
435	VERIFIED POWER SHUFFLE ON ACCELL. INSPECT INTERCOOLER and FOUND SHIELD PRESENT. REPROGRAMMED PCM PER TSB 12 6 4. TRANS WILL TAKE A FEW DAYS TO RELEARN.
436	REPAIRED PER TSB 12 06 04
437	CUSTOMER COMPLAINT VERIFIED. HAS CODE P0304 CYLINDER NUMBER 4 MISFIRE, and P0316 MISFIRE ON START UP. ISSUE IS ADDRESSED BY TSB 12 6 4. PERFORM TSB, INSTALL AIR DEFLEC
438	ROADTEST, RAN WELL. KOEO PASS KOEC PASS KOER PASS. MODE 6 DATA NO MISFIRES DETECTED. INSPECT AIR INLET TRACK NO WATER INTRUSION PRESENT, UPDATE PCM TO LATEST CALI
439	PERFORMED TSB 12 06 04 and UPDATED PCM and DEFELCTOR FOR AIR COOLER
440	REPLACED #2 COIL and PLUG FOR MISFIRE CONCERN ON PREVIOUS DIAG. CLEARED OUT CODE,RESET KAM and PERFORMED MISFIRE PROFILE RELEARN PROCEDURE. ROAD TESTED and VERIF
441	EEC TEST PASS.MODE 6 OK.POWER BALANCE OK.MONITOR REC.NOT DUPLICATE ANY MISSION ROAD WAS INSTALLED.FLY REC PROVIDE AT 6392 MILES.WAS SET CODE P0306 BELOW AT 6392.
442	DOES NOT OPERATE TSB 12 6 4 VERIFY CONCERN. CHECK OASIS FOR TSB/SSM. PERFORM TSB 12 6 4. RETRIEVE DTCS P0300, P0305, P0306. INSPECT AIR CHARGE COOL
443	VERIFIED CONCERN. FOLLOWED TSB 12 6 4, NO DTC PRESENT, VEH EQUIPPED W AIR DEFLECTOR, REPROGRAMMED PCM. RECHECK OK
444	PERFORMED EEC TEST FOUND CODES P0300, P0304, and P0305. PERFORMED DIAGNOSIS and PERFORMED TSB 12 6 4 INSTALLED DEFLECTOR SHIELD ON CAC and REPROGRAMM ED PCM and TEST
445	PERFORM TSB 12 06 04 AS OUTLINED INSTALL DEFLECTOR PLATE REPROGRAMMED PCM WITH LATEST CALIBRATION
446	CK CODES GOT P0300 P0305 and P0306 ON MEMORY CLEARCODES and ROAD TEST UNIT RAN GOOD CK OASIS FOUND TSB 12 2 10 and SSM 2222S NO FIX YET; DID TSB GAVE BAKE TO CUT TO DRIV
447	SCANNED VEHICLE FOR CODES FOUND P0300.P 0304,P0306 . PERFORMED ECC TEST FOR RANDOM MISFIRE SCODESSUGGEST MISSFIRE ON 6 and 4. LOOKED FORTECHNICALSERVICE BULLETINS

	S	T	U	V	W	X	Y
398	F04 - Powertrain	7H06 - Refrigerant-AC	BL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
399	F04 - Powertrain	2A01 - Air Cleaner	BL3Z	9R530 - Hose Asy-A/Cleaner Outlet	B	42 - Does Not Operate Properly	1.7
400	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
401	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
402	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
403	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
404	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
405	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
406	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
407	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
408	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
409	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
410	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
411	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
412	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
413	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
414	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
415	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
416	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
417	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
418	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
419	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
420	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
421	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
422	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
423	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
424	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
425	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
426	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
427	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
428	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
429	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
430	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
431	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
432	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
433	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
434	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
435	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
436	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
437	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
438	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
439	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
440	F04 - Powertrain	2B02 - Ignition Coil	*	12029 - Coil Asy-Ignition	*	42 - Does Not Operate Properly	0.9
441	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
442	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
443	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
444	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
445	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
446	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
447	F04 - Powertrain	2B02 - Ignition Coil	*	12029 - Coil Asy-Ignition	*	42 - Does Not Operate Properly	0.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
398	\$45	\$11	\$56	159113A	8369	Gallagher Ford-Lincoln, Inc.	775	7383147	NV	USA	NA	171204	2	USA	@
399	\$153	\$84	\$237	159113B	8369	Gallagher Ford-Lincoln, Inc.	775	7383147	NV	USA	NA	171204	S07	USA	@
400	\$57	\$0	\$57	12418301	B7023	Prince George Motors Ltd	250	5638111	BC	Canada	NA	4B7023	2	Canada	@
401	\$87	\$309	\$395	15824001	6443	Bolton Ford, L.L.C.	337	4740070	LA	USA	NA	123221	S07	USA	
402	\$40	\$0	\$40	2771601	7868	Lilliston Ford of Kingsland	912	5103673	GA	USA	NA	121246	S07	USA	@
403	\$44	\$0	\$44	220239A	B4018	Valley Ford Sales	306	4454491	SK	Canada	NA	4B4089	2	Canada	@
404	\$46	\$13	\$58	58018903	6580	Dewey Ford	515	2894949	IA	USA	NA	153763	S07	USA	@
405	\$67	\$0	\$67	244948C	B6292	North Star Ford Sales (Calgary	403	2391115	AB	Canada	NA	4B6292	1	Canada	
406	\$50	\$0	\$50	214386B	7997	Mall of Georgia Ford	770	9324060	GA	USA	NA	121441	S07	USA	@
407	\$57	\$0	\$57	11697602	A6065	Koch Ford Lincoln Sales (2003)	780	4348411	AB	Canada	NA	4B6280	2	Canada	@
408	\$46	\$0	\$46	353344C	9956	Eau Claire Ford Lincoln	715	8342056	WI	USA	NA	158407	S07	USA	@
409	\$41	\$0	\$41	6813802	165	Gene Latta Ford, Inc.	717	6331999	PA	USA	NA	116516	S07	USA	
410	\$48	\$0	\$48	43995503	274	Cherokee Ford of Woodstock	770	5920090	GA	USA	NA	121441	S07	USA	
411	\$48	\$0	\$48	554565B	387	Marshal Mize Ford, Inc.	423	8752023	TN	USA	NA	121201	S07	USA	@
412	\$36	\$0	\$36	1527303	333	Southland Ford Inc	229	5673301	GA	USA	NA	121604	S07	USA	@
413	\$42	\$15	\$56	226801	B6255	Cardston O/A CSI Ford Sales	403	6533346	AB	Canada	NA	4B6255	2	Canada	@
414	\$48	\$0	\$48	094227A	9566	Loganville Ford	770	5549994	GA	USA	NA	121472	S07	USA	
415	\$113	\$294	\$406	65332602	A7253	Dams Ford Lincoln Sales Ltd.	604	5329921	BC	Canada	NA	4B1368	S07	Canada	@
416	\$75	\$398	\$472	024829A	20555	Gibbons Ford	570	4894747	PA	USA	NA	116107	S07	USA	
417	\$39	\$11	\$49	025118A	20555	Gibbons Ford	570	4894747	PA	USA	NA	116107	S07	USA	
418	\$41	\$0	\$41	4024401	3925	Ashland Ford	715	6828400	WI	USA	NA	4B4735	2	Canada	@
419	\$37	\$0	\$37	203707A	239	Mack Grubbs Ford, Inc.	601	7311953	MS	USA	NA	123358	S07	USA	
420	\$49	\$0	\$49	4028461	A1234	Marigold Ford Lincoln Sales Li	905	6685893	ON	Canada	NA	4A1234	2	Canada	
421	\$43	\$0	\$43	248481A	5597	Palm Bay Ford	321	7229000	FL	USA	NA	124497	S07	USA	
422	\$47	\$0	\$47	69903701	8568	Kendall Ford	541	3422151	OR	USA	NA	174210	S07	USA	@
423	\$103	\$405	\$508	1689051	9064	Buhler Ford, Inc.	732	5427801	NJ	USA	NA	113473	S07	USA	
424	\$51	\$15	\$66	1694391	9064	Buhler Ford, Inc.	732	5427801	NJ	USA	NA	113473	1	USA	
425	\$36	\$11	\$47	011221A	716	Riley Ford Inc	518	8467131	NY	USA	NA	111666	S07	USA	@
426	\$38	\$0	\$38	4615903	3888	Wolf Auto Center Sterling	970	5222523	CO	USA	NA	156454	S07	USA	
427	\$102	\$294	\$395	43598301	A4620	Capital Ford Lincoln Inc	306	5435410	SK	Canada	NA	4A4620	S07	Canada	@
428	\$109	\$327	\$437	29057701	3783	Otis Ford, Inc.	631	6534000	NY	USA	NA	113489	S07	USA	@
429	\$80	\$312	\$392	041505A	5168	Superior Ford, Inc.	479	5246468	AR	USA	NA	123641	S07	USA	@
430	\$51	\$10	\$62	3383002	3028	Willey Ford Lincoln	801	2924433	UT	USA	NA	156023	S07	USA	
431	\$48	\$0	\$48	930969A	2923	Maxwell Ford	512	4435000	TX	USA	NA	152303	S07	USA	
432	\$50	\$0	\$50	3247201	4798	Weikert Ford Inc	863	6767944	FL	USA	NA	124493	S07	USA	@
433	\$42	\$0	\$42	779203	8946	Pugnire Ford, LLC	770	8322457	GA	USA	NA	121557	S07	USA	
434	\$48	\$11	\$59	102214A	1758	Krug Ford	517	5462250	MI	USA	NA	148426	S07	USA	
435	\$41	\$0	\$41	32182001	6938	Fox Ford Lincoln Grand Travers	231	9222000	MI	USA	NA	148644	S07	USA	@
436	\$41	\$10	\$51	7191501	5647	Hunt Ford Inc	270	5863281	KY	USA	NA	123093	S07	USA	@
437	\$37	\$11	\$49	551831	9664	Ordus Ford, Inc.	989	2699245	MI	USA	NA	148534	S07	USA	@
438	\$43	\$11	\$54	329568A	9175	Townsend Sales & Service, Inc.	978	5978955	MA	USA	NA	111477	S07	USA	@
439	\$59	\$14	\$72	13332001	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4B4611	1	Canada	
440	\$105	\$67	\$172	13332002	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4B4611	1	Canada	
441	\$39	\$0	\$39	3757301	4405	Commercial Motor Company	361	7585361	TX	USA	NA	152130	S07	USA	
442	\$38	\$0	\$38	4249001	4988	Langdale Ford Company	229	3332300	GA	USA	NA	124442	S07	USA	@
443	\$43	\$0	\$43	15308201	4332	Armstrong Ford of Homestead	305	2475112	FL	USA	NA	124012	S07	USA	
444	\$47	\$11	\$59	220940A	7356	Gray-Daniels Ford Lincoln	601	8252801	MS	USA	NA	123309	S07	USA	@
445	\$38	\$14	\$52	5961901	328	Robert Hutson Ford Lincoln, In	229	9856603	GA	USA	NA	121542	S07	USA	@
446	\$54	\$0	\$54	1313001	B6254	Patricia Ford Sales (1994)	780	8363307	AB	Canada	NA	4B6254	1	Canada	
447	\$52	\$0	\$52	107354A	B4016	Terry Orzynsky Royal Ford Sale	306	7822261	SK	Canada	NA	4B4612	2	Canada	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
448		2012	IFTFWIET3CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/23/12	05/07/12	06/14/12	2,447	2	1456146
449		2012	IFTFWIET3CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/02/12	05/22/12	06/07/12	548	1	1420007
450		2012	IFTFWIET3CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/30/12	05/10/12	06/20/12	674	2	1482351
451		2012	IFTFWIET3CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/24/12	06/25/12	06/28/12	375	1	1477630
452		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/14/11	12/23/11	06/07/12	7,965	6	1412673
453		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/05/11	01/09/12	06/11/12	12,265	6	1490575
454		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/21/11	01/20/12	06/07/12	13,915	5	1467328
455		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/15/12	02/27/12	06/06/12	4,808	4	1291503
456		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/08/12	03/08/12	06/11/12	5,010	4	1452897
457		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/08/12	04/16/12	06/18/12	10,234	3	1384921
458		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/06/12	04/15/12	06/28/12	7,521	3	1497345
459		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/18/12	03/17/12	06/05/12	3,778	3	1259276
460		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/20/12	03/08/12	06/18/12	10,477	4	1408292
461		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/26/12	04/30/12	06/06/12	4,856	2	1294306
462		2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/27/12	05/25/12	06/18/12	1,489	1	1422146
463	1	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/12	04/30/12	06/13/12	4,802	2	1411290
464	2	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/12	04/30/12	07/09/12	5,834	3	1638298
465	1	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/03/12	06/04/12	06/08/12	265	1	1425727
466	2	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/03/12	06/04/12	06/21/12	332	1	1459309
467	1	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/15/12	05/25/12	06/11/12	694	1	1465361
468	2	2012	IFTFWIET4CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/15/12	05/25/12	07/04/12	2,381	2	1539457
469		2012	IFTFWIET4CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/22/12	03/30/12	06/15/12	7,770	3	1425907
470		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/30/11	04/03/12	06/07/12	3,401	3	1347417
471		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/20/11	01/16/12	06/20/12	6,011	6	1465979
472		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/19/11	02/17/12	06/20/12	8,691	5	1441250
473		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/09/11	01/21/12	06/18/12	14,889	5	1386723
474		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/21/11	04/03/12	06/06/12	3,439	3	1326708
475	1	2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	04/20/12	06/12/12	2,752	2	1317897
476	2	2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	04/20/12	06/18/12	3,874	2	1575104
477		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/26/12	05/31/12	06/14/12	1,552	1	1477825
478		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/14/12	02/11/12	05/29/12	11,316	4	1273057
479		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/24/12	03/13/12	06/21/12	4,712	4	1451572
480	1	2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/12	04/26/12	06/11/12	3,956	2	1362294
481	2	2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/12	04/26/12	06/26/12	6,020	3	1451737
482		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/08/12	05/01/12	06/20/12	1,206	2	1493993
483		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/24/12	04/30/12	06/24/12	6,344	2	1434481
484		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/21/12	06/12/12	06/26/12	1,081	1	1481301
485		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/01/12	04/30/12	06/11/12	4,242	2	1293620
486		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/12	05/14/12	06/22/12	5,541	2	1455721
487		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/24/12	06/02/12	06/14/12	401	1	1471933
488		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/15/12	06/08/12	06/25/12	1,500	1	1496131
489		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/16/12	05/31/12	06/07/12	429	1	1322520
490		2012	IFTFWIET5CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	12/20/11	02/02/12	06/11/12	12,462	5	1399618
491		2012	IFTFWIET5CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/17/12	02/13/12	06/26/12	11,310	5	1492804
492		2012	IFTFWIET5CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/03/12	01/23/12	06/18/12	8,365	5	1455549
493		2012	IFTFWIET5CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/23/12	03/09/12	06/06/12	15,165	3	1442009
494		2012	IFTFWIET5CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/13/12	05/01/12	06/12/12	2,431	2	1309749
495		2012	IFTFWIET5CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/21/12	04/12/12	06/12/12	5,761	3	1318301
496	1	2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/13/11	05/14/12	06/09/12	4,389	1	1465152
497	2	2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/13/11	05/14/12	06/13/12	4,946	2	1346622



	O	P
448	V29 - Check Engine Light	E29 - Check Engine Light Trouble
449	V29 - Check Engine Light	E29 - Check Engine Light Trouble
450	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
451	V29 - Check Engine Light	E29 - Check Engine Light Trouble
452	V52 - Driveability	D42 - Poor Performance/Lacks Power
453	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
454	V29 - Check Engine Light	E29 - Check Engine Light Trouble
455	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
456	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
457	V29 - Check Engine Light	E29 - Check Engine Light Trouble
458	V52 - Driveability	D42 - Poor Performance/Lacks Power
459	V29 - Check Engine Light	E29 - Check Engine Light Trouble
460	V29 - Check Engine Light	E29 - Check Engine Light Trouble
461	V29 - Check Engine Light	E29 - Check Engine Light Trouble
462	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
463	V29 - Check Engine Light	E29 - Check Engine Light Trouble
464	V29 - Check Engine Light	E29 - Check Engine Light Trouble
465	V29 - Check Engine Light	E29 - Check Engine Light Trouble
466	V29 - Check Engine Light	E29 - Check Engine Light Trouble
467	V29 - Check Engine Light	E29 - Check Engine Light Trouble
468	V29 - Check Engine Light	E29 - Check Engine Light Trouble
469	V29 - Check Engine Light	E29 - Check Engine Light Trouble
470	V52 - Driveability	D42 - Poor Performance/Lacks Power
471	V29 - Check Engine Light	E29 - Check Engine Light Trouble
472	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
473	V40 - Good Idle Quality	D13 - Engine Idles Rough
474	V48 - Auto Trans	P67 - Shifts Occur too Early, too Late, too Often
475	V29 - Check Engine Light	E29 - Check Engine Light Trouble
476	V29 - Check Engine Light	E29 - Check Engine Light Trouble
477	V48 - Auto Trans	P59 - Other Auto Trans Troubles
478	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
479	V29 - Check Engine Light	E29 - Check Engine Light Trouble
480	V29 - Check Engine Light	E29 - Check Engine Light Trouble
481	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
482	V29 - Check Engine Light	E29 - Check Engine Light Trouble
483	V29 - Check Engine Light	E29 - Check Engine Light Trouble
484	V52 - Driveability	D42 - Poor Performance/Lacks Power
485	V29 - Check Engine Light	E29 - Check Engine Light Trouble
486	V29 - Check Engine Light	E29 - Check Engine Light Trouble
487	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
488	V29 - Check Engine Light	E29 - Check Engine Light Trouble
489	V29 - Check Engine Light	E29 - Check Engine Light Trouble
490	V29 - Check Engine Light	E29 - Check Engine Light Trouble
491	V29 - Check Engine Light	E29 - Check Engine Light Trouble
492	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
493	V29 - Check Engine Light	E29 - Check Engine Light Trouble
494	V29 - Check Engine Light	E29 - Check Engine Light Trouble
495	V52 - Driveability	D42 - Poor Performance/Lacks Power
496	V89 - Ride & Handling	N25 - Vehicle Vibrates when Driving above 45 MPH
497	V52 - Driveability	D42 - Poor Performance/Lacks Power

	Q
448	CK ENGINE LIGHT IS ON. FEELS LIKE THE ENGINE IS SKIPPING
449	CHK CONCERN OF VEH RUNNING POORLY & CHK ENGINE LIGHT IS ON
450	CHECK ENGINE LIGHT ON
451	DIAG., CAUSE MIL LIGHT IS ON
452	CUSTOMER STATES THE CK ENGINE LIGHT IS ON and THERE IS A VIB RATION IN ENGINE. LOSS OF POWER IT CLEARED UP AFTER FEW MINS
453	ENGINE HESITATES WHEN ACCELERATING TO PASS VEHICLES
454	CK ENGINE LIGHT ON
455	SLIGHT STUMBLE ON HARD ACCEL
456	DRIVER STATES THAT WHILE DRIVING THE ENGINE LOOSES POWER SEE HISTORY MAKE ALL REPAIRS AS PER NEW FORD TSB 12 06 04 and HOTLINE CRC INSTRUCTIONS LOANER PROVIDED
457	CUSTOMER STATES THAT ENGINE LIGHT IS ON and THAT ENGINE IS MISSING ON ACCELL. PLEASE CHECK and ADVISE
458	CUSTOMER STATES WHEN GIVING VEHICLE GAS AFTER HAVING CRUISE CONTROL ON VEHICLE HAS NO POWER FEELS LIKE IT'S NOT RUNNING ON ALL CYLINDERS ONLY HAPPENS AFTER DRIV
459	ON COLD START TRUCK RUNS ROUGH and HAS A MISFIRE, STEP ON GASS and VEHICLE WONT MOVE
460	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
461	CHK ENGINE LIGHT ON RUNS OK
462	CUSTOMER STATES ENGINE STALLED OUT, OIL PRESSURE GAUGE SHOWED 0PSI, and BEEPS DISPLAY SHOWED NO OIL PRESSURE, RESTARTED and MESSAGE CLEARED, 1.4 TANK FUEL
463	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON(VEHICLE SHUDDERS WHILE DRIVING). PLEASE CHECK and ADVISE...
464	USE SPO 12179001;CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON...
465	CUST STATES THE SERVICE ENGINE SOON CAME ON and IS FLASHING
466	AROUND 60 MPH VEHICLE STARTS TO SHAKE and CHECK ENGINE LIGHT STARTS TO FLASH
467	CUSTOMER WAS TRAVELING AT 110 KM/HR and TRUCK SPUTTERED. CEL LIGHT BLINKED, AND POWER EVENTUALLY CAME BACK. CEL DID NOT STAY ON. THIS HAPPENED ONE MORE TIME W
468	INSTALL CAC DEFLECTOR AS PER TSB 12 6 4 PREVIOUSLY DIAGNOSED (RO#94124) NO PARTS IN STOCK AT TIME OF INITIAL DIAGNOSIS.
469	CUST STATES TRANS LIGHT IS ON, HAS NO PASSING POWER JUST STARTS SHAKING WHEN TRYING TO ACCELL. HARD
470	THE ENGINE LOOSES POWER, AT TIMES
471	CUSTOMER STATES HEARD A POP UNDERHOOD ON ACCEL, CHECK ENGINE LIGHT IS NOW ON, ENGINE RUNS ROUGH ON ACCEL. AC QUIT BLOWING COLD WHEN VEHICLE STARTED RUNNING B
472	CUSTOMER STATES ENGINE MISS & BACKFIRE AFTER DRIVING IN RAIN
473	CUSTOMER STATES ENGINE LIGHT WAS FLASHING. NO POWER. RAN ROUGH. LIKE IN LIMP MODE
474	CUSTOMER STATES CAN FEEL A HARD BUMP IN THE TRANSMISSION WHEN ACCEL.
475	E29 ADVISE FOR CHECK ENGINE LIGHT IS ON
476	REPORT ON CAUSE OF ENGINE LIGHT ON, HAD SOME WARRANRTY WORK DONE IN EDMONTON REGARDING ENGINE LIGHT
477	P66 CUSTOMER REPORTS THAT WHILE PASSING, IT LOST POWER and THEN CEL CAME ON. FOR THE REST OF THE DRIVE, WHEN IT WOULD GO INTO 6TH GEAR THE WHOLE TRUCK WOULD SHAK
478	ENGINE SURGES AT TIMES
479	E29, VERIFIER LA LUMIERE CHECK ENGINE ALLUME, RAPPORT TEMOIN ALLUME ET MOTEUR MANQUE DE POWER
480	REPAIR CAUSE MIL LIGHT IS ON
481	INSTALL CONVERTOR SHIELD
482	CUSTOMER STATES CHECK ENGINE LIGHT ON RUNS ROUGH and SHUTTERS
483	CHECK and ADVISE CEL IS ON, CUSTOMER SAYS SEEMS LIKE VEHICLE HAS A LITTLE BIT OF HESITATION WHEN ACCELERATING FROM A STOP.
484	CUST STATES THAT ENGINE LACKS POWER AT MOST TIMES WHEN ACCELERATING INTO PASSING GEAR
485	CUSTOMER STATES CHECK ENGINE LIGHT WAS ON ENGINE HAD LOW POWER
486	CUSTOMER STATES WHEN DRIVING FOR EXTEND TIME VEHICLE HAS LACK OFF POWER and THE CHECK ENGINE LIGHT COMES ON
487	CUSTOMER STATES IT HAS BEEN SLUGGISH WHEN ACCELERATING FROM A STOP and THIS MORNING IT WOULDN'T START. CUSTOMER ALSO SAYS IT IS BLOWING WHITE SMOKE, HE WILL DROP
488	C/S THE CHECK ENGINE LIGHT IS ON
489	CHANCE STATES THAT THE CHECK ENGINE LIGHT WAS ON HE STOPPED IN AT THE GMC STORE TURNED IT OFF WENT IN and CAME BACK OUT TO LEAVE and THE CHECK ENGINE LIGHT WENT ON
490	CUST STATES ENGINE LIGHT COMES ON and SPITTING AND SPUTTERING
491	CUST STATES CEL IS COMING ON. HAS POOR ACCELERATION.
492	INTERMITTENT ENGINE JERK and SURGE
493	CUST STATES CHECK ENG LIGHT IS ON
494	C/S CHECK ENGINE LIGHT IS ON, IT FLASHED and TRUCK SHOOK
495	AGREMENT DE CONDUITE INTERMITTENT, POUR DEPASSER A 80 KMH EN DONNANT DU GAZ VEHICULE COUPE VUE PAR AUTRE ATELIER FORD MAIS NE PEUT REPRODUIRE, VERIFIER
496	WHEN ENGINE UNDER LOAD AT HWY SPEEDS THE ENGINE STARTS TO VIBRATE and OVERSPEEDS WARNING COMES ON (GOING 90KM HR) KEEP DRIVING and BUCKING GETS WORSE and ENGINE
497	CHECK PCM AS VEHICLE IS NOT RUNNING PROPERLY. IT MISFIRES, and RUNS

R	
448	DOES NOT OPERATE TSB 12 6 4 VERIFY CONCERN, CHECK OASIS FOR TSB/SSM. PERFORM TSB 12 6 4. CHECK FOR DTCS P0305, P0306. INSPECT FOR DEFLECTOR PLATE
449	FOUND CODE P0304 PRESENT, PERFORMED TSB 12 6 4 REPLACED INTERCOOLER SHIELD & REPROGRAMMED PCM. RECHK ALL OK.
450	REPLACE DEFLECTOR PLATE
451	PERFORMED SYSTEM TESTS REPROGRAMMED PER TSB 120604
452	COULD NOT VERIFY CONCERN. CHECK OASIS and PRECHECKS. FOLLOW TSB 12 6 4. SOP ON DEFLECTOR. INSTALLED SHIELD and REPROGRAM PCM AS STATED IN TSB INSTALL BY 43117
453	TSB 12 06 04. DIAG STUMBLE OR HESITATION ON SHIFT ACCEL, INSTALL CAC DEFLECTOR and REPROGRAM PCM AS PER TSB. ROAD TESTED OK
454	CUTTING OUT, RAN DIAGS, P1111 ON ALL TESTS, RAN OASIS FOUND TSB FOR CONCERN 12 06 04, INSTALL SHIELD and REPROGRAM PCM
455	BROUGHT IN, SCANNED PCM FOR STORED FAULT CODE NO CODES PRESENT. REF TSB 12 6 4, CHECKED FOR AIR DEFLECTOR PLATE ON CAC OKAY. REPROGRAMMED PCM TO LATEST VERSION
456	UPDATE PCM and INSTALLED DEFLECTOR PLATE OVER PCM AS PER FORD TSB 12 06 04A RAN ALL EEC and ENGINE TESTS NO CODES ROADTESTED NPF CND CALLED FORD HOTLINE 1053890
457	PERFORM DIAGNOSIS ON CHECK ENGINE LIGHT and MISS CONCERN. FOUND P0305 and P0306. PRESENT. FOUND TSB 12 6 4. REPROGRAMMED PCM and INSTALLED DEFLECTOR ON INNER COOLER
458	VISUAL INSPECTION OK TEST DRIVE NORMAL CHECKED OASIS SSM 22387 and 22246 FOR BRAKE OVER ACCEL. TEST DRIVE AGAIN WITH FOOT ON BRAKE LOST POWER ECON WENT UP FELT LI
459	EEC TESTED NO CODES, FOUND LATER CALIBRATION FOR PCM UPDATE and REPROGRAMMED
460	EEC TEST TECH REFERRED TO TSB 120604 REPROGRAM PCM and ***ORDERED*** DEFLECTOR SHIELD FOR CHARGE AIR COOLER
461	VERIFY CONCERN. PERFORM TESTING. REPLACE CAT CONVERTER PER TSB. PCM ALREADY UPDATED
462	EEC TEST P0301 P0304, PERFORM 120604A REPROGRAM PCM RETEST OK HAS PLATE NEW # CL3A 12A650 ANG, CLEAR CODE FINAL Q TEST KOEO KOE RP1000 PASS END 1491.
463	MODULE UPDATE INSTALL CAC AIR DEFLECTOR and REPROGRAM PCM
464	FAULTY CONVERTER CATALYTIC CONVERTER REMOVE and INSTALL OR REPLACE FAXED 07 16 12
465	SYSTEM DIAG, P0306. FOLLOWED TSB 12 6 4, INSTALLED CAC AIR DEFLECTOR & REPROGRAMMED PCM
466	VERIFY ENGINE MISS ON LOAD COLD OR HOT, NO CHECK ENGINE LIGHT. SELF TEST P0306 IN CONT MEMORY. TSB 12 6 4 JUST COMPLETED AT OTHER DEALER. #6 DROPPING ON PWR BAL. SW/
467	CEL ON & VEHICLE SPUTTERS & MISSES ON HWY. SCANNED FOR CODES RETRIEVED CODES P0430 & P0306. RAN OASIS REFERRED TO TSB 12 6 4. PERFORMED PROCEDURES AS OUTLINED IN T
468	INSTALLED AIR DEFLECTOR PLATE AS PER TSB 12 6 4. STEP 1 ALREADY COMPLETED PREVIOUSLY (RO#94124) NO PARTS IN STOCK TO COMPLETE REPAIR AT TIME OF INITIAL DIAGNOSIS.
469	VERIFY CHECK ENGINE LIGHT ON IDS TEST P0300, P0305, P0306, PID MONITOR, PWR BAL, PINPOINT PERFORM TSB INSTALL CAC AIR DEFLECTOR PLATE and RECAL PCM PERFORMED TSB 12 06 04
470	REPROGRAMMED THE PCM AS DIRECTED BY TSB 12 06 04
471	CHECK HOOK UP IDS TEST FOR CODES P0306 CK OASIS SOUND TSB 120604 ORDERED PARTS INSTALL SHIELD and REPROGRAM PCM AS PER TSB
472	VERIFIED. INSTALL DEFLECTOR PER TSB 12 6 4
473	PERFORMED CHECKS and REPROGRAMMED PCM PER TSB 12 06 04. 120604A 0.5HR
474	PERFORMED DIAG TEST NO CODES. PERFORMED TSB 12 06 04 and REPROGRAMMED PCM FOR DRIVABILITY CONCERN
475	EEC TEST P0301, CHK OASIS, REPROGRAM PCM and PERF REMAINING OF TSB 12 06 04. RETEST, OK.
476	CEL ON, P0301 PRESENT. POWER BALANCE SLIGHT MISS ON #4. OASIS CHECK, TSB 12 6 4 COMPLETED AT ANOTHER DEALER. NO LATER CALIBRATION. AIR DEFLECTOR PLATE THAT WAS TO H
477	HOOKE UP IDS and FOUND CODE P0430, CHECK OASIS and FOUND TSB 12 6 4 FOR THIS CODE, INSP TO SEE IF CAC HAS A SHIELD ON FRONT and IT DOES NOT, ORDERED CONVERTOR FROM DEPC
478	TECHNICIAN FOLLOWED TSB 12 6 4. THIS CLAIM WAS BOOKED WRONG. CORRECTED LABOR OPS HAVE BEEN SUBMITTED.
479	T547 VER. DTC (P0300 00 28 PCM, P0305 00 A8 PCM, P0306 00 A8 PCM) EFFACE DTC. TEST KOER (AUCUN DTC) VER. OASIS TSB 12 6 4. (EN DATE DU 7 JUIN). COMMANDE DEFLECTOR PLATE (B
480	PERFORMED SYSTEM TESTS CODE P0430 REPLACED L.BANK CONVERTOR
481	AT TIME TSB 120604 PERFORMED SHIELD WAS NOT AVAILABLE. INSTALLED SHIELD WHEN CAME IN
482	DIAG, KOEO and KOER CODE P0306 CHECKED OASIS FOUND TSB THIS CODE COMPLETED TSB 12 6 4 REPROGRAMMED PCM and TEST OK 120604A 0.5
483	10210 CONFIRMED CEL LIGHT IS ON. ROAD TESTED CONFIRMED SOME HESITATION and SOME STUMBLING. FOUND TSB 12 6 4 FOR CODE P0430 SAYS TO CHANGE LEFT BANK CAT ASSEMBLY a
484	PCM UPDATE TEST DROVE VEHICLE PERFORMED DIAGNOSIS FOUND CODES P0304 P0305 and P0306 REPROGRAMMED PCM PER TSB 12 6 4 TEST DROVE
485	4242 PERFORMED SELF TEST P0300, P0306 RAN OASIS FOUND TSB 12 6 4 PERFORMED TSB CODE P0430 IS NOT PRESENT CAC AIR DEFLECTOR IS PRESENT REPROGRAMMED PCM TO LATEST CALI
486	EEC TESTED RAN KOEO KOER SYSTEM PASS, RAN OASIS, PERFORMED TSB 12 6 4, REPROGRAMMED PCM
487	VEHICLE STARTED FINE PERFORMED SELF TESTS NO CODES VERIFIED A STUMBLE WHILE DRIVING FOUND TSB 12 6 4 PERTAINS REPROGRAMMED PCM and ORDERED DEFLECTOR PER TSB OP
488	RAN EEC TEST P0430 REPROGRAMMED PCM TO LATEST LEVEL and CHECKED FOR AIR DEFLECTOR ON CAC and IN PLACE REPLACED DRIVE'S SIDE CAT CONVERTER AS PER TSB 12 6 4 CLEAR
489	CC 42 CP RECAL VERIFIED CONCERN, EEC TEST, RETRIEVED FAULT CODE P0300. REPROGRAMMED PCM AS PER TSB 12 06 04. TEST DROVE TO VERIFY REPAIR
490	TEST DROVE, RAN EEC SYSTEM TESTS, R&R LEFT CAT CONVERTER & REPROGRAMMED PCM AS PER TSB NO. 12 6 4 120604B 1. WPI
491	VERIFIED CUSTOMER CONCERN. HOOKE UP IDS and CHECKED FOR CODES. FOUND P0299, P0297, P012D, O113. FOUND TSB 12 06 04 PERTAINING TO ABOVE CODES. REPROGRAMMED PCM. VEH
492	RUN DIAG FOR CODES P0306 PERFORM TSB 12 6 4 and REPROGRAM PCM
493	CHECKED CODES and FOUND CODE P0430 FOR CONVERTER LOW EFFICIENCY. FOUND TSB 12 6 4 FOR CODE P0430 AFTER EXTENDED DRIVE TIME. REPROGRAMMED PCM TO CALIBRATION CLS
494	CK and TEST DROVE FOUND ENG MISS RUN CODE TEST P0304 MISS FIRE CODE ON CYLINDER #4 RUN TEST DRIVE RUN POWER BALANCE TEST FOUND ENG MISS ON #4#5 #6 CYLINDERS FOUND T
495	VER CODE P06B8 00 2 4, pin point test pour code p06b8, suivre instruction et RE PROGRAMMER PCM, FAIRE SELON TSB 12 06 04 RE PROGRAMMER pareille selon procedure et commander deflecteur, op 1 2060
496	CHECK OASIS, FOUND TSB 12 6 4 RELATING TO CONCERN. FOLLOW TSB, REQUIRES AIR DEFLECTOR PLATE FOR CAC, PROVIDED P Q ON BACK ORDER. REPROGRAM PCM TO LATEST LEVEL, RE
497	EEC TEST (CONT. CODES P0301, 0304, 0316), PERFORMED PINPOINT, FUEL SYSTEM and IGNITION SYSTEM TESTS, CHECKED OASIS (REQUIRES TSB 12 6 4 PERFORMED, PART USA STK) REMOVE, INSP

	S	T	U	V	W	X	Y
448	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
449	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
450	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
451	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
452	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
453	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
454	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
455	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
456	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
457	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
458	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
459	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
460	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
461	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
462	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
463	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
464	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	0.0
465	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
466	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	2.1
467	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
468	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
469	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
470	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
471	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
472	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
473	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
474	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
475	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
476	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.4
477	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
478	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
479	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
480	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
481	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.2
482	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
483	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
484	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
485	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
486	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
487	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
488	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
489	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
490	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
491	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
492	F04 - Powertrain	7H06 - Refrigerant-AC	BL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
493	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
494	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
495	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
496	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
497	F04 - Powertrain	2B03 - Spark Plugs	CYFS	12 - Spark Plugs	Y3	42 - Does Not Operate Properly	2.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
448	\$38	\$0	\$38	4264701	4988	Langdale Ford Company	229	3332300	GA	USA	NA	121224	S07	USA	@
449	\$41	\$15	\$56	16106001	B1335	Lange & Fetter Motors Ltd	613	3926561	ON	Canada	NA	4B1368	2	Canada	@
450	\$28	\$11	\$39	105891	6168	Florence Motor Sales, Inc.	715	6963377	WI	USA	NA	158486	S07	USA	@
451	\$32	\$0	\$32	148177A	B3306	Jim Hatheway Ford Sales Limite	902	6676000	NS	Canada	NA	4B3306	1	Canada	@
452	\$42	\$11	\$53	71719303	7590	Van Bortel Ford, Inc.	585	5864415	NY	USA	NA	144070	S07	USA	@
453	\$47	\$15	\$61	7388951	B4694	Melville Motors Ltd.	306	7285458	SK	Canada	NA	4A4802	2	Canada	@
454	\$37	\$10	\$47	5313301	2626	Murrey Motor Co., Inc.	903	8732511	TX	USA	NA	152451	S07	USA	
455	\$35	\$0	\$35	212001	7150	Big John's Ford	308	8321640	NE	USA	NA	153654	S07	USA	
456	\$34	\$46	\$79	1783251	167	Beshore and Koller, Inc.	717	2663651	PA	USA	NA	116518	S07	USA	@
457	\$45	\$11	\$56	221822A	5477	Baxter Ford, Inc.	402	9345656	NE	USA	NA	153676	S07	USA	@
458	\$48	\$0	\$48	5540201	8524	Westlie Ford	360	8342113	WA	USA	NA	174496	S07	USA	@
459	\$48	\$0	\$48	10033101	3965	Benna Ford Superior	715	3922268	WI	USA	NA	158401	S07	USA	
460	\$51	\$0	\$51	173662A	529	Gene Evans Team Ford and Linco	770	9649801	GA	USA	NA	121024	S07	USA	@
461	\$83	\$301	\$383	049166A	20051	Dahl Ford Davenport Inc	563	3912600	IA	USA	NA	141201	S07	USA	
462	\$51	\$0	\$51	9270052	1487	Don Chalmers Ford	505	8972500	NM	USA	NA	156302	S07	USA	
463	\$47	\$13	\$60	5005051	4948	Gary Smith Ford Inc	850	2444111	FL	USA	NA	121487	S07	USA	@
464	\$0	\$389	\$389	5104251	4948	Gary Smith Ford Inc	850	2444111	FL	USA	NA	121487	S07	USA	@
465	\$43	\$11	\$54	1486051	7313	Washington Ford, Inc.	724	2235100	PA	USA	NA	144890	S07	USA	@
466	\$182	\$59	\$241	115789A	10690	South Hills Lincoln, Inc.	724	9411600	PA	USA	NA	144890	S07	USA	@
467	\$100	\$294	\$394	9412401	B8355	Sunset Country Ford Ltd.	807	2743236	ON	Canada	NA	4B8355	S07	Canada	@
468	\$50	\$15	\$65	9449501	B8355	Sunset Country Ford Ltd.	807	2743236	ON	Canada	NA	4B8355	1	Canada	@
469	\$43	\$10	\$53	013226A	7724	Jimmy Granger Ford	318	9253333	LA	USA	NA	123223	S07	USA	
470	\$36	\$0	\$36	684192	329	Valley Ford	205	6253122	AL	USA	NA	121582	S07	USA	@
471	\$51	\$12	\$63	173874A	529	Gene Evans Team Ford and Linco	770	9649801	GA	USA	NA	121024	S07	USA	@
472	\$38	\$12	\$50	9485201	7661	Laurel Ford Lincoln	814	4675565	PA	USA	NA	144510	S07	USA	@
473	\$44	\$0	\$44	142654A	7990	Bob Moore Ford	405	6163673	OK	USA	NA	152209	S07	USA	
474	\$38	\$0	\$38	4380401	9311	Beadle Ford, Inc.	605	2856202	SD	USA	NA	158670	S07	USA	@
475	\$65	\$0	\$65	533474A	A6040	Universal Ford Lincoln Sales L.	403	2912800	AB	Canada	NA	4A4802	2	Canada	
476	\$43	\$15	\$57	36733001	A4802	Merlin Ford Lincoln	306	9316611	SK	Canada	NA	4A4802	1	Canada	
477	\$117	\$294	\$411	302801A	B6280	Denny Andrews Ford Sales Inc.	780	4899999	AB	Canada	NA	4B6280	S07	Canada	
478	\$39	\$0	\$39	634064A	4139	Westlie Motor Company	701	8521354	ND	USA	NA	158521	S07	USA	
479	\$47	\$0	\$47	11730801	B2515	Jacques Olivier Ford Inc.	450	4453673	QC	Canada	NA	4B2425	2	Canada	@
480	\$63	\$294	\$357	147705A	B3306	Jim Hatheway Ford Sales Limite	902	6676000	NS	Canada	NA	4B1811	S07	Canada	
481	\$13	\$14	\$26	148128A	B3306	Jim Hatheway Ford Sales Limite	902	6676000	NS	Canada	NA	4B1811	2	Canada	@
482	\$37	\$0	\$37	7472401	3627	Timberland Ford	850	5846178	FL	USA	NA	124444	S07	USA	
483	\$121	\$294	\$415	169940A	A6017	Jim Hansen's Gateway Ford Line	780	5384044	AB	Canada	NA	4A6017	S07	Canada	
484	\$45	\$0	\$45	67324401	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124408	S07	USA	@
485	\$43	\$0	\$43	550960A	9480	Eide Ford Lincoln	701	2223500	ND	USA	NA	158487	S07	USA	@
486	\$46	\$0	\$46	2482851	4496	A C Collins Ford, Inc.	281	6043673	TX	USA	NA	152039	S07	USA	@
487	\$46	\$11	\$57	353581A	9956	Eau Claire Ford Lincoln	715	8342056	WI	USA	NA	158407	S07	USA	@
488	\$96	\$293	\$389	407388A	6466	Terrebonne Ford	985	8765100	LA	USA	NA	123548	S07	USA	@
489	\$47	\$0	\$47	4762501	3354	Southwest Ford	903	4557222	TX	USA	NA	152417	1	USA	@
490	\$83	\$293	\$376	2985201	6503	Hixson Autoplex	318	4480871	LA	USA	NA	123370	S07	USA	@
491	\$49	\$0	\$49	12398701	1862	Steamboat Motors, LLC	970	8798880	CO	USA	NA	172729	2	USA	@
492	\$38	\$11	\$49	2361401	4195	Prairie Motors, Inc.	701	6282855	ND	USA	NA	158778	1	USA	@
493	\$95	\$293	\$388	130966A	8824	Lithia Ford Lincoln of Grand F	701	7466411	ND	USA	NA	148112	S07	USA	
494	\$38	\$0	\$38	168336A	6578	Courtesy Motors, Inc.	601	5448111	MS	USA	NA	141139	S07	USA	
495	\$53	\$0	\$53	17770605	B2307	440 Ford Lincoln	450	6889200	QC	Canada	NA	4B2307	1	Canada	@
496	\$57	\$15	\$71	12397501	B7023	Prince George Motors Ltd	250	5638111	BC	Canada	NA	4B7023	1	Canada	
497	\$298	\$11	\$308	28574701	B6297	Sherwood Ford	780	4493673	AB	Canada	NA	4B7023	2	Canada	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
498		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/22/11	01/03/12	06/05/12	12,538	6	1333045
499		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/30/11	02/27/12	06/12/12	9,714	4	1325900
500		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/05/11	12/21/11	05/31/12	4,053	6	1421533
501		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/08/11	12/13/11	06/13/12	6,733	7	1466825
502		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/21/11	03/19/12	06/18/12	6,871	4	1458728
503		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/21/11	01/02/12	06/15/12	22,561	6	1387741
504		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/04/12	01/17/12	06/22/12	7,720	6	1471956
505		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/26/12	02/20/12	06/09/12	7,546	4	1465185
506		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/17/12	05/08/12	06/18/12	6,307	2	1470859
507		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/11/12	03/15/12	06/21/12	9,190	4	1459067
508		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/07/12	04/17/12	06/20/12	3,516	3	1497502
509		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/05/12	04/23/12	06/21/12	8,758	2	1458703
510		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/03/12	06/11/12	06/25/12	942	1	1442919
511		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/23/12	05/11/12	06/13/12	2,485	2	1477882
512		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/20/12	04/19/12	06/26/12	8,711	3	1472193
513		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/16/12	05/30/12	06/26/12	893	1	1454221
514		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/22/12	06/15/12	06/25/12	721	1	1455991
515		2012	IFTFWIET6CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/22/12	06/04/12	06/18/12	526	1	1382489
516		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	12/21/11	02/27/12	06/07/12	3,275	4	1326347
517		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/28/12	03/14/12	06/12/12	654	4	1494201
518		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/26/12	04/24/12	06/07/12	2,576	2	1254433
519		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/08/12	03/23/12	06/25/12	8,339	4	1497833
520		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/09/12	04/27/12	06/25/12	815	2	1458230
521		2012	IFTFWIET6CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/17/12	05/21/12	06/14/12	3,094	1	1409083
522		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/07/11	01/24/12	06/21/12	13,608	5	1481599
523	1	2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/03/11	02/18/12	06/08/12	8,798	4	1289640
524	2	2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/03/11	02/18/12	06/12/12	10,154	4	1365274
525		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/08/12	03/20/12	06/08/12	760	3	1381146
526		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/15/12	06/11/12	06/12/12	109	1	1340964
527		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/18/12	02/09/12	06/11/12	18,315	5	1325004
528		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/26/12	03/28/12	06/14/12	2,602	3	1456977
529	1	2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/23/12	04/06/12	06/13/12	5,714	3	1385986
530	2	2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/23/12	04/06/12	06/18/12	5,767	3	1385987
531		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/03/12	03/10/12	06/26/12	6,005	4	1490645
532		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/17/12	03/09/12	06/07/12	3,997	4	1302605
533		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/12	03/02/12	06/15/12	6,460	4	1423441
534		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/24/12	04/03/12	06/28/12	5,319	3	1489462
535		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	04/07/12	06/11/12	4,619	3	1351595
536		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/13/12	05/02/12	06/14/12	2,662	2	1453526
537		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/06/12	05/28/12	06/28/12	1,719	2	1490329
538		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/03/12	04/23/12	06/07/12	3,547	2	1304527
539		2012	IFTFWIET7CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/07/12	05/19/12	06/06/12	1,681	1	1409084
540		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	12/01/11	01/05/12	06/20/12	16,180	6	1453397
541		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	11/28/11	12/29/11	06/11/12	4,762	6	1387970
542		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/31/12	02/23/12	06/19/12	6,098	4	1490706
543		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/28/12	04/04/12	06/12/12	3,232	3	1364000
544		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/27/12	04/23/12	06/20/12	2,377	2	1407189
545		2012	IFTFWIET7CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/12/12	05/25/12	06/02/12	720	1	1303221
546		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/11/11	03/17/12	06/26/12	6,250	4	1494075
547		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/14/11	01/27/12	06/19/12	5,153	5	1471223

	O	P
498	V29 - Check Engine Light	E29 - Check Engine Light Trouble
499	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
500	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
501	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
502	V46 - Good Fuel Economy	D35 - Excessive Fuel Consumption
503	V29 - Check Engine Light	E29 - Check Engine Light Trouble
504	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
505	V52 - Driveability	D42 - Poor Performance/Lacks Power
506	V52 - Driveability	D42 - Poor Performance/Lacks Power
507	V52 - Driveability	D42 - Poor Performance/Lacks Power
508	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
509	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
510	V29 - Check Engine Light	E29 - Check Engine Light Trouble
511	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
512	V29 - Check Engine Light	E29 - Check Engine Light Trouble
513	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
514	V29 - Check Engine Light	E29 - Check Engine Light Trouble
515	V29 - Check Engine Light	E29 - Check Engine Light Trouble
516	V40 - Good Idle Quality	D13 - Engine Idles Rough
517	V51 - Drivetrain	K03 - Axle Vibration/Shake
518	V29 - Check Engine Light	E29 - Check Engine Light Trouble
519	V29 - Check Engine Light	E29 - Check Engine Light Trouble
520	V52 - Driveability	D37 - Eng hes/srgs/runs rgh at Startup
521	V29 - Check Engine Light	E29 - Check Engine Light Trouble
522	V48 - Auto Trans	P68 - Trans Shifts Rough or Jerky from Park
523	V52 - Driveability	D42 - Poor Performance/Lacks Power
524	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
525	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
526	V29 - Check Engine Light	E29 - Check Engine Light Trouble
527	V40 - Good Idle Quality	D13 - Engine Idles Rough
528	V29 - Check Engine Light	E29 - Check Engine Light Trouble
529	V29 - Check Engine Light	E29 - Check Engine Light Trouble
530	V29 - Check Engine Light	E29 - Check Engine Light Trouble
531	V52 - Driveability	D42 - Poor Performance/Lacks Power
532	V52 - Driveability	D42 - Poor Performance/Lacks Power
533	V29 - Check Engine Light	E29 - Check Engine Light Trouble
534	V29 - Check Engine Light	E29 - Check Engine Light Trouble
535	V44 - Base Engine Malfunction	E30 - Check Engine Light-Base Eng Related
536	V29 - Check Engine Light	E29 - Check Engine Light Trouble
537	V29 - Check Engine Light	E29 - Check Engine Light Trouble
538	V29 - Check Engine Light	E29 - Check Engine Light Trouble
539	V29 - Check Engine Light	E29 - Check Engine Light Trouble
540	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
541	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
542	V52 - Driveability	D42 - Poor Performance/Lacks Power
543	V29 - Check Engine Light	E29 - Check Engine Light Trouble
544	V29 - Check Engine Light	E29 - Check Engine Light Trouble
545	V29 - Check Engine Light	E29 - Check Engine Light Trouble
546	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
547	V29 - Check Engine Light	E29 - Check Engine Light Trouble

Q	
498	Check out engine light on
499	CUST STATES WHILE DRIVING YESTERDAY AT HIGHTWAY SPEEDS TRANS STARTED TO SLIP WHEN ACCELERATING
500	MISSES AT 50 55 MPH
501	CUSTOMER STATES ENGINE HAS ROUGH IDLE and MISSESAT IDLE ALSO ON LIGHT TIP IN ENGINE MISSES POORFUEL ECONOMY
502	CUSTOMER STATES THAT ONLY GETTING 17MPG DROPPED DOWN SINCE UPDATE WAS DONE WAS 17.5. NOW 16.8 ALSO NOW CHOKES WHEN YOU STEP ON GAS
503	CK ENG LIGHT ON STUBLES HESITATS UNDER HARD ACCEL
504	CLIENT REPORTS INTERMITTENTLY WHEN DRIVING HWY SPEEDS LONG TRIPS WHEN ATTEMPT TO ACCEL WILL BOG DOWN and LOSE POWER REFER TO PRIOR ROS 125167 125957 and 123810
505	ENGINE MECHANICAL ESTIMATE REPAIR OF LACK OF THROTTLE WHEN ACCELERATING AT HIWAY SPEEDS HAS HAPPENED TWICE
506	HAS MISS and BOGS DOWN
507	CUSTOMER CONCERN OF HESITATION OR STUMBLE ON HIGHWAY AFTER DRIVING FOR A TIME and HUMID,
508	COMPLAINT: CUST STATES OF A CEL and A LCK OF POWER
509	MISCELLANEOUS WHEN IDLING IT FLUCTUATES
510	CHECK ENGINE LIGHT ON;CRUISING AT 70 MPH VEHICLE STARTED SHAKING ENGINE LIGHT FLASHED,HAPPENED AGIAN WHEN ACCELATING ABOUT 2HRS LATER
511	LACK OF POWER AT ALL SPEEDS INTERMITTENT
512	CUST STATES THE CHECK ENGINE LIGHT IS ON and THE ENGIEN HAS A MISS
513	CUSTOMER STATES TRUCK BOGS DOWN IN WET WEATHER TSB 12 06 04
514	Customer States THAT CHECK ENGINE LIGHT CAME ON, TRUCK LOST POWER WOULD NOT ACCELERATE
515	CHECK ENGINE LIGHT TROUBLES WAS FLASHING FIRST, THEN STAYED ON SOLID SPUTTERED ON ACCEL
516	CUSTOMER STATES THERE IS A ROUGH IDLE
517	VIBRATION ON ACCEL FROM STOP, ONLY LAST FOR A COUPLE SECONDS THE EVENS OUT
518	CONCERN FOR CK ENG LITE IS ON
519	C S CHECK ENGINE (MIL) LIGHT IS ON. PERFORM SYSTEMS DIAGNOSTIC PROCEDURE & REPORT FINDINGS and RECOMMENDATIONS
520	DRIVEABILITY CHECK ENGINE DIES ONE TIME and RUNS ROUGH AFTER FIRST STARTED IN AM
521	CHECK ENGINE LIGHT IS ON
522	CUSTOMER STATES WRENCH LIGHT ON and INT STUMBLE ON HARD ACCELERATION
523	CUST STATES WHILE DRIVING THE CHECK ENGINE LIGHT WAS FLASHING and THE ENGINE HAD NO POWE R
524	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON. IT WILL SHAKE and SPUTTER AT ACCELERATION AT 50 MPH OR MORE, IT WILL ALSO CAUSE THE CEL TO FLASH. IT WAS FLASHING BEFORE
525	CUSTOMER CONCERN VEHICLE HAS A VERY SHORT(2 SECONDS) SHUDDER VIBRATION WHEN STARTING OUT GOES AWAY REALLY QUICK,CUSTOMER NOTICED IT WHEN TOWING A BOAT,AFT
526	MIL LIGHT ON/ DIAGNOSE and ADVISE
527	C/S ENGINE MISSING ON ACCEL ADVISE
528	E29 CS WHILE DRIVING AT HWY SPEED TRUCK START TO VIBRATE THE HECK ENGINE LIGHT COME ON SOLID. CS CHECK ENGINE LIGHT WENT OF THIS MORNING
529	CUSTOMER STATES THAT THE CHECK ENGINE STARTS TO FLASH THE TRUCK SHUTTERS and THE A/C COMPRESSOR SHUTS OFF
530	GUEST STATES THAT THE CHECK ENGINE LIGHT IS ON and STATES THAT OVER 40MPH THE VEHICLE WILL CUT OUT and LOSE POWER and STATES THAT THE A/C SYSTEM WILL BEGIN TO BLOW
531	CHECK ENGINE LIGHT ON and VEHICLE LOST POWER SOP IN STOCK
532	UPDATE FOR RUS ROUGH
533	CUSTOMER STATES CHECK ENGINE LIGHT IS ON THE DIC, THE OWNER NOTICED THE LIGHT ON HIS WAY BACK FROM CANADA, THE LIGHT TURNED ON AFTER PASSING ANOTHER VEHICLE
534	MILL LIGHT AS WELL AS HESITATION SOMETIMES DURING TAKE OFF. (D50)
535	CUST STATES CHECK ENGINE LIGHT CAME ON and ENGINE WAS MISSING.
536	Customer States the check engine light is coming on he pulled code p0306
537	CUSTOMER SAYS TRUCK WILL INTERMITTINGLY LOSE POWER WHEN PUTTING TRUCK UNDER LOAD(PASSING CARS) HAVE TO LET FOOT OFF GAS and THEN TRUCK SEEMS TO GAIN POWER AC
538	12 6 4 TSB FOR MISFIRE
539	CHECK ENGINE LIGHT IS ON
540	C/S VEHICLE HAS A HESITATION AT LOW RPMS INHIGHER GEARS. CHECK and ADVISE
541	CUSTOMER STATES ENGINE MISSES ALL THE TIME AT CRUISE UP HILLS AT 50 MPH OR 80 MPH
542	ECC EMISSION CONTROL SYSTEM CE LITE WAS ON NO POWER TO PASS ON HWY
543	CUSTOMER STATES CHECK ENGINE LIGHT IS ON, SAYS NO POWER ON ACCEL
544	GAS DRIVABILITY/EMMISIONS CEL IS ON; PLEASE INSPECT and ADVISE. >
545	CHECK ENGINE/MIL LIGHT ON CHECK CAUSE OF MIL LIGHT FLASHING
546	VEHICLE HESITATES WHEN TRYING TO PASS
547	CUST STATES THE ENGINE LIGHT BLINKS DURING ACCELERATION



	R
498	Scan test p0097, perform tsb 12 2 10 reprogram pcm
499	ROAD TEST, VERIFIED A HESITATION/STUMBLE AT FREEWAY SPEEDS and BUCKING ON ACCEL. PERFORM TSB 12 6 4 CHECKING CODES, NO DTCS, REPROGRAM PCM TO LATEST CALIBRATION,
500	MISSES AT 50 55 MPH, CONTACT HOTLINE and FORD FIELD SERVICE ENGINEER, PERFORMED TSB 12 6 4, VERIFIED CONCERN REPAIRED
501	INSTALLED CHARGE AIR COOLER AIR DEFLECTOR AND REPROGRAMMED PCM PER TSB 12 06 04
502	IDS TESTED NO CODES, RAN OASIS GOT TSB 12 06 04. REPROGRAMMED PCM TO LATEST CAL. ALSO INSTALLED SHIELD ON THE COLD AIR CHARGE COOLER PER TSB. ALL OK NOW 12 06 04B
503	FOUND INTERMITTENT ENG SURGE CK FOUND TSB 12 6 4 CK CAC DEFLECTOR IS THERE REPROG PCM RETEST OK AT THIS TIME
504	CHECKED DTCS, INSTALL CAC AIR DEFLECTOR PLATE and REPROGRAMMED PCM, PER TSB 12 6 4
505	CHECKED FOR CODES. SYSTEM PASS. CHECKED OASIS NO SSM, TSB 12 6 4 TEST DRIVE FOR LACK OF POWER. REPROGRAMMED PCM AS PER TSB 12 6 4.
506	RUN EEC KOEO NO CODES CK FOR TSBS 12 6 4 REPROGRAM PCM and INSTALL CAC AIR DEFLECTOR PER TSB
507	PERFORMED TSB 12 6 4 INSTALLED AIR DEFLECTOR ASSEMBLY and REPROGRAMMED PCM AS PER RECALL CODE 42
508	RECEIVED CODES P0300, P03034, P0305, P0306, REPROGRAMMED, PCM and FABRICATED AIR DAM LAW FORD MOTOR COMPANY,
509	PERFORM TSB 1264
510	PERFORM INSPECTION, SELF TEST: P0304, PERFORM PCM REFLASH AS PER TSB #12 6 4. SEE ESTTACHED. 7540 (W)
511	VERIFY CONCERN. IDS TEST, CHECK OASIS and PERFORM TSB 12 6 4. P0306 WAS IN MEMORY ONLY. RE CHECK OK.
512	ROAD TEST, RAN GREAT, RUN IDS TEST, CODE P0304, RUN OASIS. REPROGRAM PCM AS PER TSB 12 6 4, RETEST, OK
513	SHIELD IS IN PLACE. UPDATED PCM PER TSB
514	tsb 12 6 4; eec diag. retrieve codes p0300, p0304, p0305, and p0306. reprogram pcmas per tsb 12 6 4. labor operation 120604A .5 hours labor
515	CC42 6K775 KOEO PASS, KOER PASS, KOEC P 0306, INSPECT CAC FOR AIR DEFLECTOR, IS PRESENT, REPROGRAM PCM TO LATEST LEVEL PER TSB 12 6 04A, RETEST P1000, ROAD TEST OK.
516	TESTED ECC SYSTEM ALL PASS CODES, PERFORMED TSB 12 6 4, INSTALLED AIR DEFLECTOR PLATE and PROGRAMMED PCM, TEST DROVE. STILL RUNNING ROUGH, PERFORM MISFIRE TEST, SHO
517	INSTALLED DEFLECTOR AS PER 12 6 04, REPROGRAMMED PCM TO LATEST CALBRATION
518	VERIFIED CK ENF LITE IS ON IDS TEST P0300 0305 0306 IN MEMORY CHECKED OASIS FOUND TSB 12 06 04 REPROGRAMMED PCM RETEST OK VERIFIED REPAIR
519	FP 5E212 FC 12 120604B 1.0 IDS TEST. CODE P0430. CHECK TSB and SSM. REFER TO TSB 12 6 4 REPLACE LEFT CATALYTIC CONVERTER. VEHICLE HAS AIR DEFLECTOR. REPROGRAM PCM WITH I
520	
521	DIAGNOSED and REPLACED CONVERTER PER TSB 12 06 04
522	TEST DRIVE TO VERIFY CONCERN SURGE AT HIWAY SPEEDS FOUND TSB 1264 REPROGRAM PCM PER TSB
523	VERIFIED CONCERN RAN SSM, TSB FOUND TSB 12 6 4 REPROGRAMMED PCM PER TSB and TEST DROVE WORKING NORMAL AT THIS TIME
524	DIAG REPLACE LEFT SIDE CAT CONV and REPROGRAM PCM
525	ROAD TEST FOUND INTERMITTENT ON ACCELERATION, EEC TEST NO CODES REPROGRAM PCM PER TSB 12 6 4, ROAD TEST OK
526	PERFORMANCE TEST ENGINE ERASE FAIL CODES RECALIBRATE PCM TO LATEST UPDATE CL3A 12A650 AXG
527	CHECK DTC'S and REPROGRAM PCM AS PER TSB 12 6 4
528	EEC TEST, CODE P0299, PERFORM TSB 12 6 4. INSTALL AIR DEFLECTOR and REFLASH PCM WITH UPDATE.
529	AS PER TSB AND INSTALLED CAC AIR DEFLECTOR and REPLACED LEFT CAT RE TESTED OK
530	WARRANTY, TEST DROVE FOUND ENGINE IS MISS FIRING. DIAGNOSED P0301 MISS FIRE. FOUND THE #1 COIL IS ARCHING ON TO THE SPARK PLUG, IT HAS ARCH MARKS DOWN THE SIDE OF THE
531	PERFORMED TSB 12 6 4 INSTALL CONVERTOR and DEFLECTOR
532	6434 PCM UPDATE REPROGRAMMED PCM TO LATEST CALIBRATION 9025
533	SET UP ON IDS, SELF TEST, P0306 IN MEMORY. INSPECT PER TSB 12 06 04, SHIELD IS IN PLACE. REPROGRAM PCM and RELEASE VEHICLE
534	ROAD TESTED NOT CONFIRMED SCANNED FOR CODES FOUND CODES P0430 CHECK OASIS FOUND TSB 12 6 4 REPLACING CAT DOES NOT APPLY INSTALLED DEFLECTOR and REPROGRAMMED PCM
535	TEST DROVE, RAN EEC SYSTEM TESTS, PERFORMED TSB NO 12 6 4, REPROGRAMMED PCM and R&R LEFT BANK CAT CONVERTER. DROVE TO VERIFY REPAIR. WPI
536	VERIFIED CONCERN CHECKED CODES P0300 P0306 INSTALLED CAC DEFLECTOR; SHIELD and REPROGRAMMED PCM PER TECHNICAL BULLETIN 120604
537	CHECK ENGINE LIGHT IS ON, SELF TEST TO REMOVE CODES, REFER TO TSB 12 6 4 REFLASHED PCM and INSTALLED AIR DEFLECTOR TO REPAIR, RETEST OK
538	CHECK DTC'S, REPROGRAM PCM, DEFLECTOR PLATE ALREADY INSTALLED PER TSB 12 06 04
539	DIAGNOSED and REPLACED INTERCOOLER DEFLECTOR and REPROGRAMMED PCM
540	TEST DROVE, KOEO PASS, KOER PASS, PERFORMED TSB 12 6 04 REPROGRAMMED PCM RETEST OK .5HR
541	CONFIRMED ON TEST DRIVE, DIAG, NO CODES, CONTACT HOTLINE #105480366, WAS ADVISED TO PERFORM TSB 12 06 04 REPROGRAM PCM, RETEST and OK AT THIS TIME
542	PERFORM EEC TEST, NO CODES, CHECK OASIS, INSTALLED CHARGE AIR COOLER DEFLECTOR and REFLASHED PCM TO LATEST CALIBRATION RETEST OK
543	WARRANTY VERIFY CONCERN EEC TEST CODES P0300, P0304, P0305, P0306 CHECK OASIS TSB 12 6 4 REPROGRAMMED PCM AS PER TSB CLEAR CODES RETEST ALL OK WPI
544	VERIFIED CEL ON, CHECKED DTCS P0305; P0306; P0300, CHECKED OASIS FOUND TSB 12 6 4. FOLLOWED and REPROGRAMMED PCM. CLEARED DTCS OK NOW. >
545	INSPT CAUSE OF MISFIRE, CHK DTC CODE P0300 P0304 P0305 P0306 PRESENT, CHK OASIS FOR KNOWN CONCERN, REPROGRAM PCM AS PER TSB 12 6 4, CLEAR CODES and RELEASE VEHICLE
546	TEST SYSTEM WITH IDS RECEIVED CODES PASS KOEO AND KOER CHECK FOR AIR CHARGE DEFLECTOR REPROGRAM PCM PER TSB 120604 ROAD TEST
547	TEST DROVE SEVERAL MILES VERIFIED CONCERN, CODE TEST, NO CODES STORED, RAN OASIS FOUND SEVERAL TSB'S BUT THEY ALL SAY THERE SHOULD BE CODES and RUNABILITY CONCERN

	S	T	U	V	W	X	Y
498	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
499	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
500	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	0.5
501	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
502	F05 - Veh. Engineering	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.5
503	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
504	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
505	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
506	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
507	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
508	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
509	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
510	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
511	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
512	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
513	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
514	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
515	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
516	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
517	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
518	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
519	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
520	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
521	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
522	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.5
523	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
524	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	0.5
525	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
526	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
527	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
528	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
529	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
530	F04 - Powertrain	2B02 - Ignition Coil	BL3Z	12029 - Coil Asy-Ignition	C	42 - Does Not Operate Properly	0.9
531	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
532	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
533	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
534	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
535	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
536	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
537	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
538	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
539	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
540	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
541	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	42 - Does Not Operate Properly	0.5
542	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
543	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
544	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
545	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
546	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
547	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
498	\$53	\$0	\$53	6152221	B4008	Melody Motors Ltd	306	7522887	SK	Canada	NA	4B4008	E84	Canada	@
499	\$50	\$0	\$50	213887C	7997	Mall of Georgia Ford	770	9324060	GA	USA	NA	121441	S07	USA	
500	\$38	\$446	\$484	079953A	368	City Motors of Cartersville,	770	3825780	GA	USA	NA	121424	S07	USA	@
501	\$48	\$11	\$59	101580A	1758	Krug Ford	517	5462250	MI	USA	NA	148513	S07	USA	@
502	\$43	\$10	\$54	37786001	9137	Sarat Ford Lincoln	413	7860430	MA	USA	NA	111060	S07	USA	@
503	\$41	\$0	\$41	22911	9619	Mel Ervin Ford, Inc.	989	8453033	MI	USA	NA	148528	E84	USA	@
504	\$49	\$11	\$60	129790A	10093	Bayway Lincoln	281	9296500	TX	USA	NA	152032	S07	USA	@
505	\$56	\$0	\$56	13233402	B7215	Ken Evans Ford Sales Ltd.	250	7485555	BC	Canada	NA	4B7215	1	Canada	
506	\$39	\$11	\$50	428501	8166	Billy Wood Ford	318	9925570	LA	USA	NA	123240	S07	USA	@
507	\$94	\$18	\$65	15407301	9757	Luther Family Ford	701	2822350	ND	USA	NA	158600	S07	USA	@
508	\$45	\$0	\$45	025950A	8734	Rapid Ford	218	3260551	MN	USA	NA	171105	S07	USA	@
509	\$41	\$10	\$51	1000102	9077	Wilson Ford Lincoln	435	7527355	UT	USA	NA	158521	2	USA	
510	\$52	\$0	\$52	124200A	11618	Parks Ford Lincoln of Gainesvi	352	3724251	FL	USA	NA	124476	S07	USA	@
511	\$56	\$15	\$70	188763A	B7199	Terrace Totem Ford Sales Ltd	250	6354984	BC	Canada	NA	4B7009	2	Canada	@
512	\$50	\$0	\$50	644678A	11645	Parks Lincoln of Tampa	813	9336751	FL	USA	NA	124408	S07	USA	@
513	\$38	\$0	\$38	15319901	2313	Weber-Harris Ford, Inc.	814	3363166	PA	USA	NA	144042	S07	USA	
514	\$44	\$0	\$44	058412A	4865	Desoto Auto Mall	863	4944848	FL	USA	NA	124408	S07	USA	@
515	\$50	\$0	\$50	358668A	2697	Elder Ford	248	5854000	MI	USA	NA	148013	S07	USA	@
516	\$51	\$75	\$126	21958903	8701	Hudson Ford, LLC	715	3862334	WI	USA	NA	158437	S07	USA	
517	\$48	\$10	\$58	10063001	3965	Benna Ford Superior	715	3922268	WI	USA	NA	158401	S07	USA	@
518	\$57	\$0	\$57	24912501	A6792	M G M Ford Lincoln Sales Ltd.	403	3466621	AB	Canada	NA	4B6050	2	Canada	
519	\$86	\$301	\$387	43018301	9193	Crain Ford Jacksonville	501	9825848	AR	USA	NA	172729	S07	USA	@
520	\$39	\$0	\$39	116101	8116	Wright Automotive, Inc.	217	5323921	IL	USA	NA	153212	S07	USA	@
521	\$86	\$301	\$387	54164901	1691	Long-Lewis Ford Lincoln	256	3867800	AL	USA	NA	121111	S07	USA	@
522	\$40	\$0	\$40	041470A	5168	Superior Ford, Inc.	479	5246468	AR	USA	NA	123641	S07	USA	
523	\$43	\$0	\$43	180694A	4886	Garber Ford, Inc.	904	2843023	FL	USA	NA	124226	S07	USA	
524	\$53	\$411	\$464	1663151	2865	Ford of Ocala, Lincoln of Ocal	352	7324800	FL	USA	NA	124226	S07	USA	
525	\$55	\$0	\$55	68696001	1009	Kendall Ford of Wasilla	907	3765656	AK	USA	NA	174548	S07	USA	
526	\$40	\$0	\$40	397801	9688	Broadwater Ford	406	2665207	MT	USA	NA	174659	S07	USA	@
527	\$41	\$0	\$41	210072A	6529	Treadwell Ford	251	4783351	AL	USA	NA	124017	S07	USA	@
528	\$46	\$10	\$57	484351A	6042	Tomball Ford, Inc.	281	3513000	TX	USA	NA	152055	1	USA	
529	\$99	\$312	\$411	026780A	6996	Larry H. Miller Ford Lincoln P	801	2293600	UT	USA	NA	156556	S07	USA	@
530	\$89	\$64	\$153	026911A	6996	Larry H. Miller Ford Lincoln P	801	2293600	UT	USA	NA	156556	S07	USA	@
531	\$128	\$308	\$436	102305A	B6060	Maclin Ford Sales	403	2520101	AB	Canada	NA	4B6060	S07	Canada	@
532	\$30	\$0	\$30	185969A	B3225	Tusket Sales & Service Ltd	902	6482600	NS	Canada	NA	4B3225	2	Canada	@
533	\$46	\$0	\$46	258344A	3394	Holiday Ford	920	3229600	WI	USA	NA	141550	S07	USA	@
534	\$51	\$15	\$66	43623201	A4620	Capital Ford Lincoln Inc	306	5435410	SK	Canada	NA	4A4620	1	Canada	@
535	\$83	\$293	\$376	2980204	6503	Hixson Autoplex	318	4480871	LA	USA	NA	123634	S07	USA	@
536	\$46	\$11	\$57	030329B	1281	Halderman Ford of Kutztown, Inc	610	6833553	PA	USA	NA	116469	S07	USA	@
537	\$42	\$15	\$57	13711901	B3230	Highland Ford Sales Limited	902	7528243	NS	Canada	NA	4B3230	2	Canada	@
538	\$43	\$0	\$43	1129501	1028	Satcher Motor Company	803	5933700	SC	USA	NA	121274	S07	USA	@
539	\$43	\$11	\$54	54034401	1691	Long-Lewis Ford Lincoln	256	3867800	AL	USA	NA	121111	S07	USA	@
540	\$40	\$0	\$40	347126B	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	S07	USA	@
541	\$37	\$0	\$37	3029501	9989	Mark Martin Ford	870	7934461	AR	USA	NA	123574	2	USA	
542	\$65	\$17	\$82	15074501	B6190	Boundary Ford Sales Ltd.	780	8727755	AB	Canada	NA	4B6220	2	Canada	
543	\$44	\$0	\$44	5166751	1025	Jones Ford, Inc.	843	7443311	SC	USA	NA	156225	S07	USA	@
544	\$61	\$0	\$61	925001	B6086	Windsor Motors 1975 Ltd.	780	5329550	AB	Canada	NA	4B6086	1	Canada	
545	\$43	\$0	\$43	3021201	B8187	Mt. Brydges Ford Sales Ltd.	519	2641912	ON	Canada	NA	4B8150	2	Canada	
546	\$45	\$0	\$45	138030D	3829	Ennis Ford, Inc.	972	8759067	TX	USA	NA	152010	S07	USA	@
547	\$52	\$13	\$65	728511A	8680	Bickford Motors, Inc.	360	5682122	WA	USA	NA	174540	S07	USA	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
548		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/17/12	03/22/12	06/08/12	7,319	3	1496374
549		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/26/12	03/02/12	06/13/12	10,346	4	1320261
550	1	2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/23/12	03/01/12	06/12/12	4,943	4	1306911
551	2	2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/23/12	03/01/12	06/12/12	4,943	4	1336562
552		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/07/12	02/28/12	06/12/12	8,802	4	1310871
553		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/01/12	03/29/12	06/20/12	9,557	3	1479344
554	1	2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/12	04/07/12	06/01/12	4,206	2	1437322
555	2	2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/22/12	04/07/12	06/01/12	4,206	2	1437324
556		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/05/12	05/25/12	06/26/12	6,085	2	1477467
557		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/24/12	05/17/12	06/27/12	2,557	2	1490665
558		2012	IFTFWIET8CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/21/12	05/30/12	06/22/12	2,947	1	1436472
559		2012	IFTFWIET8CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/17/12	02/01/12	06/20/12	27,962	5	1399443
560		2012	IFTFWIET8CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/14/12	04/06/12	06/20/12	6,172	3	1497998
561		2012	IFTFWIET8CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/07/12	05/02/12	06/13/12	3,322	2	1368635
562		2012	IFTFWIET8CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/03/12	06/12/12	06/19/12	740	1	1407093
563		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/08/11	01/27/12	06/07/12	9,743	5	1317824
564		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/01/11	01/03/12	06/06/12	10,007	6	1309268
565		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/12/11	01/31/12	06/25/12	9,339	5	1457733
566		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/06/11	03/26/12	06/21/12	8,650	3	1438340
567		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/11/12	02/16/12	06/11/12	7,253	4	1333047
568		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/14/12	04/13/12	06/13/12	7,424	3	1319686
569		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/15/12	04/30/12	06/26/12	6,357	2	1456151
570		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	03/31/12	06/13/12	6,823	3	1484310
571		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	04/04/12	06/27/12	9,093	3	1494804
572		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/02/12	04/30/12	05/24/12	3,136	1	1399507
573		2012	IFTFWIET9CF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/26/12	05/25/12	06/04/12	640	1	1309345
574		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	11/25/11	12/31/11	06/18/12	10,872	6	1451687
575		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/12/12	04/05/12	06/14/12	10,708	3	1436335
576		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/30/12	02/13/12	06/11/12	4,851	4	1458107
577		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/27/12	03/21/12	06/26/12	8,037	4	1494956
578		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/19/12	03/31/12	06/28/12	3,489	3	1484177
579		2012	IFTFWIET9CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/23/12	06/08/12	06/12/12	572	1	1332881
580		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/07/11	05/11/12	06/12/12	6,800	2	1323449
581		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/15/11	01/26/12	06/06/12	5,487	5	1286105
582		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/21/11	01/09/12	06/27/12	5,317	6	1490095
583		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/07/11	01/03/12	06/16/12	5,637	6	1381198
584		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/19/12	03/10/12	06/09/12	3,512	4	1347646
585		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/12/12	04/27/12	06/21/12	4,691	2	1466847
586		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/12	03/02/12	06/18/12	4,281	4	1455653
587		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/13/12	03/24/12	06/15/12	7,482	3	1349179
588		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/23/12	03/20/12	06/06/12	9,174	3	1302895
589		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/21/12	03/16/12	06/13/12	6,946	3	1442366
590		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/28/12	03/28/12	06/18/12	6,895	3	1451144
591		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/04/12	04/07/12	06/21/12	2,956	3	1442692
592		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/27/12	03/13/12	06/13/12	3,270	4	1334007
593		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/16/12	03/30/12	06/11/12	3,557	3	1284460
594		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/06/12	06/01/12	06/08/12	539	1	1273004
595		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/26/12	05/07/12	06/21/12	8,876	2	1484020
596	1	2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/29/12	05/24/12	06/25/12	4,748	2	1471798
597	2	2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/29/12	05/24/12	06/28/12	4,889	2	1527922

	O	P
548	V29 - Check Engine Light	E29 - Check Engine Light Trouble
549	V29 - Check Engine Light	E29 - Check Engine Light Trouble
550	V52 - Driveability	D42 - Poor Performance/Lacks Power
551	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
552	V52 - Driveability	D42 - Poor Performance/Lacks Power
553	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
554	V52 - Driveability	D42 - Poor Performance/Lacks Power
555	V48 - Auto Trans	P66 - Shifts Rough or Jerky while Driving
556	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
557	V52 - Driveability	D53 - Other Engine Troubles - Driveability Related
558	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
559	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
560	V52 - Driveability	D41 - Engine Hesitates/Surges at Steady Speed
561	V29 - Check Engine Light	E29 - Check Engine Light Trouble
562	V52 - Driveability	D42 - Poor Performance/Lacks Power
563	V52 - Driveability	D42 - Poor Performance/Lacks Power
564	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
565	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
566	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
567	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
568	V29 - Check Engine Light	E29 - Check Engine Light Trouble
569	V48 - Auto Trans	P59 - Other Auto Trans Troubles
570	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
571	V29 - Check Engine Light	E29 - Check Engine Light Trouble
572	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
573	V29 - Check Engine Light	E29 - Check Engine Light Trouble
574	V52 - Driveability	D42 - Poor Performance/Lacks Power
575	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
576	V49 - Powertrain Good Sound and NVH	N12 - Unusual Engine Noise while Driving
577	V52 - Driveability	D42 - Poor Performance/Lacks Power
578	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
579	V29 - Check Engine Light	E29 - Check Engine Light Trouble
580	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
581	V29 - Check Engine Light	E29 - Check Engine Light Trouble
582	V52 - Driveability	D21 - Engine Stalls
583	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
584	V48 - Auto Trans	P69 - Gear Changes Take too Long to Complete
585	V29 - Check Engine Light	E29 - Check Engine Light Trouble
586	V29 - Check Engine Light	E29 - Check Engine Light Trouble
587	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
588	V29 - Check Engine Light	E29 - Check Engine Light Trouble
589	V29 - Check Engine Light	E29 - Check Engine Light Trouble
590	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
591	V52 - Driveability	D42 - Poor Performance/Lacks Power
592	V40 - Good Idle Quality	D13 - Engine Idles Rough
593	V29 - Check Engine Light	E29 - Check Engine Light Trouble
594	V52 - Driveability	D42 - Poor Performance/Lacks Power
595	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
596	V29 - Check Engine Light	E29 - Check Engine Light Trouble
597	V29 - Check Engine Light	E29 - Check Engine Light Trouble

Q	
548	CHECK ENGINE LIGHT ON
549	CHECK ENGINE LIGHT CAME ON, FLASHED, PO ORACCELERA TION, FROM A STOP. LIGHT IS NOW OFF ANDRUNS OK.
550	Customer States getting pore mpg and black soot around the exhaust
551	CUSTOMER STATES IS ONLY GETTING 10 MPG and AND HAS BLACK SOOT AROUND the exhaust
552	CUTS OUT ON ACCELERATION, WILL NOT WANT TO PASS.
553	CUSTOMER STATES THAT CHECK ENGINE IS ON
554	CHECK ENGINE FOR PROPER OPERATION HESITATES ON ACCEL AFTER LONG CRUISE
555	CHECK AUTOMATIC TRANS FOR OPERATION LEAKS. SHIFT SHUDDERS and SLOW TO BACK UP IN REVERSE
556	LUMIERE CHECK ENGINE A ALLUME HIER, LE VEHICULE HESITAIT ET LA LUMIERE CHECK ENGINE CLIGNOTAL CA DUREE ENVIRON 1HRES ET LE VEHICULE NE TIRAIT PAS, PAS DE TURBO.
557	CHK and ADV VEHICLE STARTS ROUGH and OCCASIONALLY SPUTTERS WHEN DRIVING. SOP PARTS IN STOCK
558	CUSTOMER STATES WHEN ACC BAD SHUDDER THAT CONTINUED FOR ABOUT 1/8 OF A MILE
559	JERKS AT HIGHWAY SPEEDS
560	
561	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON.
562	CHECK ENGINE LIGHT ON CUSTOMER PULLED OUT TO PASS TRUCK COUGHED and SPUTTERED LIGHT CAME ON and STAYED ON CUSTOMER NEVER TRIED TO PASS AGAIN
563	NO POWER, CHECKE ENGINE LIGHT ON BUT OUT NOW (D42)
564	CUST STATES HAS SURGE ON LIGHT ACCELL.
565	CUSTOMER STATES AT TIMES AS DRIVING ENGINE SEEMS TO SURGE SEE LATEST TSB
566	CUSTOMER STATES THAT AT LOW SPEEDS THE VEHICLE GETS REALLY JERKY UNDER LIGHT ACCELERATION and HAVE IRRACTIC SHIFTS.
567	ENGINE MECHANICAL RYAN MONETTE 12 F150 ECOBOOST CUSTOMER STATES HESITATES and CHUGS ON HWYAT HI SPEED ENGINE LIGHT CAME ON and WASFLASHING, CUSTOMER STATED
568	CK ENGINE LIGHT ON WHEN YOU GO TO ACCEL HIGHWAY SPEEDS 70 75MPH HARD ACCEL TRUCK BOGGS DOWN
569	CUST STATES TRANS HAS ERRATIC DOWN SHIFT ANDVEHICLE SHUDDERS MIL COMES ON
570	CUST STATES THAT CK ENGINE LIGHT IS ON
571	CHECK DRIVABILITY ISSUE CUSTOMER STATES CHECK ENGINE LIGHT IS ON and WHEN ACCELERATION ITSSKIPPING and MISSING.
572	HARD UPP SHIFT FROM 3 4 5 ALSO HAS SHUTTER IN DR LINE
573	CK ENGINE LIGHT ON
574	CUT OUT ON HIGHWAY, CHECK FOR ANY POSSA BLEUPDATES
575	TRUCK WILL WHILE DRIVING SHAKE and VIBRATE IRRATICLY
576	CUSTOMER STATES WHN GOING UP A HILL UNDER A LOAD ONLY THAT TURBO STARTS TO MAKE A NOISE SOUNDS LIKE A CARD IN WHEEL SPOKES ALSO STATES CAN HEAR IT SOME IF TRY TO
577	CUUSTOMER STATES GETTING READKY TO ACCLERATE FALLS ON ITS FACE and GOES INTO LIMP MODE. SEE HISTORY (CODE D42)
578	CUSTOMER STATES CHECK ERRATIC TRANSMISSIOIN SHIFT POINTS ADTER DRIVING EXTENDED MILEAGE,
579	TEMOIN DANOMALIE ALLUMEE LUMIERE CHECK ENGINE ALLUME >
580	CK FOR ENGINE MISS ON ACCELERATION AT HIGHWAY SPEEDS
581	CUSTOMER STATES THE CHECK ENGINE LIGHT ISON
582	QUAND ON ROULE MOINS DE 50 KMS HRES ET QUE L ON VEUX ACCELER ER QUAND ON PESE SUR LE GAS LE MOTEUR CALE MOMEMTANEMENT ET MANQUE DE FORCE ET REPREND EN FORC
583	C/S ENG HAS A SURG IN IT AT TIMES
584	CHECK SEEMS TO SHIFT HARD STUMBLE
585	DIAG CHECK ENGINE LIGHT ON
586	C S CHECK ENGINE LIGHT IS ON,AT TIMES ENGINE HAS NO POWER WHEN ACCELERATING AFTER DRIVING AWHILE.REMOTE START WONT WOR
587	VEHICLE WAS CHUGGING WHEN TRYING TO PASS A VEHICLE
588	MALFUNCTION INDICATOR LAMP ON DASH COMING ON STAYNG ON WHILE DRIVING EXIBITTS STUMBLE SENSATION DURING SPEED INCREASE ACCELERATION WHILE DRIVING APROX 80KM H
589	C S CHECK ENG LIGHT IS ON WHEN ACCL HARD WHILE PULLING A TRAILER IT LOOSES POWER LET OFF ACCL and TRY AGAIN ITS FINE
590	CHECK FOR HESITATION OR STUMBLE ON ACCE LLERATION.
591	RESET COMPUTER. ECOBOOST SEEMS TO BE UN DERPERFORM ENG
592	ENGINE CUSTOMER REPORTS THE ENGINE BOGGED DOWN HE THOUGHT THE ENGINE WAS GOING TO SHUT OFF
593	CHECK ENGINE LITE ON >
594	CS VEHICLE IS RUNNING ROUGH WORSE UNDER LOAD. WAS AT ANOTHER DEALER HAD 3 MISFIRE CODES.
595	C S AFTER LONG CRUISE VEHICLE WILL START TO RUN ROUGH WHEN PULLING OFF HIGHWAY OR WHEN ACCELERATING FROM CRUISE.
596	E29 CUST STATES VEHICLE HAS NO POWER ON ACCEL and SHAKES WHEN SHIFTING CK ENGINE LIGHT ON
597	E29 CUST STATES CHECK ENGINE LIGHT IS O N

	R
548	QUICK TEST, P0430, PERFORM TSB 12 6 4. REPLACED LEFT CATALYTIC CONVERTER, INSTALL DEFLECTOR and REPROGRAM PCM, TEST DRIVE GOOD, PASS
549	IDS TEST, NO CODES IN SYSTEM, CHECK MODE 6 DATA, NO EVIDENCE OF MISFIRE BUT TSB 12 6 4 RELATES TO CUSTOMER CONCERNS, NEC TO FOR AIR DEFLECTOR WHICH IT HAS, NEC TO REFL
550	found tsb 12 6 4 preform tsb 12 6 4 and reprogram pcm for black soot concern
551	TEST DROVE TRK FOUND TRK GETTING 19.7 MPG ON DASH and ON IDS CK FOR CODES and DID SELF TEST NONE WAS FOUND RAN OASIS and FOUND TSB 12 6 4 will preform tsb on line 3
552	FOUND ENGINE CUTTING OUT UNDER ACC RAN SELF TEST NO DTC FOUND TSB 12 6 4 REPROGRAM PCM
553	EEC TEST CODE P0300 P0304 P0305 P0306 PERFORMED TSB 12 6 4 CALIBRATION UPDATE INSTALLED SHIELD
554	PERFORM TSB 12 06 04 LABOR OP120604A REPROGRAM PCM and INSTALL DEFLECTOR
555	VERIFY CONCERN P0756, P2701, SSM22243 REPLACE SHIFT SOLENOID B and MAINFRAME, REFILL TRANS, COMPLETE ADAPTIVE DRIVE CYCLE AFTER CLEARING MEMORY
556	VERIFIER CMDTC P0300 P0305 P0306 P0430 Verifier PIDs + skip OK Verifier oasis TSB 12 6 4 Reprogrammer PCM selon TSB et client va aller a Quebec pour commander piece du TSB car pas de la region Roa
557	INSTALLED AIR DEFLECTOR ONTO CHARGE AIR COOLER TO COMPLETE THE T.S.B.# 12 06 04 THAT WAS PERFORMED BY ANOTHER TECH ON PREVIOUS RO# 447478, JUNE 19/12. 3480 KMS. PCM I
558	VERIFIED THE CONCERN. PER TSB 12 06 04, CHECKED FOR STORED CODES, NONE PRESENT. CHECKED FOR CHARGE AIR COOLER DEFLECTOR PLATE. IT IS IN PLACE. REPROGRAMMED THE POV
559	PERFORMED TSB 12 6 4 PCM REPROGRAM
560	VEHICLE IS RUNNING FINE AT THIS TIME. NO ISSUES WITH CYLINDERS DROPPING OUT. CHECKED FOR CODES NONE FOUND. FOUND TSB 12 6 4. PCM PROGRAM.
561	TSB 12 06 04 DIAG. CODE P0430 STORED. FOLLOW TSB 12 06 04. REPLACED LEFT CATALYTIC CONVERTOR and REPROGRAM PCM. AIR DEFLECTOR FOR CHARGE AIR COOLER IS ON BACKORDER
562	SCANNED FOR CODES P0300 MISFIRE P0304 #4 P0305 #5 P0306 #6 PERFORMED POWER BALANCE WORKING FINE CHECKED THE GROUND ON THE COILS, TIGHT and CLEAN CONNECTION CHE
563	TEST FOR CODES CHECKED OASIS FOR MESSAGES TSB 12 6 4 UP DATE POWER TRAIN CONTROL MODULE WITH LATEST PROGRAMING(42)
564	CHECKED OUT and OFUND TSB 12 06 04. REFLASHED PCM PER TSB. ALL OK NOW.
565	VERIFIED SURGE AT IDLE. FOUND TSB 12 6 4. INSTALLE D DEFLECTOR PLATE and REPROGRAMMED PCM.
566	ROAD TEST TO CONFIRM. RAN OASIS and FOUND TSB 12 6 4 WHICH COVERS CONCERNS FOR LINES #1 and #2. IDS KOEO PASS. REPROGRAM PCM and TCM. RE TEST OK. CUSTOMER NEEDS TO DR
567	CHECKED FOR TSBS FOUND 12 6 4. NO CODES STORED IN MEMORY. PERFORMED TSB 12 6 4. ROAD TESTED OK
568	VERIFIED CONCERN, CODES P0302, P0306. FOUND TSB# 12 6 4 FOR THIS CONCERN REPROGRAMMED PCM PER TSB 12 6 4. RETESTED OK
569	ROAD TEST TRUCK NOT SHIFTING PROPERLY, PERFORME EEC TEST, CODES P0300 P0301 P0304 P0305 P0306, SEARCH OASIS FOUND TSB 12 6 4 VERIFY BUILD DATE, MIL ON, VARIOUS DTC CODES &
570	VERIFIED CONCERN INSPECTED RETRIEVED CODES P0304 P0305 P0306 REFERRED TSB 12 6 4 INSTALL CAC DEFLECTOR. ADN REPROGRAMED PCM ROAD TESTED CLEARED DTCS
571	PERFORMED DIAGNOSIS. REPLACED CONVERTER PER TSB 12 06 04
572	SELF TEST CODE P0430 PINPOINT TEST LEADS TO TSB 12 10 REMOVED and REPLACED LEFT CAT CONVERTER and REPLACED CLEARED CODES TESTED GOOD AT THIS TIME VERIFY CONCERN FC
573	THIS VEHICLE WAS TOWED IN WITH A LACK OF POWER DTC'S REVEALED A P0304 PER BULLET POINT 3 OF TSB 12 6 4 CUSTOMER WAS TRAVELING and WE REPROGRAMMED THE PCM PER TSB
574	CHECKED and FOUND TSB 12 6 4. REPROGRAM MED PCM, ORDERED AIR DEFLECTOR. 9005
575	TEST DROVE, VERIFY CONCERN PERFORM TSB 120604A, INS TALL SHIELD and REPROGRAM PCM, RETEST, R DRIVE, OKAY
576	COND CODE 42 (6K775) 12A650. UN ABLE TO VERIFY CONCERN AT THIS TIME. RUN OASIS and CONTACT HOT LINE FOR ASSISTANCE HOT LINE RE COMMENDED TO PERFORM TSB # 12 06 04 CHECK
577	VERIFY SELF TEST. P0306. RUN OASIS PER TSB 12 6 4. REPROGRAMMEING PCM and INSPECT FOR CAC CONWL CLEAR CODES ROAD TEST CONFIRM REPAIR.
578	3496 TSB 122 6 4 VERIFIED CONCERN, FOUND VEHICLE IS NOT SHIFTING ERRATIC BUT IS ACTUALLY MISFIRING ON ACCELERATIONS AFTER DRIVING AWHILE. RAN OASIS and FOUND TSB 12 6 4 TO
579	FAIT PROCEDURE SELON BT PROGRAMMATION SEULEMENT >
580	PERFORMED DIAGNOSIS. UPDATED PCM TO LATEST CALIBRATION LEVEL PER TSB 12 06 04
581	VERIFIED CUSTOMER CONCERN FOUND TSB 12 6 4 REPLACED LEFT CAT CONVERTER REPROGRAMMED PCM RECHECKED OK
582	REPROGRAMMER PCM SELON TSB 12 6 4
583	REPROGRM PCM PER TSB 12 6 4
584	TEST DRIVE DID NOT VERIFY EEC TEST NO CODES CK OASIS FOUND TSB 12 6 4 REPROGRAMMED PCM RETEST DRIVE OK
585	DIAG CHECK ENGINE LIGHT ON, PULLED CODES and CHECKED OASIS. PERFORMED TSB 12 06 04 and RETEST. VEHICLE OPERATES AS DESIGNED
586	CALIBRATION RE CALIBRATE PCM
587	RUN QUICK TEST P0306 PERFORM TSB 12 6 4 REPROGRAM PCM
588	ROAD TEST TO VERIFY SCAN DATA FOUND P0300 P0305 P0206 STORED SUBMIT FOR SSM TSB INFO FOUND 120604 PROVIDING SOFTWARE CALIBRATION CHANGE FOR THIS CONCERN COMPLETE
589	VERIFIED COMPLAINT. PCM SELF TEST RETRIEVED P0430 and P2610, TSB 12 6 4 INSPECT FOR PRESENCE OF AIR DEFLECTOR ON CHARGE AIR COOLER. REPALCE LEFT SIDE CONVERTOR, INSTALL
590	DTC'S, CHECK FOR DEFLECTOR PLATE and REPROGRAM PCM and TCM TO LATEST LEVEL. 120604A .5 HRS
591	PERFORMED STEPS OUTLINED IN TSB 12 06 04. THERE ARE NO DTC'S STORED IN THE PCM. THERE IS A DEFLECTOR SHIELD ON THE CAC. REPROGRAMMED THE PCM TO THE LATEST CALIBRAT
592	PERFORM TSB 12 6 4. REPROGRAM PCM PER TSB.
593	EEC CHECKED and RETRIEVED DTC P0300; P0304; P0306; P030X; P2122; P2727; P2128. UPDATED PCM FOR DTC AS PER TSB 12 6 4 >
594	VERIFIED CONCERN FOUND CODE P0304 0306 CHECKED FOR TSB S 12 06 04 REPROGRAM PERFORMED TSB 12 06 04A AS NEEDED REPROGRAMED PCM DEFLECTOR PLATE NOT INSTALLED CUS
595	PERFORM TSB 12 6 4. NO DTC'S. INSTALL DEFLECTOR PLATE and RETST OK AT THIS TIME.
596	INSTALL IDS P0304 P0305 P0306 RUN TESTS RECAL PCMPER TSB and INSTALL DEFLECTOR RETEST OK AT THISTIEM
597	INSTALL IDS P0430 INSTALL CAT PER TSB PCM UPDATED AND DEFLECTOR IN PLACE

	S	T	U	V	W	X	Y
548	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
549	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
550	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
551	F04 - Powertrain	2G04 - Diagnostics	*	DIAG - Diagnosis	*	82 - Freight/Postage/Maintenance	0.5
552	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
553	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
554	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
555	F04 - Powertrain	3A15 - Electronic Components Parts	AL3Z	7G276 - Bulkhead Asy (Wiring Connector)	A	42 - Does Not Operate Properly	3.9
556	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
557	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
558	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
559	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
560	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
561	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
562	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
563	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
564	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
565	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
566	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
567	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
568	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
569	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
570	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
571	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
572	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
573	F04 - Powertrain	2G01 - Elec Engine Control Module	*	12A650 - Processor Asy	*	42 - Does Not Operate Properly	0.5
574	F04 - Powertrain	2G05 - Recalibrations	*	RECAL - ECC Processor Recal	*	12 - Improper Assembly	0.5
575	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
576	F05 - Veh. Engineering	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
577	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
578	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
579	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
580	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
581	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	1.0
582	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
583	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
584	F04 - Powertrain	4C03 - Catalytic Converter	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.0
585	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
586	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	0.5
587	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
588	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
589	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	42 - Does Not Operate Properly	1.0
590	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
591	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
592	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
593	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
594	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
595	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
596	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
597	F04 - Powertrain	4C03 - Catalytic Converter	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0



	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
548	\$89	\$312	\$401	132698A	6975	Waxahachie Ford	972	9380444	TX	USA	NA	152011	S07	USA	
549	\$51	\$0	\$51	089219A	818	Tom Peck Ford of Huntley, Inc.	847	6696060	IL	USA	NA	141425	S07	USA	
550	\$41	\$0	\$41	911033	3373	Jensen, Inc.	641	7535501	IA	USA	NA	153544	S07	USA	
551	\$41	\$0	\$41	911031	3373	Jensen, Inc.	641	7535501	IA	USA	NA	153544	2	USA	
552	\$37	\$0	\$37	42641404	8128	Baldwin Ford-Lincoln, Inc.	573	7856484	MO	USA	NA	123243	S07	USA	@
553	\$36	\$11	\$47	19699501	1699	Woolwine Ford Lincoln, Inc.	601	7654461	MS	USA	NA	123453	S07	USA	@
554	\$47	\$12	\$58	22123403	1852	Barile Ford, Inc.	219	4643523	IN	USA	NA	141404	S07	USA	
555	\$366	\$285	\$650	22123401	1852	Barile Ford, Inc.	219	4643523	IN	USA	NA	141404	S07	USA	
556	\$53	\$0	\$53	11000401	B2447	Val Estrie Ford Lincoln	819	5634466	QC	Canada	NA	4B2425	2	Canada	@
557	\$60	\$14	\$74	447955A	B6080	Metro Ford Sales Limited	403	2634530	AB	Canada	NA	4B6080	1	Canada	@
558	\$45	\$0	\$45	807828A	662	Motor Mile Ford	540	3822981	VA	USA	NA	127505	S07	USA	@
559	\$37	\$0	\$37	9611001	6086	Kirk Auto Company	662	2263632	MS	USA	NA	116710	S07	USA	@
560	\$41	\$13	\$54	2614301	9523	Northern Motor Company	906	86130	MI	USA	NA	141614	S07	USA	@
561	\$88	\$301	\$388	016566A	8146	Performance Ford	402	8966000	NE	USA	NA	153022	S07	USA	@
562	\$59	\$14	\$72	13339901	B4611	Discovery Ford Sales Ltd.	306	6822652	SK	Canada	NA	4A4802	2	Canada	@
563	\$37	\$0	\$37	19408804	A3231	Riverview Ford Lincoln Sales L.	506	4530400	NB	Canada	NA	4A3231	1	Canada	
564	\$37	\$0	\$37	9065701	5757	Alton Blakley Ford	606	6785181	KY	USA	NA	147616	S07	USA	@
565	\$40	\$11	\$51	192038A	7495	Moon Township Ford	412	2642360	PA	USA	NA	144022	S07	USA	
566	\$50	\$0	\$50	30879201	3168	Loveland Ford Lincoln, Inc.	970	6672220	CO	USA	NA	156453	S07	USA	
567	\$52	\$0	\$52	107418A	B4016	Terry Ortynsky Royal Ford Sale	306	7822261	SK	Canada	NA	4B4796	2	Canada	
568	\$56	\$0	\$56	84885601	48	Ted Britt Ford Sales, Inc.	703	5918484	VA	USA	NA	127464	S07	USA	@
569	\$53	\$0	\$53	118385A	4989	Plantation Ford	954	5842400	FL	USA	NA	124010	S07	USA	
570	\$43	\$11	\$53	536212B	9735	Mike Patton Ford Lincoln	706	8821401	GA	USA	NA	121564	S07	USA	
571	\$100	\$344	\$444	3248101	4798	Weikert Ford Inc	863	6767944	FL	USA	NA	124493	S07	USA	@
572	\$81	\$405	\$486	183774A	6294	Hill Automotive, Inc.	608	7427141	WI	USA	NA	141161	S07	USA	
573	\$33	\$0	\$33	162711	5901	Davis Ford Sales, Inc.	662	8623711	MS	USA	NA	123205	S07	USA	
574	\$30	\$0	\$30	186309C	B3225	Tusket Sales & Service Ltd	902	6482600	NS	Canada	NA	4B3225	1	Canada	
575	\$50	\$11	\$61	341197A	478	Wade Ford, Inc.	770	4361200	GA	USA	NA	121004	S07	USA	@
576	\$49	\$0	\$49	061550A	7944	Mullahey Ford	805	4813673	CA	USA	NA	171474	S07	USA	
577	\$44	\$0	\$74	24334201	4921	Bozard Ford-Lincoln	904	8241641	FL	USA	NA	124413	S07	USA	@
578	\$43	\$0	\$43	552071A	9480	Eide Ford Lincoln	701	2223500	ND	USA	NA	158487	S07	USA	@
579	\$34	\$0	\$34	1414501	B2717	Gerard Hubert Auto Ltee	819	4402266	QC	Canada	NA	4B2498	2	Canada	@
580	\$50	\$0	\$50	3219902	4798	Weikert Ford Inc	863	6767944	FL	USA	NA	124493	S07	USA	@
581	\$77	\$316	\$394	340050B	1056	Family Ford-Lincoln	740	3733431	OH	USA	NA	144521	S07	USA	
582	\$53	\$0	\$53	11009701	B2447	Val Estrie Ford Lincoln	819	5634466	QC	Canada	NA	4B2447	1	Canada	@
583	\$40	\$0	\$40	346970A	1075	Ken Wilson Ford Inc	828	6482313	NC	USA	NA	121680	S07	USA	@
584	\$0	\$0	\$0	24946603	645	Shepard Bros., Inc.	585	3941000	NY	USA	NA	113557	S07	USA	@
585	\$44	\$0	\$44	311063A	1771	Billingsley Ford Lincoln of La	580	5363325	OK	USA	NA	152603	S07	USA	
586	\$39	\$301	\$340	3776801	4405	Commercial Motor Company	361	7585361	TX	USA	NA	152132	S07	USA	@
587	\$41	\$0	\$41	1199201	2799	Bill Summers Ford, L.L.C.	308	5322500	NE	USA	NA	153507	S07	USA	
588	\$51	\$0	\$51	7348601	B6244	High River Ford Sales Inc	403	6522134	AB	Canada	NA	4B6244	2	Canada	
589	\$88	\$313	\$401	11557801	9407	David Self Ford, Inc.	409	8833581	TX	USA	NA	152754	S07	USA	
590	\$65	\$0	\$65	533906D	A6040	Universal Ford Lincoln Sales L.	403	2912800	AB	Canada	NA	4A6040	1	Canada	
591	\$46	\$0	\$46	353979D	9956	Eau Claire Ford Lincoln	715	8342056	WI	USA	NA	158407	S07	USA	@
592	\$46	\$0	\$46	55821003	72	Keystone Ford	717	2645104	PA	USA	NA	127523	S07	USA	@
593	\$54	\$0	\$54	61101201	B6047	Lamb Ford Sales Ltd	780	6722411	AB	Canada	NA	4B4608	2	Canada	@
594	\$43	\$0	\$43	29051701	4044	Tallahassee Ford Lincoln	850	8771171	FL	USA	NA	124203	S07	USA	@
595	\$46	\$11	\$57	28491904	9151	Huntersville Ford	704	8756547	NC	USA	NA	121655	S07	USA	@
596	\$50	\$15	\$66	096370A	9699	Mullinax Ford	386	4289094	FL	USA	NA	124535	S07	USA	@
597	\$101	\$419	\$519	096482A	9699	Mullinax Ford	386	4289094	FL	USA	NA	124535	S07	USA	@

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
598		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/24/12	05/23/12	06/26/12	1,337	2	1494991
599		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/03/12	06/08/12	06/11/12	219	1	1441680
600		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/12/12	02/11/12	06/25/12	8,265	5	1454272
601		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/08/12	02/23/12	06/13/12	9,469	4	1347464
602		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/15/12	04/17/12	06/20/12	5,772	3	1494795
603		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/25/12	05/28/12	06/18/12	795	1	1419825
604		2012	IFTFWIETXCF	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	05/17/12		06/11/12	307	(1)	1480442
605		2012	IFTFX1CT3CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	11/09/11	05/04/12	06/11/12	4,451	2	1308091
606		2012	IFTFX1CT3CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/02/12	04/23/12	06/11/12	4,305	2	1452943
607		2012	IFTFX1CT4CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/20/12	03/02/12	06/22/12	7,630	4	1421540
608		2012	IFTFX1CT6CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/23/11	01/21/12	06/07/12	2,630	5	1412337
609		2012	IFTFX1CT7CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/26/12	03/05/12	06/11/12	5,198	4	1397159
610		2012	IFTFX1CT9CF	F150	Super Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/27/12	06/02/12	06/12/12	2,413	1	1398339
611		2012	IFTFX1ET0CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/03/12	02/07/12	06/26/12	28,724	5	1493197
612		2012	IFTFX1ET0CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/30/12	02/11/12	06/15/12	3,740	5	1396116
613		2012	IFTFX1ET1CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/10/11	01/03/12	06/11/12	3,195	6	1302981
614		2012	IFTFX1ET1CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/27/12	04/21/12	06/15/12	3,372	2	1382220
615		2012	IFTFX1ET2CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/27/12	04/06/12	06/01/12	2,421	2	1310426
616		2012	IFTFX1ET2CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/26/12	04/12/12	06/15/12	6,103	3	1459613
617		2012	IFTFX1ET3CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/09/12	03/09/12	06/28/12	7,714	4	1477593
618		2012	IFTFX1ET3CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/01/12	03/29/12	06/12/12	11,370	3	1495773
619	1	2012	IFTFX1ET4CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/13/11	01/11/12	06/07/12	4,658	5	1381939
620	2	2012	IFTFX1ET4CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	12/13/11	01/11/12	07/02/12	4,729	6	1588202
621		2012	IFTFX1ET5CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/04/12	01/18/12	06/18/12	6,558	6	1481565
622		2012	IFTFX1ET5CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/19/12	03/31/12	06/25/12	5,495	3	1492299
623		2012	IFTFX1ET5CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/01/12	05/15/12	06/11/12	1,973	1	1413643
624		2012	IFTFX1ET6CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	01/30/12	06/14/12	3,663	5	1457029
625		2012	IFTFX1ET6CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	05/18/12		06/12/12	15	(1)	1451832
626		2012	IFTFX1ET7CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/18/12	03/19/12	05/29/12	10,493	3	1422049
627		2012	IFTFX1ET7CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	03/01/12	05/19/12	06/04/12	1,523	1	1441667
628		2012	IFTFX1ET8CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	03/03/12	06/26/12	4,608	4	1467574
629		2012	IFTFX1ET8CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	04/03/12	04/13/12	06/13/12	10,455	3	1319647
630	1	2012	IFTFX1ET8CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/24/12	03/13/12	06/09/12	15,192	3	1381261
631	2	2012	IFTFX1ET8CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	02/24/12	03/13/12	06/26/12	18,719	4	1506376
632		2012	IFTFX1ET9CF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	02/06/12	02/21/12	06/11/12	9,626	4	1304372
633		2012	IFTFX1ETXCF	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Dearborn, Mi	01/13/12	01/31/12	06/13/12	10,749	5	1496676
634		2012	IFTPF1CT1CK	F150	Reg Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/20/12	06/02/12	06/07/12	15	1	1352562
635		2012	IFTPF1CT8CK	F150	Reg Cab	RWD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	04/20/12	06/02/12	06/07/12	16	1	1339845
636		2012	IFTVW1ET3CK	F150	Crew Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/30/12	04/24/12	06/14/12	3,376	2	1420132
637		2012	IFTVX1ET3CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	03/08/12	04/19/12	06/21/12	4,445	3	1477682
638		2012	IFTVX1ET6CK	F150	Super Cab	4WD LH	T/C3 - AT 6-Sp 6R80	Kansas City, Mo	01/09/12	01/31/12	06/12/12	12,242	5	1332134

	O	P
598	V29 - Check Engine Light	E29 - Check Engine Light Trouble
599	V29 - Check Engine Light	E29 - Check Engine Light Trouble
600	V29 - Check Engine Light	E29 - Check Engine Light Trouble
601	V29 - Check Engine Light	E29 - Check Engine Light Trouble
602	V29 - Check Engine Light	E29 - Check Engine Light Trouble
603	V52 - Driveability	D42 - Poor Performance/Lacks Power
604	V29 - Check Engine Light	E29 - Check Engine Light Trouble
605	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
606	V29 - Check Engine Light	E29 - Check Engine Light Trouble
607	V29 - Check Engine Light	E29 - Check Engine Light Trouble
608	V52 - Driveability	D42 - Poor Performance/Lacks Power
609	V29 - Check Engine Light	E29 - Check Engine Light Trouble
610	V52 - Driveability	D42 - Poor Performance/Lacks Power
611	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
612	V29 - Check Engine Light	E29 - Check Engine Light Trouble
613	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
614	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
615	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
616	V52 - Driveability	D36 - Engine Hesitates/Surges when Accelerating
617	V29 - Check Engine Light	E29 - Check Engine Light Trouble
618	V29 - Check Engine Light	E29 - Check Engine Light Trouble
619	V29 - Check Engine Light	E29 - Check Engine Light Trouble
620	V29 - Check Engine Light	E29 - Check Engine Light Trouble
621	V29 - Check Engine Light	E29 - Check Engine Light Trouble
622	V52 - Driveability	D53 - Other Engine Troubles - Driveability Related
623	V29 - Check Engine Light	E29 - Check Engine Light Trouble
624	V29 - Check Engine Light	E29 - Check Engine Light Trouble
625	V29 - Check Engine Light	E29 - Check Engine Light Trouble
626	V29 - Check Engine Light	E29 - Check Engine Light Trouble
627	V29 - Check Engine Light	E29 - Check Engine Light Trouble
628	V29 - Check Engine Light	E29 - Check Engine Light Trouble
629	V29 - Check Engine Light	E29 - Check Engine Light Trouble
630	V29 - Check Engine Light	E29 - Check Engine Light Trouble
631	V29 - Check Engine Light	E29 - Check Engine Light Trouble
632	V29 - Check Engine Light	E29 - Check Engine Light Trouble
633	V44 - Base Engine Malfunction	D50 - Other Engine Troubles
634	V29 - Check Engine Light	E29 - Check Engine Light Trouble
635	V29 - Check Engine Light	E29 - Check Engine Light Trouble
636	V52 - Driveability	D42 - Poor Performance/Lacks Power
637	V29 - Check Engine Light	E29 - Check Engine Light Trouble
638	V52 - Driveability	D42 - Poor Performance/Lacks Power

	Q
598	CHECK ENGINE LIGHT IS ON. CHECK and ADVISE.
599	C/S THAT CHECK ENGINE LIGHT ON
600	CUSTOMER STATES CHECK ENGINE LIGHT CAME ON, WAS HESITATING and BLACK SMOKE WAS PUFFING OUT THE BACK ON ACCEL
601	CK ENGINE LIGHT IS ON CEL ON
602	CUST STATES ENG LIGHT ON
603	DIAG & ADVISE ON HI WAY WITH CRUISE ON @ 115 KM & WENT TO PASS A SEMI VEHICLE LOST POWER; NO ACCELLIKE IT SHUT DOWN. PULLED OVER & THE FRONT END WA >
604	CK ENGINE LITE IS ON
605	CHECK DRIVABILITY ISSUE CUSTOMER STATES CK FOR SPUTTER ENGINE MISS ON HARD ACCELERATION
606	CK ENGINE LIGHT ON and SKIPS. POOR FUEL MILEAGE
607	CHECK ENGINE LIGHT IS ON
608	CUSTOMER STATES CHECK ENGINE LIGHT ON
609	C S CHECK ENGINE LIGHT IS ON
610	CHK FOR ENG MISSES ON ACCEL
611	ENGINE HESITATES/SURGES WHEN ACCELERATING
612	CUSTOMER STATES CHECK ENGINE LIGHT ON
613	DRIVE OUT THE HART BY HART WHEEL IN KEEP AT 80 KMS HESITATES OR JERKS A LITTLE NO WARNING INDICATORS ON. HAS BEEN DOING THIS SINCE DAY 1. CHK & ADVISE BEFORE REPAIRS
614	CUSTOMER STATES ENGINE HAS A MISFIRE WHEN FIRST STARTING and UNDER LOAD. WHEN IN CRUISE CONTROL GOING UP A HILL.
615	CUSTOMER STATES ON UP SHIFTS BETWEEN 2 and 3 TRANSMISSION BANGS
616	CUSTOMER STATES THE TRUCK STALLS OR LOOSES POWER AT TIMES.
617	CUSTOMER COMPLAINS OF MIL LAMP COMING ON WITH LACK OF POWER
618	DIAGNOSE and ADVISE DRIVEABILITY CONCERN CUST. STATES ENGINE BEGAN MISSING & RUNNING BADLY ON ACCEL AT HIGHWAY SPEEDS, CHECK ENGINE LIGHT WAS FLASHING and NO
619	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON. THE WRENCH LIGHT IS ON and THERE IS A SEVERE VIBRATION and THE CHECK ENGINE LIGHT FLASHES. CANTURN OFF THE VEHICLE and RE
620	CUSTOMER STATES THE CHECK ENGINE LIGHT IS ON.
621	CUST STATES 60MPH TRIED TO PASS SOMEONE ON A TWO LANE HWY VEHICLE WOULD NOT ACCEL and CHECK ENG LIGHT BEGAN FLASHING
622	CUSTOMER STATES ROUGH IDLE MOST OF THE EVEN LOPES INTER
623	C/S CHECK ENGINE LIGHT IS ON....
624	DRIVEABILITY CUSTOMER STATES CHECK ENGINE LIGHT ON, VEHICLE IDLING ROUGH TESTED EEC PINPOINT TEST CODE P0305 REPROGRAM ECM and INSTALL SHIELD PER TSB12 0
625	D13 ENGINE IDLES ROUGH
626	CUSTOMER STATES CEL IS ON. CHECK and ADVISE
627	CHECK ENGINE LIGHT
628	USE SPO 12160004 CUSTOMER STATES SOP IN FOR SVC ENGINE LIGHT, SOMETIMES LOSES POWER DURING HARD ACCELL.
629	CUSTOMER STATES CHECK ENGINE LIGHT IS ON
630	CHECK ENGINE LIGHT COMES ON TEMP GAUGE DROPS TO C LACK OF POWER BUCK MISS CYCLE KEY and IS GOOD FOR A FEW MILES
631	CUSTOMER STATES CHECK ENGINE LIGHT IS ON DRIVING IN RAIN ON INTERSTATE VEH WILL DROP TO 40 MPH and HAVE TO LIMP
632	C/S CHECK ENGINE LIGHT ON
633	CUSTOMER STATES AT TIMES BOGS and WILL NOT ACCELERATE AT FULL THROTTLE.
634	CHECK ENGINE LIGHT IS ON
635	CHECK ENGINE LIGHT IS ON
636	TEMOIN CHECK ENGINE ALLUME, MOTEUR SHAKE ET PAS DE PUISSANCE LUMIERE
637	CHECK CAUSE OF ENGINE LIGHT ON
638	MOTEUR MANQUE A L'ACCELERATION

R	
598	RUN IDS TEST. KOEO P0340, P030X. RUN KOER PASS. RUN OASIS / TSBS PER TSB 12 6 4, REPROGRAMMED PCM. CLEARED GENERATED CODES. DUE TO TRAVELER & DELAY ONPARTS, RELEASE
599	CHECK OUT THE CHECK ENGINE LIGHT CODE IS P0299 CHECK OASIS HAS A TSB FOR THIS CONCERN16 6 4 INSPECT THE INNER COOLER FOR THE SHIELD THERE IS NO SHIELD INSTALL THE SHI
600	IDS INSTALLED KOEO KOER SELF TEST DTC P0306 RAN OASIS TSB 12 6 4 REPROGRAM PCM ROAD TE ST
601	ROAD TEST THE ENGINE LIGHT IS ON EEC TEST DTC P0306 CALL OASIS PERFORMED TSB 12 6 4 PROGRAM THE PCM
602	5E212 12 RAN ENG. DIAGS., CODES YKOE0 P1111, KOEC P0430, KOER P1111. REPLACED LEFT CAT CONVERTER. INSTALLED DEFLECTOR & REPROGR AMMED PCM AS PER TSB 12 06 04.
603	CONFIRM CONCERN: IDS CONNECT & CHECK CODES P0305REFER TO TSB 12 6 4; REPROGRAMMED THE PCM. RETESTED GOOD NOW. >
604	SYSTEM TEST CODES POWER BALANCE TSB 12 06 04 HAS DEFLECTOR AS PER TSB CK PLUGS NOT ALOT OF CHANGE INSPECT CAC TUBE FOR MOISTURE CLEANED IAT CLEARED CODES I
605	PERFORMED DIAG.UPDATED PCM TO LATEST CALIBRATION LEVEL PER TSB
606	RAN EEC TEST P0300, P0305, P0306 CHECKED INFO PER TSB 12 06 04 REPROGRAM PCM and INSTALL SHIELD
607	DIAG and TEST P0306 INSTALLED NEW SHIELD ON CAC and REPROGRA MED PCM AS PER TSB 12 06 04
608	CKD VERIFIED P0430 RPL. CONVERTOR INSTALL DEFLECTOR PLATE and CALIBRATED UPDATE PER TSB 12 06 04 OK NOW
609	VERIFY CONCERN EEC TEST CODE P0430 PERFORMED TSB 12 6 4 REPLACE LFT BANN CAT CONVERTER and REPROGRAM PCM CLEAR CODES and RETEST OK
610	EEC TEST PASS MODE 6 SHOWS #4 MISFIRE REPROGRAM PCM and INSTALL BAFFEL AS PER TSB 12 6 4
611	TEST PCM PASS. INSTALL CAC AIR DEFLECTOR REPROGRAM PCM
612	IDS HOOK UP RETRIVE CODE P0430 REPROGRAMED PCM PER TSB 12 6 4 RETEST
613	CONFIRMED CUST CONCERN. CHECKED OASIS, FOUND TSB12 6 4. PERFORMED REPROGRAM. ROADTEST VERIFIED REPAIR. 6K775 CC 42
614	REPROGRAMMED PCM,PER TSB, 12 6 4. FOR INTERMITTENT SURGE and MISFIRE. RETEST. OK AFTER REPAIR.
615	ROAD TESTED THE VEHICILE WITH THE CUSTOMER, CHECKED OASIS FOR TSBS and SSMS THAT MAY APPLY. THERE WASN T ANY, THERE WAS AN UPDATE CALIBRATION TSB 12 06 04 FOR THE I
616	TRUCK MISFIRES and STALLS AFTER LONG DRIVES. CHECK KOEO NO CODES PASS.PERFORM TSB 12 06 04 REPROGRAM PCM.
617	VERIFIED SES LIGHT ON, SELFTEST and RETRIEVED CODES, REFER T O TSB 12 6 4 REPROGRAMMED PCM and INSTALLED DEFLECTOR PLATE ON COOLER RETESTED OK
618	CONCERN VERIFIED DTC S P0300,P0305,P0306,P0430 PRESENT. PREFORMED TSB 12 6 4. REPLACED LEFT BANK CATASSEMBLY, INSTALLED CAC AIR DEFLECTOR PLATE, CLEA RED DTC S, REPRG
619	VERIFIED CEL LAMP IS ON. RAN IDS DIAG. FOUND CODES P0300, P0304, P0303, and P0306. RANPINPOINT TEST BUT COULD NOT VERIFY ANY MISS FIRESAT THIS TIME.PER TSB 12 6 4 ADDED AIR I
620	VERIFIED MIL IS ON. RAN IDS DIAG. HAS CODE P0340.PER TSB 12 6 4. REPLACED LEFT SIDE CONVERTER ASSY. CLEARED DTCS and RETEST DROVE.
621	VERIFIED CONCERN.HAS CODE.P0306,PERFORMED TSB 12 06 04,RECAL PCM and REPLACED SHIELD,VERIFIED REPAIR
622	REPROGRAMMED PCM TSB 12 06 04 WPI
623	CHECK ENGINE LIGHT ON PULLED CODE P0430. RAN FOR TSB FOUND TSB 12 6 4 REPLACED LEFT CAT and INSTALLED CAC DEFLECTOR THEN REPROGRAMMED PCM PER TSB
624	TESTED EEC PINPOINT TEST CODE P0305 REPROGRAM ECM and INSTALL SHIELD PER TSB 12 06 04A. WPI
625	TEST DROVE TRUCK FOUND IT WAS RUNNING ROUGH, HOOKED UP IDS and CHECKED FOR CODES NONE, CHECKED FOR TSB S OR SSM S FOUND TSB#12 06 04. PERFORMED TSB CONVERTER
626	VERIFIED CONCERN. CODE P0430, PCM NEEDS TO BE REPROGRAMED TO LATEST LEVEL. CAT CONVERTER NEEDS TO BE REPLACED; REMOVED and REPLACED CAT CONVERTER. REPROGRAMI
627	CORRECTION: DIAGNOSED and PERFORMED TSB 12 02 10
628	EEC SELF TEST P0304 INSTAL CAC AIR DEFLECTOR PLATE and REPROGRAM PCM BPN 6K775 CODE 42
629	ROAD TEST. MIL IS ON. USED IDS TO TEST. FOUND DTCS FOR CYL#4,5,6. FOLLOWED TSB#12 06 04. REPROGRAMMED PCM CLEARED DTCS RETEST OK .
630	CHECK ENGINE LIGHT ON and RUNNING ROUGH INSPECT SELF TESRAN OASIS FOUND TSB 12 06 04 PERFORM TSB RERPOGRAM PCM and INSTALL DEFLECTOR ROAD TEST TEST FOUR MILES and
631	DIAG and RAN OASIS FOUND TSB 12 06 04 PER TSB REPALCE THE LEFT CATALYTIC CONVERTOR
632	P0300 P0305 P0306 TSB FOR CONCERN INSPECT FOR CAC BAFFLE UPDATE PCM CALIB TD 7 MI 120604A .5
633	WAS UNABLE TO VERIFY CUSTOMER CONCERN CHECKED OASIS FOUND TSB 12 6 4 FOR CONCERN PERFORMED TSB CHECKED DEFLECTOR PLATE WAS PRESENT REFLASHED PCM RETURNED
634	PERFORM TSB 12 6 4 PCM UPGRADE FOR MEMORY CODE P0303
635	PERFORM EEC TEST. KOEOPASS. KOERPAS, KOECECP0430. PERFORM TSB, 12 6 4 .5 PCM UPGRADE.
636	FAIT ESSAI SUR ROUTE,INSTALLER IDS POUR MOTEUR COUPE A FORTE ACCELERATION ET MIL EST ON,TROUVER CODE ET BT12 6 4,POSER DEFLECTEUR DU BT ET OK. OTHER 1 CLIP
637	self test p0305, p0306, check oasis, tsb 12 06 04 applies. Install deflector and reprogram pcm, clear codes, rt, ok
638	FOLLOWED PROCEDURE IN TSB 12 6 4, UPDAT EDPCM

	S	T	U	V	W	X	Y
598	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
599	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
600	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
601	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
602	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
603	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
604	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
605	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
606	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
607	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
608	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
609	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
610	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
611	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	12 - Improper Assembly	0.5
612	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
613	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
614	F04 - Powertrain	7H06 - Refrigerant-AC	CL3Z	19E672 - Deflector Asy-AC	A	42 - Does Not Operate Properly	0.5
615	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
616	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
617	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
618	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	1.0
619	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
620	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
621	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
622	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
623	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
624	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
625	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
626	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
627	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
628	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
629	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
630	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
631	F04 - Powertrain	4C03 - Catalytic Convertor	BL3Z	5E212 - Converter Catalytic	E	12 - Improper Assembly	1.0
632	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	4 - Software Revision, Flash Module	0.5
633	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
634	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	42 - Does Not Operate Properly	0.5
635	F04 - Powertrain	4C03 - Catalytic Convertor	*	5E212 - Converter Catalytic	*	12 - Improper Assembly	0.0
636	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
637	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5
638	F04 - Powertrain	1F01 - Radiator	*	6K775 - Cooler Asy	*	42 - Does Not Operate Properly	0.5

	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN
598	\$44	\$0	\$44	9361801	4927	J.C. Lewis Ford	912	9250234	GA	USA	NA	124489	S07	USA	@
599	\$52	\$11	\$62	239090A	8240	Larry H. Miller Super Ford Sal	801	4881700	UT	USA	NA	156020	S07	USA	@
600	\$46	\$0	\$46	479149A	2417	Don Davis Ford Lincoln	817	2614261	TX	USA	NA	152016	S07	USA	@
601	\$48	\$0	\$48	554657A	387	Marshal Mize Ford, Inc.	423	8752023	TN	USA	NA	147035	S07	USA	@
602	\$92	\$346	\$438	76044901	4790	Gary Yeomans Ford Lincoln	386	2536771	FL	USA	NA	172729	S07	USA	@
603	\$55	\$0	\$55	60198201	A6035	Big M Ford Lincoln Ltd.	403	5274406	AB	Canada	NA	4A6035	1	Canada	@
604	\$41	\$0	\$41	5984101	3479	Bill Colwell Ford Inc	319	9884153	IA	USA	NA	153675	S07	USA	@
605	\$50	\$0	\$50	3217101	4798	Weikert Ford Inc	863	6767944	FL	USA	NA	124493	S07	USA	@
606	\$36	\$11	\$47	3722402	254	Ken Cox Ford, Inc.	334	5667350	AL	USA	NA	121550	S07	USA	
607	\$36	\$11	\$47	11663501	401	Ed Sherling Ford, Inc.	334	3472245	AL	USA	NA	121526	S07	USA	@
608	\$64	\$336	\$400	719101	6758	Woody Folsom Ford, Inc.	912	3672466	GA	USA	NA	121776	S07	USA	
609	\$98	\$293	\$391	440881A	2967	Gorno Bros Inc	734	6762200	MI	USA	NA	148022	S07	USA	@
610	\$45	\$13	\$58	67191101	4809	Bartow Ford Company	863	5330425	FL	USA	NA	124408	S07	USA	@
611	\$41	\$12	\$53	400620A	2496	James Hodge Ford Lincoln, Inc.	918	6821345	OK	USA	NA	152535	S07	USA	@
612	\$41	\$0	\$41	125021	1490	Maloy Ford	205	3844400	AL	USA	NA	121418	S07	USA	@
613	\$57	\$0	\$57	12400601	B7023	Prince George Motors Ltd	250	5638111	BC	Canada	NA	4B7023	1	Canada	@
614	\$44	\$10	\$54	175141A	2380	Harrison Ford, Inc.	440	6473614	OH	USA	NA	144089	1	USA	
615	\$35	\$0	\$35	7635402	7628	Murray's Ford Lincoln	814	3716600	PA	USA	NA	144472	S07	USA	
616	\$40	\$0	\$40	280406A	20049	Brown's Sales & Leasing, Inc.	563	2521611	IA	USA	NA	141699	S07	USA	@
617	\$42	\$15	\$57	13710101	B3230	Highland Ford Sales Limited	902	7528243	NS	Canada	NA	4B6198	2	Canada	@
618	\$82	\$312	\$394	8132901	5875	Randall Ford Inc	479	4521311	AR	USA	NA	153339	S07	USA	
619	\$39	\$11	\$49	054721A	1987	Friendship Ford	423	6526200	TN	USA	NA	147419	S07	USA	
620	\$77	\$301	\$378	055641A	1987	Friendship Ford	423	6526200	TN	USA	NA	147419	S07	USA	@
621	\$49	\$13	\$62	375938A	5113	Bob Sight Ford Inc	816	5246550	MO	USA	NA	153015	S07	USA	@
622	\$45	\$0	\$45	6305051	1125	Palmetto Ford Lincoln	843	5713673	SC	USA	NA	121290	S07	USA	@
623	\$93	\$311	\$404	553892A	8932	Autofair Ford, LP	603	6252540	NH	USA	NA	111575	S07	USA	@
624	\$41	\$11	\$51	525001	6124	Koenecke Ford	608	5244361	WI	USA	NA	141459	S07	USA	@
625	\$45	\$0	\$45	18679301	B4069	Steeltown Ford Sales 1980 Ltd	866	3442055	MB	Canada	NA	4B4069	1	Canada	@
626	\$104	\$405	\$510	004327A	1374	New Prague Ford	952	7582700	MN	USA	NA	158620	S07	USA	
627	\$47	\$0	\$47	1349021	8235	Crest Ford	860	7395403	CT	USA	NA	113213	S07	USA	
628	\$53	\$14	\$67	1755851	2865	Ford of Ocala, Lincoln of Ocal	352	7324800	FL	USA	NA	124500	S07	USA	@
629	\$46	\$0	\$46	277483A	17	Plaza Ford, Inc.	410	8772800	MD	USA	NA	127419	S07	USA	@
630	\$39	\$18	\$57	3053551	1200	Nick Nicholas Ford, Inc.	352	7261231	FL	USA	NA	124427	S07	USA	
631	\$78	\$293	\$371	3123551	1200	Nick Nicholas Ford, Inc.	352	7261231	FL	USA	NA	124427	S07	USA	@
632	\$40	\$0	\$40	237083A	815	Ronnie Watkins Ford	256	5439400	AL	USA	NA	172734	S07	USA	@
633	\$35	\$0	\$35	7678903	7628	Murray's Ford Lincoln	814	3716600	PA	USA	NA	144208	S07	USA	@
634	\$45	\$0	\$45	1157001	8172	Rush Truck Center, Orlando	407	2981000	FL	USA	NA	124900	S07	USA	@
635	\$0	\$0	\$0	1155801	8172	Rush Truck Center, Orlando	407	2981000	FL	USA	NA	124900	S07	USA	@
636	\$36	\$14	\$51	6065601	B2228	Desmeules Automobile Inc.	418	2332490	QC	Canada	NA	4B2228	2	Canada	
637	\$53	\$0	\$53	13105201	B4074	Celebration Ford Sales Ltd	306	4353313	SK	Canada	NA	4B4796	2	Canada	@
638	\$47	\$0	\$47	237075A	A2089	Le Blanc Ford Inc.	450	6914130	QC	Canada	NA	4A2375	2	Canada	@

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**From:** Fodera, Jas (J.J.)  
**Sent:** Thursday, August 02, 2012 8:50 AM  
**To:** Martin, Thomas (T.C.); Smith, Craig (C.A.); Huber, Alex (A.)  
**Cc:** Kunitz, David (D.W.); Ronzi, Bill (W.C.); Dixon, Mark (M.R.); Johnson, Greg (G.T.); Stanley, Daniel (D.J.); Steslicki, Michael (M.E.); McNamara, Patrick (P.S.); Baker, Ron (R.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Claim

Gents -

Just an FYI...(catalyst related concerns) attached is my latest spreadsheet of 2012MY P415 3.5L GTDI w./vehicle prod. dates after the most recent PCA dated **5/24/12**.

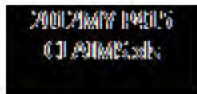
- **PCA 5/17/12:** Revised CAC Air Deflector at DTP & KCAP
- **PCA 5/24/12:** R11 Calibration Production R/C at DTP & KCAP; Issues TSB 069-2012-1496R1: 3.5L GTDI Calib Update (supersedes TSB 12-2-10)

9 VINs in total (for expedited processing, VIN Specific Requests are submitted to get all parts back; '#2' received to date)

- 8@P0430 ('#2' received -- ref. this eMail)
- 1@Leak

When I get to a quantity of 10, I am going to stop issuing VIN Specific Requests -- note that I will see returns at the Warranty Parts Analysis Center, WPAC (via the normal process).

( '#2' on the attached .xls file is the VIN being discussed in this eMail )



**Jas Fodera**

**Powertrain Installations - Exhaust Systems**

**Phone: 1-313-621-2854**

**e-Mail: [jfodera@ford.com](mailto:jfodera@ford.com)**

**Building #2, MD-1232, Cube 23M02**

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**From:** Martin, Thomas (T.C.)  
**Sent:** Thursday, August 02, 2012 8:01 AM  
**To:** Smith, Craig (C.A.); Huber, Alex (A.)  
**Cc:** Kunitz, David (D.W.); Ronzi, Bill (W.C.); Fodera, Jas (J.J.); Dixon, Mark (M.R.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Claim

Alex – please advise how I procure this catalyst. I am at TEE and can come pick it up, or you can have it delivered to me, it makes no difference to me. Thx.

---

**From:** Smith, Craig (C.A.)  
**Sent:** Wednesday, August 01, 2012 4:30 PM  
**To:** Huber, Alex (A.); Martin, Thomas (T.C.)  
**Cc:** Kunitz, David (D.W.); Ronzi, Bill (W.C.); Fodera, Jas (J.J.); Dixon, Mark (M.R.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Claim



Tom,

Please get this part and assess it on one of our development vehicles. First take a look at the CATMON results and let's discuss.

Thanks,

Craig Smith  
Supervisor - Engine Calibration  
3.5L TIVCT GTDI & 3.5L IVCT GTDI Powerpacks  
Phone: (313) 805-6345  
TEE Bldg cube 1AD08

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**From:** Huber, Alex (A.)  
**Sent:** Wednesday, August 01, 2012 3:55 PM  
**To:** Smith, Craig (C.A.)  
**Cc:** Kunitz, David (D.W.); Ronzi, Bill (W.C.); Fodera, Jas (J.J.); Dixon, Mark (M.R.)  
**Subject:** 2012 MY 3.5L GTDI P415 Claim

Craig,

We have received 8 3.5L GTDI P415 CAT returns that have had P0430 codes. I have one of the returned parts at my desk and on inspection there seems to be nothing wrong with the catalyst, mat, or can. I was wondering if it would be possible for you to run a FTP emissions test on this return part to verify if this part will show the problem again on one of our vehicles?

This vehicle was built at DTP. It seems that there was a R11 Calibration Production R/C at DTP & KCAP. When was this implemented at the plants? We would like the same calibration that was on the warranty vehicle to be used when the testing is done.

VIN: 1ftfw1et2cf [REDACTED]  
Build date: 6/28/12

Thanks

Alex Huber  
Ford Motor Company  
V6 Catalyst Internals D&R  
313-319-0095  
[ahuber8@ford.com](mailto:ahuber8@ford.com)

2012MY P415 F-150 Exhaust Catalyst (-5E212- Causal Part) Claims - Prod Dates AFTER 5/24/12 PCA

Ref	VIN	Engine	Fleet / Retail	Claim	Repair Date	ODO (Miles)	TIS	Comments	Catalyst Teardown Comments / Results	Production Date
1	1FTFW1CT0CK	3.5L	R	1647326	7/14/2012	903	-1	VIN Spec Req Issued 7/19/12 (# 171816) P0430 & Misfire Codes		6/11/2012
2	1FTFW1ET2CF	3.5L	R	1671018	7/16/2012	552	1	Part received 7/30/12. P0430	Frnt inlet face showed very minimal damage, if any -- AfterTreatment agrees (Steve Beaver, 8/1); they'll give part to Calib. to attempt to replicate the P0430 code - <b>Pending</b> (if we can repeat, send to Tenneco for teardown analysis)	6/28/2012
3	1FTFW1CT3CF	3.5L	R	1711935	7/11/2012	5	-1	VIN Spec Req Issued 7/26/12 (#173757 ) Check for Leak		6/22/2012
4	1FTFW1ET1CK	3.5L	F	1730715	7/26/2012	2,573	1	VIN Spec Req Issued 7/30/12 (# 174336) P0430	<b>PCA 9/22/12:</b> CAC internal changes to reduce misfire due to condensate <b>PCA 5/17/12:</b> Revised CAC Air Deflector at DTP & KCAP <b>PCA 5/24/12:</b> R11 Calibra ion Production R/C at DTP & KCAP; Issues TSB 069-2012-1496R1: 3.5L GTDI Calib Update (supercedes TSB 12-2-10)	6/17/2012
5	1FTFX1ET6CFC	3.5L	F	1730566	7/25/2012	1,610	1	VIN Spec Req Issued 7/30/12 (# 174337) P0430		6/28/2012
6	1FTFW1ET3CF	3.5L	R	1745106	7/24/2012	2,187	1	VIN Spec Req Issued 7/31/12 (# 174749 ) P0430 (Misfire codes at 1402 miles)		6/6/2012
7	1FTFW1ET8CF	3.5L	R	1748880	7/25/2012	1,387	2	VIN Spec Req Issued 7/31/12 (# 174750 ) P0430		5/29/2012
8	1FTFW1ET1CF	3.5L	R	1764118	7/23/2012	2,508	-1	VIN Spec Req Issued 8/1/12 (# 175167) P0430		6/7/2012
9	1FTFW1ETXCK	3.5L	R	1764117	7/25/2012	775	1	VIN Spec Req Issued 8/1/12 (# 175168) P0430		6/22/2012
10										

/2012MY P415 Master Pivot Claims.xls

PE13-018 006200

**From:** Dixon, Mark (M.R.)  
**Sent:** Wednesday, June 13, 2012 1:10 PM  
**To:** Mazuchowski, James (J.A.); Schiltges, Dave (D.); Donahue, Francis (Fran.); Smith, Craig (C.A.); McCoy, Jim (D.); Graham, David (D.L.); Dobbs, Dan (K.D.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Misfire Daily AWS Claims (5/31/12)

Below is a summary of misfire DTCs reported in warranty by "month of production" for the F150 GTDI. Note that we continue to see misfire codes for cyl 1, 2, & 3, which are not generally characteristic of the CAC water induced misfire that impacts bank 2. Most of the claims for these bank 1 DTCs indicate a single DTCs, while more common to see multiple DTCs for a bank 2 misfire.

I see coils are being replaced on about 1/4 of the claims for these bank 1 DTCs. Fran, would be interested in the findings on these returned coils.

DTC Code	DTC Description	Vehicle Line WERS [VL] Desc	2011								2011 Total	2012	
			04	05	06	07	08	09	10	11		2011-2012	2012
P0306	CYLINDER 6 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	42	36	31	33	49	51	46	5	293		
	Total		42	36	31	33	49	51	46	5			
P0304	CYLINDER 4 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	17	31	22	22	58	54	29	4	237	1	
	Total		17	31	22	22	58	54	29	4			1
P0305	CYLINDER 5 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	19	24	30	21	49	42	18	3	206	1	
	Total		19	24	30	21	49	42	18	3			1
P0300	RANDOM MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	27	30	22	16	31	28	14	3	171	2	
	Total		27	30	22	16	31	28	14	3			2
P0316	MISFIRE DETECTED ON STARTUP (FIRST 1	F150/LINCOLN MARK LT [04-13]	18	20	28	17	51	33	20		187		
	Total		18	20	28	17	51	33	20				
P0301	CYLINDER 1 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	18	23	18	13	17	20	18	2	129	2	
	Total		18	23	18	13	17	20	18	2			2
P0302	CYLINDER 2 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	12	13	15	7	17	22	16	2	104	1	
	Total		12	13	15	7	17	22	16	2			1
P0303	CYLINDER 3 MISFIRE DETECTED	F150/LINCOLN MARK LT [04-13]	10	16	16	11	20	12	9	1	95	1	
	Total		10	16	16	11	20	12	9	1			1

**From:** Mazuchowski, James (J.A.)  
**Sent:** Thursday, June 07, 2012 10:14 AM  
**To:** Dixon, Mark (M.R.); Schiltges, Dave (D.); Donahue, Francis (Fran.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Misfire Daily AWS Claims (5/31/12)

Thanks Mark.

Dave, we should also get with Fran D. and tally up all the COP's returned and analyzed and be able to show % of TNI's. Let's connect the dots pls.

*Jim Mazuchowski*  
 Manager, New V6 Engine Programs  
 V-Engine Eng'r; 33-79935

**Help me raise \$\$ to fight Multiple Sclerosis - 2012 Bike MS**

[http://main.nationalmssociety.org/site/TR?px=4458825&pg=personal&fr\\_id=17473&et=edYdNfl6pernno7GGuDBww&s\\_tafId=216749](http://main.nationalmssociety.org/site/TR?px=4458825&pg=personal&fr_id=17473&et=edYdNfl6pernno7GGuDBww&s_tafId=216749)

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**From:** Dixon, Mark (M.R.)  
**Sent:** Thursday, June 07, 2012 9:22 AM  
**To:** Mazuchowski, James (J.A.); Graham, David (D.L.); Osepchhook, William (W.R.); Schiltges, Dave (D.); Dobbs, Dan (K.D.); McCoy, Jim (D.); Oyafuso, Kevin (K.G.); Caesar, Cynthia (C.L.)  
**Cc:** Gernant, Tim (T.R.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Misfire Daily AWS Claims (5/31/12)

Jim, one of the things we don't understand is that a portion of the GTDI misfire claims are coming in with DTC P0316 (misfire in first 1000 revs after start). Experiencing misfire so soon after engine start does not seem to align with the conditions relating to CAC water induced misfire. Many of the coil replacements have this DTC in the claim.

Cynthia, please pull all the IDS session data for GTDI misfire since March. 2012 production. Would like to check for the conditions that exist when the P0316 code is set. This DTC does not actually set FF, but always is accompanied by another misfire DTC that will set FF. Thanks.

<< OLE Object: Picture (Enhanced Metafile) >>

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**From:** Mazuchowski, James (J.A.)  
**Sent:** Thursday, June 07, 2012 7:21 AM  
**To:** Graham, David (D.L.); Osepchhook, William (W.R.); Schiltges, Dave (D.); Dobbs, Dan (K.D.); Dixon, Mark (M.R.)  
**Subject:** RE: 2012 MY 3.5L GTDI P415 Misfire Daily AWS Claims (5/31/12)

We're still seeing alot of COP, spark plugs, injectors getting changed on the 2012 F-150. Thought being collateral damage as a result of misfire symptoms customer experiences.

Anyway to send out additional info to dealerships ?? Or messages to try and reduce.  
Your thoughts?

*Jim Mazuchowski*  
**Manager, New V6 Engine Programs**  
**V-Engine Eng'r; 33-79935**

**Help me raise \$\$ to fight Multiple Sclerosis - 2012 Bike MS**

[http://main.nationalmssociety.org/site/TR?px=4458825&pg=personal&fr\\_id=17473&et=edYdNfl6pernno7GGuDBww&s\\_tafId=216749](http://main.nationalmssociety.org/site/TR?px=4458825&pg=personal&fr_id=17473&et=edYdNfl6pernno7GGuDBww&s_tafId=216749)

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**From:** Steslicki, Michael (M.E.)  
**Sent:** Thursday, May 31, 2012 8:11 AM  
**To:** Ahmed, Masood (M.); Bailey, Owen (O.R.); Boerger, Jim (J.G.); Bollman, Wes (W.); Boughan, Alex (A.B.); Cervenak, Neil (N.J.); Cockerill, Al (C.A.); Crudo, Frank (F.J.); Dame, Andrew (A.C.); Dixon, Mark (M.R.); Dobbs, Dan (K.D.); Dodds, Jordan (J.); Donahue, Francis (Fran.); Dumler, Jeff (J.D.); Early, Curt (C.G.); Fodera, Jas (J.J.); Galas, Dean (C.K.); Heck, Kevin (K.C.); Holland, Del (D.); Holmes, Douglas (D.A.); Klomp, Karl (K.R.); Langley, Scott (C.S.); Liebling, Doug (D.E.); Mazuchowski, James (J.A.); McCoy, Jim (D.); McDonagh, Scot (S.M.); McNamara, Patrick (P.S.); Merrell, Robert (R.J.); Miller, Brian (B.J.); Moore, Andrew (R.); Morrow, Bill (N.W.); Nevels, Laurence (L.); Nowaczyk, Rick (R.J.); Osepchhook, William (W.R.); Oyafuso, Kevin (K.G.); Parnell, Bill (W.); Reno, George (G.L.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); Saad, Thomas (T.J.); Schiltges, Dave (D.); Siddall, Stephen (S.); Sims, Ivan (I.D.); Skurko, Jennifer (J.J.); Smith, Craig (C.A.); Sparks, Douglas (D.S.); Stanley, Daniel (D.J.); Treusch, Christopher (C.J.); Wagers, Sue (S.K.); Wodzisz, Ken (K.R.); Zimlich, Mary (M.)  
**Subject:** 2012 MY 3.5L GTDI P415 Misfire Daily AWS Claims (5/31/12)

**Ten new claims today**

(5) COP  
(4) Diag - Misfire

(1) Catalytic Converter

<< File: 2012 MY 3.5L GTDI P415 Misfire Claims.xls >>

Mike Steslicki

Quality Analyst

Ford Motor Company

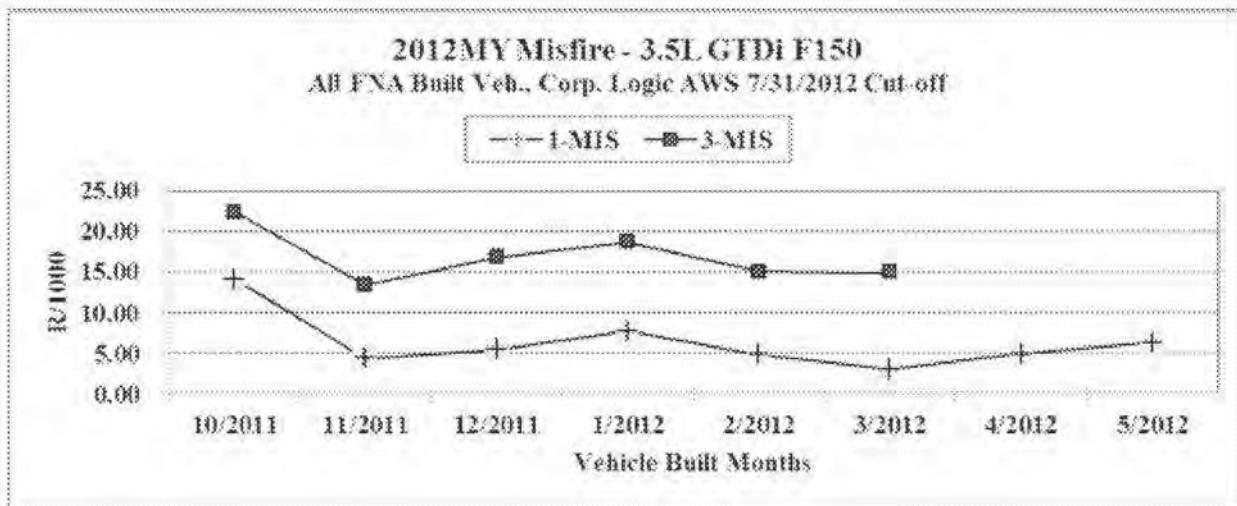
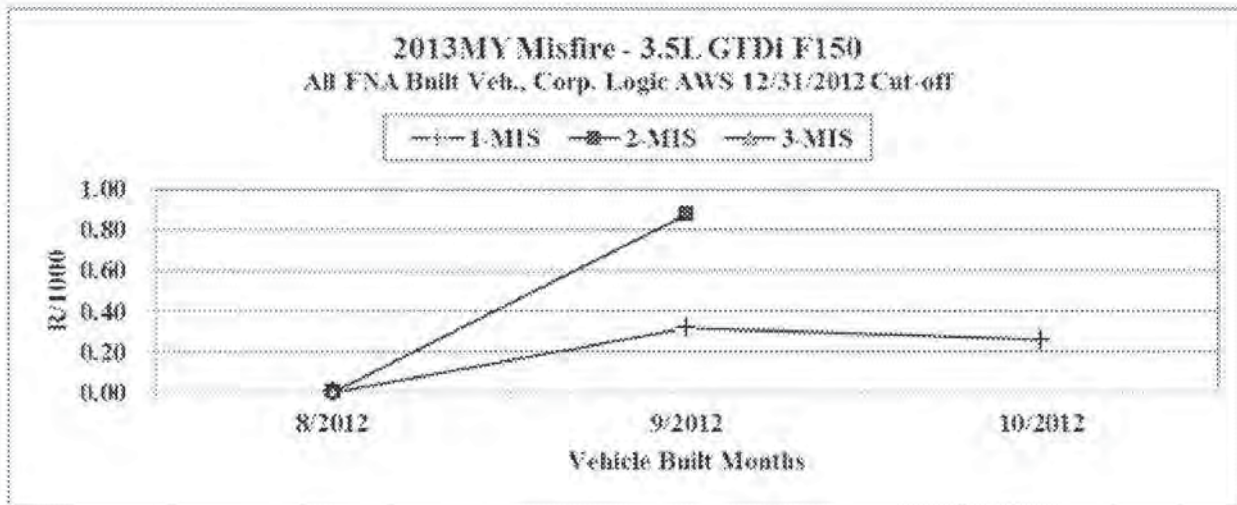
Powertrain Engineering

(313) 805-9888

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, January 29, 2013 4:22 PM  
**To:** Ng, Paul (P.K.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); McDonagh, Scot (S.M.); Smith, Craig (C.A.); Jabbour, Paul (P.); Galas, Dean (C.K.); Sparks, Douglas (D.S.); Kramer, Michael (M.T.); Steslicki, Michael (M.E.)  
**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Paul, thanks.

Looks like our 1 MIS number has dropped to around 0.3 R/1000 with the new CAC (top chart below) from a 1 MIS number over 5 R/1000 before new CAC was introduced (bottom chart). We'll plan to update the number after the Jan cutoff to get a 3 MIS comparison



---

**From:** Ng, Paul (P.K.)  
**Sent:** Tuesday, January 29, 2013 3:28 PM  
**To:** Dixon, Mark (M.R.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.)  
**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Mark,

The R/1000 is at the 3.5L GTDi P415 level. If you want me to work up R/1000 values for total F150 or F-Series (LD and HD) then just let me know.

Paul

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, January 29, 2013 2:25 PM  
**To:** Ng, Paul (P.K.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.)  
**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Thanks Paul. Is this at the GTDI or total F Series level?

---

**From:** Ng, Paul (P.K.)  
**Sent:** Tuesday, January 29, 2013 12:37 PM  
**To:** Dixon, Mark (M.R.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.)  
**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Mark,

Attach is the R/1000 Trend and Stack chart you requested.  
<< File: 13MY F150 GDTi Misfire.xlsx >>

Paul

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, January 22, 2013 4:25 PM  
**To:** Ng, Paul (P.K.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.)  
**Subject:** FW: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)  
GT

Paul, using the same approach as you used before, can you take the claims in Mikes note below (which represent all the CAC misfire claims since the new cooler was introduced Sept 18) and calculate a 1 and 2 MIS R/1000 trend? Probably too early for a 3 MIS number until the Jan cutoff. Attached is the file you created the last time you ran the data from Mikes claims.

Thanks.

<< File: 12MY F150 GDTi Misfire.xls >>

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**From:** Steslicki, Michael (M.E.)

**Sent:** Tuesday, January 22, 2013 5:57 AM

**To:** Ahmed, Masood (M.); Bailey, Owen (O.R.); Boerger, Jim (J.G.); Bollman, Wes (W.); Cervenak, Neil (N.J.); Cockerill, Al (C.A.); Crudo, Frank (F.J.); Dame, Andrew (A.C.); Dixon, Mark (M.R.); Dobbs, Dan (K.D.); Dumler, Jeff (J.D.); Early, Curt (C.G.); Fodera, Jas (J.J.); Galas, Dean (C.K.); Heck, Kevin (K.C.); Holland, Del (D.); Holmes, Douglas (D.A.); Hwang, Sheng-Jiaw (S.J.); Klomp, Karl (K.R.); Langley, Scott (C.S.); Liebling, Doug (D.E.); Mazuchowski, James (J.A.); McCoy, Jim (D.); McDonagh, Scot (S.M.); McNamara, Patrick (P.S.); Merrell, Robert (R.J.); Miller, Brian (B.J.); Moore, Andrew (R.); Morrow, Bill (N.W.); Nevels, Laurence (L.); Nowaczyk, Rick (R.J.); Osepchook, William (W.R.); Oyafuso, Kevin (K.G.); Parnell, Bill (W.); Reno, George (G.L.); Ridolfi, Dominic (D.R.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); Saad, Thomas (T.J.); Schiltges, Dave (D.); Siddall, Stephen (S.); Sims, Ivan (I.D.); Skurko, Jennifer (J.J.); Smith, Craig (C.A.); Sparks, Douglas (D.S.); Stanley, Daniel (D.J.); Treusch, Christopher (C.J.); Wagers, Sue (S.K.); Wodzisz, Ken (K.R.); Zimlich, Mary (M.)

**Subject:** 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

**Four new claims from the last four days**

(2) CAC

(1) CAC & Catalytic Converter

(1) Diag - Misfire

<< File: 2013 MY 3.5L GTDI P415 Misfire Claims Post 9-18-12.xlsx >>

Mike Steslicki

Quality Analyst

Ford Motor Company

Powertrain Engineering

(313) 805-9888



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**From:** Dixon, Mark (M.R.)  
**Sent:** Thursday, February 07, 2013 11:44 AM  
**To:** Saad, Thomas (T.J.); Jabbour, Paul (P.)  
**Subject:** RE: CAC Misfire Claims Binned to CCC E27

Tom, correct. Attached are the 2013 CAC misfire claims to date for reference. Not all of these will be in ECB.



Copy of 2013 CAC Misfire Claims to Date for Reference

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**From:** Saad, Thomas (T.J.)  
**Sent:** Thursday, February 07, 2013 11:31 AM  
**To:** Dixon, Mark (M.R.); Jabbour, Paul (P.)  
**Subject:** RE: CAC Misfire Claims Binned to CCC E27

Mark, just to clarify this is for CAC misfire only not COP misfire claims also.

**Tom Saad**  
**Ford Motor Company**  
Certified Black Belt 6 Sigma  
F150 PVT  
Powertrain Resident Engineer  
Dearborn Truck Plant  
313 805-9715  
[tsaad@ford.com](mailto:tsaad@ford.com)

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**From:** Dixon, Mark (M.R.)  
**Sent:** Thursday, February 07, 2013 10:52 AM  
**To:** Saad, Thomas (T.J.); Jabbour, Paul (P.)  
**Subject:** CAC Misfire Claims Binned to CCC E27

Tom/Paul, we got agreement at last week's CMQM to bin all 2013 MY CAC misfire claims to a new cooling CCC E27. Please rebin the claims you have to date and future claims. Thanks.

<< File: F150 GTDI CAC Misfire R.pptx >>

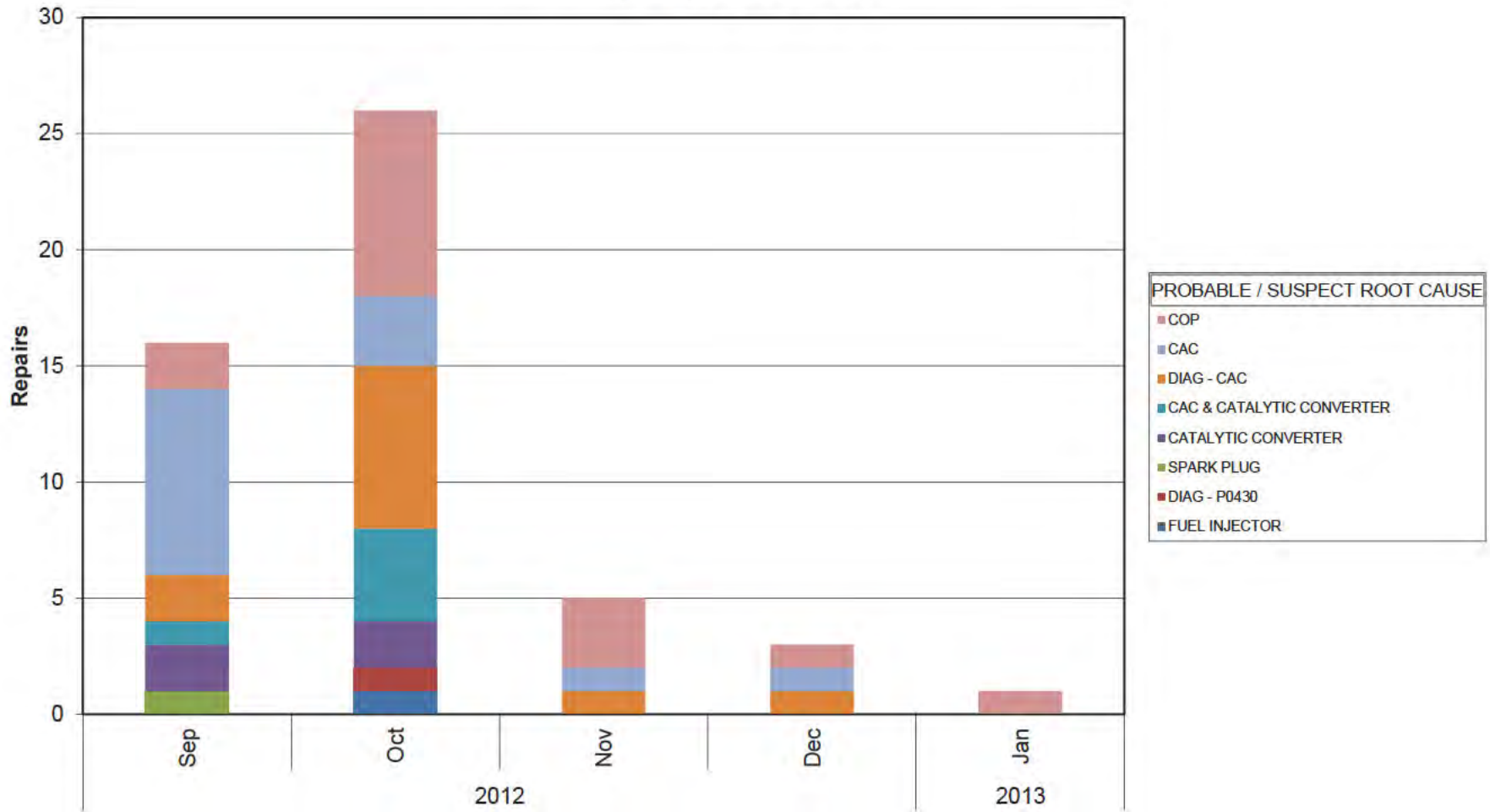
**Mark Dixon**  
Powertrain Quality  
Ford Motor Company  
Building 2 / 24K36  
<mailto:mdixon@ford.com>

Tel: (313) 805-7051

MODEL YEAR	ENGINE CODE	TRANS CODE	ASSY PLANT	PART NUMBER BASE	VFG CODE	LEAD RESPONSIBLE ACTIVITY
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Count of VIN

**2013 MY 3.5L GTDI P415 Misfire Claims Post 9/18/12**  
**AWS Load Date: 2/5/13**



Years PROD DATE

Mike Steslicki  
 (313) 805-9888

MODEL YEAR	(All)
ENGINE CODE	(All)
TRANS CODE	(All)
ASSY PLANT	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)
LEAD RESPONSIBLE ACTIVITY	(All)

Count of VIN		PROBABLE / SUSPECT ROOT CAUSE
Years	PROD DATE	FUEL INJECTOR
2012	Sep	
	Oct	1
	Nov	
	Dec	
2013	Jan	
Grand Total		1

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DIAG - P0430

SPARK PLUG

1

1

---

---

1

1

CATALYTIC CONVERTER	CAC & CATALYTIC CONVERTER	
	2	1
	2	4
	4	5

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DIAG - CAC	CAC	
	2	8
	7	3
	1	1
	1	1
	11	13

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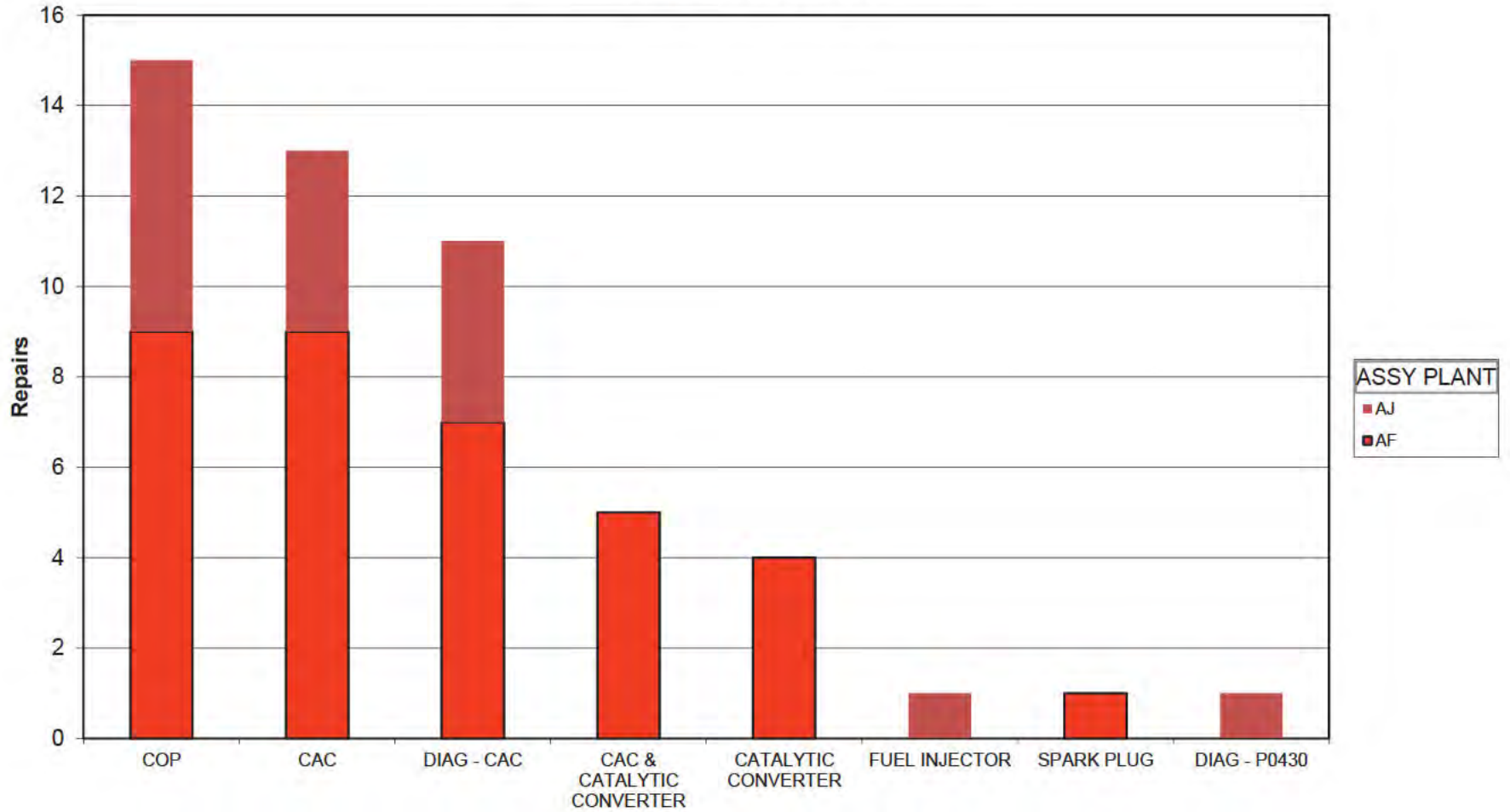
COP	Grand Total
2	16
8	26
3	5
1	3
1	1
15	51



MODEL YEAR	ENGINE CODE	TRANS CODE	PART NUMBER	BASE VFG CODE	LEAD RESPONSIBLE ACTIVITY
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Count of VIN

**2013 MY 3.5L GTDI P415 Misfire Claims Post 9/18/12**  
**AWS Load Date: 2/5/13**



PROBABLE / SUSPECT ROOT CAUSE

Mike Steslicki  
 (313) 805-9888

MODEL YEAR	(All)
ENGINE CODE	(All)
TRANS CODE	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)
LEAD RESPONSIBLE ACTIVITY	(All)

Count of VIN PROBABLE / SUSPECT ROOT CAUSE	ASSY PLANT		Grand Total	
	AF	AJ		
COP		9	6	15
CAC		9	4	13
DIAG - CAC		7	4	11
CAC & CATALYTIC CONVERTER		5		5
CATALYTIC CONVERTER		4		4
FUEL INJECTOR			1	1
SPARK PLUG		1		1
DIAG - P0430			1	1
Grand Total		35	16	51

# 2012 MY 3.5L GTDI P415 Misfire Claims

PROBABLE / MISFIC RDO CAUSE	LEAD RESPONSIBLE AG N8 Y	PAR DISPOS DN	ODDS RPAIR	ZEL Y	VEN	MODULE	IN	ME CNS CD	ASBY PLAN	PROD DA F	INSTRAN Y	DEALERSHIP	PAN NUMBER	REPAIR DA F	IS	WREAG	MA TERAL CCM	O AL COS	S A E I	ECH COMMENT 1	ECH COMMENT 2	CHS OTHER COMMENT	AS	AL	R	C	O	C	P	CLA	BIN	FUNC	DN			
DIAG - CAC	COOL NG	NA	CLOSURE	2012	1FF7W1T001	FR	FR	TRKW	T.C3	AJ	21-04-12	TOWN FORD LINCOLN	1	1	0075	1	0	\$118	\$128.99	0	FN	WA														
DIAG - CAC	COOL NG	NA	CLOSURE	2012	1FF7W1T001	FR	FR	TRKW	T.C3	AJ	3-04-12	GARY SMITH FORD, INC	1	1	0075	1	0	\$507	\$510.00	\$118.00	0	FN	FL													
DIAG - CAC	COOL NG	NA	CLOSURE	2012	1FF7W1T001	FR	FR	TRKW	T.C3	AJ	28-04-12	OWATONA FORD/LINCOLN	1	1	0075	1	0	\$780	\$510.00	\$ 25	0	FN	MI													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	2-04-12	PURET CROCK FORD	1	1	0075	1	0	\$161	\$100.00	\$88.12	0	FN	WI													
DIAG - PD 35	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	8-04-12	TOWN & COUNTRY FORD	1	1	0075	1	0	\$10	\$200.00	\$ 20	0	FN	AL													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	18-04-12	JERRY FORD SALES LTD	1	1	0075	1	0	\$ 29	\$113.00	\$ 107.5	0	FN	AB													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	28-04-12	UPFRING FORD, INC	1	1	0075	1	0	\$32	\$25.10	\$306.3	0	FN	IL													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	18-04-12	LUTHER FAMILY FORD	1	1	0075	1	0	\$307	\$500.00	\$85.00	0	FN	ND													
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	25-04-12	ACCESS FORD LINCOLN	1	1	0075	1	0	\$137	\$371.26	\$633.89	0	FN	TX													
CAC	COOL NG	NA	NA	2012	1FF7W1T200	FR	FR	TRKW	T.C3	AF	15-04-12	TOWNE MOTOR COMPANY	1	1	0075	1	0	\$88	\$213.02	\$282.57	0	FN	OH													
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	28-04-12	PARIS FORD OF WESTLY CHAPEL	1	1	0075	1	0	\$266	\$719.42	\$83.3	0	FN	FL													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	1-04-12	STEVENS FORD LINCOLN	1	1	0075	1	0	\$ 3	\$216.92	\$368.85	0	FN	IA													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	20-04-12	WATSON QUALITY FORD	1	1	0075	1	0	\$33	\$218.42	\$331.7	0	FN	MS													
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	09-12	ROB BAKER FORD SALES INC	1	1	0075	1	0	\$207	\$517.52	\$688.18	0	FN	IL													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	8-Nov-12	BOB KENNEDY FORD INC	1	1	0077	1	0	\$32	\$50.00	\$ 1.78	0	FN	IL													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	28-04-12	ED SHERIDAN FORD, INC	1	1	0075	1	0	\$288	\$216.42	\$310.2	0	FN	AL													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	5-04-12	FRANER FORD SALES INC	1	1	0075	1	0	\$189	\$333.11	\$174.60	0	FN	OH													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	8-Nov-12	HUSON AUTOPLEX	1	1	0075	1	0	\$366	\$300.18	\$311.78	0	FN	LA													
CAC	COOL NG	NA	NA	2012	1FF7W1T200	FR	FR	TRKW	T.C3	AJ	26-04-12	PUB CITY FORD, INC	1	1	0075	1	0	\$607	\$215.21	\$381.89	0	FN	FL													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	5-04-12	GEORGE COLEMAN FORD	1	1	0080	1	0	\$88	\$200.00	\$86.52	0	FN	SC													
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	28-04-12	PRIME FORD	1	1	0075	1	0	\$8	\$585.85	\$485.93	0	FN	ME													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	28-04-12	MCCORMACK MOTORS, INC	1	1	0075	1	0	\$237	\$330.00	\$242.18	0	FN	SD													
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2012	1FF7W1T200	FR	FR	TRKW	T.C3	AF	2-04-12	MIKE FITZPATRICK FORD, INC	1	1	0075	1	0	\$11	\$5	\$482.38	0	FN	GA													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	7-04-12	HOMETOWN SERV CE LTD	1	1	0075	1	0	\$15	\$90.00	\$ 3.00	0	FN	MS													
DIAG - CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	28-04-12	KONORA FORD	1	1	0075	1	0	\$62	\$210.00	\$211.71	0	FN	CA													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	27-04-12	FARWAY FORD	1	1	0075	1	0	\$187	\$218.02	\$294.07	0	FN	OH													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	28-04-12	M MASS FORD, INC	1	1	0075	1	0	\$78	\$216.46	\$303.67	0	FN	IL													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	1-04-12	CHARLES BARLS FORD	1	1	0075	1	0	\$337	\$218.62	\$386.65	0	FN	PA													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AF	15-04-12	SESSONS AND KOLLER, INC	1	1	0075	1	0	\$27	\$218.22	\$325.27	0	FN	PA													
CAC	COOL NG	NA	NA	2012	1FF7W1T100	FR	FR	TRKW	T.C3	AJ	18-Nov-12	DECON AUTO CENTER, INC	1	1	0075	1	0	\$ 0	\$216.62	\$392.73	0	FN	IL													

Copy of 2012 MY 3.5L GTDI P415 Misfire Claims Post # 10-12 (6) (2) xls

PE13-018 006217

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**From:** Dixon, Mark (M.R.)  
**Sent:** Thursday, February 07, 2013 11:44 AM  
**To:** Saad, Thomas (T.J.); Jabbour, Paul (P.)  
**Subject:** RE: CAC Misfire Claims Binned to CCC E27

Tom, correct. Attached are the 2013 CAC misfire claims to date for reference. Not all of these will be in ECB.



Copy of 2013 CAC Misfire Claims to Date for Reference

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**From:** Saad, Thomas (T.J.)  
**Sent:** Thursday, February 07, 2013 11:31 AM  
**To:** Dixon, Mark (M.R.); Jabbour, Paul (P.)  
**Subject:** RE: CAC Misfire Claims Binned to CCC E27

Mark, just to clarify this is for CAC misfire only not COP misfire claims also.

**Tom Saad**  
**Ford Motor Company**  
Certified Black Belt 6 Sigma  
F150 PVT  
Powertrain Resident Engineer  
Dearborn Truck Plant  
313 805-9715  
[tsaad@ford.com](mailto:tsaad@ford.com)

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Thursday, February 07, 2013 10:52 AM  
**To:** Saad, Thomas (T.J.); Jabbour, Paul (P.)  
**Subject:** CAC Misfire Claims Binned to CCC E27

Tom/Paul, we got agreement at last week's CMQM to bin all 2013 MY CAC misfire claims to a new cooling CCC E27. Please rebin the claims you have to date and future claims. Thanks.

<< File: F150 GTDI CAC Misfire R.pptx >>

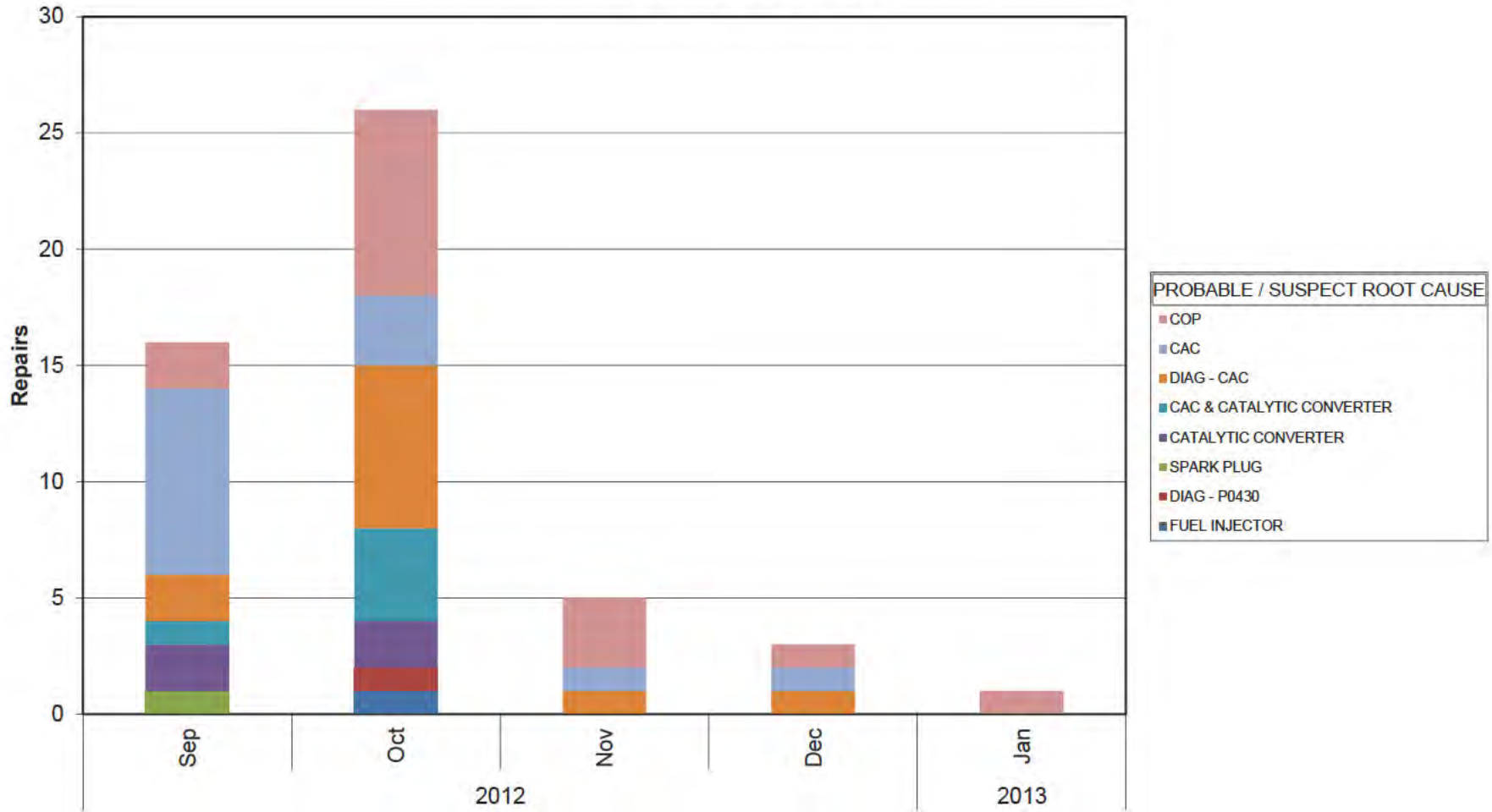
**Mark Dixon**  
Powertrain Quality  
Ford Motor Company  
Building 2 / 24K36  
<mailto:mdixon@ford.com>

Tel: (313) 805-7051

MODEL YEAR	ENGINE CODE	TRANS CODE	ASSY PLANT	PART NUMBER BASE	VFG CODE	LEAD RESPONSIBLE ACTIVITY
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Count of VIN

**2013 MY 3.5L GTDI P415 Misfire Claims Post 9/18/12**  
**AWS Load Date: 2/5/13**



Years PROD DATE

Mike Steslicki  
 (313) 805-9888

MODEL YEAR	(All)
ENGINE CODE	(All)
TRANS CODE	(All)
ASSY PLANT	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)
LEAD RESPONSIBLE ACTIVITY	(All)

Count of VIN		PROBABLE / SUSPECT ROOT CAUSE
Years	PROD DATE	FUEL INJECTOR
2012	Sep	
	Oct	1
	Nov	
	Dec	
2013	Jan	
Grand Total		1

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DIAG - P0430	SPARK PLUG	1
	1	

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	1	1
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CATALYTIC CONVERTER	CAC & CATALYTIC CONVERTER	
	2	1
	2	4
	4	5

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DIAG - CAC	CAC	
	2	8
	7	3
	1	1
	1	1
	11	13

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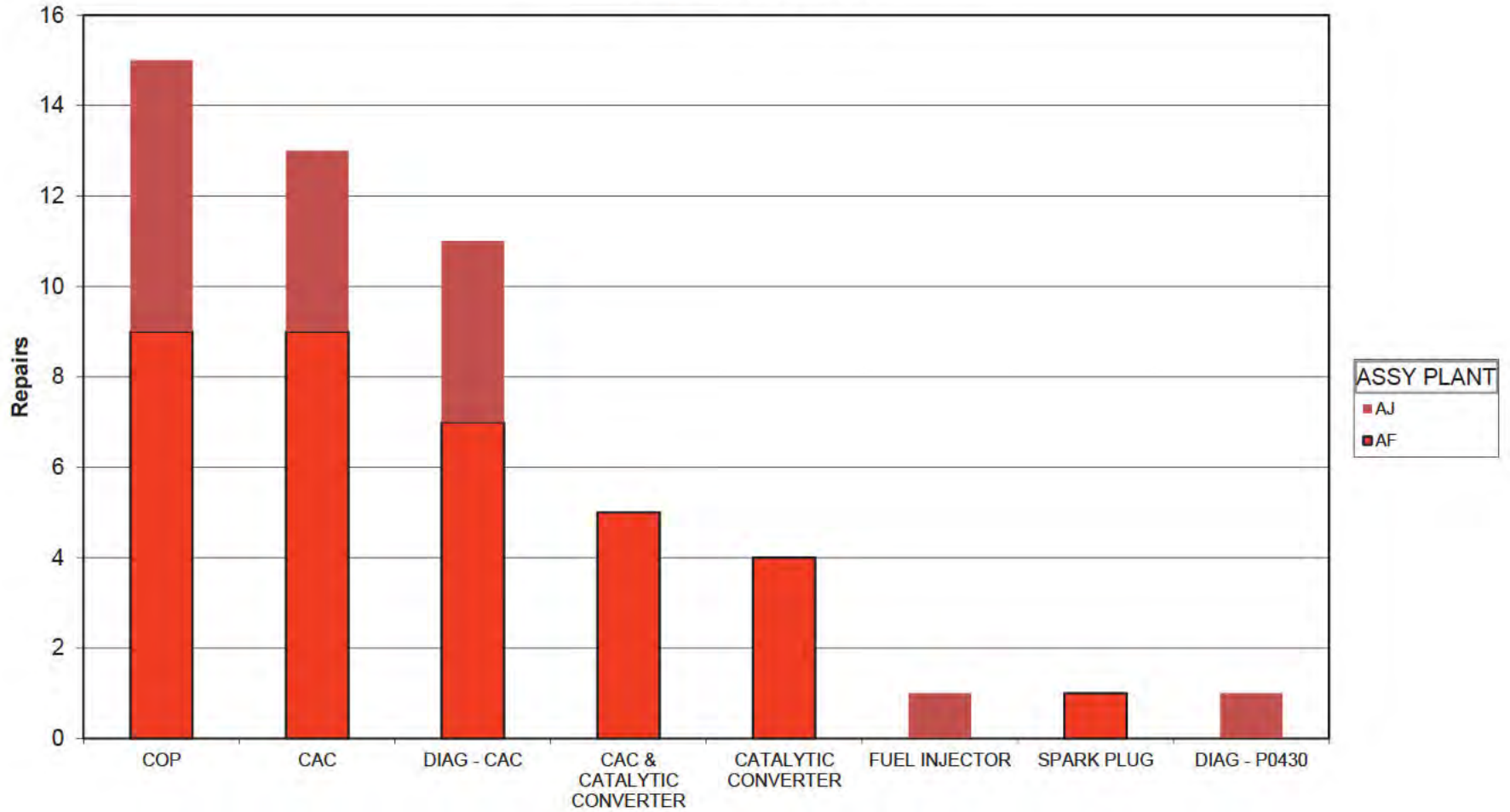
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COP	Grand Total
2	16
8	26
3	5
1	3
1	1
15	51

MODEL YEAR	ENGINE CODE	TRANS CODE	PART NUMBER	BASE VFG CODE	LEAD RESPONSIBLE ACTIVITY
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Count of VIN

**2013 MY 3.5L GTDI P415 Misfire Claims Post 9/18/12**  
**AWS Load Date: 2/5/13**



PROBABLE / SUSPECT ROOT CAUSE

Mike Steslicki  
 (313) 805-9888

MODEL YEAR	(All)
ENGINE CODE	(All)
TRANS CODE	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)
LEAD RESPONSIBLE ACTIVITY	(All)

Count of VIN PROBABLE / SUSPECT ROOT CAUSE	ASSY PLANT		Grand Total
	AF	AJ	
COP	9	6	15
CAC	9	4	13
DIAG - CAC	7	4	11
CAC & CATALYTIC CONVERTER	5		5
CATALYTIC CONVERTER	4		4
FUEL INJECTOR		1	1
SPARK PLUG	1		1
DIAG - P0430		1	1
Grand Total	35	16	51

# 2012 MY 3.5L GTDI P415 Misfire Claims

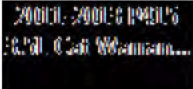
PROBABLE / MISFIRE RDO CAUSE	LEAD RESPONSIBLE AG IN Y	PAE DISPOSI DN	OCDS RECDR	DEL Y	VIN	TRIPLE I	R	MECHAN CC	ASBY PLAN	PROD DA F	INSTRAN Y	DEALERSHIP	PAN NUMBER	REPAIR DA F	IS	WREAG	MA TERIAL COB	O AL COB	R	S A E I	PROVINCE	ECH COMMENT 1	ECH COMMENT 2	CHS OTHER COMMENT	R	A	S	C	O	C	F	CLA R BINNED FUNC DN							
DIAG - CAC	COOL NG	NA	CLDRODIS	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	21-Sep-12	TOMMY FORD LINCOLN	001	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
DIAG - CAC	COOL NG	NA	CLDRODIS	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	3-Oct-12	GARY SMITH FORD, INC.	002	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
DIAG - CAC	COOL NG	NA	GLDAD018	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Sep-12	OWATONIA FORD/LINCOLN	003	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
DIAG - CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	3-Oct-12	PIRET CRODIS FORD	004	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
DIAG - PD 35	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	8-Oct-12	TOWN & COUNTRY FORD	005	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	18-Sep-12	JERRY FORD SALES LTD	006	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DIAG - CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	28-Sep-12	LIFTRNG FORD, INC.	007	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Oct-12	LUTHER FAMILY FORD	008	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Oct-12	ACCESS FORD/LINCOLN	009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	15-Oct-12	TOWER MOTOR COMPANY	010	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Oct-12	PARIS FORD OF WESTLEY CHAPEL	011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	1-Dec-12	STEVENS FORD LINCOLN	012	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Sep-12	WATSON QUALITY FORD	013	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	08-12	ROD BANKER FORD & SONS, INC.	014	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DIAG - CAC	COOL NG	NA	DAVE YODD	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	8-Nov-12	BOB KEENE FORD INC.	015	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Sep-12	ED SHERLING FORD, INC.	016	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIAG - CAC	COOL NG	NA	DAVE YODD	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	3-Oct-12	FRASER FORD SALES INC.	017	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	8-Nov-12	HUSON AUTOPLEX	018	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIAG - CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	30-Sep-12	HUB CITY FORD, INC.	019	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC & CATALYTIC CONVERTER	COOL NG	NA	DAVE YODD	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	3-Oct-12	GEORGE COLEMAN FORD	020	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Sep-12	FRIME FORD	021	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	DAVE YODD	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Oct-12	MCCORMACK MOTORS, INC.	022	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAC & CATALYTIC CONVERTER	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	2-Oct-12	MIKE FITZPATRICK FORD, INC.	023	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIAG - CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	7-Dec-12	HOMETOWN SERV CE LTD	024	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIAG - CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Oct-12	SONOMA FORD	025	DAAG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	27-Sep-12	FAIRWAY FORD	026	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AJ	28-Sep-12	JM BASS FORD, INC.	027	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	28-Sep-12	CHARLES BASS FORD	028	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	SAVONAN	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	15-Oct-12	SESSONS AND KOLLER, INC.	029	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAC	COOL NG	NA	NA	2013	1FTFW1E1E02	F	FR	TRKW	T03	AF	18-Sep-12	DECONARD AUTO CENTER, INC.	030	L	0675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PE13-018 006228

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**From:** Wilson, Marie (M.)  
**Sent:** Wednesday, June 05, 2013 4:03 PM  
**To:** Britton, Eric (E.J.)  
**Subject:** RE: F-150 CAC

Here are the slides we reviewed with Robert yesterday. All these slides represent catalyst warranty for all causes not just related to CAC. The first two slides were created by the Exhaust Systems group and the third slide I created with data supplied by the Exhaust Systems group.. Please let me know if you have any questions.



Marie Wilson  
Ford Motor Company  
Vehicle Environmental Engineering  
Homologation & Compliance  
Phone: 313-248-2404 [MWILSO18@FORD.COM](mailto:MWILSO18@FORD.COM)

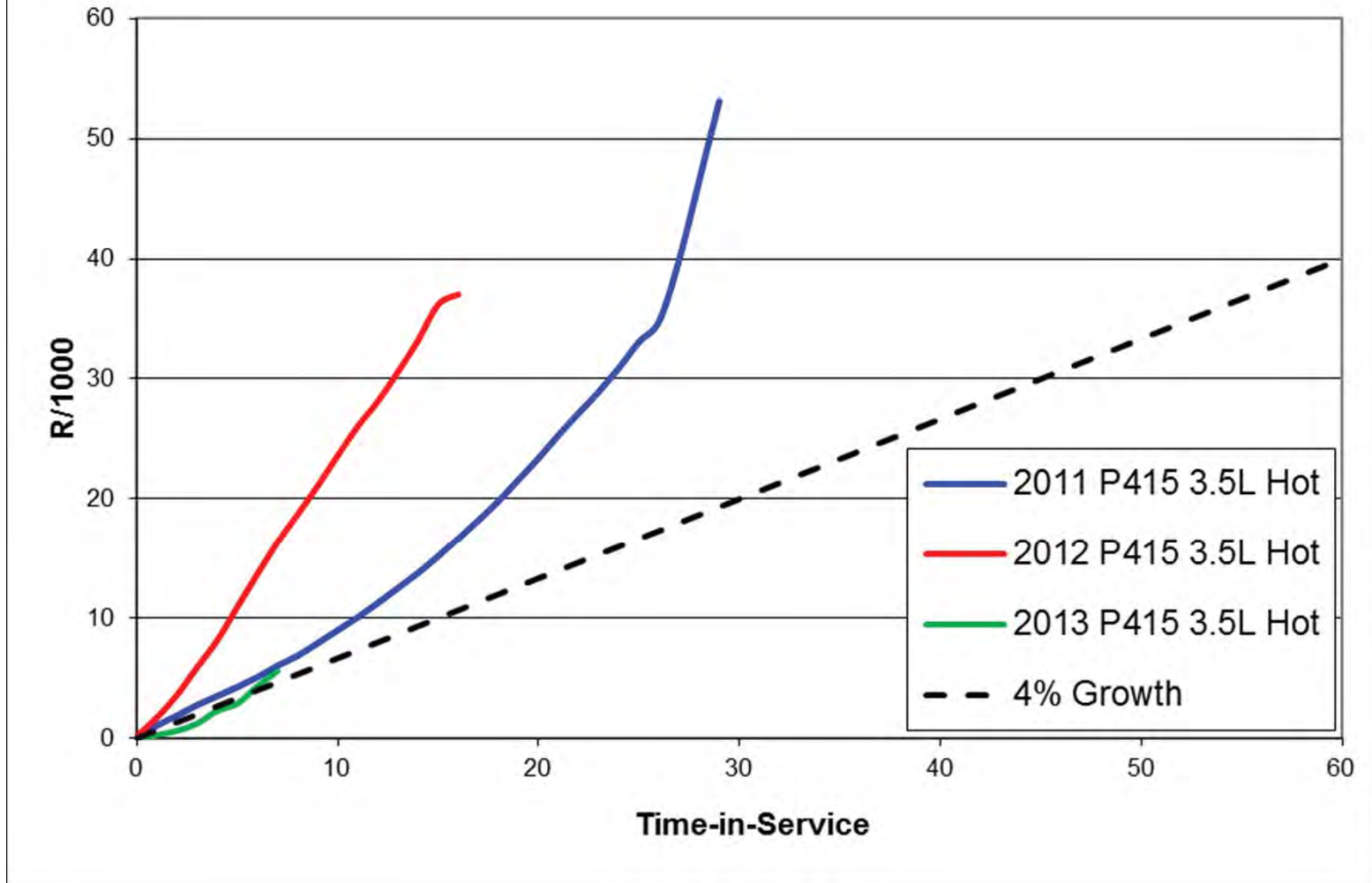
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**From:** Britton, Eric (E.J.)  
**Sent:** Wednesday, June 05, 2013 12:00 PM  
**To:** Wilson, Marie (M.)  
**Subject:** F-150 CAC

Can you send me a copy of the graph you presented to Robert?

*Eric Britton*  
Government Investigations  
Tel. 313-323-2966  
Fax: 313-594-2268

### 2011-2013 F150 3.5L Catalyst Replacements All Causes





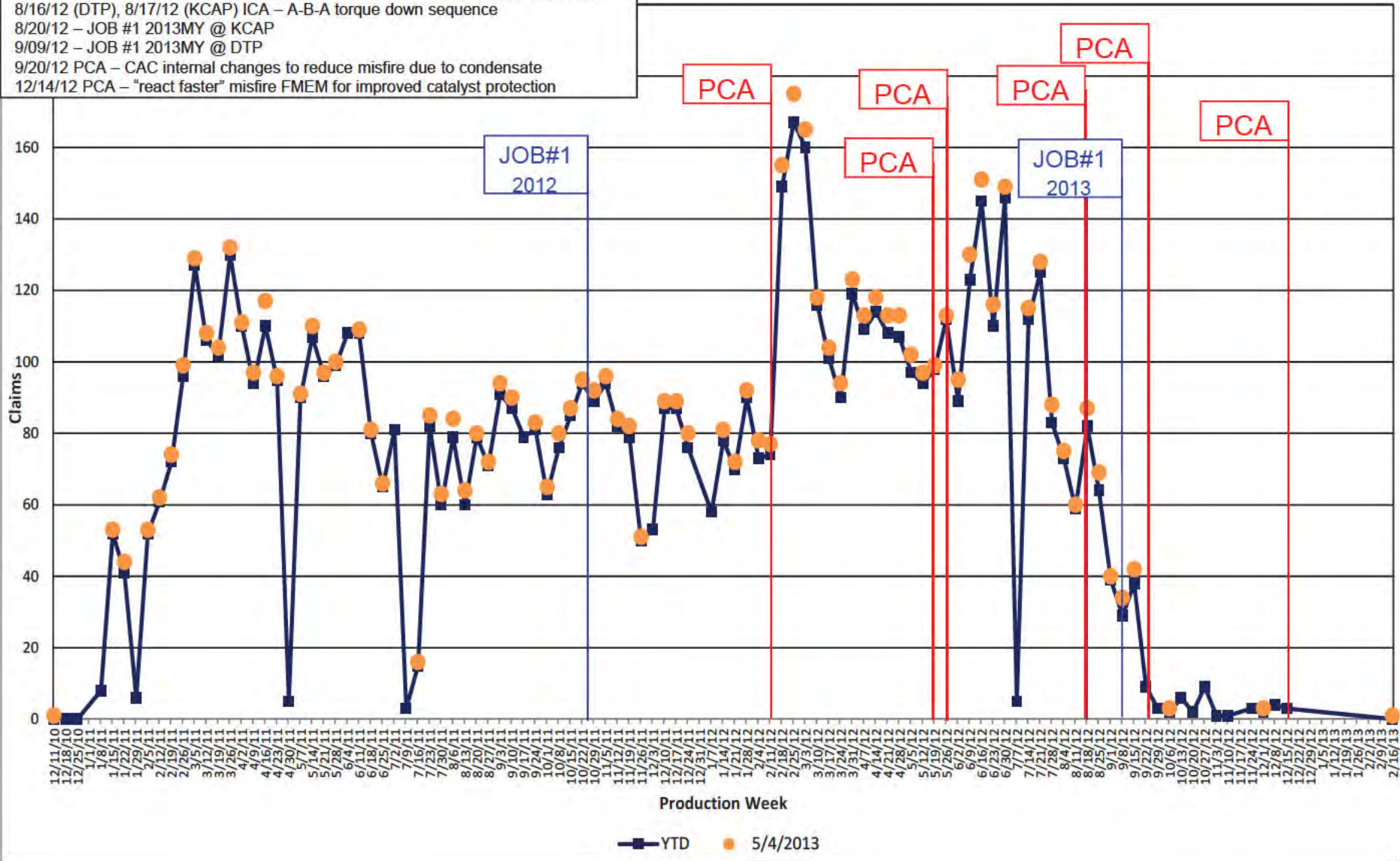
Total Claims Last Week: 236

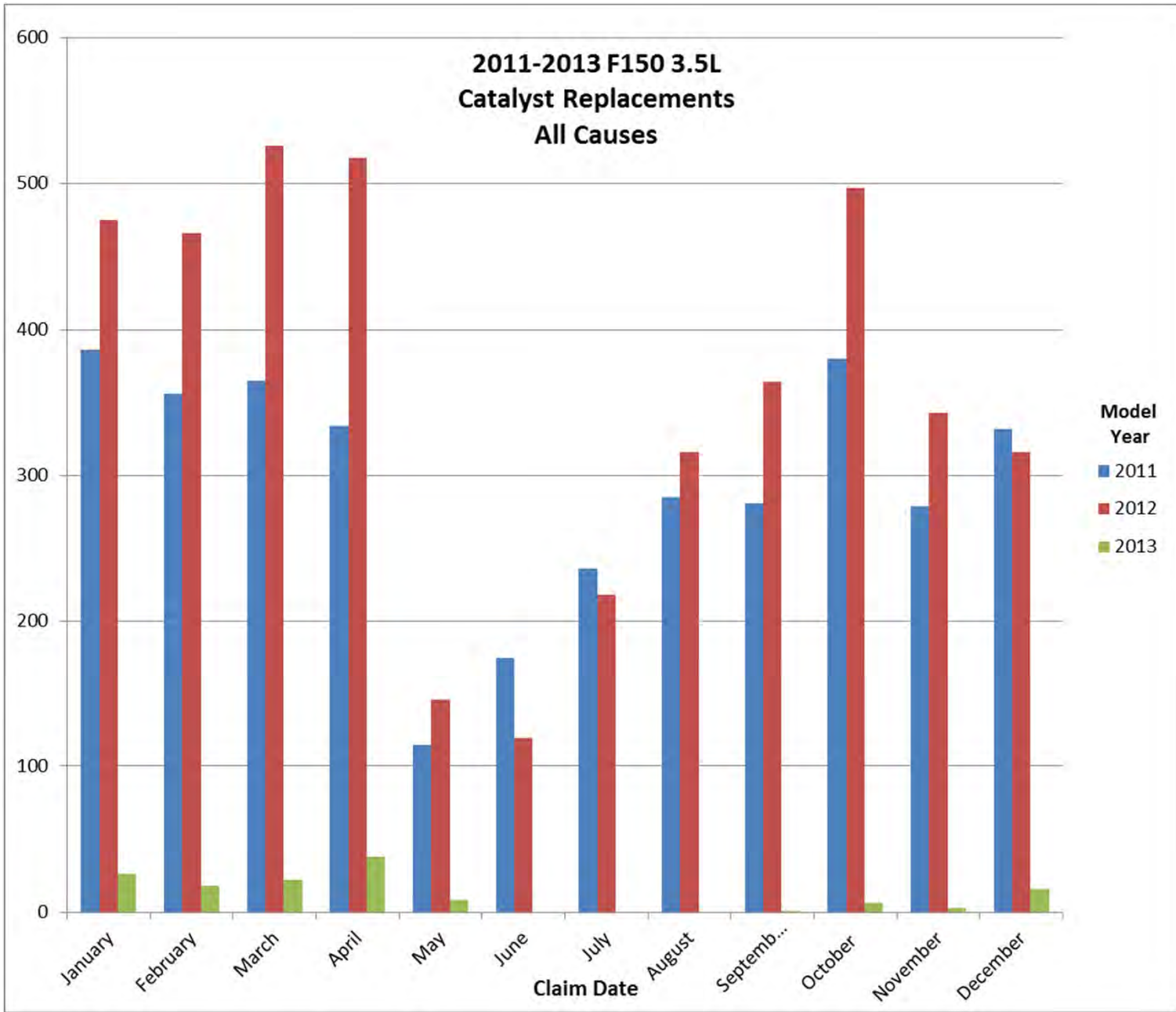
### 2011-13MY Distribution of Current Load Week Claims vs. YTD Claims T/F6 F-150 5E212 Catalytic Converter - GTDI Engine only

Total Claims( 2011-2013MY): 7694

Production Actions: 10/24/11 JOB #1 2012  
2/7/12 PCA - Calibration update for P0430 DTC (TSB 12-02-10)  
5/17/12 PCA - added CAC air deflector plate (TSB 12-06-04)  
5/24/12 PCA - R11 Calibration update; misfire FMEM for added catalyst protection  
8/16/12 (DTP), 8/17/12 (KCAP) ICA - A-B-A torque down sequence  
8/20/12 - JOB #1 2013MY @ KCAP  
9/09/12 - JOB #1 2013MY @ DTP  
9/20/12 PCA - CAC internal changes to reduce misfire due to condensate  
12/14/12 PCA - "react faster" misfire FMEM for improved catalyst protection

YTD Item





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**From:** Gariepy, Arthur (A.P.)  
**Sent:** Tuesday, March 26, 2013 1:49 PM  
**To:** Andersen, Erik (E.)  
**Subject:** RE: P415/**RF** water data  
**R**

Yes and no... It's a pass if there is no water present. If there IS water present then there is another evaluation to do, and if you can do that evaluation without any lights, codes, or loss of function/performance, then it's a pass. So you can still have some water present and still meet our requirement.

But the chart below seems to suggest that the CAC change fixed the P415 issue. Correct? If so, then why do we think we have an AIS issue?

Regards,  
*Arthur P. Gariepy*  
Vehicle Integration Attribute Engineer  
B and C car DVP & Water Management  
313-805-0523

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**From:** Andersen, Erik (E.)  
**Sent:** Thursday, March 21, 2013 8:51 AM  
**To:** Gariepy, Arthur (A.P.); Jiang, Tao (USA.)  
**Cc:** Michaels, Victor (J.)  
**Subject:** RE: P415/U22X water data

Thanks Art. The problem we have is that we don't know how to quantify the effect of water ingestion on this issue. P415 has had a condensate issue, but we need a method to separate out the condensate contribution and ingestion contribution. That has been our continual struggle. When we did this on **RFR** it took a lot of testing and questionable data to figure out that we were pulling in water from the external environment versus generating condensation.

This test looks similar to what we did on **RFR**. Looks like you will be using Video to assess presence of water. Is this just a pass / fail based on that?

Erik Andersen  
Core P/T Cooling  
[eanderse@ford.com](mailto:eanderse@ford.com)  
313-805-2966

---

**From:** Gariepy, Arthur (A.P.)  
**Sent:** Wednesday, March 20, 2013 9:33 AM  
**To:** Andersen, Erik (E.); Jiang, Tao (USA.)  
**Cc:** Michaels, Victor (J.)  
**Subject:** RE: P415/U22X water data

There is a test for AIS water ingestion, new to NA so it wasn't run on P415 (attached). But from the warranty data below, it looks like CAC condensation was the issue. The CAC team has a test for that, but I agree that our test does not catch it.

Are the issues you're referring to AIS, CAC, both, or other?

Regards,

**Arthur P. Gariepy**

Vehicle Integration Attribute Engineer  
B and C car DVP & Water Management  
313-805-0523

---

**From:** Andersen, Erik (E.)  
**Sent:** Wednesday, March 20, 2013 8:52 AM  
**To:** Gariepy, Arthur (A.P.); Jiang, Tao (USA.)  
**Cc:** Michaels, Victor (J.)  
**Subject:** RE: P415/U22X water data

Thanks Art....

I think where we need the most help is developing the test to assess this and establishing the pass / fail criteria. As far as I know there is no specific test defined for this issue currently, but based on some of the issues we have seen it's looking like we need one.

Erik Andersen  
Core P/T Cooling  
[eanderse@ford.com](mailto:eanderse@ford.com)  
313-805-2966

---

**From:** Gariepy, Arthur (A.P.)  
**Sent:** Tuesday, March 19, 2013 1:47 PM  
**To:** Andersen, Erik (E.); Jiang, Tao (USA.)  
**Cc:** Michaels, Victor (J.)  
**Subject:** RE: P415/U22X water data

Erik,  
What help do you need with regards to AIS rain ingestion?

Regards,

**Arthur P. Gariepy**

Vehicle Integration Attribute Engineer  
B and C car DVP & Water Management  
313-805-0523

---

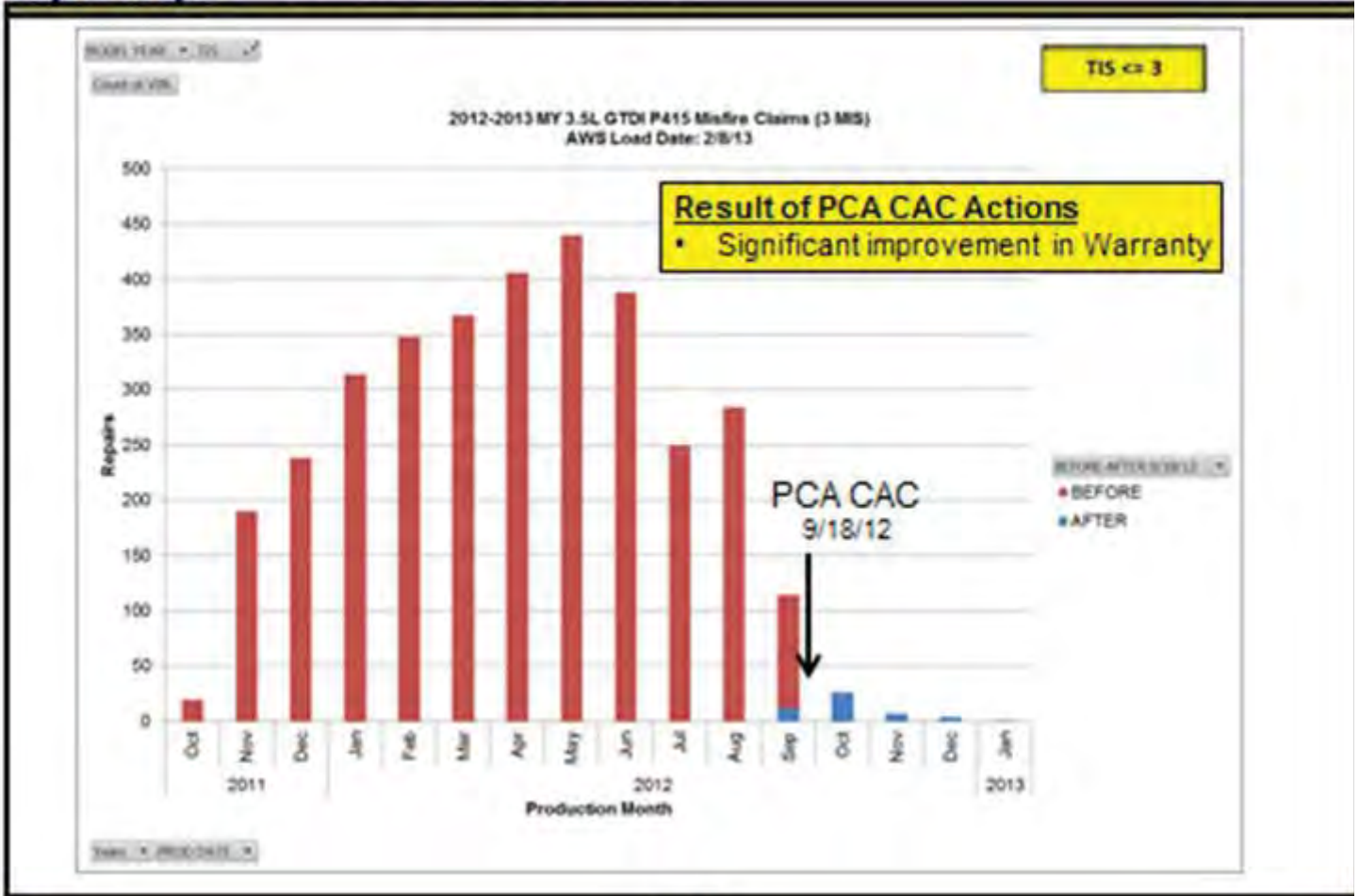
**From:** Andersen, Erik (E.)  
**Sent:** Friday, March 08, 2013 8:10 AM  
**To:** Jiang, Tao (USA.)  
**Cc:** Gariepy, Arthur (A.P.)  
**Subject:** RE: P415/U22X water data

The warranty data? Here is what we looked at. Looks like a QSF could be opened next week.



Design for Six Sigma

# Boosted Engine Misfire



Ford Proprietary

Page 4

Doc: 26201

Erik Andersen  
 Core P/T Cooling  
[eanderse@ford.com](mailto:eanderse@ford.com)  
 313-805-2966

**From:** Jiang, Tao (USA.)  
**Sent:** Friday, March 08, 2013 7:24 AM  
**To:** Andersen, Erik (E.)  
**Cc:** Gariepy, Arthur (A.P.)  
**Subject:** P415/U22X water data

Erik, Would you please send me the data you presented to me in our meeting last time? I like to share it with my manager on Monday. Thanks

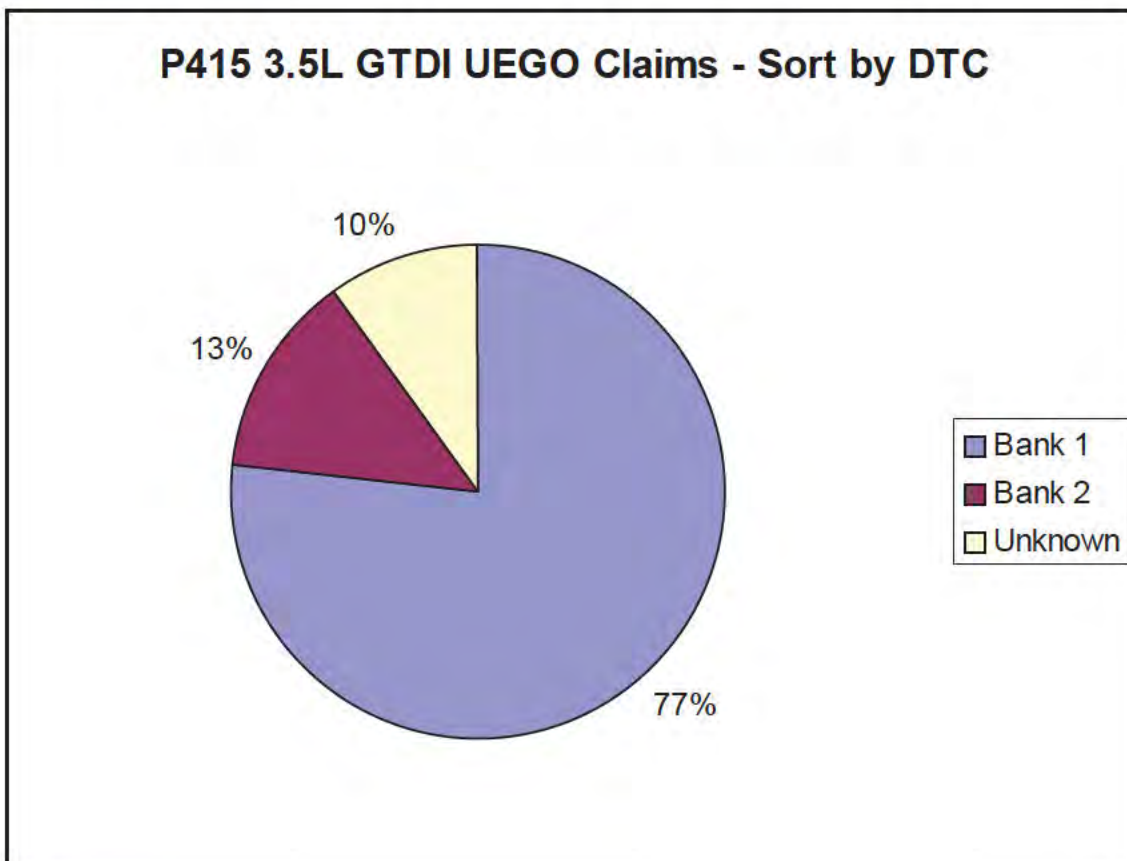
*Tao Jiang* Ph.D  
 Supervisor, Vehicle Integration Attribute  
 313-805-6033  
 North American Product Development  
 Ford Motor Company

PDC #5215, Cube 1H-H51, MD 155  
20901 Oakwood Boulevard, Dearborn, MI 48124-4077

**From:** Wagers, Sue (S.K.)  
**Sent:** Friday, October 14, 2011 10:05 AM  
**To:** Steslicki, Michael (M.E.); Ahmed, Masood (M.); Bailey, Owen (O.R.); Boerger, Jim (J.G.); Boughan, Alex (A.B.); Cervenak, Neil (N.J.); Cockerill, Al (C.A.); Crudo, Frank (F.J.); Dame, Andrew (A.C.); Dixon, Mark (M.R.); Dobbs, Dan (K.D.); Dodds, Jordan (J.); Donahue, Francis (Fran.); Early, Curt (C.G.); Fodera, Jas (J.J.); Galas, Dean (C.K.); Heck, Kevin (K.C.); Holland, Del (D.); Holmes, Douglas (D.A.); Huck, David (D.E.); Klomp, Karl (K.R.); Langley, Scott (C.S.); Liebling, Doug (D.E.); Mazuchowski, James (J.A.); McDonagh, Scot (S.M.); Merrell, Robert (R.J.); Miller, Brian (B.J.); Moore, Andrew (R.); Morrow, Bill (N.W.); Nevels, Laurence (L.); Nowaczyk, Rick (R.J.); Osepchook, William (W.R.); Oyafuso, Kevin (K.G.); Parnell, Bill (W.); Reno, George (G.L.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); Saad, Thomas (T.J.); Siddall, Stephen (S.); Sims, Ivan (I.D.); Skurko, Jennifer (J.J.); Smith, Craig (C.A.); Sparks, Douglas (D.S.); Stanley, Daniel (D.J.); Treusch, Christopher (C.J.); Wodzisz, Ken (K.R.); Zimlich, Mary (M.)  
**Subject:** RE: 2011 MY 3.5L GTDI P415 Misfire Daily AWS Claims (10/14/11)

To clarify - The bulk of the claims for UEGO were right bank faults largely attributed to harness chafe issue; sensor was TNI.

Will continue to monitor.



**Sue Wagers**  
Supervisor - Global Core Gasoline Engine Controls  
Global Powertrain Controls Systems Engineering  
Dearborn - Building 2 Room 22H38  
E-mail [swagers@ford.com](mailto:swagers@ford.com)  
Tel: (313) 805 7177  
**ONE FORD: ONE Plan - ONE Team - ONE Goal**

---

**From:** Steslicki, Michael (M.E.)  
**Sent:** Friday, October 14, 2011 7:54 AM  
**To:** Ahmed, Masood (M.); Bailey, Owen (O.R.); Boerger, Jim (J.G.); Boughan, Alex (A.B.); Cervenak, Neil (N.J.); Cockerill, Al (C.A.); Crudo, Frank (F.J.); Dame, Andrew (A.C.); Dixon, Mark (M.R.); Dobbs, Dan (K.D.); Dodds, Jordan (J.); Donahue, Francis (Fran.); Early, Curt (C.G.); Fodera, Jas (J.J.); Galas, Dean (C.K.); Heck, Kevin (K.C.); Holland, Del (D.); Holmes, Douglas (D.A.); Huck, David (D.E.); Klomp, Karl (K.R.); Langley, Scott (C.S.); Liebling, Doug (D.E.); Mazuchowski, James (J.A.); McDonagh, Scot (S.M.); Merrell, Robert (R.J.); Miller, Brian (B.J.); Moore, Andrew (R.); Morrow, Bill (N.W.); Nevels, Laurence (L.); Nowaczyk, Rick (R.J.); Osepchook, William (W.R.); Oyafuso, Kevin (K.G.); Parnell, Bill (W.); Reno, George (G.L.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); Saad, Thomas (T.J.); Siddall, Stephen (S.); Sims, Ivan (I.D.); Skurko, Jennifer (J.J.); Smith, Craig (C.A.); Sparks, Douglas (D.S.); Stanley, Daniel (D.J.); Treusch, Christopher (C.J.); Wagers, Sue (S.K.); Wodzisz, Ken (K.R.); Zimlich, Mary (M.)  
**Subject:** 2011 MY 3.5L GTDI P415 Misfire Daily AWS Claims (10/14/11)

**Nineteen claims today**

- (9) Catalytic Converter
- (4) Diag - Misfire
- (3) Spark Plug
- (2) COP
- (1) Fuel Injector

I have also been asked to add UEGO sensor claims to this file. These claims (234 since J1) are added below today's new claims and are highlighted in blue.

<< File: 2011 MY 3.5L GTDI P415 Misfire Claims.xls >>

Mike Steslicki  
Quality Analyst  
Ford Motor Company  
Powertrain Engineering  
(313) 805-9888



---

**From:** Dixon, Mark (M.R.)  
**Sent:** Monday, February 04, 2013 11:18 AM  
**To:** Leisenring, Kenneth (K.C.); Cervenán, Neil (N.J.); Ronzi, Bill (W.C.)  
**Cc:** McDonagh, Scot (S.M.); Smith, Craig (C.A.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

Ken, yes, we have 1 and 2 MIS data. Meant to include you on attached email.

Neil, lets plan to update Joe on this tomorrow. Bill, any information on a service fix as this is heading for QSF levels.



RE: P415 GTDI Misfire - CAC moisture  
C:\Documents\Ken L...  
...

---

**From:** Leisenring, Kenneth (K.C.)  
**Sent:** Monday, February 04, 2013 10:08 AM  
**To:** Dixon, Mark (M.R.); Cervenán, Neil (N.J.)  
**Cc:** McDonagh, Scot (S.M.); Smith, Craig (C.A.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

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Thanks.

**Ken Leisenring**  
Manager, Powertrain Calibration  
Cell: (313) 805-5459  
[kleisenr@ford.com](mailto:kleisenr@ford.com)

---

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**Sent:** Tuesday, January 22, 2013 4:33 PM  
**To:** Leisenring, Kenneth (K.C.); Cervenán, Neil (N.J.); Smith, Craig (C.A.)  
**Cc:** McDonagh, Scot (S.M.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

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Who did you invite the previous 20 times this issue was reviewed in the FQR and it was allegedly solved? I's like to hear what they have to say.

On a serious note, I think Craig Smith knows who is currently leading this investigation for the Cooling team.

**Ken Leisenring**

Manager, Powertrain Calibration

Cell: (313) 805-5459 – *note: back to old number*

[kleisenr@ford.com](mailto:kleisenr@ford.com)

---

**From:** Cervenán, Neil (N.J.)  
**Sent:** Tuesday, January 22, 2013 3:36 PM  
**To:** Leisenring, Kenneth (K.C.)  
**Cc:** Dixon, Mark (M.R.); McDonagh, Scot (S.M.)  
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Ken,

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Who from the PTI Cooling team should I invite to the FQR to present their status to Joe?

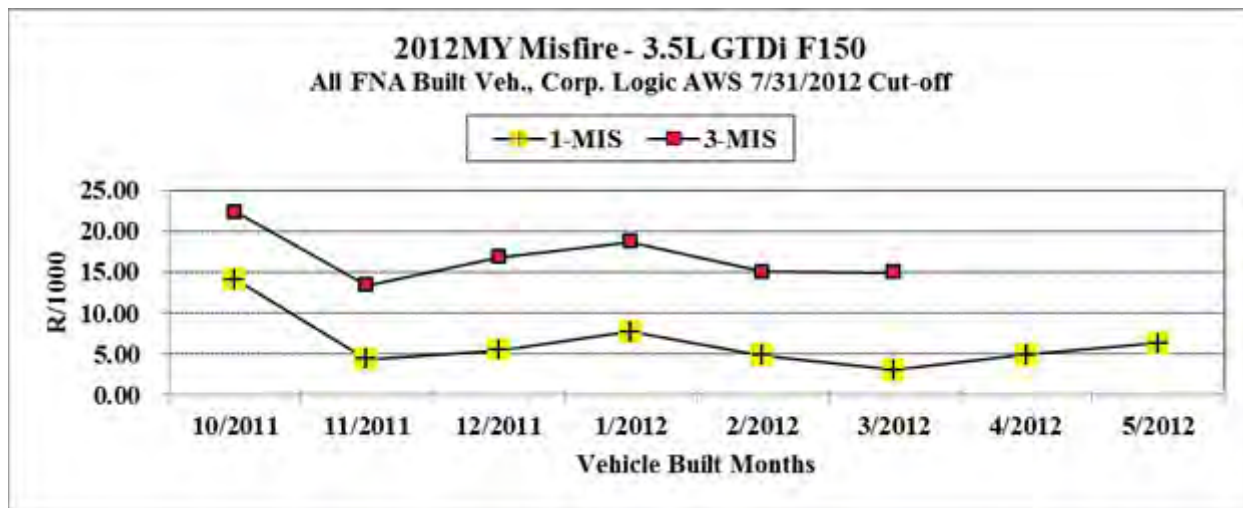
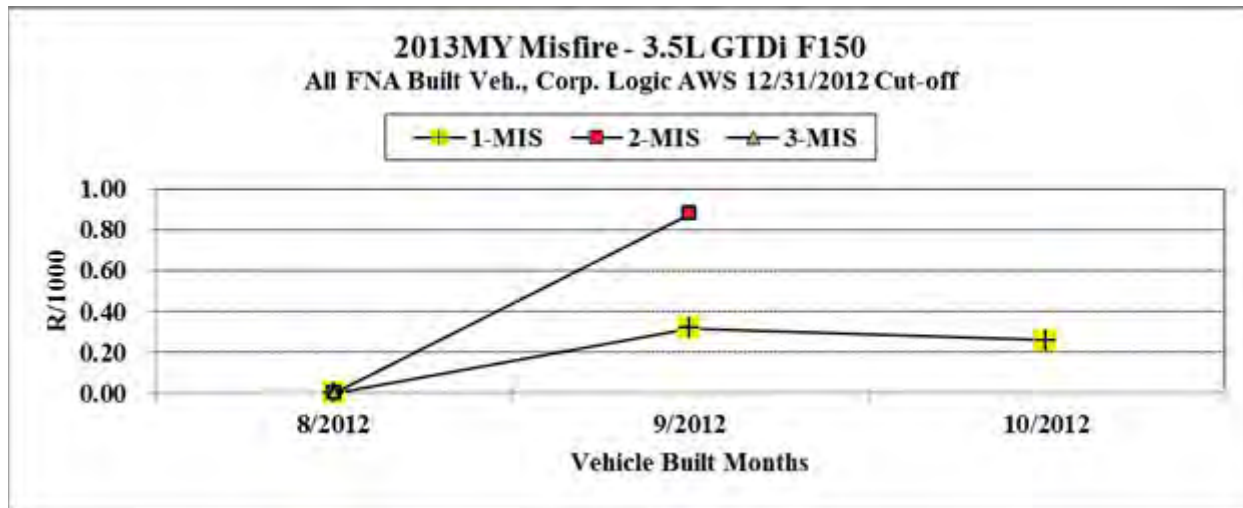
Thanks,

Neil Cervenán    313-805-7036  
[ncervena@ford.com](mailto:ncervena@ford.com)    Bldg #2 24Q34

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, January 29, 2013 4:22 PM  
**To:** Ng, Paul (P.K.)  
**Cc:** Andersen, Erik (E.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); McDonagh, Scot (S.M.); Smith, Craig (C.A.); Jabbour, Paul (P.); Galas, Dean (C.K.); Sparks, Douglas (D.S.); Kramer, Michael (M.T.); Steslicki, Michael (M.E.)  
**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Paul, thanks.

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**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Mark,

The R/1000 is at the 3.5L GTDi P415 level. If you want me to work up R/1000 values for total F150 or F-Series (LD and HD) then just let me know.

Paul

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**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Thanks Paul. Is this at the GTDI or total F Series level?

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**Subject:** RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

Mark,

Attach is the R/1000 Trend and Stack chart you requested.  
<< File: 13MY F150 GDTi Misfire.xlsx >>

Paul

---

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Paul, using the same approach as you used before, can you take the claims in Mikes note below (which represent all the CAC misfire claims since the new cooler was introduced Sept 18) and calculate a 1 and 2 MIS R/1000 trend? Probably too early for a 3 MIS number until the Jan cutoff. Attached is the file you created the last time you ran the data from Mikes claims.

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**Sent:** Tuesday, January 22, 2013 5:57 AM

**To:** Ahmed, Masood (M.); Bailey, Owen (O.R.); Boerger, Jim (J.G.); Bollman, Wes (W.); Cervenak, Neil (N.J.); Cockerill, Al (C.A.); Crudo, Frank (F.J.); Dame, Andrew (A.C.); Dixon, Mark (M.R.); Dobbs, Dan (K.D.); Dumler, Jeff (J.D.); Early, Curt (C.G.); Fodera, Jas (J.J.); Galas, Dean (C.K.); Heck, Kevin (K.C.); Holland, Del (D.); Holmes, Douglas (D.A.); Hwang, Sheng-Jiaw (S.J.); Klomp, Karl (K.R.); Langley, Scott (C.S.); Liebling, Doug (D.E.); Mazuchowski, James (J.A.); McCoy, Jim (D.); McDonagh, Scot (S.M.); McNamara, Patrick (P.S.); Merrell, Robert (R.J.); Miller, Brian (B.J.); Moore, Andrew (R.); Morrow, Bill (N.W.); Nevels, Laurence (L.); Nowaczyk, Rick (R.J.); Osepchok, William (W.R.); Oyafuso, Kevin (K.G.); Parnell, Bill (W.); Reno, George (G.L.); Ridolfi, Dominic (D.R.); Ronzi, Bill (W.C.); Ruppert, Dave (D.R.); Saad, Thomas (T.J.); Schiltges, Dave (D.); Siddall, Stephen (S.); Sims, Ivan (I.D.); Skurko, Jennifer (J.J.); Smith, Craig (C.A.); Sparks, Douglas (D.S.); Stanley, Daniel (D.J.); Treusch, Christopher (C.J.); Wagers, Sue (S.K.); Wodzisz, Ken (K.R.); Zimlich, Mary (M.)

**Subject:** 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13)

**Four new claims from the last four days**

(2) CAC

(1) CAC & Catalytic Converter

(1) Diag - Misfire

<< File: 2013 MY 3.5L GTDI P415 Misfire Claims Post 9-18-12.xlsx >>

Mike Steslicki

Quality Analyst

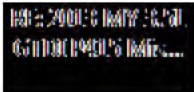
Ford Motor Company

Powertrain Engineering

(313) 805-9888

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**From:** McDonagh, Scot (S.M.)  
**Sent:** Monday, February 04, 2013 10:18 AM  
**To:** Leisenring, Kenneth (K.C.); Dixon, Mark (M.R.); Cervenak, Neil (N.J.)  
**Cc:** Smith, Craig (C.A.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture



Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

---

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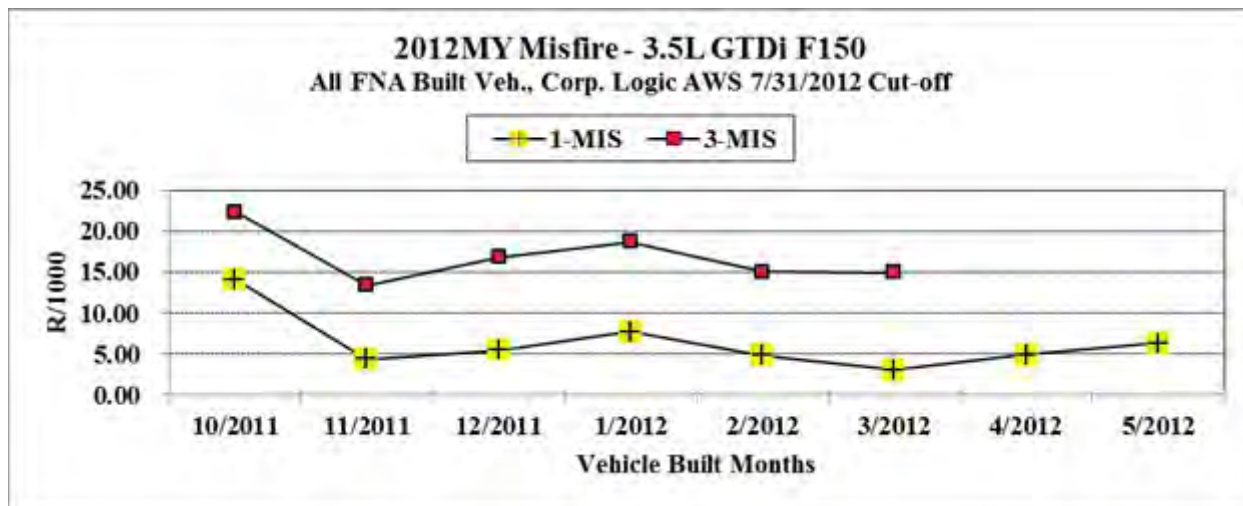
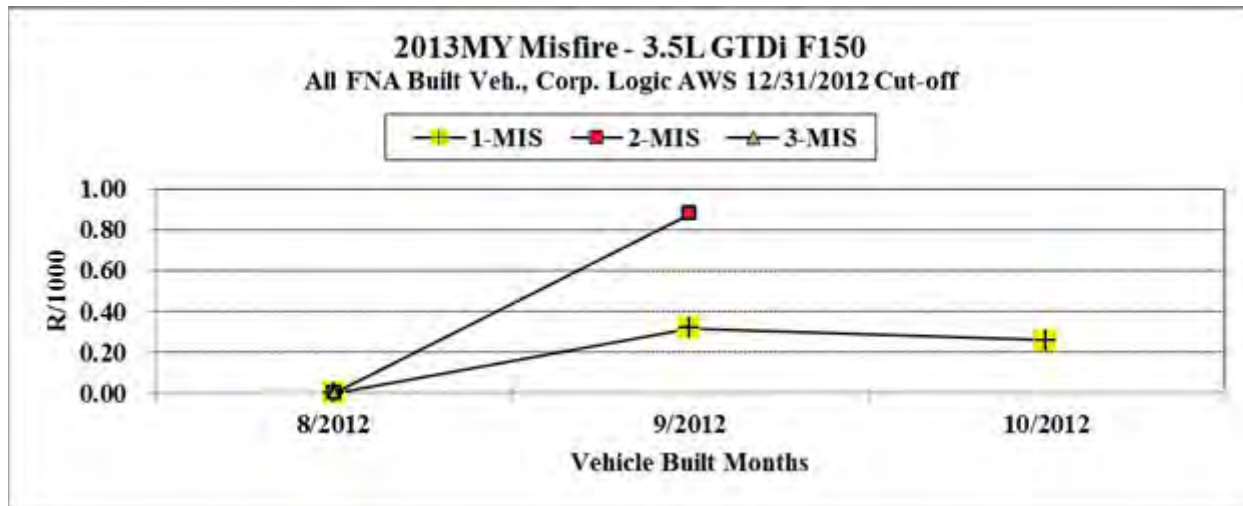
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Mike Steslicki

Quality Analyst

Ford Motor Company

Powertrain Engineering

(313) 805-9888

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**To:** Dixon, Mark (M.R.)  
**Cc:** Smith, Craig (C.A.); Leisenring, Kenneth (K.C.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

Sowards advised he is testing a proposed CAC revision at DTF this weekend with our 13MY truck ..... Assuming Roush gets the revised CAC instrumented in time

Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

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**From:** Dixon, Mark (M.R.)  
**Sent:** Monday, February 04, 2013 11:18 AM  
**To:** Leisenring, Kenneth (K.C.); Cervenán, Neil (N.J.); Ronzi, Bill (W.C.)  
**Cc:** McDonagh, Scot (S.M.); Smith, Craig (C.A.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

Ken, yes, we have 1 and 2 MIS data. Meant to include you on attached email.

Neil, lets plan to update Joe on this tomorrow. Bill, any information on a service fix as this is heading for QSF levels.

<< Message: RE: 2013 MY 3.5L GTDI P415 Misfire Daily AWS Claims (Post 9/18/12 Vehicle Build Date) - (1/22/13) >>

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**From:** Leisenring, Kenneth (K.C.)  
**Sent:** Monday, February 04, 2013 10:08 AM  
**To:** Dixon, Mark (M.R.); Cervenán, Neil (N.J.)  
**Cc:** McDonagh, Scot (S.M.); Smith, Craig (C.A.)  
**Subject:** RE: P415 GTDI Misfire - CAC moisture

Did we ever get an R/1000 estimate for before and after the CAC PCA? This should come into Joe Baum's FQR tomorrow as well.

Thanks.

**Ken Leisenring**  
Manager, Powertrain Calibration  
Cell: (313) 805-5459  
[kleisenr@ford.com](mailto:kleisenr@ford.com)

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, January 22, 2013 4:33 PM

**To:** Leisenring, Kenneth (K.C.); Cervenán, Neil (N.J.); Smith, Craig (C.A.)

**Cc:** McDonagh, Scot (S.M.)

**Subject:** RE: P415 GTDI Misfire - CAC moisture

Mike Kramer is the cooling supervisor we need to invite. I asked Paul Ng to take the latest misfire claims file for vehicles with the new CAC (post 9/18 production) and calculate the R/1000 improvement. Should have a 1 and 2 MIS number to compare against the old CAC data.

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**From:** Leisenring, Kenneth (K.C.)

**Sent:** Tuesday, January 22, 2013 3:38 PM

**To:** Cervenán, Neil (N.J.); Smith, Craig (C.A.)

**Cc:** Dixon, Mark (M.R.); McDonagh, Scot (S.M.)

**Subject:** RE: P415 GTDI Misfire - CAC moisture

Who did you invite the previous 20 times this issue was reviewed in the FQR and it was allegedly solved? I'd like to hear what they have to say.

On a serious note, I think Craig Smith knows who is currently leading this investigation for the Cooling team.

**Ken Leisenring**

Manager, Powertrain Calibration

Cell: (313) 805-5459 – *note: back to old number*

[kleisenr@ford.com](mailto:kleisenr@ford.com)

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**From:** Cervenán, Neil (N.J.)

**Sent:** Tuesday, January 22, 2013 3:36 PM

**To:** Leisenring, Kenneth (K.C.)

**Cc:** Dixon, Mark (M.R.); McDonagh, Scot (S.M.)

**Subject:** P415 GTDI Misfire - CAC moisture

Ken,

The P415 GTDI issue for 'continued moisture in CAC & misfire after CAC update' is an emerging issue @ 48% QSF threshold.

Who from the PTI Cooling team should I invite to the FQR to present their status to Joe?

Thanks,

Neil Cervenán 313-805-7036

[ncervena@ford.com](mailto:ncervena@ford.com) Bldg #2 24Q34

**From:** Caesar, Cynthia (C.L.)  
**Sent:** Tuesday, June 05, 2012 9:07 AM  
**To:** Smith, Craig (C.A.); McDonagh, Scot (S.M.)  
**Cc:** Dixon, Mark (M.R.); Oyafuso, Kevin (K.G.); Gernant, Tim (T.R.)  
**Subject:** RE: P415 Misfire FF Data

Yes I received the request but it is a slow process to pull that many by VIN. So far the FF data has P03xx as well as P0430 codes. All of the FLI readings have been above 40%. Most are in > 90%.

Cynthia Caesar  
 Powertrain Quality - Senior Engineer  
 Bldg #2 24N36 84-56115

**From:** Smith, Craig (C.A.)  
**Sent:** Tuesday, June 05, 2012 8:36 AM  
**To:** McDonagh, Scot (S.M.); Caesar, Cynthia (C.L.)  
**Cc:** Dixon, Mark (M.R.); Oyafuso, Kevin (K.G.); Gernant, Tim (T.R.)  
**Subject:** RE: P415 Misfire FF Data

Unfortunately, it could take some period for the P0430 to set after the misfire event occurred. The FLI when P0430 code gets set is not likely the same as when the misfire occurred. Please keep this in mind.

Thanks,  
 Craig Smith  
 Supervisor - Engine Calibration  
 3.5L TIVCT GTDI & 3.5L IVCT GTDI Powerpacks  
 Phone: (313) 805-6345  
 TEE Bldg cube 1AD08

**From:** McDonagh, Scot (S.M.)  
**Sent:** Tuesday, June 05, 2012 8:32 AM  
**To:** Caesar, Cynthia (C.L.)  
**Cc:** Dixon, Mark (M.R.); Smith, Craig (C.A.); Oyafuso, Kevin (K.G.)  
**Subject:** P415 Misfire FF Data  
**Importance:** High

Did you receive a request to pull Freeze Frame data on enclosed P415 GTDI built after 2/7/12 R10 implementation ? Doug asked if any of the enclosed vehicles had FLI <15% when convertor failure occurred.

PROBABLE / SUSPECT ROOT CAUSE	LEAD RESPONSIBLE ACTIVITY	GQCIS REPORT	MODEL YEAR	VIN	LABOR COST	VEHICLE LINE	MARKET DERIVED	BODY STYLE	VERSION SERIES	DRIVE CODE	ENGINE CODE	TRANS CODE	ASSY PLANT	PROD DATE
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET0CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	8-Feb-12
CATALYTIC CONVERTER	EXHAUST	CDXAS011	2012	1FTFW1ET8CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	12-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET1CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	12-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET0CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	13-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET8CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	13-Feb-12
CATALYTIC CONVERTER	EXHAUST	CC3DA007	2012	1FTFW1ET3CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	13-Feb-

PE13-018 006251

														12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET1CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	13-Feb-12
CATALYTIC CONVERTER	EXHAUST	CEHES016	2012	1FTFW1ET1CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	13-Feb-12
CATALYTIC CONVERTER	EXHAUST	CEOE9014	2012	1FTFW1ET9CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	14-Feb-12
CATALYTIC CONVERTER	EXHAUST	CEIDW007	2012	1FTFW1ET8CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	14-Feb-12
CATALYTIC CONVERTER	EXHAUST	CDID 004	2012	1FTFW1ET7CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	15-Feb-12
CATALYTIC CONVERTER	EXHAUST	CCPBR007	2012	1FTFW1CT6CK	#	T/F6	F	T/BC	T/AM	T/B	T/KW	T/C3	AJ	17-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET3CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	20-Feb-12
CATALYTIC CONVERTER	EXHAUST	CEHC2002	2012	1FTFW1ET3CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	20-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET9CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	21-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET5CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	21-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET9CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	22-Feb-12
CATALYTIC CONVERTER	EXHAUST	CENCM004	2012	1FTFX1ETXCF	#	T/F6	F	T/BD	T/AM	T/E	T/KW	T/C3	AF	22-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET0CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	22-Feb-12
CATALYTIC CONVERTER	EXHAUST	CECDP014	2012	1FTFW1CT3CK	#	T/F6	F	T/BC	T/AM	T/B	T/KW	T/C3	AJ	27-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET0CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	27-Feb-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ETXC	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	28-Feb-12
CATALYTIC CONVERTER	EXHAUST	CEVCO004	2012	1FTFW1ETXC	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	2-Mar-12
CATALYTIC CONVERTER	EXHAUST	CERCZ001	2012	1FTFW1ET3CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	3-Mar-12
CATALYTIC CONVERTER	EXHAUST	CDXD5003	2012	1FTFW1ET6CK	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AJ	5-Mar-12
CATALYTIC CONVERTER	EXHAUST	CEODA013	2012	1FTFW1ET5CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	6-Mar-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1CT8CK	#	T/F6	F	T/BC	T/AM	T/B	T/KW	T/C3	AJ	8-Mar-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1CTXC	#	T/F6	F	T/BC	T/AM	T/B	T/KW	T/C3	AJ	8-Mar-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET5CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	12-Mar-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1CT8CF	#	T/F6	F	T/BC	T/AM	T/B	T/KW	T/C3	AF	29-Mar-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET6CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	2-Apr-12
CATALYTIC CONVERTER	EXHAUST	CECD9008	2012	1FTFW1ET3CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	4-Apr-12
CATALYTIC CONVERTER	EXHAUST	N/A	2012	1FTFW1ET8CF	#	T/F6	F	T/BC	T/AM	T/E	T/KW	T/C3	AF	5-Apr-12

Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

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**From:** Cowher, Terry (T.)  
**Sent:** Monday, January 24, 2011 1:53 PM  
**To:** Hammoud, Mazen (M.); Dixon, Mark (M.R.); Smith, Craig (C.A.)  
**Subject:** RE: P415 Misfire Fishbone Analysis  
**Attachments:** S197\_P415 3.7L Claims misfire DTCs.xls; 3.5L GTDI Claims misfire DTCs.xls

Mazen, here is a warranty run for each of your requests. The common causes on the 3.5L GTDI are Spark plugs, fuel injectors and coils.

Terry J. Cowher  
Product Development Analyst  
I4/Small V6 Calibration  
Cell 313-805-6360  
Desk 313-323-8843

-----Original Message-----

**From:** Hammoud, Mazen (M.)  
**Sent:** Monday, January 24, 2011 8:57 AM  
**To:** Dixon, Mark (M.R.); Smith, Craig (C.A.); Cowher, Terry (T.)  
**Subject:** FW: P415 Misfire Fishbone Analysis

Mark,

Can you please have someone pull claim history on 3.5L GTDI D car and RFR misfire codes in the field. We're looking for common causes to a launch issue on P415 3,5L GTDI.

Regards,

Mazen

-----Original Message-----

**From:** Hammoud, Mazen (M.)  
**Sent:** Monday, January 24, 2011 8:54 AM  
**To:** Spencer, Jeff (.); Mazuchowski, James (J.A.); Stoltz, Jeffery (J.A.); Smith, Craig (C.A.); Baum, Joe (J.M.)  
**Cc:** Gourneau, Frank (F.B.); DiMarco, Jackie Marshal (J.M.)  
**Subject:** RE: P415 Misfire Fishbone Analysis

Jeff,

Thanks for the input. Yes, we have been going through that analysis and are looking at the recent common issues in addition to our systemic fishbone analysis of the failure at hand. Part of the workplan when the truck arrives here from Bemidji is to take measurements on the ignition system components including spark plug resistance. We'll keep you in the loop on what we find.

Regards,

Mazen



-----Original Message-----

From: Spencer, Jeff (.)  
Sent: Monday, January 24, 2011 8:11 AM  
To: Hammoud, Mazen (M.); Mazuchowski, James (J.A.); Stoltz, Jeffery (J.A.)  
Cc: Gourneau, Frank (F.B.); DiMarco, Jackie Marshal (J.M.)  
Subject: FW:

Can you please look at the existing 3.5L data as Bennie is suggesting and determine if we've looked at the current issues associated with 3.5L mis fires. Have we been through these as part of the fish bone analysis and determine if we have common issues or something unique to 2011.5?

-----Original Message-----

From: Fowler, Bennie (B.W.)  
Sent: Monday, January 24, 2011 7:58 AM  
To: Spencer, Jeff (.)  
Subject: Re:

Review ecb claims from Lima engine misfire due to open resistance on spark plugs. Inspections identified undersized length terminal studs was installed in spark plugs.

Bennie Fowler

----- Original Message -----

From: Spencer, Jeff (.)  
Sent: Monday, January 24, 2011 07:40 AM  
To: Fowler, Bennie (B.W.)  
Subject: RE:

Wanted to make sure you got my note from last night. P415 3.5L had a vehicle with a Mil for mis-fire over the weekend in Bemidji. Also got word they may have found another at DTP yesterday. OKTB was scheduled for today. Truck returning to Dearborn to complete analysis. Will need at least 24 more hours to progress root cause before determining impact to OKTB.

-----Original Message-----

From: Fowler, Bennie (B.W.)  
Sent: Monday, January 24, 2011 7:37 AM  
To: Spencer, Jeff (.)  
Subject:

Jeff I am on a call until 8am. Do you need to discuss with me.

Bennie Fowler

Model	Yea	VFG	Customer (	Condition (	Customer (	Technician	DTC Code	DTC Descr	Production
2011	V29	E29			42	CHECK EN VERIFY C/P	P0316	MISFIRE D	31-Mar-10
2011	V29	E29			42	CHECK EN CYLINDER	P0303	CYLINDER	19-Apr-10
2011	V29	E29			42	C S RUNS VERIFIED	P0304	CYLINDER	29-Sep-10
2011	V52	D21			42	DRIVEABII CLEAR CC	P0316	MISFIRE D	#####
2011	V52	D21			42	DRIVEABII CLEAR CC	P0300	RANDOM I	#####
2011	V44	D50			42	CUST STA PERFORM	P0302	CYLINDER	#####
2011	V29	E29			42	CHECK EN VERIFIED	P0304	CYLINDER	18-Oct-10
2011	V52	D21			1	ENGINE S CHECK O/P	P0306	CYLINDER	5-May-10
2011	V29	E29			1	RUNNING SELF TES	P0316	MISFIRE D	25-Mar-10
2011	V29	E29			42	CUST STA TEST	0301P0303	CYLINDER	26-Jul-10
2011	V29	E29			42	C S RUNS VERIFIED	P0306	CYLINDER	29-Sep-10
2011	V29	E29			42	C S RUNS VERIFIED	P0305	CYLINDER	29-Sep-10
2011	V29	E29			7	C S SERVI EEC TEST	P0300	RANDOM I	#####
2011	V29	E29			42	CK ENGIN PERFORM	P0316	MISFIRE D	27-Apr-10
2011	V40	D13			42	ENGINE R F.P.6006.	P0301	CYLINDER	1-Jun-10
2011	V29	E29			82	CHECK EN PERFORM	P0306	CYLINDER	19-Aug-10
2011	V29	E29			42	CK ENG L` TESTED E	P0302	CYLINDER	#####
2011	V29	E29			1	RUNNING SELF TES	P0301	CYLINDER	25-Mar-10
2011	V29	E29			42	CUST STA TEST	0301P0301	CYLINDER	26-Jul-10
2011	V29	E29			42	CUST STA TEST	0301P0300	RANDOM I	26-Jul-10
2011	V29	E29	X2			CUSTOMER ROAD TES	P0306	CYLINDER	5-May-10
2011	V29	E29			82	CHECK EN PERFORM	P0304	CYLINDER	19-Aug-10
2011	V29	E29			42	CHECK EN VERIFY C/P	P0303	CYLINDER	31-Mar-10
2011	V29	E29			42	CK ENGIN CHECK AN	P0301	CYLINDER	18-Feb-10
2011	V29	E29			42	CUSTOMER CAUSE. SI	P0316	MISFIRE D	#####
2011	V29	E29			1	RUNNING SELF TES	P0300	RANDOM I	25-Mar-10
2011	V29	E29			82	CHECK EN PERFORM	P0305	CYLINDER	19-Aug-10
2011	V29	E29			42	CK ENGIN CHECK AN	P0316	MISFIRE D	18-Feb-10
2011	V29	E29			1	RUNNING SELF TES	P0303	CYLINDER	25-Mar-10
2011	V29	E29			82	CHECK EN PERFORM	P0300	RANDOM I	19-Aug-10
2011	V29	E29			33	CHECK EN 3178 CHE	P0301	CYLINDER	3-Jun-10
2011	V29	E29			42	CHECK EN VERIFY C/P	P0305	CYLINDER	31-Mar-10
2011	V29	E29			42	C S RUNS VERIFIED	P0316	MISFIRE D	29-Sep-10
2011	V29	E29			42	CUSTOMER CAUSE. SI	P0304	CYLINDER	#####
2011	V29	E29			42	CK ENGIN PERFORM	P0304	CYLINDER	27-Apr-10
2011	V29	E29			1	RUNNING SELF TES	P0302	CYLINDER	25-Mar-10
2011	V29	E29			42	E29 C/S T TEST DR	C/P0306	CYLINDER	24-Nov-10
2011	V29	E29	X2			CUSTOMER ROAD TES	P0316	MISFIRE D	5-May-10

Cut O Da Load Date- Currency E Generated By=TCO HER

V6 NA GAS[T/RM] 3.7L 4V-DAMB PFI V6 NA GAS[C/RM]

Tis Claims- Claims Ret Re uested Reported C Re uested Reported C Description De ault Claims no Dat

Production	Repair	Mor	Sell	Dealer	TIS	Engine [EN	Repair	Da	Part	Num	E	Part	Num	E	Body/Cab	^
2010-03	2010-10	MI				0 C/RM		20-Oct-10	COIL ASY-			12029			C/BJ	
2010-04	2010-05	OK				1 C/RM		#####	COIL ASY-			12029			C/BH	
2010-09	2010-10	NJ				1 C/RM		19-Oct-10	INJECTOR	9F593					C/BH	
2010-05	2010-08	MO				0 C/RM		16-Aug-10	SENSOR E	9F472					C/BJ	
2010-05	2010-08	MO				0 C/RM		16-Aug-10	SENSOR E	9F472					C/BJ	
2010-05	2010-08	TX				2 C/RM		10-Aug-10	PROCESS	12A650					C/BJ	
2010-10	2010-11	TN				-1 C/RM		20-Nov-10	ENGINE A:			6007			C/BJ	
2010-05	2010-08	PA				1 C/RM		4-Aug-10	INTAKE V/			6507			C/BH	
2010-03	2010-12	MI				8 C/RM		8-Dec-10	COMPANY	LONLY					C/BJ	
2010-07	2010-11	GA				0 C/RM		19-Nov-10	SPARK PL	12F					C/BH	
2010-09	2010-10	NJ				1 C/RM		19-Oct-10	INJECTOR	9F593					C/BH	
2010-09	2010-10	NJ				1 C/RM		19-Oct-10	INJECTOR	9F593					C/BH	
2010-05	2010-12	TX				5 C/RM		20-Dec-10	IRE ASY			14401			C/BJ	
2010-04	2010-07	IL				1 C/RM		15-Jul-10	IRING EI	12B637					C/BJ	
2010-06	2010-07	OK				1 C/RM		1-Jul-10	ENGINE A:			6006			C/BH	
2010-08	2010-09	CA				0 C/RM		30-Sep-10	DIAGNOSI	DIAG					C/BJ	
2010-05	2010-09	OK				0 C/RM		14-Sep-10	COIL ASY-			12029			C/BJ	
2010-03	2010-12	MI				8 C/RM		8-Dec-10	COMPANY	LONLY					C/BJ	
2010-07	2010-11	GA				0 C/RM		19-Nov-10	SPARK PL	12F					C/BH	
2010-07	2010-11	GA				0 C/RM		19-Nov-10	SPARK PL	12F					C/BH	
2010-05	2010-06	OK				1 C/RM		2-Jun-10	IR ASY-E	12C508					C/BH	
2010-08	2010-09	CA				0 C/RM		30-Sep-10	DIAGNOSI	DIAG					C/BJ	
2010-03	2010-10	MI				0 C/RM		20-Oct-10	COIL ASY-			12029			C/BJ	
2010-02	2010-08	MI				5 C/RM		2-Aug-10	COIL ASY-			12029			C/BJ	
2010-05	2010-11	OK				6 C/RM		30-Nov-10	PROCESS	12A650					C/BH	
2010-03	2010-12	MI				8 C/RM		8-Dec-10	COMPANY	LONLY					C/BJ	
2010-08	2010-09	CA				0 C/RM		30-Sep-10	DIAGNOSI	DIAG					C/BJ	
2010-02	2010-08	MI				5 C/RM		2-Aug-10	COIL ASY-			12029			C/BJ	
2010-03	2010-12	MI				8 C/RM		8-Dec-10	COMPANY	LONLY					C/BJ	
2010-08	2010-09	CA				0 C/RM		30-Sep-10	DIAGNOSI	DIAG					C/BJ	
2010-06	2010-10	CA				4 C/RM		11-Oct-10	DIAGNOSI	DIAG					C/BH	
2010-03	2010-10	MI				0 C/RM		20-Oct-10	COIL ASY-			12029			C/BJ	
2010-09	2010-10	NJ				1 C/RM		19-Oct-10	INJECTOR	9F593					C/BH	
2010-05	2010-11	OK				6 C/RM		30-Nov-10	PROCESS	12A650					C/BH	
2010-04	2010-07	IL				1 C/RM		15-Jul-10	IRING EI	12B637					C/BJ	
2010-03	2010-12	MI				8 C/RM		8-Dec-10	COMPANY	LONLY					C/BJ	
2010-11	2010-12	GA				1 T/RM		28-Dec-10	SPARK PL	22F					T/BB	
2010-05	2010-06	OK				1 C/RM		2-Jun-10	IR ASY-E	12C508					C/BH	

e Filters =Up to current cuto date

Drive Type	Assembly	Warranty	Sell Dealer	CC	VIN	Claim Key	Vehicle Lin	Vehicle Lin
C/B	CL	4-Nov-10	148017	2B02	1 VBP8AM	67620	A	C/ F
C/B	CL	#####	171327	2B02	1 VBP8EM	3801	A	C/ F
C/B	CL	14-Oct-10	171726	2.00E	03 1 VBP8EM	73419	A	C/ F
C/B	CL	22-Oct-10	153079	2G02	1 VBP8AM	20025	A	C/ F
C/B	CL	22-Oct-10	153079	2G02	1 VBP8AM	20025	A	C/ F
C/B	CL	28-Jun-10	152056	2G01	1 VBP8AM	17535	A	C/ F
C/B	CL		121669	1A03	1 VBP8AM	96424	A	C/ F
C/B	CL	15-Jul-10	116830	1C03	1 VBP8EM	17232	A	C/ F
C/B	CL	23-Apr-10	18410K	6Y20	1 VBP8AM	124069	A	C/ F
C/B	CL	27-Dec-10	121009	2B03	1 VBP8EM	101715	A	C/ F
C/B	CL	14-Oct-10	171726	2.00E	03 1 VBP8EM	73419	A	C/ F
C/B	CL	14-Oct-10	171726	2.00E	03 1 VBP8EM	73419	A	C/ F
C/B	CL	6-Aug-10	152212	7S02	1 VBP8AM	138261	A	C/ F
C/B	CL	13-Jul-10	141433	2D01	1 VBP8AM	7677	A	C/ F
C/B	CL	16-Jun-10	171327	1A03	1 VBP8EM	10336	A	C/ F
C/B	CL	10-Oct-10	171055	2G04	1 VBP8AM	53081	A	C/ F
C/B	CL	14-Sep-10	152208	2B02	1 VBP8AM	33688	A	C/ F
C/B	CL	23-Apr-10	18410K	6Y20	1 VBP8AM	124069	A	C/ F
C/B	CL	27-Dec-10	121009	2B03	1 VBP8EM	101715	A	C/ F
C/B	CL	27-Dec-10	121009	2B03	1 VBP8EM	101715	A	C/ F
C/B	CL	#####	116729	7S12	1 VBP8EM	2593	A	C/ F
C/B	CL	10-Oct-10	171055	2G04	1 VBP8AM	53081	A	C/ F
C/B	CL	4-Nov-10	148017	2B02	1 VBP8AM	67620	A	C/ F
C/B	CL	8-Mar-10	18405P	2B02	1 VBP8AM	12894	A	C/ F
C/B	CL	14-Jun-10	171327	2G01	1 VBP8EM	127621	A	C/ F
C/B	CL	23-Apr-10	18410K	6Y20	1 VBP8AM	124069	A	C/ F
C/B	CL	10-Oct-10	171055	2G04	1 VBP8AM	53081	A	C/ F
C/B	CL	8-Mar-10	18405P	2B02	1 VBP8AM	12894	A	C/ F
C/B	CL	23-Apr-10	18410K	6Y20	1 VBP8AM	124069	A	C/ F
C/B	CL	10-Oct-10	171055	2G04	1 VBP8AM	53081	A	C/ F
C/B	CL	18-Jun-10	172730	2G04	1 VBP8EM	62693	A	C/ F
C/B	CL	4-Nov-10	148017	2B02	1 VBP8AM	67620	A	C/ F
C/B	CL	14-Oct-10	171726	2.00E	03 1 VBP8EM	73419	A	C/ F
C/B	CL	14-Jun-10	171327	2G01	1 VBP8EM	127621	A	C/ F
C/B	CL	13-Jul-10	141433	2D01	1 VBP8AM	7677	A	C/ F
C/B	CL	23-Apr-10	18410K	6Y20	1 VBP8AM	124069	A	C/ F
T/E	AJ	19-Dec-10	121304	2B03	1FTMF1EM	140399	F6	T/F6
C/B	CL	#####	116729	7S12	1 VBP8EM	2593	A	C/ F

e ERS [VL]

Model Year All

Count o Claim Key		Production Month											Grand Total
DTC Code	Part Num Base Desc Causal	2010-02	2010-03	2010-04	2010-05	2010-06	2010-07	2010-08	2010-09	2010-10	2010-11		
P0300	COMPANY GARAGE LABOR ONLY CLAIMS		1									1	
	DIAGNOSIS							1				1	
	SENSOR EXHAUST GAS				1							1	
	SPARK PLUGS						1					1	
	IRE ASY MAIN LOOM				1							1	
P0300 Total			1		2		1	1				5	
P0301	COIL ASY-IGNITION	1										1	
	COMPANY GARAGE LABOR ONLY CLAIMS		1									1	
	DIAGNOSIS					1						1	
	ENGINE ASSY/BARE					1						1	
	SPARK PLUGS						1					1	
P0301 Total		1	1			2	1					5	
P0302	COIL ASY-IGNITION				1							1	
	COMPANY GARAGE LABOR ONLY CLAIMS		1									1	
	PROCESSOR ASSY				1							1	
P0302 Total			1		2							3	
P0303	COIL ASY-IGNITION		1	1								2	
	COMPANY GARAGE LABOR ONLY CLAIMS		1									1	
	SPARK PLUGS						1					1	
P0303 Total			2	1			1					4	
P0304	DIAGNOSIS							1				1	
	ENGINE ASSY									1		1	
	INJECTOR ASSY								1			1	
	PROCESSOR ASSY				1							1	
	IRING ENG CNTRL SNS			1								1	
P0304 Total				1	1			1	1	1		5	
P0305	COIL ASY-IGNITION		1									1	
	DIAGNOSIS							1				1	
	INJECTOR ASSY								1			1	
P0305 Total			1					1	1			3	
P0306	DIAGNOSIS							1				1	
	INJECTOR ASSY								1			1	
	INTAKE VALVE				1							1	

P0306	SPARK PLUGS										1	1
	IR ASY-ENG										1	1
P0306 Total											2	5
P0316	COIL ASY-IGNITION	1	1									2
	COMPANY GARAGE LABOR ONLY CLAIMS		1									1
	INJECTOR ASSY									1		1
	PROCESSOR ASSY				1							1
	SENSOR EXHAUST GAS				1							1
	IR ASY-ENG				1							1
	IRING ENG CNTRL SNS				1							1
P0316 Total		1	2	1	3					1		8
Grand Total		2	8	3	10	2	3	4	4	1	1	38

Model Yea	All
TIS	All

Count o	Claim Key	Production Month													Grand Total							
		DTC Code	Part Num	Base Desc	Causal	2009-04	2009-06	2009-07	2009-08	2009-09	2009-10	2009-11	2009-12	2010-01		2010-02	2010-03	2010-04	2010-05	2010-06	2010-07	2010-09
	P0300	BODY ASY-A R CHARGE											1									1
		COIL ASY-IGNITION						1	1													2
		CONNECTING ROD ASY						1														1
		CONVERTER CATALYTIC													1							1
		CYLINDER BLOCK			1																	1
		DIAGNOSIS							1													1
		ELEMENT ASY-AIR CLEA								1												1
		ENGINE ASSY/BARE					1			2		1	1	1								6
		GASKET CARB FUEL INL								1												1
		GASKET-INTAKE MANIFO						1														1
		INJECTOR ASSY			2	4	2	1	2	1												12
		KIT-C/SHT			1																	1
		RELAY ASY FUEL PUMP			1																	1
		SENSOR EXHAUST GAS		1		2																3
		SPARK PLUGS			3	4	4	4	4	3	4	2	1	2	1							28
		S ITCH-A/C PRESSURE								1												1
		THROTTLE POSITION SE										1										1
		TUBE ASY CARB FUEL							1													1
		blan							1			1										2
	P0300 Total			1	8	11	9	12	7	6	5	3	3	3	1							66
	P0301	COIL ASY-IGNITION		1	3	1				1	2	2				1						11
		ENGINE ASSY/BARE			1				1	2		1										6
		GASKET-INTAKE MANIFO						1														1
		INJECTOR ASSY			1	2	4	5	3	1	1											17
		SENSOR EXHAUST GAS									1											1
		SPARK PLUGS		1	5	6	7	14	4	5	6	4	2	2					1			57
		TUBE ASY CARB FUEL					1	1	1													2
		blan				1																1
	P0301 Total			1	1	10	10	14	20	8	9	10	7	2	2	1				1		96
	P0302	COIL ASY-IGNITION						2			1				1							4
		COMPANY GARAGE LABOR ONLY CLAIMS			1																	1
		CONVERTER CATALYTIC											1									1
		CYLINDER BLOCK			1																	1
		DIAGNOSIS				1																1
		ENGINE ASSY						2							1							3
		ENGINE ASSY/BARE				1			3			1		2	1							8
		GASKET-INTAKE MANIFO						1						2	1							1
		INJECTOR ASSY			6	6	2	8	3	1												26
		NO LE ASY-FUEL INJE						1														1
		SENSOR EXHAUST GAS									1											1
		SPARK PLUGS			5	3	9	8	5	5	6	1	3									45
		THROTTLE POSITION SE									1											1
		blan					1	1	1		1	1										5
	P0302 Total				13	11	18	20	9	7	10	2	7	2								99
	P0303	COIL ASY-IGNITION					1	1	3			1			1							7
		COMPANY GARAGE LABOR ONLY CLAIMS										1										1
		CONNECTING ROD ASY						1														1



P0303	CONVERTER CATALYTIC											1						1
	ENGINE ASSY/BARE				1	2							1					5
	INJECTOR ASSY	2	7	4	10				1			1						23
	PISTON PIN ASY		1															1
	PROCESSOR ASSY				1	1												2
	RING SET			1														1
	SNS DTNT ASY TRANS			1														1
	SPARK PLUGS	4	3	8	8	5	2	4	2				1				1	38
	TUBE ASY CARB FUEL																	1
	IRE ASY MAIN LOOM blan	1	1		1				1									4
P0303 Total		7	15	18	25	5	3	7	3		2	1				1	87	
P0304	COIL ASY-IGNITION			1	4			1	1					1				9
	DIAGNOSIS			1				1				1						4
	ENGINE ASSY				1													1
	ENGINE ASSY/BARE			1	4	2			1			1						9
	INJECTOR ASSY	2	3	2	3													10
	PISTON PIN ASY				1													1
	PROCESSOR ASSY																	1
	SENSOR ASY EXH GAS																	1
	SENSOR EXHAUST GAS		1															1
	SPARK PLUGS	7	5	11	8	12	4	6	1		1		2					57
	IRE ASY MAIN LOOM	1																1
	blan						1		1	1								3
P0304 Total		11	11	23	15	15	6	9	4		1	3					98	
P0305	COIL ASY-IGNITION	1	1	2	5	2			1									12
	CYLINDER BLOCK									1								1
	DIAGNOSIS					1												1
	ECC PROCESSOR RECAL	1		1														2
	ENGINE ASSY	1		2	1								1					5
	ENGINE ASSY/BARE	1	2		2	1	1	1				1						9
	GASKET CARB FUEL INL				1													1
	INJECTOR ASSY		2	7	1	2					2		1				1	17
	NO LE ASY-FUEL NJE				1											1		1
	PISTON PIN ASY			1	1		1											3
	PROCESSOR ASSY				1									1				2
	RING SET					1												1
	SENSOR EXHAUST GAS								1	2								3
	SPARK PLUGS	1	5	1	9	7	5	6	8	2		3	2					49
	IR NG ASSY EEC SENS										1							1
blan	2			1				1		1							5	
P0305 Total	1	11	7	24	20	11	8	13	6		7	2		1	1	1	113	
P0306	COIL ASY-IGNITION			4	5	3	2		2		1							17
	CONNECTING ROD ASY				1													1
	CYLINDER BLOCK				1													1
	DIAGNOSIS							1										1
	ENGINE ASSY/BARE			2		3			1			1						7
	GASKET CARB FUEL INL					1												1
	INJECTOR ASSY	3	2	7	2	1	2	1										18
	KIT-C/SHT	1																1
	PISTON PIN ASY			1														1
RING SET			1														1	

P0306	SPARK PLUGS	6	3	5	9	5	6	1	2	1	3		1	42				
	IRING ASSY EEC SENS		1											1				
	blan	1											1	2				
P0306 Total		11	14	19	18	9	9	4	4	1	3		1	94				
P0316	COIL ASY-IGNITION			5	2						1			8				
	CONNECTING ROD ASY			1										1				
	CYL NDER BLOCK	1												1				
	ECC PROCESSOR RECAL	1												1				
	ENGINE ASSY			1										1				
	ENGINE ASSY/BARE	1			3	1	3		1		1			10				
	GASKET CARB FUEL INL				1									1				
	GASKET-INTAKE MANIFO			1										1				
	INJECTOR ASSY	6	4	6	11	1	1		2			1		32				
	INTAKE MAN FOLD	1												1				
	NO LE ASY-FUEL NJE			1										1				
	PISTON PIN ASY		2											2				
	PROCESSOR ASSY			1								1		2				
	RELAY ASY FUEL PUMP	1												1				
	RING SET				1									1				
	SENSOR EXHAUST GAS		1	1	1		1	1						5				
	SPARK PLUGS	13	4	12	14	9	5	6	3	4	7			77				
	S ITCH-A/C PRESSURE					1		1						2				
	blan	1		1		2			1	1			1	7				
P0316 Total		25	11	30	33	14	10	8	7	5	9		1	155				
Grand Total		2	2	96	90	155	163	78	58	66	36	28	23	1	3	6	1	808

Report In c	Status=Fin	Re	uest N	Description	Run Date	/	Completion	Job Si	e=4	Execution	Precalc	Pr
Data Selec	Model Yea	Cost	Categ	Region	Bui	Engine	[en]	Dtc Code	=	RANDOM	MISFIRE	DETECTED
Report Sel	Report Nar	Model Yea	Destination	Csv	Name	Order	By=	Columns	R	Maximum	(	Logic=Cor
Model Yea	VFG	Customer	(	Condition	(	Customer	(	Technician	DTC Code	DTC Descr	Production	
2010	V49	N12			42	CUSTOMER CAUSE. IN	P0301			CYLINDER	14-Sep-09	
2010	V40	D13			1	CUSTOMER STATE TEST	EEC P0302			CYLINDER	6-Oct-09	
2010	V29	E29			42	CUSTOMER BROKEN /	P0306			CYLINDER	19-Oct-09	
2010	V29	E29			42	CHECK ENGINE VERIFIED	P0302			CYLINDER	7-Oct-09	
2010	V29	E29			1	CUSTOMER EEC TEST	P0301			CYLINDER	3-Dec-09	
2010	V52	D42			42	STARTED CHECK SMOKI	P0305			CYLINDER	22-Mar-10	
2010	V52	D42			42	STARTED CHECK SMOKI	P0302			CYLINDER	22-Mar-10	
2010	V52	D42			42	TO ENGINE VERIFIED	P0305			CYLINDER	21-Jul-09	
2010	V52	D21			30	ENGINE SERVICE RETRIEVE	P0305			CYLINDER	21-Oct-09	
2010	V40	D13			1	D21 D13 COMPL ID	P0300			RANDOM I	13-Jul-09	
2010	V40	D13			1	D21 D13 COMPL ID	P0316			MISFIRE D	13-Jul-09	
2010	V29	E29			28	CUSTOMER #1 6 COL	P0301			CYLINDER	4-Jan-10	
2010	V29	E29			28	CUSTOMER #1 6 COL	P0306			CYLINDER	4-Jan-10	
2010	V29	E29			28	ELECTRIC PERFORMANCE	P0305			CYLINDER	6-Oct-09	
2010	V29	E29			1	CHECK ENGINE TESTS	P0301			CYLINDER	21-Apr-10	
2010	V29	E29			1	CUSTOMER STATE VERIFIED	P0305			CYLINDER	10-Feb-10	
2010	V44	D50			1	ENGINE H 12405 KOE	P0316			MISFIRE D	29-Jan-10	
2010	V29	E29			1	ENGINE SERVICE EEC DIAG	P0316			MISFIRE D	14-Jan-10	
2010	V29	E29			1	CUSTOMER CAR INT CRACKED	P0303			CYLINDER	28-Sep-09	
2010	V29	E29			1	ENGINE SERVICE VERIFY C	P0300			RANDOM I	23-Dec-09	
2010	V29	E29			1	CUSTOMER CHECK FOR C	P0304			CYLINDER	31-Jul-09	
2010	V52	D41			1	AUTO AIR PROBLEM	P0305			CYLINDER	13-Jul-09	
2010	V52	D21			1	DRIVE ABLE A LOT OF	P0316			MISFIRE D	16-Oct-09	
2010	V40	D13			1	CHECK VEHICLE VERIFIED	P0301			CYLINDER	1-Dec-09	
2010	V44	D50			1	CHECK ENGINE DIAGNOSI	P0300			RANDOM I	21-Oct-09	
2010	V29	E29			42	CHECK ENGINE EEC TEST	P0302			CYLINDER	8-Feb-10	
2010	V40	D13			1	CUSTOMER HAS ENGINE START UP	P0316			MISFIRE D	26-Feb-10	
2010	V29	E29			1	CUSTOMER STATE PERFORMANCE	P0304			CYLINDER	19-Oct-09	
2010	V29	E29			1	CHECK SERVICE TEST EEC	P0304			CYLINDER	29-Apr-10	
2010	V52	D36			1	CHECK FOR H 12405 01	P0316			MISFIRE D	14-Oct-09	
2010	V29	E29			1	YELLOW CHECK PULLED C	P0301			CYLINDER	20-Jul-09	
2010	V29	E29			42	CUSTOMER STATE THE ENGINE VERIFY C	P0304			CYLINDER	10-Nov-09	
2010	V29	E29			1	E29 CHECK 3350 EEC	P0316			MISFIRE D	10-Nov-09	
2010	V29	E29			42	CUSTOMER 10 17 10 C	P0304			CYLINDER	3-Dec-09	
2010	V29	E29			42	CUSTOMER STATE CHECK EEC DIAG	P0306			CYLINDER	19-Oct-09	
2010	V29	E29			42	CUSTOMER STATE CHECK EEC DIAG	P0302			CYLINDER	19-Oct-09	
2010	V29	E29			42	REPORT C 12650D .2	P0316			MISFIRE D	1-Dec-09	
2010	V29	E29	X2			DIAG CHECK PERFORMANCE	P0301			CYLINDER	17-Mar-10	
2010	V29	E29			1	CUSTOMER STATE ENGINE CON	P0301			CYLINDER	21-Oct-09	
2010	V29	E29			42	CUSTOMER STATE CHECK SPARK PL	P0306			CYLINDER	19-Dec-09	
2010	V29	E29			1	CEL IS BATTERY DIAG COD	P0316			MISFIRE D	10-Sep-09	
2010	V52	D42			42	STILL RUNNING DIAG MIS	P0302			CYLINDER	11-Sep-09	
2010	V52	D42			42	STILL RUNNING DIAG MIS	P0301			CYLINDER	11-Sep-09	
2010	V29	E29			42	CUSTOMER PASS P031	P0305			CYLINDER	30-Sep-09	
2010	V29	E29			42	CUSTOMER STATE VERIFY C	P0302			CYLINDER	8-Jul-09	
2010	V29	E29			42	ENGINE HIT IN OP INJE	P0301			CYLINDER	14-Dec-09	
2010	V29	E29			42	CUSTOMER VERIFIED	P0306			CYLINDER	15-Oct-09	

2010 V52	D03	D1	CUST STA CHECKED P0316	MISFIRE D 28-Oct-09
2010 V29	E29		42 C S CUST CODES PC P0306	CYLINDER 11-Sep-09
2010 V29	E29		42 CUSTOME 13995 CC P0301	CYLINDER 3-Sep-09
2010 V29	E29		42 CUST STA PERFORM P0316	MISFIRE D 29-Oct-09
2010 V29	E29		42 CUSTOME 9F593 42 P0303	CYLINDER 5-Oct-09
2010 V29	E29		42 ENGINE C CHECK EI P0316	MISFIRE D 21-Oct-09
2010 V29	E29		42 E29 CHEC IDS DIAG P0316	MISFIRE D 24-Aug-09
2010 V29	E29		42 E29 CHEC IDS DIAG P0302	CYLINDER 24-Aug-09
2010 V29	E29		42 CUSTOME IDS TEST P0302	CYLINDER 16-Sep-09
2010 V29	E29		42 CK SERVICE X REPLAC P0306	CYLINDER 21-Sep-09
2010 V29	E29		42 CHECK EN CC42 HOC P0302	CYLINDER 28-Aug-09
2010 V29	E29		42 CUSTOME VERIFIED P0306	CYLINDER 16-Oct-09
2010 V29	E29		42 FLASHING DIAG ROA P0306	CYLINDER 10-Sep-09
2010 V52	D36		42 CUSTOME EEC DIAG P0301	CYLINDER 22-Jul-09
2010 V29	E29		42 SERVICE I 12731 42 P0302	CYLINDER 28-Aug-09
2010 V29	E29		42 CUST STA INTERMIT P0316	MISFIRE D 14-Oct-09
2010 V29	E29		42 CHECK EN 9F472 KOE P0316	MISFIRE D 29-Jan-10
2010 V29	E29		28 INSPECT F EEC DIAG P0316	MISFIRE D 6-Aug-09
2010 V29	E29		42 CUSTOME 9F472 DI P0316	MISFIRE D 1-Sep-09
2010 V29	E29		42 CHECK EN CHECK EN P0305	CYLINDER 29-Sep-09
2010 V29	E29		42 VEHICLE 1 VERIFIED P0306	CYLINDER 21-Jul-09
2010 V29	E29		42 CHECK EN DIAG CHE P0300	RANDOM I 13-Apr-10
2010 V29	E29		1 CUST STA 12405 CC P0304	CYLINDER 21-Jul-09
2010 V29	E29		1 CUSTOME CHECKED P0305	CYLINDER 11-Sep-09
2010 V29	E29		1 CHECK EN IDS DIAG P0305	CYLINDER 14-Sep-09
2010 V29	E29		42 CUSTOME VERIFY C P0301	CYLINDER 14-Oct-09
2010 V29	E29		1 CK AND AI 01 SPARK P0305	CYLINDER 29-Mar-10
2010 V29	E29		42 CUST REF 12650D .2 P0305	CYLINDER 26-Apr-10
2010 V29	E29		1 ENGINE L VERIFY C P0305	CYLINDER 9-Oct-09
2010 V29	E29		1 TEMP GAL 13466 01 P0303	CYLINDER 5-Nov-09
2010 V29	E29		42 CK ENGIN 3989 SHO P0316	MISFIRE D 6-Nov-09
2010 V29	E29		42 CHECK EN SPARK PL P0301	CYLINDER 5-Aug-09
2010 V29	E29		1 CS CEL C/VERIFY C P0301	CYLINDER 14-Oct-09
2010 V29	E29		1 CS CEL C/VERIFY C P0306	CYLINDER 14-Oct-09
2010 V29	E29		33 VERIFIER CHECK C P0301	CYLINDER 3-Nov-09
2010 V29	E29		42 CHECK EN CHECKED P0300	RANDOM I 5-Aug-09
2010 V29	E29		49 ENGINE L/ DIAGNOS P0306	CYLINDER 13-Jul-09
2010 V29	E29		1 ENGINE P FOUND C P0302	CYLINDER 18-Dec-09
2010 V29	E29		1 REPLACE P0303	CYLINDER 15-Sep-09
2010 V29	E29		1 ALSO ROL RETREIVE P0303	CYLINDER 6-Jul-09
2010 V44	E26		42 VEHICLE FIDS TEST P0305	CYLINDER 4-Aug-09
2010 V29	E29		42 CUSTOME PLUGS.VE P0316	MISFIRE D 24-Jul-09
2010 V29	E29		1 CUST STA VERIFY C P0303	CYLINDER 17-Sep-09
2010 V52	D42		30 C S CAR R FAULTY S P0302	CYLINDER 1-Apr-10
2010 V40	D13		1 CUST STA TEST EEC P0305	CYLINDER 6-Oct-09
2010 V29	E29		42 C S CHEC CHECK FC P0304	CYLINDER 16-Sep-09
2010 V29	E29		42 CUSTOME BROKEN P0304	CYLINDER 19-Oct-09
2010 V29	E29		7 C STATES ROAD TES P0301	CYLINDER 24-Feb-10
2010 V49	N11		42 CUST STA CHECK SY P0302	CYLINDER 4-Mar-10
2010 V49	N12		42 CUSTOME FOUND C P0316	MISFIRE D 16-Oct-09
2010 V49	N12		42 CUSTOME FOUND C P0302	CYLINDER 16-Oct-09

2010 V44	D50	42 CUSTOME7661 VEHI P0300	RANDOM I	8-Jan-10
2010 V29	E29	30 CHECK EN PERFORM P0306	CYLINDER	19-Oct-09
2010 V29	E29	30 CHECK EN PERFORM P0303	CYLINDER	19-Oct-09
2010 V29	E29	30 CHECK EN PERFORM P0300	RANDOM I	19-Oct-09
2010 V29	E29	82 CK ENGIN CK OUT. RP0300	RANDOM I	19-Oct-09
2010 V29	E29	42 HARD STA EEC TEST P0316	MISFIRE D	9-Sep-09
2010 V29	E29	42 CUSTOME ROADTES P0316	MISFIRE D	29-Sep-09
2010 V29	E29	42 CUSTOME CC 42 120;P0306	CYLINDER	6-Oct-09
2010 V29	E29	42 CUSTOME PERFORM P0301	CYLINDER	27-Aug-09
2010 V29	E29	42 CHECK EN 3 36 ARF P0304	CYLINDER	3-Sep-09
2010 V29	E29	42 C S CHEC 10884 120;P0301	CYLINDER	8-Jul-09
2010 V29	E29	42 REPORT C EEC DIAG P0305	CYLINDER	2-Nov-09
2010 V29	E29	42 CHECK EN ROAD TES P0301	CYLINDER	28-Jul-09
2010 V29	E29	28 CUSTOME TEST REP0301	CYLINDER	4-Dec-09
2010 V29	E29	49 CUST STA TEST DRI\ P0301	CYLINDER	15-Feb-10
2010 V29	E29	1 CUSTOME PERFORM P0306	CYLINDER	21-Apr-10
2010 V29	E29	1 CUSTOME 12405 01 P0303	CYLINDER	23-Oct-09
2010 V52	D42	42 HEN THI ROAD TES P0301	CYLINDER	28-Jul-09
2010 V29	E29	42 CUST STA VERIFIED P0316	MISFIRE D	23-Sep-09
2010 V29	E29	1 CUSTOME ROAD TES P0305	CYLINDER	7-Dec-09
2010 V29	E29	1 CUSTOME EEC TEST P0316	MISFIRE D	2-Jul-09
2010 V29	E29	1 CHECK EN 12405 COI P0304	CYLINDER	22-Dec-09
2010 V29	E29	1 CHECK EN 12405 COI P0316	MISFIRE D	22-Dec-09
2010 V29	E29	1 SERVICE I REPLACEI P0303	CYLINDER	29-Sep-09
2010 V29	E29	42 CHECK EN VERIFIED P0304	CYLINDER	30-Sep-09
2010 V29	E29	1 C S THE C IDS TEST P0306	CYLINDER	12-Oct-09
2010 V29	E29	1 CHECK EN CHECK EN P0303	CYLINDER	1-Sep-09
2010 V29	E29	1 CLIENT STBROKEN P0305	CYLINDER	18-Sep-09
2010 V52	D36	42 CK ADV CI INTERNAL P0305	CYLINDER	8-Jan-10
2010 V29	E29	1 CK. ENGIN ROAD TES P0316	MISFIRE D	30-Sep-09
2010 V40	D13	1 CUST. ST/ SELF TES P0303	CYLINDER	2-Nov-09
2010 V29	E29	1 E29 CHEC 3350 EEC P0304	CYLINDER	10-Nov-09
2010 V29	E29	1 E29 CHEC 3350 EEC P0301	CYLINDER	10-Nov-09
2010 V29	E29	1 CUSTOME CKD AND P0303	CYLINDER	13-Oct-09
2010 V29	E29	1 CK ENG LI PER TSB ( P0300	RANDOM I	16-Sep-09
2010 V29	E29	42 CHECK EN 16825 CHE P0304	CYLINDER	1-Sep-09
2010 V29	E29	42 CK ADV M PERFORM P0306	CYLINDER	8-Oct-09
2010 V29	E29	42 CUSTOME IDS TEST P0316	MISFIRE D	19-Oct-09
2010 V29	E29	42 THE MIL IS CONFIRMI P0304	CYLINDER	27-Aug-09
2010 V29	E29	42 ENGINE C VERIFY C P0301	CYLINDER	18-Jan-10
2010 V40	D13	42 CHK AND ,42 PLUG P0302	CYLINDER	17-Dec-09
2010 V29	E29	42 C S CHEC EEC DIAG P0305	CYLINDER	19-Oct-09
2010 V29	E29	42 REPORT C 12650D .2 P0302	CYLINDER	1-Dec-09
2010 V29	E29	1 CUSSTOM ENG CON P0300	RANDOM I	21-Oct-09
2010 V29	E29	1 CEL IS BA\ DIAG COD P0305	CYLINDER	10-Sep-09
2010 V29	E29	42 CHECK EN 12405 42 P0316	MISFIRE D	5-Oct-09
2010 V29	E29	42 INSPECT F6832 EEC P0304	CYLINDER	14-Jul-09
2010 V29	E29	42 CUST STA VERIFY C( P0303	CYLINDER	8-Jul-09
2010 V52	D42	42 ENGINE R REPAIRS I P0303	CYLINDER	23-Oct-09
2010 V29	E29	42 CHECK EN PERFORM P0305	CYLINDER	1-Sep-09
2010 V29	E29	42 CHECK EN PERFORM P0305	CYLINDER	8-Feb-10

2010 V25	E68		42 CUSTOME VERFIY S1P0303	CYLINDER	28-Oct-09
2010 V29	E29		42 SERVICE I18290 42 P0304	CYLINDER	28-Aug-09
2010 V29	E29		42 REPAIR VIEEC TEST P0304	CYLINDER	15-Oct-09
2010 V29	E29		42 CUSTOME EEC DIAG P0316	MISFIRE D	21-Oct-09
2010 V29	E29		42 CHECK ENE COMPRI P0305	CYLINDER	8-Feb-10
2010 V52	D36		42 CUSTOME EEC DIAG P0303	CYLINDER	22-Jul-09
2010 V29	E29		42 SERVICE I12731 42 P0300	RANDOM I	28-Aug-09
2010 V29	E29	X2	CUSTOME CK ENGIN P0301	CYLINDER	30-Sep-09
2010 V52	D42		42 REPAIR F(INSF FOR P0302	CYLINDER	1-Sep-09
2010 V40	D13		42 ENGINE R 9F472 42 P0304	CYLINDER	29-Jul-09
2010 V29	E29		42 CUST STA COMPUTE P0300	RANDOM I	7-Oct-09
2010 V52	D21		42 CUSTOME PERFORM P0300	RANDOM I	4-Nov-09
2010 V29	E29		28 CHECK EN 20823 COI P0304	CYLINDER	29-Jul-09
2010 V29	E29		42 CUST STA 6279 TEST P0306	CYLINDER	14-Sep-09
2010 V29	E29		28 CUSTOME OPEN CIR P0302	CYLINDER	29-Oct-09
2010 V29	E29		42 CUSTOME EEC TEST P0305	CYLINDER	23-Nov-09
2010 V29	E29		42 CHECK EN FOUND #2 P0302	CYLINDER	1-Sep-09
2010 V29	E29		46 CUST STA 7062 TEST P0301	CYLINDER	15-Jan-10
2010 V29	E29		42 CHECK ENEEC TEST P0300	RANDOM I	30-Jul-09
2010 V29	E29		1 RUNS ROIVERIFY CC P0301	CYLINDER	14-Sep-09
2010 V29	E29		42 CHECK EN PO ER B P0304	CYLINDER	11-Nov-09
2010 V29	E29	X1	CUSTOME VERIFIED P0301	CYLINDER	28-Aug-09
2010 V29	E29		42 ENG LIGH' PERFORM P0303	CYLINDER	26-Aug-09
2010 V29	E29		49 ENGINE L/DIAGNOSI P0316	MISFIRE D	13-Jul-09
2010 V29	E29		1 TODAY TH REPLACE P0303	CYLINDER	27-Jan-10
2010 V29	E29		1 CUSTOME RUN DIAG P0301	CYLINDER	25-Aug-09
2010 V40	D13		7 CUSTOME VERIFIED P0302	CYLINDER	14-Jan-10
2010 V52	D36		42 CUSTOME CHECK FC P0302	CYLINDER	22-Feb-10
2010 V52	D36		1 CUST STA VERIFIED P0302	CYLINDER	14-Oct-09
2010 V40	D13		1 CUST STA TEST EEC P0316	MISFIRE D	6-Oct-09
2010 V29	E29		7 C STATES ROAD TES P0300	RANDOM I	24-Feb-10
2010 V49	N11		42 CUST STA CHECK SYP0305	CYLINDER	4-Mar-10
2010 V29	E29		1 CUSTOME EEC TEST P0316	MISFIRE D	3-Dec-09
2010 V29	E29		42 RUNS ROI PERFORM P0306	CYLINDER	3-Dec-09
2010 V52	D36		42 CUSTOME VERIFIED P0305	CYLINDER	7-Dec-09
2010 V29	E29		42 CUSTOME BAD ENGI P0304	CYLINDER	30-Sep-09
2010 V52	D42		1 ENGINE R TEST EEC P0306	CYLINDER	27-Aug-09
2010 V29	E29		82 CK ENGIN CK OUT. RP0305	CYLINDER	19-Oct-09
2010 V52	D36		42 TRANS SH RAN SELF P0304	CYLINDER	16-Nov-09
2010 V29	E29		42 CUSTOME ROADTES P0305	CYLINDER	29-Sep-09
2010 V29	E29		42 CUSTOME PERFORM P0303	CYLINDER	7-Aug-09
2010 V29	E29		42 CUSTOME DTC P030:P0305	CYLINDER	6-Oct-09
2010 V29	E29		42 CHECK EN TECH10 4:P0301	CYLINDER	26-Feb-10
2010 V52	D36		42 CUST ADV VERIFIED P0306	CYLINDER	2-Sep-09
2010 V29	E29		42 CUSTOME IDS SELF P0304	CYLINDER	7-Dec-09
2010 V29	E29		46 CUST STA 2885 TEST P0316	MISFIRE D	22-Oct-09
2010 V29	E29		1 CHECK EN REPLACEI P0304	CYLINDER	21-Jan-10
2010 V52	D41		1 CK ON AC TEST EEC P0316	MISFIRE D	6-Jul-09
2010 V52	D41		1 C S VEH I\$ PERF SER P0304	CYLINDER	25-Aug-09
2010 V29	E29		1 CUSTOME EEC TEST P0304	CYLINDER	30-Sep-09
2010 V29	E29		1 CUSTOME SPARK PL P0301	CYLINDER	11-Sep-09

2010 V29	E29	1	CUSTOMER 724 1683 \ P0304	CYLINDER	1-Sep-09
2010 V44	D50	1	VERIFIER VER ET C P0302	CYLINDER	1-Mar-10
2010 V29	E29	1	CUSTOMER VERIFIED P0316	MISFIRE D	24-Jul-09
2010 V29	E29	1	CHK ENIG TEST EEC P0316	MISFIRE D	4-Nov-09
2010 V29	E29	1	CHK ENIG TEST EEC P0304	CYLINDER	4-Nov-09
2010 V29	E29	1	CUSTOMER FOUND C P0302	CYLINDER	9-Oct-09
2010 V40	D13	1	C S HAS E START UP P0303	CYLINDER	26-Feb-10
2010 V29	E29	1	CUSTOMER CK FOR C P0301	CYLINDER	26-Apr-10
2010 V29	E29	1	TO IN C VERIFY C P0305	CYLINDER	4-Nov-09
2010 V29	E29	1	CUSTOMER VERIFIED P0316	MISFIRE D	23-Feb-10
2010 V29	E29	1	CUSTOMER P0316.. C P0305	CYLINDER	17-Feb-10
2010 V29	E29	1	VEHICLE S VERIFIED P0316	MISFIRE D	2-Oct-09
2010 V29	E29	1	CK. ENGINE ROAD TEST P0302	CYLINDER	30-Sep-09
2010 V29	E29	1	CEL IS ON EEC TEST P0306	CYLINDER	5-Nov-09
2010 V29	E29	1	FACTORY VERIFY C P0306	CYLINDER	2-Feb-10
2010 V52	D42	1	THUMPING (EEC.PIN) P0306	CYLINDER	2-Oct-09
2010 V52	D42	1	THUMPING (EEC.PIN) P0316	MISFIRE D	2-Oct-09
2010 V29	E29	1	CK ENGINE PER TSB C P0302	CYLINDER	16-Sep-09
2010 V29	E29	42	CHECK ENGINE EEC TEST P0316	MISFIRE D	5-Nov-09
2010 V29	E29	42	CHECK ENGINE VERIFIED P0306	CYLINDER	31-Jul-09
2010 V29	E29	1	3 36 ENGINE IDS HOOK P0304	CYLINDER	30-Nov-09
2010 V29	E29	1	CUSTOMER EEC TEST P0306	CYLINDER	5-Nov-09
2010 V29	E29	42	CUSTOMER CK FOR EIP0303	CYLINDER	16-Sep-09
2010 V29	E29	42	CK ENGINE LI 15519 126 P0300	RANDOM I	12-Jan-10
2010 V29	E29	42	CHECK ENGINE 9734 CC 4 P0305	CYLINDER	13-Oct-09
2010 V40	D13	42	IDLES VEFIDS DIAG / P0316	MISFIRE D	5-Mar-10
2010 V29	E29	49	CUSTOMER PERFORM P0304	CYLINDER	21-Jul-09
2010 V29	E29	28	CHECK ENGINE PERFORM P0302	CYLINDER	24-Sep-09
2010 V52	D36	42	CHECK AN TEST DRC P0304	CYLINDER	25-Aug-09
2010 V52	D42	42	STILL RUN DIAG MIS P0303	CYLINDER	11-Sep-09
2010 V29	E29	42	CUSTOMER CHECK EE P0300	RANDOM I	1-Dec-09
2010 V29	E29	42	CHECK ENGINE 9F593 CC P0305	CYLINDER	31-Aug-09
2010 V29	E29	42	C S ENGINE RUN EEC P0300	RANDOM I	27-Jul-09
2010 V29	E29	42	CUSTOMER VERIFIED I P0302	CYLINDER	5-Aug-09
2010 V29	E29	42	CUSTOMER EEC TEST P0302	CYLINDER	4-Nov-09
2010 V29	E29	42	CHECK ENGINE PERFORM P0302	CYLINDER	2-Oct-09
2010 V29	E29	42	CUSTOMER VERIFIED P0306	CYLINDER	2-Sep-09
2010 V29	E29	42	E29 CHECK IDS DIAG P0300	RANDOM I	24-Aug-09
2010 V29	E29	42	CUSTOMER STA CAR OU P0306	CYLINDER	3-Nov-09
2010 V21	N17	42	CHECK ENGINE VERIFIED P0305	CYLINDER	17-Sep-09
2010 V29	E29	42	CUSTOMER EEC DIAG P0301	CYLINDER	21-Oct-09
2010 V29	E29	42	CHECK ENGINE HESITATE P0305	CYLINDER	29-Sep-09
2010 V52	D36	42	CUSTOMER EEC DIAG P0300	RANDOM I	22-Jul-09
2010 V29	E29	41	CUSTOMER VERIFIED P0303	CYLINDER	23-Oct-09
2010 V29	E29	42	CHECK ENGINE VERIFIED P0301	CYLINDER	4-Nov-09
2010 V29	E29	42	DRIVABILITY QUICK TEST P0305	CYLINDER	21-Dec-09
2010 V29	E29	42	CUSTOMER 9B989 CC P0300	RANDOM I	21-Jan-10
2010 V29	E29	42	CUSTOMER STA COMPUTE P0303	CYLINDER	7-Oct-09
2010 V52	D21	42	CUSTOMER PERFORM P0316	MISFIRE D	4-Nov-09
2010 V29	E29	30	C S CHECK VERIFIED P0302	CYLINDER	21-Jul-09
2010 V29	E29	1	CHECK ENGINE VERIFY C P0302	CYLINDER	16-Jul-09

2010 V29	E29	42 ENG LIGH IDS P0304 P0304	CYLINDER 2-Dec-09
2010 V29	E29	42 CUSTOME 10631 EEC P0316	MISFIRE D 23-Sep-09
2010 V29	E29	1 C S CK ENCHECK TC P0304	CYLINDER 3-Nov-09
2010 V29	E29	1 CK AND AI01 SPARK P0316	MISFIRE D 29-Mar-10
2010 V29	E29	42 CUST STA TECH 297 P0300	RANDOM I 25-Aug-09
2010 V29	E29	42 E29 VERIFI CHECK EN P0316	MISFIRE D 24-Nov-09
2010 V29	E29	1 CHECK EN TEST AND P0306	CYLINDER 19-Feb-10
2010 V29	E29	42 CHECK EN SPARK PL P0316	MISFIRE D 5-Aug-09
2010 V52	D36	42 C S CAR CHECK FC P0303	CYLINDER 11-Sep-09
2010 V29	E29	42 C S SERVI 12879 AI P0316	MISFIRE D 26-Aug-09
2010 V52	D36	42 DIAGNOSIS SELF TEST P0304	CYLINDER 13-Jul-09
2010 V29	E29	1 ENGINE P FOUND C P0300	RANDOM I 18-Dec-09
2010 V40	D13	42 CUSTOME IDLES ROI P0305	CYLINDER 28-Jul-09
2010 V29	E29	42 CHECK EN TEST FOU P0302	CYLINDER 2-Nov-09
2010 V29	E29	1 SO PARTS REPLACE P0316	MISFIRE D 4-Nov-09
2010 V29	E29	1 PINPOINT P0316	MISFIRE D 2-Mar-10
2010 V29	E29	1 CUSTOME # 1 SPARK P0301	CYLINDER 19-Nov-09
2010 V29	E29	42 CUST STA IDS TEST P0300	RANDOM I 7-Aug-09
2010 V52	D42	69 VEHICLE S ASMOKIN P0304	CYLINDER 9-Sep-09
2010 V49	N12	42 CUSTOME FOUND C P0304	CYLINDER 16-Oct-09
2010 V44	D50	42 CUSTOME 7661 VEHI P0305	CYLINDER 8-Jan-10
2010 V44	D50	42 CUSTOME 7661 VEHI P0302	CYLINDER 8-Jan-10
2010 V29	E29	42 C S HAS E PERFORM P0300	RANDOM I 12-Oct-09
2010 V52	D36	42 AUTO TRARAN SELF P0304	CYLINDER 5-Jan-10
2010 V29	E29	42 CK ENG L 12029 42 1 P0305	CYLINDER 5-Oct-09
2010 V29	E29	42 CUSTOME ROADTES P0306	CYLINDER 29-Sep-09
2010 V29	E29	42 C S CHEC VERIFIED P0303	CYLINDER 19-Jan-10
2010 V52	D42	42 SERVICE IDS TEST P0304	CYLINDER 16-Sep-09
2010 V29	E29	63 C S THAT VERIFIED P0304	CYLINDER 17-Sep-09
2010 V29	E29	63 C S THAT VERIFIED P0302	CYLINDER 17-Sep-09
2010 V29	E29	42 CUST STA PERFORM P0306	CYLINDER 27-Aug-09
2010 V29	E29	42 CHECK VE VERIFY C P0306	CYLINDER 11-Jan-10
2010 V29	E29	42 CUSTOME EEC TEST P0304	CYLINDER 11-Sep-09
2010 V29	E29	42 SERVICE I EEC P030 P0305	CYLINDER 5-Jan-10
2010 V29	E29	1 CUSTOME 12405 01 P0316	MISFIRE D 23-Oct-09
2010 V52	D36	1 VERIFIER DIAG IDS P0316	MISFIRE D 2-Nov-09
2010 V29	E29	1 CHECK EN IDS TEST P0316	MISFIRE D 21-Apr-10
2010 V29	E29	1 CUSTOME EEC TEST P0301	CYLINDER 30-Sep-09
2010 V29	E29	1 O NER S VERIFY C P0301	CYLINDER 23-Dec-09
2010 V29	E29	1 CHECK EN SPARK PL P0303	CYLINDER 18-Jan-10
2010 V29	E29	1 CUSTOME EEC TEST P0306	CYLINDER 2-Jul-09
2010 V29	E29	1 ENGINE R INSTALLEI P0302	CYLINDER 8-Sep-09
2010 V29	E29	1 C29 REPA 32891 CHE P0316	MISFIRE D 6-Aug-09
2010 V29	E29	1 C29 REPA 32891 CHE P0304	CYLINDER 6-Aug-09
2010 V29	E29	1 CHECK AN 12405 01 P0301	CYLINDER 23-Dec-09
2010 V29	E29	1 CUST STA CHECK EN P0316	MISFIRE D 28-Sep-09
2010 V29	E29	1 CHECK EN RAN SELF P0316	MISFIRE D 16-Sep-09
2010 V29	E29	1 CHECK EN RAN SELF P0301	CYLINDER 16-Sep-09
2010 V29	E29	1 CUST STA VERIFIED P0305	CYLINDER 18-Jan-10
2010 V44	D50	1 CUSTOME VERFIED P0316	MISFIRE D 3-Nov-09
2010 V29	E29	1 E29 CROS 17532 BRC P0301	CYLINDER 5-Oct-09



2010 V29	E29		1 CK. ENGIN ROAD TES P0304	CYLINDER 30-Sep-09
2010 V52	D42		1 THUMPIN(EEC.PINP(P0301	CYLINDER 2-Oct-09
2010 V29	E29		1 E29 CHEC 3350 EEC P0303	CYLINDER 10-Nov-09
2010 V29	E29		42 CUST STAMIL ON. P(P0304	CYLINDER 30-Mar-10
2010 V29	E29		46 CUSTOME PERFORM P0304	CYLINDER 15-Jan-10
2010 V40	D13		42 HEN AT 12405 42 P0301	CYLINDER 15-Oct-09
2010 V29	E29		42 CUSTOME HOTLINE (P0302	CYLINDER 13-Oct-09
2010 V29	E29		42 CUSTOME TEST EEC P0302	CYLINDER 8-Sep-09
2010 V29	E29		1 CUSTOME VERFIY EN P0305	CYLINDER 14-Jan-10
2010 V29	E29		42 CK ENG LI EEC TEST P0300	RANDOM I 15-Sep-09
2010 V29	E29		1 CUSTOME #2 CYLIND P0304	CYLINDER 23-Dec-09
2010 V29	E29		42 CK ENGIN EEC TEST P0316	MISFIRE D 6-Oct-09
2010 V29	E29		42 CK ENGIN EEC TEST P0300	RANDOM I 6-Oct-09
2010 V29	E29		42 INSPECT F6832 EEC P0316	MISFIRE D 14-Jul-09
2010 V29	E29		42 C S CHEC IDS TEST P0303	CYLINDER 19-Oct-09
2010 V29	E29		42 CUSTOME DOES NOT P0302	CYLINDER 29-Jul-09
2010 V29	E29		42 CUSTOME TEST EEC P0305	CYLINDER 1-Mar-10
2010 V52	D36		42 GAS ENGI IDS TESTS P0305	CYLINDER 11-Sep-09
2010 V29	E29		42 E29 CUSTI CC 42 9F5 P0303	CYLINDER 2-Oct-09
2010 V29	E29		42 CUSTOME EEC TEST P0316	MISFIRE D 4-Nov-09
2010 V29	E29		42 CHECK EN CHECK EN P0303	CYLINDER 1-Sep-09
2010 V40	D13		42 CUSTOME PERFORM P0303	CYLINDER 22-Sep-09
2010 V40	D13		42 TO ED INCHK OBDI P0306	CYLINDER 9-Dec-09
2010 V44	D50	D4	CUSTOME #4 FUEL IN P0304	CYLINDER 28-Sep-09
2010 V29	E29		42 CUSTOME VERIFY C(P0303	CYLINDER 6-Aug-09
2010 V29	E29		42 CUSTOME VERIFY C(P0300	RANDOM I 6-Aug-09
2010 V29	E29		42 CHECK EN E COMPRI P0316	MISFIRE D 8-Feb-10
2010 V29	E29		42 SERVICE I 12731 42 P0303	CYLINDER 28-Aug-09
2010 V29	E29		28 REPORT C ROAD TES P0306	CYLINDER 21-Jul-09
2010 V52	D41		28 CUSTOME PERF EEC P0316	MISFIRE D 21-Jul-09
2010 V29	E29		42 E29 CUST RUN IDS (P0301	CYLINDER 23-Oct-09
2010 V52	D42		42 REPAIR F(INSF FOR P0305	CYLINDER 1-Sep-09
2010 V29	E29		42 CHECK EN CONFIRM P0316	MISFIRE D 19-Oct-09
2010 V29	E29		42 CUSTOME 9B989 CC P0302	CYLINDER 21-Jan-10
2010 V29	E29	X2	CUSTOME TECH PER P0306	CYLINDER 28-Aug-09
2010 V29	E29		42 CUSTOME FLASHED P0304	CYLINDER 26-Oct-09
2010 V29	E29		4 CHECK EN 320 DIAGN P0316	MISFIRE D 14-Jul-09
2010 V29	E29		1 CUSTOME 13063 CC I P0316	MISFIRE D 3-Sep-09
2010 V44	D50		42 CHECK AN COMPUTC P0300	RANDOM I 22-Sep-09
2010 V29	E29		1 ENGINE LI P0301. EN P0301	CYLINDER 14-Oct-09
2010 V29	E29		42 E29 VERIFI CHECK EN P0306	CYLINDER 24-Nov-09
2010 V29	E29		1 CHECK EN TEST AND P0301	CYLINDER 19-Feb-10
2010 V29	E29		42 CHECK EN EEC TEST P0305	CYLINDER 30-Jul-09
2010 V29	E29		42 CHECK EN EEC TEST P0300	RANDOM I 4-Dec-09
2010 V29	E29		42 CHECK EN EEC TEST P0305	CYLINDER 4-Dec-09
2010 V29	E29		42 CUSTOME AND CHEC P0305	CYLINDER 5-Jan-10
2010 V29	E29	X1	CUSTOME VERIFIED P0304	CYLINDER 28-Aug-09
2010 V29	E29		42 CUST STA 9538 1240 P0305	CYLINDER 7-Oct-09
2010 V29	E29		42 E29 C S SI ROAD TES P0306	CYLINDER 28-Aug-09
2010 V29	E29		42 C S SERVI 12879 AI P0302	CYLINDER 26-Aug-09
2010 V52	D36		42 DIAGNOSI SELF TES P0316	MISFIRE D 13-Jul-09

2010 V29	E29	49 ENGINE L/DIAGNOSI P0304	CYLINDER	13-Jul-09
2010 V29	E29	49 ENGINE L/DIAGNOSI P0300	RANDOM I	13-Jul-09
2010 V29	E29	42 CUSTOME CHECK DT P0316	MISFIRE D	27-Jul-09
2010 V29	E29	42 CUSTOME PLUGS.VE P0301	CYLINDER	24-Jul-09
2010 V44	D50	42 ENGINE APPROVA P0304	CYLINDER	28-Sep-09
2010 V29	E29	1 CUSTOME # 1 SPARK P0316	MISFIRE D	19-Nov-09
2010 V29	E29	1 REPLACE P0304	CYLINDER	22-Feb-10
2010 V29	E29	7 C STATES ROAD TES P0306	CYLINDER	24-Feb-10
2010 V29	E29	42 CUST STA IDS TEST P0302	CYLINDER	7-Aug-09
2010 V29	E29	42 CHECK EN VERIFIED P0305	CYLINDER	7-Oct-09
2010 V29	E29	30 CHECK EN PERFORM P0316	MISFIRE D	19-Oct-09
2010 V40	D13	1 CK ADVISI 12402 01 P0302	CYLINDER	1-Mar-10
2010 V29	E29	42 RUNS ROI PERFORM P0316	MISFIRE D	3-Dec-09
2010 V52	D36	42 CUSTOME VERIFIED P0316	MISFIRE D	7-Dec-09
2010 V29	E29	42 CHECK AN DIAG FOR P0316	MISFIRE D	17-Sep-09
2010 V29	E29	42 CHECK AN DIAG FOR P0305	CYLINDER	17-Sep-09
2010 V29	E29	42 CHECK AN DIAG FOR P0302	CYLINDER	17-Sep-09
2010 V52	D42	1 TO ED T(VERIFY C( P0305	CYLINDER	10-Nov-09
2010 V29	E29	1 CHECK EN EEC TEST P0306	CYLINDER	10-Sep-09
2010 V29	E29	42 C S HAS E PERFORM P0305	CYLINDER	12-Oct-09
2010 V40	D13	42 CK TRANSX TEST EE P0304	CYLINDER	28-Aug-09
2010 V29	E29	42 HARD STA EEC TEST P0302	CYLINDER	9-Sep-09
2010 V29	E29	42 DAIG COD DIAG CEL P0306	CYLINDER	23-Sep-09
2010 V29	E29	1 CUSTOME DIAGNOSI P0316	MISFIRE D	17-Sep-09
2010 V29	E29	1 CUSTOME DIAGNOSI P0305	CYLINDER	17-Sep-09
2010 V29	E29	42 CUSTOME HOOK UP P0306	CYLINDER	4-Aug-09
2010 V29	E29	42 MIL LITE C EEC TEST P0306	CYLINDER	5-Aug-09
2010 V29	E29	42 CUSTOME IDS TEST P0303	CYLINDER	21-Oct-09
2010 V29	E29	28 CUSTOME OPEN CIR P0301	CYLINDER	15-Jan-10
2010 V29	E29	42 CHECK EN CAR RUN P0301	CYLINDER	2-Apr-09
2010 V29	E29	42 CUSTOME 14373 DIAI P0305	CYLINDER	30-Jul-09
2010 V29	E29	42 CHECK MI PERFORM P0306	CYLINDER	6-Aug-09
2010 V52	D36	42 TEST DRC CHECKED P0303	CYLINDER	10-Mar-10
2010 V29	E29	42 CHECK EN 439 SHOR P0304	CYLINDER	1-Apr-10
2010 V29	E29	1 CUSTOME VERIFY C( P0303	CYLINDER	7-Jul-09
2010 V29	E29	1 E29 CUST VERIFIED P0304	CYLINDER	11-Sep-09
2010 V52	D36	1 VERIFIER DIAG IDS ( P0302	CYLINDER	2-Nov-09
2010 V52	D36	1 VERIFIER DIAG IDS ( P0301	CYLINDER	2-Nov-09
2010 V29	E29	1 CUST. ST/ VERIFIED P0300	RANDOM I	10-Feb-10
2010 V29	E29	42 CUSTOME VERIFIED P0306	CYLINDER	11-Sep-09
2010 V52	D36	1 CUST STA PLUG BRCP0316	MISFIRE D	14-Jan-10
2010 V29	E29	1 CUSTOME SPARK PL P0316	MISFIRE D	11-Sep-09
2010 V52	D36	1 C/S CHK E VERIFIED P0306	CYLINDER	16-Sep-09
2010 V40	D13	1 CK VEHICI VERIFIED P0316	MISFIRE D	1-Dec-09
2010 V44	D50	1 ENGINE M INSPECTE P0316	MISFIRE D	9-Mar-10
2010 V29	E29	1 CUST STA CHECK EN P0304	CYLINDER	28-Sep-09
2010 V40	D13	1 CUSTOME 12405 CC I P0300	RANDOM I	21-Jan-10
2010 V29	E29	1 O NER S' RAN IDS T P0302	CYLINDER	8-Oct-09
2010 V29	E29	42 DIAG CHE DIAG CHE P0305	CYLINDER	3-Dec-09
2010 V29	E29	1 CHCKED E PERFORM P0303	CYLINDER	23-Oct-09
2010 V29	E29	1 ARNING RUN TEST P0301	CYLINDER	13-Oct-09

2010 V52	D42		1 THUMPING EEC.PINP P0303	CYLINDER	2-Oct-09
2010 V29	E29		42 CUST STAMIL ON. P P0305	CYLINDER	30-Mar-10
2010 V29	E29		42 CUST STAMIL ON. P P0300	RANDOM I	30-Mar-10
2010 V29	E29		42 CUST A TEST EEC P0304	CYLINDER	20-Oct-09
2010 V29	E29		1 VERIFIER 8389 SOR P0303	CYLINDER	7-Jul-09
2010 V29	E29		42 CHECK AM 12405 42 P0303	CYLINDER	5-Oct-09
2010 V29	E29		42 CUSTOME TEST EEC P0301	CYLINDER	2-Dec-09
2010 V29	E29		42 ADVISE OICK EEC P P0306	CYLINDER	12-Apr-10
2010 V40	D13		1 CUSTOME CCC D13 1P0302	CYLINDER	6-Jan-10
2010 V40	D13		1 LUMIERE CONFIRM P0302	CYLINDER	15-Jul-09
2010 V29	E29		1 CHECK EN 5321 ROAI P0306	CYLINDER	30-Jul-09
2010 V29	E29		1 CHECK EN 5321 ROAI P0301	CYLINDER	30-Jul-09
2010 V29	E29		42 REPORT C NEC TO ID P0316	MISFIRE D	27-Aug-09
2010 V29	E29		42 CK ENGIN EEC TEST P0303	CYLINDER	6-Oct-09
2010 V29	E29		42 ENGINE LIVERIFIED P0301	CYLINDER	1-Sep-09
2010 V29	E29		1 CHECK EN REPLACEI P0316	MISFIRE D	8-Oct-09
2010 V29	E29		1 CK ENGIN IDS TEST P0306	CYLINDER	3-Nov-09
2010 V29	E29		42 CUSTOME PEFORM I P0301	CYLINDER	19-Oct-09
2010 V29	E29		42 CHECK EN EEC TEST P0303	CYLINDER	25-Sep-09
2010 V29	E29		42 CHECK EN 9F593 CC P0300	RANDOM I	31-Aug-09
2010 V29	E29		42 CUSTOME PASS P03 P0316	MISFIRE D	30-Sep-09
2010 V29	E29		42 CUSTOME PASS P03 P0300	RANDOM I	30-Sep-09
2010 V29	E29		42 3 36 DRIV 3 36 IDS T P0306	CYLINDER	21-Jul-09
2010 V25	E68	D1	EXCESSIV #3 INJECT P0303	CYLINDER	14-Oct-09
2010 V29	E29		42 CUSTOME VERRIFIEI P0316	MISFIRE D	15-Oct-09
2010 V52	D42		42 LO PO ROAD TES P0306	CYLINDER	30-Sep-09
2010 V29	E29		42 CHECK EN PERFORM P0316	MISFIRE D	1-Sep-09
2010 V29	E29		42 CHECK EN PERFORM P0316	MISFIRE D	8-Feb-10
2010 V29	E29		42 TO IN CLCHK OBDI P0304	CYLINDER	16-Oct-09
2010 V29	E29		42 CUSTOME ROAD TES P0303	CYLINDER	7-Oct-09
2010 V29	E29		42 E29 CHEC IDS DIAG P0301	CYLINDER	24-Aug-09
2010 V29	E29		42 CHECK EN RAN SYST P0301	CYLINDER	24-Nov-09
2010 V29	E29		42 CUST STA CAR OU P0305	CYLINDER	3-Nov-09
2010 V29	E29		42 CUST STA CAR OU P0300	RANDOM I	3-Nov-09
2010 V29	E29		42 CHECK EN PERFORM P0302	CYLINDER	21-Oct-09
2010 V29	E29		69 HEN ACI VERIFY C P0316	MISFIRE D	22-Jul-09
2010 V29	E29		42 CUSTOME VERIFY C P0302	CYLINDER	6-Aug-09
2010 V29	E29		42 E29 TO ECC42 CP9 P0316	MISFIRE D	16-Oct-09
2010 V29	E29		42 DIAGNOSI ROAD TES P0300	RANDOM I	31-Aug-09
2010 V29	E29		42 DRIVABILI UICK TE P0302	CYLINDER	21-Dec-09
2010 V29	E29		28 INSPECT FEEC DIAG P0300	RANDOM I	6-Aug-09
2010 V29	E29		42 CUST STA COMPUTE P0301	CYLINDER	7-Oct-09
2010 V52	D21		42 C/S CEL A CHECKED P0316	MISFIRE D	26-Jan-10
2010 V29	E29		30 C S CHEC VERIFIED P0300	RANDOM I	21-Jul-09
2010 V52	D36		42 HESITATE JERKS ON P0303	CYLINDER	27-Aug-09
2010 V40	D13		1 EN ATTEN RETRIEVE P0305	CYLINDER	2-Apr-09
2010 V29	E29		42 CHECK EN DIAG CHE P0316	MISFIRE D	13-Apr-10
2010 V29	E29		42 CHECK AN EEC DIAG P0306	CYLINDER	29-Jul-09
2010 V29	E29		1 CUSTOME 13063 CC I P0301	CYLINDER	3-Sep-09
2010 V44	D50		42 CHECK AN COMPUTC P0304	CYLINDER	22-Sep-09
2010 V29	E29		28 CUSTOME OPEN CIR P0316	MISFIRE D	29-Oct-09

2010 V29	E29	42 CHECK ENVER MIS IP0301	CYLINDER 13-Jan-10
2010 V29	E29	42 ENGINE EEC TEST P0304	CYLINDER 3-Sep-09
2010 V29	E29	28 CUSTOME VERIFIED P0305	CYLINDER 21-Sep-09
2010 V52	D21	42 CHECK EN DIAG FOR P0305	CYLINDER 23-Dec-09
2010 V29	E29	42 CUST STA TEST AND P0301	CYLINDER 6-Jan-10
2010 V29	E29	42 LA LUMIEF CONTROL P0305	CYLINDER 13-Jan-10
2010 V29	E29	42 CUSTOME AND CHEC P0302	CYLINDER 5-Jan-10
2010 V29	E29	49 ENGINE L/ DIAGNOSI P0305	CYLINDER 13-Jul-09
2010 V29	E29	42 CHECK EN TEST FOU P0304	CYLINDER 2-Nov-09
2010 V29	E29	1 ENGINE LI REPLACEI P0302	CYLINDER 17-Sep-09
2010 V29	E29	41 CLIENT ST FAILED SF P0303	CYLINDER 31-Aug-09
2010 V29	E29	1 E29 VEHIC TORE ENG P0304	CYLINDER 9-Sep-09
2010 V29	E29	7 C STATES ROAD TES P0316	MISFIRE D 24-Feb-10
2010 V29	E29	42 CUST STA IDS TEST IP0305	CYLINDER 7-Aug-09
2010 V49	N11	1 CUSTOME CK CK ENIP0306	CYLINDER 4-Aug-09
2010 V49	N11	1 CUSTOME CK CK ENIP0304	CYLINDER 4-Aug-09
2010 V52	D36	42 CHECK C/ DIAG AND P0305	CYLINDER 9-Sep-09
2010 V52	D36	42 CHECK C/ DIAG AND P0302	CYLINDER 9-Sep-09
2010 V29	E29	1 CHECK EN 12903 610i P0316	MISFIRE D 5-Aug-09
2010 V40	D13	1 CHECK FC #6 MISSFII P0306	CYLINDER 25-Aug-09
2010 V40	D13	1 CHECK FC #6 MISSFII P0303	CYLINDER 25-Aug-09
2010 V29	E29	1 CHECK EN EEC TEST P0303	CYLINDER 10-Sep-09
2010 V29	E29	42 C S HAS E PERFORM P0316	MISFIRE D 12-Oct-09
2010 V52	D36	42 AUTO TRAPERFORM P0304	CYLINDER 9-Feb-10
2010 V29	E29	42 HARD STA EEC TEST P0300	RANDOM I 9-Sep-09
2010 V29	E29	42 CHECK AN DIAGNOSI P0304	CYLINDER 13-Apr-10
2010 V29	E29	42 C S CHEC DIAG AND P0305	CYLINDER 14-Oct-09
2010 V29	E29	42 RDTEST 1 15142 210 P0305	CYLINDER 11-Nov-09
2010 V29	E29	42 RDTEST 1 15142 210 P0304	CYLINDER 11-Nov-09
2010 V29	E29	42 CUSTOME IDS TESTS P0305	CYLINDER 21-Oct-09
2010 V29	E29	42 C S CHEC INOP EEC P0302	CYLINDER 15-Jan-10
2010 V29	E29	42 CUST REF VERIFIED P0306	CYLINDER 2-Feb-10
2010 V29	E29	42 CHECK EN MT TIME F P0306	CYLINDER 13-Oct-09
2010 V29	E29	42 CUSTOME VERIFY MIP0316	MISFIRE D 10-Sep-09
2010 V29	E29	42 CUSTOME VERIFY MIP0306	CYLINDER 10-Sep-09
2010 V52	D02	42 TO IN LVECHICLE P0303	CYLINDER 21-Oct-09
2010 V29	E29	46 CUST. ST/ SHORTED P0303	CYLINDER 22-Oct-09
2010 V29	E29	1 CUSTOME PERFORM P0316	MISFIRE D 21-Apr-10
2010 V52	D41	1 CHECK FC 12405 01 TP0303	CYLINDER 12-Apr-10
2010 V29	E29	1 CHECK FC CC01 124C P0302	CYLINDER 25-Aug-09
2010 V52	D36	1 VERIFIER DIAG IDS IP0305	CYLINDER 2-Nov-09
2010 V29	E29	1 CHECK EI IDS TEST IP0303	CYLINDER 23-Jul-09
2010 V29	E29	1 O NER S' EEC DIAG P0301	CYLINDER 14-Jan-10
2010 V52	D42	42 HEN THIR ROAD TES P0300	RANDOM I 28-Jul-09
2010 V29	E29	1 CUSTOME CK FOR CIP0302	CYLINDER 31-Jul-09
2010 V29	E29	1 CUSTOME SPARK PL P0302	CYLINDER 11-Sep-09
2010 V29	E29	1 CHECK EN 12405 01 1 P0305	CYLINDER 5-Oct-09
2010 V29	E29	1 CUSTOME VERIFIED P0301	CYLINDER 24-Jul-09
2010 V29	E29	1 CUSTOME FOUND CE P0316	MISFIRE D 9-Oct-09
2010 V29	E29	1 CUST STA CHECK EN P0300	RANDOM I 28-Sep-09
2010 V29	E29	42 CHECK EN VERIFIED P0316	MISFIRE D 30-Sep-09

2010 V40	D13	1	CUSTOME 12405 CC I P0302	CYLINDER	21-Jan-10
2010 V29	E29	1	CHCKED EPERFORM P0302	CYLINDER	23-Oct-09
2010 V29	E29	1	CHECK EN VERIFIED P0304	CYLINDER	4-Jan-10
2010 V29	E29	1	CK ENGIN CHECK EN P0300	RANDOM I	5-Aug-09
2010 V29	E29	1	ENGINE IC #1 SPARK P0301	CYLINDER	11-Mar-10
2010 V52	D42	1	THUMPIN(EEC.PINP( P0305	CYLINDER	2-Oct-09
2010 V52	D42	1	THUMPIN(EEC.PINP( P0304	CYLINDER	2-Oct-09
2010 V29	E29	1	E29 CHEC 3350 EEC P0306	CYLINDER	10-Nov-09
2010 V29	E29	1	E29 CHEC 3350 EEC P0305	CYLINDER	10-Nov-09
2010 V29	E29	1	E29 CHEC 3350 EEC P0302	CYLINDER	10-Nov-09
2010 V29	E29	42	CHECK AN FOUND OI P0302	CYLINDER	27-Jan-10
2010 V29	E29	42	CUST STA MIL ON. P( P0302	CYLINDER	30-Mar-10
2010 V40	D13	42	SURGE AT 12405 42 P0306	CYLINDER	20-Apr-10
2010 V29	E29	42	CHECK EN EEC TEST P0304	CYLINDER	5-Nov-09
2010 V29	E29	42	CUST A\$ TEST EEC P0301	CYLINDER	20-Oct-09
2010 V29	E29	42	CUSTOME TEST EEC P0301	CYLINDER	23-Dec-09
2010 V29	E29	42	CHECK EN SPARK PL P0305	CYLINDER	19-Dec-09
2010 V29	E29	42	CUST STA IDS TESTE P0301	CYLINDER	25-Aug-09
2010 V29	E29	42	CUSTOME CHECK EN P0304	CYLINDER	4-Nov-09
2010 V29	E29	42	CUST STS VERIFY C( P0305	CYLINDER	10-Jul-09
2010 V29	E29	42	CUSTOME CK FOR EI P0305	CYLINDER	16-Sep-09
2010 V40	D13	42	CHK AND ,42 PLUG P0316	MISFIRE D	17-Dec-09
2010 V29	E29	42	CUSTOME MIL ON KC P0302	CYLINDER	25-Nov-09
2010 V29	E29	42	CK ENG LI 15519 126( P0305	CYLINDER	12-Jan-10
2010 V40	D13	42	CK. FOR RTEST EEC P0302	CYLINDER	8-Oct-09
2010 V29	E29	42	REPORT C NEC TO ID P0306	CYLINDER	27-Aug-09
2010 V29	E29	42	REPORT C NEC TO ID P0301	CYLINDER	27-Aug-09
2010 V29	E29	42	CHECK EN 9734 CC 4( P0316	MISFIRE D	13-Oct-09
2010 V29	E29	49	CUSTOME PERFORM P0316	MISFIRE D	21-Jul-09
2010 V29	E29	42	CUSTOME #6 FUEL IN P0306	CYLINDER	22-Jul-09
2010 V29	E29	42	C S THAT PERFORM P0302	CYLINDER	29-Oct-09
2010 V29	E29	42	DRIVEABL PERFORM P0301	CYLINDER	13-Jan-10
2010 V52	D36	42	CUST STS REMOVED P0302	CYLINDER	13-Oct-09
2010 V29	E29	42	CUSTOME PASS P03( P0306	CYLINDER	30-Sep-09
2010 V29	E29	42	3 36 DRIV 3 36 IDS T P0316	MISFIRE D	21-Jul-09
2010 V29	E29	42	HEN HIT INOP INJE P0306	CYLINDER	14-Dec-09
2010 V52	D36	42	GAS ENGI IDS TEST\$ P0300	RANDOM I	11-Sep-09
2010 V29	E29	42	E29 CUST( CC 42 9F5 P0302	CYLINDER	2-Oct-09
2010 V29	E29	D1	C/S CHEC VERIFIED P0306	CYLINDER	16-Sep-09
2010 V52	D42	42	LO PO ROAD TES P0316	MISFIRE D	30-Sep-09
2010 V29	E29	42	C S CK EN 7262 9F59( P0302	CYLINDER	11-Nov-09
2010 V29	E29	42	C S CK EN 7262 9F59( P0301	CYLINDER	11-Nov-09
2010 V29	E29	42	CUSTOME VERIFIED P0303	CYLINDER	7-Oct-09
2010 V25	E68	42	CUSTOME VERFIY ST P0316	MISFIRE D	28-Oct-09
2010 V25	E68	42	CUSTOME VERFIY ST P0302	CYLINDER	28-Oct-09
2010 V40	D13	42	CUST STA 9F593 CC P0302	CYLINDER	21-Jul-09
2010 V29	E29	42	CHECK AN IDS TEST P0316	MISFIRE D	11-Sep-09
2010 V29	E29	42	CHECK AN IDS TEST P0301	CYLINDER	11-Sep-09
2010 V29	E29	69	HEN AC( VERIFY C P0302	CYLINDER	22-Jul-09
2010 V52	D36	42	CUSTOME EEC DIAG P0302	CYLINDER	22-Jul-09
2010 V29	E29	42	CUSTOME IDS PINPC P0302	CYLINDER	4-Dec-09

2010 V29	E29		28 REPORT C ROAD TES P0316	MISFIRE D	21-Jul-09
2010 V29	E29		42 BODY ELE P0302. DA P0302	CYLINDER	2-Nov-09
2010 V29	E29		42 CUST STA #3 INJECT P0303	CYLINDER	28-Aug-09
2010 V29	E29		1 THE SERV ROAD TES P0303	CYLINDER	15-Sep-09
2010 V52	D36		42 CUSTOME VERIFIED P0304	CYLINDER	30-Jul-09
2010 V29	E29		28 CHECK EN 321 UEGO P0305	CYLINDER	20-Jan-10
2010 V29	E29	X2	CUSTOME VERIFY C P0303	CYLINDER	22-Sep-09
2010 V44	D50		42 CHECK AN COMPUTC P0302	CYLINDER	22-Sep-09
2010 V44	D50		42 CHECK AN COMPUTC P0301	CYLINDER	22-Sep-09
2010 V52	D36		42 CUSTOME VERIFIED P0300	RANDOM I	25-Nov-09
2010 V52	D36		42 CUSTOME VERIFIED P0304	CYLINDER	25-Nov-09
2010 V29	E29		1 CHECK EN ROAD TES P0306	CYLINDER	21-Dec-09
2010 V29	E29		1 CHECK EN IDS DIAG P0302	CYLINDER	14-Sep-09
2010 V29	E29		46 CUST STA 7062 TEST P0316	MISFIRE D	15-Jan-10
2010 V29	E29		1 CUSTOME IDS DIAG P0301	CYLINDER	4-Feb-10
2010 V29	E29		1 C S CK EN CHECK TC P0316	MISFIRE D	3-Nov-09
2010 V29	E29		42 C S THE E 7026 SPAF P0302	CYLINDER	22-Mar-10
2010 V29	E29		42 E29 CUSTO CC 42 124 P0306	CYLINDER	24-Aug-09
2010 V29	E29		1 E40 ANO FAIRE TES P0304	CYLINDER	6-Jan-10
2010 V17	E40		42 CHECK EN CHECKED P0303	CYLINDER	13-Jul-09
2010 V29	E29		1 CHECK EN P301 P030 P0300	RANDOM I	5-Oct-09
2010 V52	D36		1 ALSO ROL RETREIVE P0305	CYLINDER	6-Jul-09
2010 V29	E29		1 CHECK EN VERIFIED P0304	CYLINDER	3-Feb-10
2010 V52	D42		42 D50 ADVISE BASE ENG P0306	CYLINDER	14-Oct-09
2010 V52	D42		42 D50 ADVISE BASE ENG P0303	CYLINDER	14-Oct-09
2010 V29	E29		42 CHECK EN VERIFY C P0305	CYLINDER	19-Nov-09
2010 V29	E29		1 CUSTOME VERIFIED P0306	CYLINDER	7-Aug-09
2010 V52	D42		30 C S CAR R FAULTY S P0316	MISFIRE D	1-Apr-10
2010 V49	N12		42 CUSTOME INSPECT F P0305	CYLINDER	23-Jul-09
2010 V40	D13		1 CUST STA TEST EEC P0300	RANDOM I	6-Oct-09
2010 V52	D42		42 CHECK EN ROAD TES P0303	CYLINDER	22-Feb-10
2010 V29	E29		42 RUNS ROL PERFORM P0301	CYLINDER	3-Dec-09
2010 V29	E29		42 CUST STA RAN ENGI P0305	CYLINDER	5-Oct-09
2010 V52	D42		1 ENGINE R TEST EEC P0316	MISFIRE D	27-Aug-09
2010 V52	D42		1 ENGINE R TEST EEC P0303	CYLINDER	27-Aug-09
2010 V29	E29		1 CHECK EN 12903 610 P0305	CYLINDER	5-Aug-09
2010 V52	D21		30 ENGINE S RETREIVE P0316	MISFIRE D	21-Oct-09
2010 V29	E29		1 CHECK EN EEC TEST P0316	MISFIRE D	10-Sep-09
2010 V29	E29		42 C S HAS E PERFORM P0306	CYLINDER	12-Oct-09
2010 V49	N11		42 CUSTOME HARNESS P0316	MISFIRE D	21-Jul-09
2010 V29	E29		82 CUST STA CHECKED P0306	CYLINDER	2-Nov-09
2010 V29	E29		42 HARD STA EEC TEST P0301	CYLINDER	9-Sep-09
2010 V29	E29		42 CHECK EN 3 36 ARF P0302	CYLINDER	5-Apr-10
2010 V52	D42		42 SERVICE IDS TEST P0316	MISFIRE D	16-Sep-09
2010 V29	E29		42 CUSTOME EEC TEST P0303	CYLINDER	25-Sep-09
2010 V29	E29		42 CUSTOME DOES NOT P0302	CYLINDER	8-Sep-09
2010 V29	E29		42 GAS DRIV IDS TEST P0301	CYLINDER	8-Jul-09
2010 V29	E29		42 C S CHEC 7757 CHE P0306	CYLINDER	18-Nov-09
2010 V29	E29		46 CUST STA COIL SHO P0306	CYLINDER	9-Sep-09
2010 V29	E29		42 CS THE C DIAGNOS P0306	CYLINDER	20-Nov-09
2010 V29	E29		42 CHECK EN ROAD TES P0306	CYLINDER	7-Oct-09

2010 V29	E29	42 SES LIGHT DIAG AND P0300	RANDOM I 16-Oct-09
2010 V29	E29	42 CHK ENGI VERIFY C(P0304	CYLINDER 27-Aug-09
2010 V29	E29	42 CUSTOME EEC TEST P0316	MISFIRE D 11-Sep-09
2010 V44	D50	1 CK OUT C TESTED E P0316	MISFIRE D 6-Apr-10
2010 V52	D36	1 VERIFIER DIAG IDS (P0304	CYLINDER 2-Nov-09
2010 V29	E29	1 CONCERN VERIFIED P0316	MISFIRE D 3-Nov-09
2010 V29	E29	1 CUSTOME DIAGNOSI P0302	CYLINDER 25-Aug-09
2010 V29	E29	1 CUSTOME DIAGNOSI P0300	RANDOM I 25-Aug-09
2010 V29	E29	1 CUST. ST/ VERIFIED P0304	CYLINDER 10-Feb-10
2010 V29	E29	1 O NER S VERIFY C(P0306	CYLINDER 23-Dec-09
2010 V29	E29	1 CK INSPE(DIAG COD P0305	CYLINDER 25-Sep-09
2010 V29	E29	42 CUST STA VERIFIED P0306	CYLINDER 23-Sep-09
2010 V29	E29	42 CUSTOME VERIFIED P0302	CYLINDER 21-Jul-09
2010 V52	D21	1 DRIVEABII ALOT OF (P0304	CYLINDER 16-Oct-09
2010 V52	D21	1 DRIVEABII ALOT OF (P0301	CYLINDER 16-Oct-09
2010 V29	E29	42 CUSTOME FOUND C(P0302	CYLINDER 19-Jan-10
2010 V29	E29	1 CUST STS VERIFY C(P0303	CYLINDER 22-Sep-09
2010 V52	D36	1 CUST STA TIME TO C P0301	CYLINDER 23-Nov-09
2010 V29	E29	1 ON ACCEL BROKEN (P0306	CYLINDER 14-Dec-09
2010 V29	E29	1 CK SERVI( TEST EEC P0316	MISFIRE D 29-Apr-10
2010 V29	E29	1 O NER S' RAN IDS T P0304	CYLINDER 8-Oct-09
2010 V29	E29	1 E29 CROS 17532 BRC P0304	CYLINDER 5-Oct-09
2010 V29	E29	1 VEHICLE ( VERIFIED P0300	RANDOM I 2-Oct-09
2010 V29	E29	1 CK ENGIN CHECK EN P0303	CYLINDER 5-Aug-09
2010 V29	E29	1 ENGINE IC #1 SPARK P0316	MISFIRE D 11-Mar-10
2010 V52	D42	1 THUMPIN(EEC.PINP(P0302	CYLINDER 2-Oct-09
2010 V29	E29	1 CHECK EN 4679 CC 0 P0305	CYLINDER 22-Dec-09
2010 V29	E29	1 CK ENG LIPER TSB (P0316	MISFIRE D 16-Sep-09
2010 V29	E29	1 CHECK EN CHECKED P0301	CYLINDER 23-Feb-10
2010 V29	E29	1 VERIFIER 8389 SOR P0316	MISFIRE D 7-Jul-09
2010 V29	E29	42 CUST STA PERFORM P0303	CYLINDER 6-Oct-09
2010 V29	E29	1 CUSTOME VERFIY EN P0303	CYLINDER 14-Jan-10
2010 V29	E29	42 CUSTOME 12405 42 P0316	MISFIRE D 5-Apr-10
2010 V29	E29	42 CUSTOME 12405 42 P0305	CYLINDER 5-Apr-10
2010 V29	E29	42 CUSTOME 0 TEST EE P0305	CYLINDER 8-Jan-10
2010 V29	E29	42 C S CHEC SPARK PL P0303	CYLINDER 19-Dec-09
2010 V29	E29	1 CUSTOME #2 CYLIND P0302	CYLINDER 23-Dec-09
2010 V29	E29	42 CK ENGIN EEC TEST P0304	CYLINDER 6-Oct-09
2010 V29	E29	1 CHECK EN REPLACEI P0301	CYLINDER 8-Oct-09
2010 V40	D11	42 CUSTOME VERIFY C(P0306	CYLINDER 9-Oct-09
2010 V29	E29	42 CHECK EN 9F593 CC P0306	CYLINDER 31-Aug-09
2010 V29	E29	42 C S ENGIN RUN EEC P0316	MISFIRE D 27-Jul-09
2010 V52	D36	42 CUST STS REMOVED P0316	MISFIRE D 13-Oct-09
2010 V29	E29	42 CUST STA VERIFY C(P0316	MISFIRE D 8-Jul-09
2010 V29	E29	42 SES LIGHT CHECKED P0316	MISFIRE D 10-Dec-09
2010 V52	D03	D1 CUST STA CHECKED P0301	CYLINDER 28-Oct-09
2010 V29	E29	42 CHECK EN CHECK EN P0303	CYLINDER 27-Aug-09
2010 V29	E29	42 AFTER RE HOTLINE (P0316	MISFIRE D 28-Aug-09
2010 V29	E29	42 CHECK EN CHECK EN P0305	CYLINDER 28-Aug-09
2010 V29	E29	42 C S CK EN 7262 9F59: P0300	RANDOM I 11-Nov-09
2010 V29	E29	41 CUSTOME VERIFY EN P0304	CYLINDER 21-Sep-09

2010 V25	E68	42	CUSTOME VERFIY S1P0301	CYLINDER	28-Oct-09
2010 V25	E68	42	CUSTOME VERFIY S1P0300	RANDOM I	28-Oct-09
2010 V40	D13	42	CUST STA 9F593 CC P0304	CYLINDER	21-Jul-09
2010 V29	E29	42	SERVICE I18290 42 P0316	MISFIRE D	28-Aug-09
2010 V29	E29	42	CUSTOMEEC TEST P0305	CYLINDER	21-Sep-09
2010 V29	E29	42	E29 CHEC IDS DIAG P0303	CYLINDER	24-Aug-09
2010 V21	N17	42	CHECK EN VERIFIED P0316	MISFIRE D	17-Sep-09
2010 V29	E29	42	CUSTOME REPLACE P0301	CYLINDER	27-Oct-09
2010 V29	E29	42	CUSTOME CC42 9F59 P0302	CYLINDER	26-Aug-09
2010 V29	E29	42	E29 TO ECC42 CP9 P0302	CYLINDER	16-Oct-09
2010 V29	E29	41	CUSTOME VERIFIED P0316	MISFIRE D	23-Oct-09
2010 V29	E29	42	CUSTOME 8988 9F59 P0305	CYLINDER	2-Sep-09
2010 V52	D42	42	REPAIR FC INSP FOR P0316	MISFIRE D	1-Sep-09
2010 V52	D36	42	THERE IS ROAD TES P0300	RANDOM I	19-Jan-10
2010 V29	E29	42	CHECK EN UPSTREAI P0301	CYLINDER	11-Jan-10
2010 V52	D02	42	CUST STA PERF BCE P0305	CYLINDER	18-Feb-10
2010 V29	E29	42	CUSTOME FLASHED F P0303	CYLINDER	26-Oct-09
2010 V29	E29	42	CUSTOME P0301 P03 P0301	CYLINDER	24-Sep-09
2010 V29	E29	33	CHECK EN TECH10 3 P0300	RANDOM I	30-Nov-09
2010 V29	E29	42	INSTALL SIDS SELF P0302	CYLINDER	25-Mar-10
2010 V29	E29	30	C S CHEC VERIFIED P0316	MISFIRE D	21-Jul-09
2010 V29	E29	1	CHECK EN CODE P03 P0303	CYLINDER	19-Jan-10
2010 V29	E29	42	VEHICLE T VERIFIED P0300	RANDOM I	21-Jul-09
2010 V29	E29	42	CHECK EN EEC TEST P0306	CYLINDER	10-Dec-09
2010 V29	E29	42	CHECK EN EEC TEST P0303	CYLINDER	10-Dec-09
2010 V29	E29	42	CHECK EN EEC TEST P0300	RANDOM I	10-Dec-09
2010 V29	E29	1	CUST STA 12405 CC P0302	CYLINDER	21-Jul-09
2010 V52	D36	42	CUSTOME VERIFIED P0302	CYLINDER	25-Nov-09
2010 V29	E29	42	C/K ENG L #6 CYL CL P0306	CYLINDER	1-Mar-10
2010 V29	E29	46	CUST STA 7062 TEST P0304	CYLINDER	15-Jan-10
2010 V29	E29	42	CUSTOME 10631 EEC P0305	CYLINDER	23-Sep-09
2010 V29	E29	1	CK AND AI01 SPARK P0300	RANDOM I	29-Mar-10
2010 V29	E29	42	E29 VERIF CHECK EN P0303	CYLINDER	24-Nov-09
2010 V29	E29	42	CUST REF 12650D .2 P0316	MISFIRE D	26-Apr-10
2010 V29	E29	42	CHECK EN EEC TEST P0302	CYLINDER	30-Jul-09
2010 V29	E29	1	RUNS RO I VERIFY C P0306	CYLINDER	14-Sep-09
2010 V29	E29	X1	CUSTOME VERIFIED P0305	CYLINDER	28-Aug-09
2010 V29	E29	33	VERIFIER CHECK CC P0300	RANDOM I	3-Nov-09
2010 V52	D36	1	CUST STS #6 SPARK P0316	MISFIRE D	31-Jul-09
2010 V29	E29	42	CHECK EN CHECKED P0305	CYLINDER	13-Jul-09
2010 V29	E29	42	CUSTOME REPLACE P0306	CYLINDER	29-Jul-09
2010 V29	E29	42	CHECK EN DTC P030 P0301	CYLINDER	16-Jun-09
2010 V52	D36	42	C S CAR CHECK FC P0316	MISFIRE D	11-Sep-09
2010 V29	E29	42	E29 C S S I ROAD TES P0303	CYLINDER	13-Oct-09
2010 V29	E29	42	TUNE UP I 444 ROAD P0316	MISFIRE D	15-Jul-09
2010 V29	E29	1	REPLACE P0316	MISFIRE D	15-Sep-09
2010 V29	E29	42	CUSTOME CHECK DT P0306	CYLINDER	27-Jul-09
2010 V29	E29	1	TODAY TH REPLACE P0305	CYLINDER	27-Jan-10
2010 V29	E29	1	CHECK EN VERIFIED P0300	RANDOM I	3-Feb-10
2010 V52	D36	1	CUST STA VERIFIED P0305	CYLINDER	14-Oct-09
2010 V29	E29	1	PINPOINT P0305	CYLINDER	2-Mar-10



2010 V29	E29	1	CUSTOMEEC TEST P0304	CYLINDER	3-Dec-09
2010 V29	E29	42	RUNS ROI PERFORM P0300	RANDOM I	3-Dec-09
2010 V52	D36	42	CUSTOME VERIFIED P0303	CYLINDER	7-Dec-09
2010 V29	E29	1	CHECK EN7831 KOE(P0305	CYLINDER	29-Sep-09
2010 V29	E29	17	CUSTOMEEC TEST P0304	CYLINDER	17-Sep-09
2010 V29	E29	1	CHECK ENEEC TEST P0300	RANDOM I	10-Sep-09
2010 V29	E29	82	CHECK EN9248 NPF P0302	CYLINDER	28-Aug-09
2010 V29	E29	42	CHECK ANDIAGNOSI P0316	MISFIRE D	13-Apr-10
2010 V29	E29	42	E29 ENGIN TEST EEC P0304	CYLINDER	11-Jan-10
2010 V29	E29	42	SES LIGHTIDS EEC P0305	CYLINDER	28-Aug-09
2010 V29	E29	42	C S ENGIN 10668 CHE P0300	RANDOM I	23-Sep-09
2010 V29	E29	42	CHECK ENMT TIME F P0316	MISFIRE D	13-Oct-09
2010 V29	E29	1	CUSTOMETSB 10 17 P0303	CYLINDER	26-Jan-10
2010 V52	D36	1	VERIFIER DIAG IDS (P0303	CYLINDER	2-Nov-09
2010 V29	E29	1	CUSTOMEDIAGNOSE P0303	CYLINDER	25-Aug-09
2010 V29	E29	1	CUST. STA/VERIFIED P0301	CYLINDER	10-Feb-10
2010 V29	E29	1	O NER S'EEC DIAG P0306	CYLINDER	14-Jan-10
2010 V52	D36	1	CUST STA PLUG BRC P0302	CYLINDER	14-Jan-10
2010 V29	E29	42	CUST STA VERIFIED P0303	CYLINDER	23-Sep-09
2010 V40	D13	1	VEHICLE F TEST DRC P0301	CYLINDER	26-Aug-09
2010 V29	E29	1	CUSTOMEEC TEST P0301	CYLINDER	2-Jul-09
2010 V29	E29	1	ENGINE R INSTALLEI P0304	CYLINDER	8-Sep-09
2010 V29	E29	1	CUSTOME P0316.. CF P0316	MISFIRE D	17-Feb-10
2010 V29	E29	1	CUSTOME P0316.. CF P0303	CYLINDER	17-Feb-10
2010 V52	D42	1	CUSTOME VERFIY MIP0304	CYLINDER	25-Nov-09
2010 V44	D50	1	D50 CUST CK OUT F(P0316	MISFIRE D	2-Sep-09
2010 V44	D50	1	CUSTOME VERIFIED (P0305	CYLINDER	3-Nov-09
2010 V44	D50	1	CUSTOME VERIFIED (P0300	RANDOM I	3-Nov-09
2010 V29	E29	1	VEHICLE S VERIFIED P0306	CYLINDER	2-Oct-09
2010 V52	D42	1	C.S. ENGIN VERIFY EN P0303	CYLINDER	5-Jan-10
2010 V29	E29	1	CHECK EN31643 101 P0316	MISFIRE D	9-Jul-09
2010 V29	E29	1	CHECK E I VERIFIED P0316	MISFIRE D	29-Jul-09
2010 V29	E29	1	CUSTOME VERIFIED P0302	CYLINDER	1-Dec-09
2010 V29	E29	42	CK ADV M PERFORM P0316	MISFIRE D	8-Oct-09
2010 V29	E29	1	ENGING R CHK ENG P0304	CYLINDER	7-Aug-09
2010 V29	E29	42	CUSTOME IDS TEST P0304	CYLINDER	19-Oct-09
2010 V29	E29	1	3 36 REPA IDS HOOK P0304	CYLINDER	20-Jul-09
2010 V29	E29	42	CK ENGIN 12405 42 P0305	CYLINDER	16-Oct-09
2010 V29	E29	42	ENGINE C VERIFY C P0316	MISFIRE D	18-Jan-10
2010 V29	E29	1	CUSTOME VERIFY C P0304	CYLINDER	25-Jan-10
2010 V29	E29	42	INSPECT FREPLACE P0306	CYLINDER	20-Oct-09
2010 V29	E29	42	DIAG MIL I CONNECT P0306	CYLINDER	3-Dec-09
2010 V29	E29	1	CUSSTOMENG CON P0316	MISFIRE D	21-Oct-09
2010 V29	E29	1	CUSSTOMENG CON P0306	CYLINDER	21-Oct-09
2010 V29	E29	42	CHK ENGI SCAN TES P0301	CYLINDER	9-Oct-09
2010 V52	D21	42	CUSTOMEEC TST F P0305	CYLINDER	14-Jan-10
2010 V52	D41	42	ENGINE FITEST EEC P0301	CYLINDER	7-Jan-10
2010 V29	E29	42	CUSTOME 4592 CC 4 P0304	CYLINDER	26-Nov-09
2010 V29	E29	34	CUST STA VERIFIED (P0306	CYLINDER	14-Sep-09
2010 V29	E29	42	C S ENGIN RUN EEC P0302	CYLINDER	27-Jul-09
2010 V29	E29	42	CUSTOME DOES NOT P0305	CYLINDER	11-Nov-09

2010 V29	E29	42 CHECK FC FUEL INJE P0303	CYLINDER 28-Aug-09
2010 V44	D50	42 CHECK EN TEST DRC P0316	MISFIRE D 6-Oct-09
2010 V44	D50	42 CHECK EN TEST DRC P0303	CYLINDER 6-Oct-09
2010 V29	E29	42 CUST STA SELF TES P0301	CYLINDER 7-Aug-09
2010 V29	E29	42 AFTER RE HOTLINE ( P0306	CYLINDER 28-Aug-09
2010 V44	D50	42 CUSTOME IDS SELF P0306	CYLINDER 28-Jan-10
2010 V52	D42	42 VEHICLE E VERIFY C( P0304	CYLINDER 27-Aug-09
2010 V29	E29	42 CUST STA PERFORM P0304	CYLINDER 29-Oct-09
2010 V29	E29	42 PERFORM IDS TESTE P0305	CYLINDER 15-Oct-09
2010 V29	E29	42 ENGINE C CHECK EI P0302	CYLINDER 21-Oct-09
2010 V40	D13	42 CUST STA EEC TEST P0303	CYLINDER 25-Aug-09
2010 V29	E29	42 SERVICE I 12731 42 P0316	MISFIRE D 28-Aug-09
2010 V29	E29	42 CUSTOME 8988 9F59: P0316	MISFIRE D 2-Sep-09
2010 V44	D50	42 CUSTOME 9G444 42 I P0304	CYLINDER 13-Oct-09
2010 V52	D21	42 CHECK EN PERFORM P0316	MISFIRE D 2-Dec-09
2010 V29	E29	28 CHECK EN 195 MIL OI P0305	CYLINDER 20-Jan-10
2010 V29	E29	1 THE CHEC REPLACEI P0300	RANDOM I 25-Jun-09
2010 V29	E29	42 YELLO (RAN SELF P0305	CYLINDER 1-Sep-09
2010 V29	E29	42 YELLO (RAN SELF P0316	MISFIRE D 1-Sep-09
2010 V40	D13	42 CUSTOME EEC TEST P0303	CYLINDER 15-Sep-09
2010 V29	E29	4 CHECK EN 320 DIAGN P0305	CYLINDER 14-Jul-09
2010 V29	E29	42 INSTALL SIDS SELF P0303	CYLINDER 25-Mar-10
2010 V29	E29	42 INSTALL SIDS SELF P0300	RANDOM I 25-Mar-10
2010 V52	D36	42 CUSTOME ROAD TES P0305	CYLINDER 9-Feb-10
2010 V29	E29	42 CHECK EN EEC TEST P0316	MISFIRE D 10-Dec-09
2010 V29	E29	1 CUST STA 12405 CC I P0316	MISFIRE D 21-Jul-09
2010 V29	E29	1 C S CHEC 3290 ECC P0305	CYLINDER 8-Mar-10
2010 V29	E29	1 CHECK EN INSPECTE P0305	CYLINDER 8-Sep-09
2010 V29	E29	42 CUSTOME VERIFY CI P0304	CYLINDER 15-Sep-09
2010 V29	E29	42 CUST STA TECH 297 P0301	CYLINDER 25-Aug-09
2010 V29	E29	42 LA LUMIEF CONTROL P0316	MISFIRE D 13-Jan-10
2010 V29	E29	42 CK ENGIN 3989 SHO I P0302	CYLINDER 6-Nov-09
2010 V29	E29	42 CUSTOME SPARK PL P0301	CYLINDER 14-Oct-09
2010 V29	E29	42 CHECK EN TEST FOU P0316	MISFIRE D 2-Nov-09
2010 V29	E29	1 CHECK EN VERIFIED P0316	MISFIRE D 3-Feb-10
2010 V40	D13	7 CUSTOME VERIFIED P0304	CYLINDER 14-Jan-10
2011 V29	E29	42 CUSTOME VERIFY EN P0305	CYLINDER 23-Sep-10
2011 V29	E29	42 CHECK EN DIAGNOSI P0305	CYLINDER 21-Jul-10
2011 V29	E29	42 CUSTOME TEST P02( P0305	CYLINDER 22-Jun-10
2011 V52	D36	1 UPON RE I INSPECTE P0316	MISFIRE D 20-Jul-10
2011 V29	E29	42 CUST STA LOCATE A P0301	CYLINDER #####
2011 V29	E29	42 CHECK EN DIAGNOSI P0316	MISFIRE D 21-Jul-10
2011 V52	D42	1 CUSTOME VERIFIED P0306	CYLINDER 8-Jun-10
2011 V29	E29	42 ENGINE LI REPLACEI P0301	CYLINDER 1-Jul-10
2011 V29	E29	42 CUSTOME TEST P02( P0316	MISFIRE D 22-Jun-10
2011 V29	E29	42 ENGINE LI REPLACEI P0306	CYLINDER 1-Jul-10
2011 V29	E29	1 C S CHEC VERIFY.RI P0303	CYLINDER 26-Jul-10

Cut O Da Load Date- Currency E Generated By=TCO HER

P0300 2 NA] CYLINDER 1 MISFIRE DETECTED[P0301 2 NA] CYLINDER 2 MISFIRE DETECTED[PO

Tis Claims- Claims Ret Re uested Reported C Re uested Reported C Description De ault Claims no Dat

Production Repair Mor Sell Dealer TIS Engine [EN Repair Dat Part Num E Part Num E Body/Cab

Production	Repair	Mor	Sell	Dealer	TIS	Engine [EN	Repair Dat	Part Num E	Part Num E	Body/Cab
2009-09	2010-08	CA				8 T/TA	5-Aug-10	ENGINE A:	6006 T/	E
2009-10	2010-08	A				9 T/TA	16-Aug-10	ENGINE A:	6006 T/	E
2009-10	2010-05	NY				7 T/TA	#####	ENGINE A:	6006 T/	E
2009-10	2010-06	A				-1 T/TA	26-Jun-10	ENGINE A:	6006 T/	E
2009-12	2010-06	MI				7 T/TA	28-Jun-10	ENGINE A:	6006 T/	E
2010-03	2010-08	MA				3 C/TA	9-Aug-10	ENGINE A:	6007 C/FC	
2010-03	2010-08	MA				3 C/TA	9-Aug-10	ENGINE A:	6007 C/FC	
2009-07	2010-04	NJ				6 T/TA	8-Apr-10	ENGINE A:	6007 T/	E
2009-10	2010-08	LA				6 C/TA	26-Aug-10	RING SET	6149 C/FC	
2009-07	2010-12	BC				5 C/TA	17-Dec-10	RELAY AS	9345 C/FC	
2009-07	2010-12	BC				5 C/TA	17-Dec-10	RELAY AS	9345 C/FC	
2010-01	2010-10	KS				5 T/TA	19-Oct-10	COIL ASY-	12029 T/	E
2010-01	2010-10	KS				5 T/TA	19-Oct-10	COIL ASY-	12029 T/	E
2009-10	2010-06	TX				4 T/TA	2-Jun-10	COIL ASY-	12029 T/	E
2010-04	2010-11	C				-1 C/TA	24-Nov-10	SPARK PL	12405 C/FC	
2010-02	2010-11	FL				6 T/TA	22-Nov-10	SPARK PL	12405 T/	E
2010-01	2010-12	OH				7 T/TA	6-Dec-10	SPARK PL	12405 T/	E
2010-01	2010-11	TN				9 T/TA	29-Nov-10	SPARK PL	12405 T/	E
2009-09	2010-11	GA				9 C/TA	3-Nov-10	SPARK PL	12405 C/FC	
2009-12	2010-10	TX				8 C/TA	25-Oct-10	SPARK PL	12405 C/FC	
2009-07	2010-10	PA				3 T/TA	22-Oct-10	SPARK PL	12405 T/	E
2009-07	2010-11	ON				15 C/TA	4-Nov-10	SPARK PL	12405 C/FC	
2009-10	2010-09	MN				11 C/TA	13-Sep-10	SPARK PL	12405 C/FC	
2009-12	2010-09	IL				10 C/TA	29-Sep-10	SPARK PL	12405 C/FC	
2009-10	2010-10	NC				8 C/TA	25-Oct-10	SPARK PL	12405 C/FC	
2010-02	2010-10	FL				8 C/TA	22-Oct-10	SPARK PL	12405 C/FC	
2010-02	2010-10	AL				8 C/TA	22-Oct-10	SPARK PL	12405 C/FC	
2009-10	2010-10	TN				11 T/TA	12-Oct-10	SPARK PL	12405 T/	E
2010-04	2010-10	MI				5 C/TA	6-Oct-10	SPARK PL	12405 C/FC	
2009-10	2010-10	ON				12 C/TA	13-Oct-10	SPARK PL	12405 C/FC	
2009-07	2010-09	ON				11 T/TA	28-Sep-10	SPARK PL	12405 T/	E
2009-11	2010-09	MI				6 T/TA	22-Sep-10	SPARK PL	12405 T/	E
2009-11	2010-09	IL				9 T/TA	10-Sep-10	SPARK PL	12405 T/	E
2009-12	2010-09	TX				8 C/TA	2-Sep-10	SPARK PL	12405 C/FC	
2009-10	2010-07	NV				5 C/TA	9-Jul-10	SPARK PL	12405 C/FC	
2009-10	2010-07	NV				5 C/TA	9-Jul-10	SPARK PL	12405 C/FC	
2009-12	2010-07	MI				7 T/TA	8-Jul-10	SPARK PL	12405 T/	E
2010-03	2010-07	MI				3 C/TA	6-Jul-10	SPARK PL	12405 C/FC	
2009-10	2010-06	I				6 C/TA	10-Jun-10	SPARK PL	12405 C/FC	
2009-12	2010-06	GA				6 C/TA	7-Jun-10	SPARK PL	12405 C/FC	
2009-09	2010-05	IL				8 C/TA	#####	SPARK PL	12405 C/FC	
2009-09	2010-11	IN				14 C/TA	23-Nov-10	INJECTOR 9F593	C/FC	
2009-09	2010-11	IN				14 C/TA	23-Nov-10	INJECTOR 9F593	C/FC	
2009-09	2010-10	MI				13 T/TA	25-Oct-10	INJECTOR 9F593	T/	E
2009-07	2010-11	SC				9 C/TA	8-Nov-10	INJECTOR 9F593	C/FC	
2009-12	2010-10	KS				9 C/TA	7-Oct-10	INJECTOR 9F593	C/FC	
2009-10	2010-10	NH				9 C/TA	2-Oct-10	INJECTOR 9F593	C/FC	

2009-10	2010-10	NJ	11	C/TA	11-Oct-10	INJECTOR 9F593	C/FC
2009-09	2010-09	MI	7	C/TA	22-Sep-10	INJECTOR 9F593	C/FC
2009-09	2010-09	MI	11	C/TA	27-Sep-10	INJECTOR 9F593	C/FC
2009-10	2010-08	MA	10	C/TA	17-Aug-10	INJECTOR 9F593	C/FC
2009-10	2010-08	MI	5	T/TA	19-Aug-10	INJECTOR 9F593	T/ E
2009-10	2010-07	NJ	6	C/TA	26-Jul-10	INJECTOR 9F593	C/FC
2009-08	2010-08	MI	9	C/TA	9-Aug-10	INJECTOR 9F593	C/FC
2009-08	2010-08	MI	9	C/TA	9-Aug-10	INJECTOR 9F593	C/FC
2009-09	2010-07	MI	10	C/TA	27-Jul-10	INJECTOR 9F593	C/FC
2009-09	2010-07	MI	11	C/TA	29-Jul-10	INJECTOR 9F593	C/FC
2009-08	2010-07	MI	11	C/TA	26-Jul-10	INJECTOR 9F593	C/FC
2009-10	2010-07	CA	6	T/TA	16-Jul-10	INJECTOR 9F593	T/ E
2009-09	2010-06	MO	9	C/TA	22-Jun-10	INJECTOR 9F593	C/FC
2009-07	2010-06	TX	11	C/TA	28-Jun-10	INJECTOR 9F593	C/FC
2009-08	2010-05	KS	9	C/TA	#####	INJECTOR 9F593	C/FC
2009-10	2010-05	A	1	T/TA	#####	INJECTOR 9F593	T/ E
2010-01	2010-12	OH	7	T/TA	6-Dec-10	SENSOR E9F472	T/ E
2009-08	2010-01	ON	5	T/TA	13-Jan-10	SENSOR E9F472	T/ E
2009-09	2009-12	MI	2	T/TA	17-Dec-09	SENSOR E9F472	T/ E
2009-09	2010-06	OH	9	C/TA	3-Jun-10	ECC PROC(RECAL	C/FC
2009-07	2010-10	NY	9	T/TA	21-Oct-10	KIT-C/SHT 6A257	T/ E
2010-04	2010-09	ON	5	C/TA	7-Sep-10	SPARK PL 12F	C/FC
2009-07	2010-09	MI	13	C/TA	7-Sep-10	SPARK PL 12F	C/FC
2009-09	2010-07	NY	4	T/TA	8-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-08	OK	10	T/TA	12-Aug-10	SPARK PL 12F	T/ E
2009-10	2010-08	NY	6	T/TA	13-Aug-10	SPARK PL 12F	T/ E
2010-03	2010-08	MI	3	C/TA	3-Aug-10	SPARK PL 12F	C/FC
2010-04	2010-07	ON	3	C/TA	22-Jul-10	SPARK PL 12F	C/FC
2009-10	2010-06	MI	9	C/TA	30-Jun-10	SPARK PL 12F	C/FC
2009-11	2010-06	MI	7	C/TA	30-Jun-10	SPARK PL 12F	C/FC
2009-11	2010-06	LA	5	T/TA	21-Jun-10	SPARK PL 12F	T/ E
2009-08	2010-06	MI	5	T/TA	1-Jun-10	SPARK PL 12F	T/ E
2009-10	2010-05	NY	6	C/TA	#####	SPARK PL 12F	C/FC
2009-10	2010-05	NY	6	C/TA	#####	SPARK PL 12F	C/FC
2009-11	2010-05	C	3	T/TA	#####	SPARK PL 12F	T/ E
2009-08	2010-04	FL	6	C/TA	6-Apr-10	SPARK PL 12F	C/FC
2009-07	2010-01	PA	0	T/TA	6-Jan-10	SPARK PL 12F	T/ E
2009-12	2010-05	GA	3	C/TA	#####	SPARK PL 22F	C/FC
2009-09	2010-11	MI	14	C/TA	17-Nov-10		12 C/FC
2009-07	2010-09	MI	13	C/TA	20-Sep-10		12 C/FC
2009-08	2010-08	ON	6	T/TA	30-Aug-10	ENGINE A:	6006 T/ E
2009-07	2010-09	CO	10	T/TA	27-Sep-10	ENGINE A:	6006 T/ E
2009-09	2010-07	NJ	2	T/TA	21-Jul-10	ENGINE A:	6006 T/ E
2010-04	2010-08	NY	5	T/TA	31-Aug-10	ENGINE A:	6006 T/ E
2009-10	2010-08	A	9	T/TA	16-Aug-10	ENGINE A:	6006 T/ E
2009-09	2010-07	NY	10	T/TA	26-Jul-10	ENGINE A:	6006 T/ E
2009-10	2010-05	NY	7	T/TA	#####	ENGINE A:	6006 T/ E
2010-02	2010-07	MO	5	T/TA	12-Jul-10	ENGINE A:	6006 T/ E
2010-03	2010-08	NY	5	C/TA	19-Aug-10	ENGINE A:	6006 C/FC
2009-10	2010-07	OH	8	T/TA	9-Jul-10	ENGINE A:	6006 T/ E
2009-10	2010-07	OH	8	T/TA	9-Jul-10	ENGINE A:	6006 T/ E

2010-01	2010-07	ME	7	T/TA	27-Jul-10	ENGINE A:	6006	T/	E
2009-10	2010-08	PA	9	T/TA	12-Aug-10	ENGINE A:	6006	T/	E
2009-10	2010-08	PA	9	T/TA	12-Aug-10	ENGINE A:	6006	T/	E
2009-10	2010-08	PA	9	T/TA	12-Aug-10	ENGINE A:	6006	T/	E
2009-10	2010-09	A	0	C/TA	22-Sep-10	DIAGNOSI DIAG		C/FC	
2009-09	2010-09	I	11	C/TA	16-Sep-10	GASKET-II	9439	C/FC	
2009-09	2010-10	NJ	10	T/TA	21-Oct-10	COIL ASY-	12029	T/	E
2009-10	2010-08	MI	11	C/TA	30-Aug-10	COIL ASY-	12029	C/FC	
2009-08	2010-07	NY	6	C/TA	6-Jul-10	COIL ASY-	12029	C/FC	
2009-09	2010-07	MI	9	T/TA	12-Jul-10	COIL ASY-	12029	T/	E
2009-07	2010-07	TX	7	C/TA	12-Jul-10	COIL ASY-	12029	C/FC	
2009-11	2010-06	ON	7	T/TA	30-Jun-10	COIL ASY-	12029	T/	E
2009-07	2010-05	MO	9	C/TA	#####	COIL ASY-	12029	C/FC	
2009-12	2010-03	IL	3	C/TA	26-Mar-10	COIL ASY-	12029	C/FC	
2010-02	2010-02	IN	0	C/TA	23-Feb-10	COIL ASY-	12029	C/FC	
2010-04	2010-12	IL	7	T/TA	27-Dec-10	SPARK PL	12405	T/	E
2009-10	2010-12	KY	12	C/TA	22-Dec-10	SPARK PL	12405	C/FC	
2009-07	2010-11	BC	14	T/TA	4-Nov-10	SPARK PL	12405	T/	E
2009-09	2010-11	CA	13	T/TA	4-Nov-10	SPARK PL	12405	T/	E
2009-12	2010-11	NY	10	C/TA	10-Nov-10	SPARK PL	12405	C/FC	
2009-07	2010-10	MI	14	C/TA	28-Oct-10	SPARK PL	12405	C/FC	
2009-12	2010-11	NC	2	T/TA	1-Nov-10	SPARK PL	12405	T/	E
2009-12	2010-11	NC	2	T/TA	1-Nov-10	SPARK PL	12405	T/	E
2009-09	2010-10	MA	12	C/TA	5-Oct-10	SPARK PL	12405	C/FC	
2009-09	2010-09	PA	9	T/TA	10-Sep-10	SPARK PL	12405	T/	E
2009-10	2010-10	MD	10	C/TA	12-Oct-10	SPARK PL	12405	C/FC	
2009-09	2010-10	IA	7	C/TA	8-Oct-10	SPARK PL	12405	C/FC	
2009-09	2010-10	IL	13	C/TA	16-Oct-10	SPARK PL	12405	C/FC	
2010-01	2010-09	AL	6	T/TA	15-Sep-10	SPARK PL	12405	T/	E
2009-09	2010-09	MI	12	T/TA	24-Sep-10	SPARK PL	12405	T/	E
2009-11	2010-09	ND	9	T/TA	16-Sep-10	SPARK PL	12405	T/	E
2009-11	2010-09	IL	9	T/TA	10-Sep-10	SPARK PL	12405	T/	E
2009-11	2010-09	IL	9	T/TA	10-Sep-10	SPARK PL	12405	T/	E
2009-10	2010-09	NY	9	T/TA	2-Sep-10	SPARK PL	12405	T/	E
2009-09	2010-08	MI	11	T/TA	31-Aug-10	SPARK PL	12405	T/	E
2009-09	2010-08	TX	12	C/TA	24-Aug-10	SPARK PL	12405	C/FC	
2009-10	2010-08	MI	10	C/TA	24-Aug-10	SPARK PL	12405	C/FC	
2009-10	2010-08	PA	10	T/TA	16-Aug-10	SPARK PL	12405	T/	E
2009-08	2010-08	OK	11	C/TA	18-Aug-10	SPARK PL	12405	C/FC	
2010-01	2010-07	MN	5	T/TA	12-Jul-10	SPARK PL	12405	T/	E
2009-12	2010-07	MI	6	T/TA	8-Jul-10	SPARK PL	12405	T/	E
2009-10	2010-07	NV	5	C/TA	9-Jul-10	SPARK PL	12405	C/FC	
2009-12	2010-07	MI	7	T/TA	8-Jul-10	SPARK PL	12405	T/	E
2009-10	2010-06	I	6	C/TA	10-Jun-10	SPARK PL	12405	C/FC	
2009-09	2010-05	IL	8	C/TA	#####	SPARK PL	12405	C/FC	
2009-10	2010-05	MI	5	C/TA	3-May-10	SPARK PL	12405	C/FC	
2009-07	2010-02	MB	5	C/TA	27-Feb-10	SPARK PL	12405	C/FC	
2009-07	2010-11	SC	9	C/TA	8-Nov-10	INJECTOR 9F593		C/FC	
2009-10	2010-10	UT	12	C/TA	12-Oct-10	INJECTOR 9F593		C/FC	
2009-09	2010-09	AK	10	C/TA	21-Sep-10	INJECTOR 9F593		C/FC	
2010-02	2010-09	AK	6	C/TA	9-Sep-10	INJECTOR 9F593		C/FC	

2009-10	2010-09	NY	7	C/TA	23-Sep-10	INJECTOR9F593	C/FC
2009-08	2010-08	KS	12	C/TA	17-Aug-10	INJECTOR9F593	C/FC
2009-10	2010-07	MN	9	T/TA	28-Jul-10	INJECTOR9F593	T/ E
2009-10	2010-07	IN	5	T/TA	13-Jul-10	INJECTOR9F593	T/ E
2010-02	2010-06	AK	4	C/TA	22-Jun-10	INJECTOR9F593	C/FC
2009-07	2010-06	TX	11	C/TA	28-Jun-10	INJECTOR9F593	C/FC
2009-08	2010-05	KS	9	C/TA	#####	INJECTOR9F593	C/FC
2009-09	2010-05	NY	7	T/TA	5-May-10	INJECTOR9F593	T/ E
2009-09	2010-11	AB	13	C/TA	23-Nov-10	NO LE A 9E527	C/FC
2009-07	2010-11	MI	11	T/TA	1-Nov-10	SENSOR E9F472	T/ E
2009-10	2009-12	NS	0	C/TA	28-Dec-09	TUBE ASY 9D280	C/FC
2009-11	2010-03	IL	4	C/TA	12-Mar-10	S ITCH-A 19D594	C/FC
2009-07	2010-08	MI	11	C/TA	20-Aug-10	IRE ASY 14401	C/FC
2009-09	2010-05	VA	5	T/TA	3-May-10	CYLINDER 6009	T/ E
2009-10	2010-08	PA	5	C/TA	25-Aug-10	SPARK PL 12F	C/FC
2009-11	2010-07	PA	6	T/TA	20-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-08	IL	10	C/TA	18-Aug-10	SPARK PL 12F	C/FC
2010-01	2010-07	MI	6	T/TA	27-Jul-10	SPARK PL 12F	T/ E
2009-07	2010-07	IL	2	T/TA	1-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-06	MI	10	C/TA	29-Jun-10	SPARK PL 12F	C/FC
2009-11	2010-07	PA	8	T/TA	2-Jul-10	SPARK PL 12F	T/ E
2009-08	2010-05	MA	7	C/TA	#####	SPARK PL 12F	C/FC
2009-08	2010-05	NJ	2	T/TA	7-May-10	SPARK PL 12F	T/ E
2009-07	2010-01	PA	0	T/TA	6-Jan-10	SPARK PL 12F	T/ E
2010-01	2010-09	MI	8	T/TA	13-Sep-10		12 T/ E
2009-08	2010-09	NY	4	T/TA	14-Sep-10		12 T/ E
2010-01	2010-09	OH	7	T/TA	16-Sep-10		12 T/ E
2010-02	2010-09	A	7	C/TA	16-Sep-10		12 C/FC
2009-10	2010-09	DE	11	C/TA	16-Sep-10		12 C/FC
2009-10	2010-08	A	9	T/TA	16-Aug-10	ENGINE A:	6006 T/ E
2010-02	2010-07	MO	5	T/TA	12-Jul-10	ENGINE A:	6006 T/ E
2010-03	2010-08	NY	5	C/TA	19-Aug-10	ENGINE A:	6006 C/FC
2009-12	2010-06	MI	7	T/TA	28-Jun-10	ENGINE A:	6006 T/ E
2009-12	2010-06	CA	4	T/TA	12-Jun-10	ENGINE A:	6006 T/ E
2009-12	2010-06	NY	4	T/TA	18-Jun-10	ENGINE A:	6006 T/ E
2009-09	2010-09	PA	9	T/TA	9-Sep-10	ENGINE A:	6007 T/ E
2009-08	2010-08	PE	4	C/TA	16-Aug-10	PISTON	6108 C/FC
2009-10	2010-09	A	0	C/TA	22-Sep-10	DIAGNOSI DIAG	C/FC
2009-11	2010-08	I	9	T/TA	24-Aug-10	DIAGNOSI DIAG	T/ E
2009-09	2010-10	NJ	10	T/TA	21-Oct-10	COIL ASY-	12029 T/ E
2009-08	2010-10	NJ	12	C/TA	5-Oct-10	COIL ASY-	12029 C/FC
2009-10	2010-08	MT	10	C/TA	23-Aug-10	COIL ASY-	12029 C/FC
2010-02	2010-07	MI	5	C/TA	26-Jul-10	COIL ASY-	12029 C/FC
2009-09	2010-07	OR	10	C/TA	16-Jul-10	COIL ASY-	12029 C/FC
2009-12	2010-05	MD	4	T/TA	#####	COIL ASY-	12029 T/ E
2009-10	2010-01	VA	0	C/TA	29-Jan-10	COIL ASY-	12029 C/FC
2010-01	2010-12	NY	10	C/TA	22-Dec-10	SPARK PL	12405 C/FC
2009-07	2010-12	MI	13	C/TA	7-Dec-10	SPARK PL	12405 C/FC
2009-08	2010-10	AK	11	T/TA	25-Oct-10	SPARK PL	12405 T/ E
2009-09	2010-11	CA	13	T/TA	17-Nov-10	SPARK PL	12405 T/ E
2009-09	2010-10	NE	2	C/TA	21-Oct-10	SPARK PL	12405 C/FC

2009-09	2010-10	CA	12	T/TA	14-Oct-10	SPARK PL	12405	T/ E
2010-03	2010-09	C	4	C/TA	7-Sep-10	SPARK PL	12405	C/FC
2009-07	2010-09	CO	10	T/TA	27-Sep-10	SPARK PL	12405	T/ E
2009-11	2010-10	IL	8	C/TA	25-Oct-10	SPARK PL	12405	C/FC
2009-11	2010-10	IL	8	C/TA	25-Oct-10	SPARK PL	12405	C/FC
2009-10	2010-08	MI	11	C/TA	24-Aug-10	SPARK PL	12405	C/FC
2010-02	2010-10	AL	8	C/TA	22-Oct-10	SPARK PL	12405	C/FC
2010-04	2010-10	IL	6	T/TA	8-Oct-10	SPARK PL	12405	T/ E
2009-11	2010-09	PA	7	C/TA	20-Sep-10	SPARK PL	12405	C/FC
2010-02	2010-10	I	8	C/TA	13-Oct-10	SPARK PL	12405	C/FC
2010-02	2010-10	NJ	7	T/TA	5-Oct-10	SPARK PL	12405	T/ E
2009-10	2010-09	SD	10	T/TA	7-Sep-10	SPARK PL	12405	T/ E
2009-09	2010-09	MI	12	T/TA	24-Sep-10	SPARK PL	12405	T/ E
2009-11	2010-09	MA	5	C/TA	24-Sep-10	SPARK PL	12405	C/FC
2010-02	2010-09	PA	7	T/TA	10-Sep-10	SPARK PL	12405	T/ E
2009-10	2010-09	ON	11	C/TA	7-Sep-10	SPARK PL	12405	C/FC
2009-10	2010-09	ON	11	C/TA	7-Sep-10	SPARK PL	12405	C/FC
2009-09	2010-08	MI	11	T/TA	31-Aug-10	SPARK PL	12405	T/ E
2009-11	2010-08	MA	4	C/TA	23-Aug-10	SPARK PL	12405	C/FC
2009-07	2010-08	MI	9	T/TA	6-Aug-10	SPARK PL	12405	T/ E
2009-11	2010-08	MI	7	C/TA	2-Aug-10	SPARK PL	12405	C/FC
2009-11	2010-07	NV	8	C/TA	20-Jul-10	SPARK PL	12405	C/FC
2009-09	2010-07	FL	7	C/TA	29-Jul-10	SPARK PL	12405	C/FC
2010-01	2010-07	TX	6	C/TA	15-Jul-10	SPARK PL	12405	C/FC
2009-10	2010-06	MI	7	T/TA	7-Jun-10	SPARK PL	12405	T/ E
2010-03	2010-05	ON	3	C/TA	#####	SPARK PL	12405	C/FC
2009-07	2010-03	NC	7	C/TA	1-Mar-10	SPARK PL	12405	C/FC
2009-09	2010-01	PA	3	T/TA	18-Jan-10	SPARK PL	12405	T/ E
2009-08	2010-12	CA	15	T/TA	16-Dec-10	INJECTOR9F593		T/ E
2009-09	2010-11	IN	14	C/TA	23-Nov-10	INJECTOR9F593		C/FC
2009-12	2010-11	MI	12	T/TA	24-Nov-10	INJECTOR9F593		T/ E
2009-08	2010-11	MI	14	C/TA	23-Nov-10	INJECTOR9F593		C/FC
2009-07	2010-11	FL	14	C/TA	15-Nov-10	INJECTOR9F593		C/FC
2009-08	2010-11	NJ	14	T/TA	13-Nov-10	INJECTOR9F593		T/ E
2009-11	2010-10	VA	8	T/TA	4-Oct-10	INJECTOR9F593		T/ E
2009-10	2010-09	IL	10	C/TA	13-Sep-10	INJECTOR9F593		C/FC
2009-09	2010-07	OR	11	C/TA	29-Jul-10	INJECTOR9F593		C/FC
2009-08	2010-08	MI	9	C/TA	9-Aug-10	INJECTOR9F593		C/FC
2009-11	2010-08	VA	8	C/TA	9-Aug-10	INJECTOR9F593		C/FC
2009-09	2010-08	OH	11	T/TA	9-Aug-10	INJECTOR9F593		T/ E
2009-10	2010-07	IN	5	T/TA	13-Jul-10	INJECTOR9F593		T/ E
2009-09	2010-07	OH	10	C/TA	12-Jul-10	INJECTOR9F593		C/FC
2009-07	2010-06	TX	11	C/TA	28-Jun-10	INJECTOR9F593		C/FC
2009-10	2010-05	NH	5	T/TA	#####	INJECTOR9F593		T/ E
2009-11	2010-05	MI	7	T/TA	#####	INJECTOR9F593		T/ E
2009-12	2010-04	OH	1	C/TA	8-Apr-10	SENSOR E9F472		C/FC
2010-01	2010-10	MI	8	T/TA	13-Oct-10	THROTTLE9B989		T/ E
2009-10	2009-12	NS	0	C/TA	28-Dec-09	TUBE ASY9D280		C/FC
2009-11	2010-03	IL	4	C/TA	12-Mar-10	S ITCH-A 19D594		C/FC
2009-07	2010-08	NJ	10	T/TA	4-Aug-10	CYLINDER 6009		T/ E
2009-07	2010-05	MI	8	T/TA	#####	COMPANY LONLY		T/ E

2009-12	2010-08	RI	6	C/TA	12-Aug-10	SPARK PL 12F	C/FC
2009-09	2010-08	MA	10	T/TA	7-Aug-10	SPARK PL 12F	T/ E
2009-11	2010-08	TX	9	C/TA	5-Aug-10	SPARK PL 12F	C/FC
2010-03	2010-08	MI	3	C/TA	3-Aug-10	SPARK PL 12F	C/FC
2009-08	2010-06	PA	9	T/TA	29-Jun-10	SPARK PL 12F	T/ E
2009-11	2010-07	C	8	T/TA	22-Jul-10	SPARK PL 12F	T/ E
2010-02	2010-07	MI	4	C/TA	21-Jul-10	SPARK PL 12F	C/FC
2009-08	2010-06	MI	5	T/TA	1-Jun-10	SPARK PL 12F	T/ E
2009-09	2010-04	MD	7	C/TA	30-Apr-10	SPARK PL 12F	C/FC
2009-08	2010-03	LA	5	C/TA	15-Mar-10	SPARK PL 12F	C/FC
2009-07	2010-03	AB	0	C/TA	2-Mar-10	SPARK PL 12F	C/FC
2009-12	2010-05	GA	3	C/TA	#####	SPARK PL 22F	C/FC
2009-07	2010-12	NY	13	T/TA	6-Dec-10		12 T/ E
2009-11	2010-11	NV	5	T/TA	8-Nov-10		12 T/ E
2009-11	2010-11	I	10	T/TA	1-Nov-10		12 T/ E
2010-03	2010-09	MI	7	C/TA	3-Sep-10		12 C/FC
2009-11	2010-09	MD	10	C/TA	7-Sep-10	ENGINE A:	6006 C/FC
2009-08	2010-07	MI	9	T/TA	5-Jul-10	ENGINE A:	6006 T/ E
2009-09	2010-07	MI	11	C/TA	17-Jul-10	ENGINE A:	6006 C/FC
2009-10	2010-07	OH	8	T/TA	9-Jul-10	ENGINE A:	6006 T/ E
2010-01	2010-07	ME	7	T/TA	27-Jul-10	ENGINE A:	6006 T/ E
2010-01	2010-07	ME	7	T/TA	27-Jul-10	ENGINE A:	6006 T/ E
2009-10	2010-09	MD	7	C/TA	27-Sep-10	GASKET C	9229 C/FC
2010-01	2010-10	I	10	T/TA	18-Oct-10	DIAGNOSI DIAG	T/ E
2009-10	2010-09	MI	12	T/TA	24-Sep-10	COIL ASY-	12029 T/ E
2009-09	2010-10	NJ	10	T/TA	21-Oct-10	COIL ASY-	12029 T/ E
2010-01	2010-09	NJ	6	T/TA	10-Sep-10	COIL ASY-	12029 T/ E
2009-09	2010-09	MA	11	C/TA	22-Sep-10	COIL ASY-	12029 C/FC
2009-09	2010-08	NJ	6	C/TA	4-Aug-10	COIL ASY-	12029 C/FC
2009-09	2010-08	NJ	6	C/TA	4-Aug-10	COIL ASY-	12029 C/FC
2009-08	2010-06	MN	7	T/TA	28-Jun-10	COIL ASY-	12029 T/ E
2010-01	2010-05	PA	3	C/TA	#####	COIL ASY-	12029 C/FC
2009-09	2010-04	AL	4	C/TA	19-Apr-10	COIL ASY-	12029 C/FC
2010-01	2010-03	TX	1	C/TA	8-Mar-10	COIL ASY-	12029 C/FC
2009-10	2010-12	KY	12	C/TA	22-Dec-10	SPARK PL	12405 C/FC
2009-11	2010-12	CT	12	T/TA	8-Dec-10	SPARK PL	12405 T/ E
2010-04	2010-11	C	-1	C/TA	24-Nov-10	SPARK PL	12405 C/FC
2009-09	2010-11	CA	13	T/TA	17-Nov-10	SPARK PL	12405 T/ E
2009-12	2010-10	TX	8	C/TA	25-Oct-10	SPARK PL	12405 C/FC
2010-01	2010-11	CA	9	T/TA	4-Nov-10	SPARK PL	12405 T/ E
2009-07	2010-10	MI	14	C/TA	28-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-10	AB	13	T/TA	14-Oct-10	SPARK PL	12405 T/ E
2009-08	2010-10	AB	13	C/TA	18-Oct-10	SPARK PL	12405 C/FC
2009-08	2010-10	AB	13	C/TA	18-Oct-10	SPARK PL	12405 C/FC
2009-12	2010-10	MI	9	C/TA	21-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-10	MI	13	C/TA	4-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-10	IL	7	C/TA	12-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-10	IL	7	C/TA	12-Oct-10	SPARK PL	12405 C/FC
2010-01	2010-09	FL	6	T/TA	27-Sep-10	SPARK PL	12405 T/ E
2009-11	2010-09	AK	9	T/TA	30-Sep-10	SPARK PL	12405 T/ E
2009-10	2010-10	TX	12	T/TA	4-Oct-10	SPARK PL	12405 T/ E



2009-09	2010-09	MI	12	T/TA	24-Sep-10	SPARK PL	12405	T/ E
2009-10	2010-09	ON	11	C/TA	7-Sep-10	SPARK PL	12405	C/FC
2009-11	2010-09	IL	9	T/TA	10-Sep-10	SPARK PL	12405	T/ E
2010-03	2010-08	IL	4	C/TA	30-Aug-10	SPARK PL	12405	C/FC
2010-01	2010-08	FL	4	T/TA	2-Aug-10	SPARK PL	12405	T/ E
2009-10	2010-08	MI	6	T/TA	19-Aug-10	SPARK PL	12405	T/ E
2009-10	2010-08	NJ	9	T/TA	16-Aug-10	SPARK PL	12405	T/ E
2009-09	2010-07	MI	8	C/TA	9-Jul-10	SPARK PL	12405	C/FC
2010-01	2010-07	NY	3	T/TA	13-Jul-10	SPARK PL	12405	T/ E
2009-09	2010-05	ON	7	C/TA	#####	SPARK PL	12405	C/FC
2009-12	2010-05	VA	3	T/TA	#####	SPARK PL	12405	T/ E
2009-10	2010-05	VA	7	T/TA	#####	SPARK PL	12405	T/ E
2009-10	2010-05	VA	7	T/TA	#####	SPARK PL	12405	T/ E
2009-07	2010-02	MB	5	C/TA	27-Feb-10	SPARK PL	12405	C/FC
2009-10	2010-11	NV	9	C/TA	6-Nov-10	INJECTOR9F593		C/FC
2009-07	2010-11	FL	9	C/TA	8-Nov-10	INJECTOR9F593		C/FC
2010-03	2010-10	MI	8	C/TA	27-Oct-10	INJECTOR9F593		C/FC
2009-09	2010-10	MI	13	C/TA	21-Oct-10	INJECTOR9F593		C/FC
2009-10	2010-10	MI	13	T/TA	22-Oct-10	INJECTOR9F593		T/ E
2009-11	2010-10	VA	8	T/TA	4-Oct-10	INJECTOR9F593		T/ E
2009-09	2010-10	IA	7	C/TA	8-Oct-10	INJECTOR9F593		C/FC
2009-09	2010-10	NJ	13	C/TA	14-Oct-10	INJECTOR9F593		C/FC
2009-12	2010-09	CA	8	T/TA	11-Sep-10	INJECTOR9F593		T/ E
2009-09	2010-07	HI	9	T/TA	26-Jul-10	INJECTOR9F593		T/ E
2009-08	2010-07	CT	8	C/TA	9-Jul-10	INJECTOR9F593		C/FC
2009-08	2010-07	CT	8	C/TA	9-Jul-10	INJECTOR9F593		C/FC
2010-02	2010-06	AK	4	C/TA	22-Jun-10	INJECTOR9F593		C/FC
2009-08	2010-05	KS	9	C/TA	#####	INJECTOR9F593		C/FC
2009-07	2010-05	ON	9	T/TA	#####	INJECTOR9F593		T/ E
2009-07	2010-03	NC	8	C/TA	29-Mar-10	INJECTOR9F593		C/FC
2009-10	2010-01	IL	3	C/TA	4-Jan-10	INJECTOR9F593		C/FC
2009-09	2010-11	AB	13	C/TA	23-Nov-10	NO LE A 9E527		C/FC
2009-10	2010-01	ON	3	T/TA	8-Jan-10	SENSOR E9F472		T/ E
2010-01	2010-10	MI	8	T/TA	13-Oct-10	THROTTLE9B989		T/ E
2009-08	2010-07	MI	11	C/TA	13-Jul-10	IRING A 12A581		C/FC
2009-10	2010-02	OH	1	C/TA	6-Feb-10	PROCESS 12A650		C/FC
2009-07	2010-05	AB	0	T/TA	#####	ECC PRO(CRECAL		T/ E
2009-09	2010-09	MI	10	C/TA	2-Sep-10	SPARK PL 12F		C/FC
2009-09	2010-08	AB	0	C/TA	24-Aug-10	SPARK PL 12F		C/FC
2009-10	2010-08	MI	10	C/TA	16-Aug-10	SPARK PL 12F		C/FC
2009-11	2010-07	C	8	T/TA	22-Jul-10	SPARK PL 12F		T/ E
2010-02	2010-07	MI	4	C/TA	21-Jul-10	SPARK PL 12F		C/FC
2009-07	2010-07	IL	2	T/TA	1-Jul-10	SPARK PL 12F		T/ E
2009-12	2010-07	MD	2	C/TA	7-Jul-10	SPARK PL 12F		C/FC
2009-12	2010-07	MD	2	C/TA	7-Jul-10	SPARK PL 12F		C/FC
2010-01	2010-06	CA	2	T/TA	10-Jun-10	SPARK PL 12F		T/ E
2009-08	2010-05	MA	7	C/TA	#####	SPARK PL 12F		C/FC
2009-10	2010-05	TX	7	C/TA	#####	SPARK PL 12F		C/FC
2009-08	2010-04	TX	6	T/TA	5-Apr-10	SPARK PL 12F		T/ E
2009-08	2010-03	LA	5	C/TA	15-Mar-10	SPARK PL 12F		C/FC
2009-07	2010-03	AB	0	C/TA	2-Mar-10	SPARK PL 12F		C/FC

2009-07	2010-01	PA	0 T/TA	6-Jan-10	SPARK PL 12F	T/ E
2009-07	2010-01	PA	0 T/TA	6-Jan-10	SPARK PL 12F	T/ E
2009-07	2010-11	CA	15 C/TA	1-Nov-10		12 C/FC
2009-07	2010-09	CO	10 T/TA	27-Sep-10	ENGINE A:	6006 T/ E
2009-09	2010-08	TX	11 T/TA	23-Aug-10	ENGINE A:	6006 T/ E
2009-11	2010-09	MD	10 C/TA	7-Sep-10	ENGINE A:	6006 C/FC
2010-02	2010-07	MI	5 C/TA	12-Jul-10	ENGINE A:	6006 C/FC
2010-02	2010-07	MO	5 T/TA	12-Jul-10	ENGINE A:	6006 T/ E
2009-08	2010-07	MI	9 T/TA	5-Jul-10	ENGINE A:	6006 T/ E
2009-10	2010-06	A	-1 T/TA	26-Jun-10	ENGINE A:	6006 T/ E
2009-10	2010-08	PA	9 T/TA	12-Aug-10	ENGINE A:	6006 T/ E
2010-03	2010-07	MI	4 T/TA	6-Jul-10	ENGINE A:	6006 T/ E
2009-12	2010-06	CA	4 T/TA	12-Jun-10	ENGINE A:	6006 T/ E
2009-12	2010-06	NY	4 T/TA	18-Jun-10	ENGINE A:	6006 T/ E
2009-09	2010-07	BC	10 T/TA	16-Jul-10	ENGINE A:	6007 T/ E
2009-09	2010-07	BC	10 T/TA	16-Jul-10	ENGINE A:	6007 T/ E
2009-09	2010-07	BC	10 T/TA	16-Jul-10	ENGINE A:	6007 T/ E
2009-11	2010-06	ON	7 T/TA	4-Jun-10	PISTON	6108 T/ E
2009-09	2010-08	TX	9 C/TA	9-Aug-10	CONNECT	6200 C/FC
2009-10	2010-09	MD	7 C/TA	27-Sep-10	GASKET C	9229 C/FC
2009-08	2010-01	IL	4 C/TA	12-Jan-10	DIAGNOSI DIAG	C/FC
2009-09	2010-09	I	11 C/TA	16-Sep-10	GASKET-II	9439 C/FC
2009-09	2010-09	AB	9 C/TA	21-Sep-10	COIL ASY-	12029 C/FC
2009-09	2010-09	PA	12 T/TA	27-Sep-10	COIL ASY-	12029 T/ E
2009-09	2010-09	PA	12 T/TA	27-Sep-10	COIL ASY-	12029 T/ E
2009-08	2010-09	NY	11 T/TA	17-Sep-10	COIL ASY-	12029 T/ E
2009-08	2010-07	OH	12 T/TA	13-Jul-10	COIL ASY-	12029 T/ E
2009-10	2010-06	SD	3 T/TA	30-Jun-10	COIL ASY-	12029 T/ E
2010-01	2010-07	FL	6 C/TA	12-Jul-10	COIL ASY-	12029 C/FC
2009-04	2010-06	ON	5 T/TA	14-Jun-10	COIL ASY-	12029 T/ E
2009-07	2010-06	OK	8 T/TA	8-Jun-10	COIL ASY-	12029 T/ E
2009-08	2010-05	CA	7 C/TA	#####	COIL ASY-	12029 C/FC
2010-03	2010-04	KS	1 C/TA	12-Apr-10	COIL ASY-	12029 C/FC
2010-04	2010-12	TX	1 T/TA	23-Dec-10	SPARK PL	12405 T/ E
2009-07	2010-12	MI	14 T/TA	7-Dec-10	SPARK PL	12405 T/ E
2009-09	2010-12	MI	15 C/TA	10-Dec-10	SPARK PL	12405 C/FC
2009-11	2010-12	CT	12 T/TA	8-Dec-10	SPARK PL	12405 T/ E
2009-11	2010-12	CT	12 T/TA	8-Dec-10	SPARK PL	12405 T/ E
2010-02	2010-11	FL	6 T/TA	22-Nov-10	SPARK PL	12405 T/ E
2009-09	2010-11	FL	10 C/TA	8-Nov-10	SPARK PL	12405 C/FC
2010-01	2010-10	NJ	5 T/TA	30-Oct-10	SPARK PL	12405 T/ E
2009-09	2010-10	NE	2 C/TA	21-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-09	LA	12 C/TA	28-Sep-10	SPARK PL	12405 C/FC
2009-12	2010-09	IL	10 C/TA	29-Sep-10	SPARK PL	12405 C/FC
2010-03	2010-09	MI	6 T/TA	3-Sep-10	SPARK PL	12405 T/ E
2009-09	2010-10	MI	13 C/TA	4-Oct-10	SPARK PL	12405 C/FC
2010-01	2010-10	MI	8 T/TA	13-Oct-10	SPARK PL	12405 T/ E
2009-10	2010-10	MI	12 T/TA	8-Oct-10	SPARK PL	12405 T/ E
2009-12	2010-09	OK	5 T/TA	17-Sep-10	SPARK PL	12405 T/ E
2009-10	2010-09	UT	11 C/TA	13-Sep-10	SPARK PL	12405 C/FC
2009-10	2010-09	TX	8 C/TA	1-Sep-10	SPARK PL	12405 C/FC

2009-10	2010-09	ON	11	C/TA	7-Sep-10	SPARK PL	12405	C/FC
2010-03	2010-08	IL	4	C/TA	30-Aug-10	SPARK PL	12405	C/FC
2010-03	2010-08	IL	4	C/TA	30-Aug-10	SPARK PL	12405	C/FC
2009-10	2010-08	IA	10	C/TA	12-Aug-10	SPARK PL	12405	C/FC
2009-07	2010-06	ON	8	C/TA	30-Jun-10	SPARK PL	12405	C/FC
2009-10	2010-07	MI	4	T/TA	21-Jul-10	SPARK PL	12405	T/ E
2009-12	2010-07	MI	7	C/TA	6-Jul-10	SPARK PL	12405	C/FC
2010-04	2010-07	MI	3	T/TA	7-Jul-10	SPARK PL	12405	T/ E
2010-01	2010-07	NJ	5	C/TA	12-Jul-10	SPARK PL	12405	C/FC
2009-07	2010-07	C	9	T/TA	8-Jul-10	SPARK PL	12405	T/ E
2009-07	2010-06	NL	3	T/TA	28-Jun-10	SPARK PL	12405	T/ E
2009-07	2010-06	NL	3	T/TA	28-Jun-10	SPARK PL	12405	T/ E
2009-08	2010-06	ON	2	T/TA	15-Jun-10	SPARK PL	12405	T/ E
2009-10	2010-05	VA	7	T/TA	#####	SPARK PL	12405	T/ E
2009-09	2010-04	MI	6	T/TA	22-Apr-10	SPARK PL	12405	T/ E
2009-10	2010-04	PA	6	C/TA	19-Apr-10	SPARK PL	12405	C/FC
2009-11	2010-04	IL	5	T/TA	16-Apr-10	SPARK PL	12405	T/ E
2009-10	2010-03	NY	5	T/TA	26-Mar-10	SPARK PL	12405	T/ E
2009-09	2009-11	TN	0	C/TA	17-Nov-09	SPARK PL	12405	C/FC
2009-08	2010-11	MI	14	C/TA	23-Nov-10	INJECTOR 9F593		C/FC
2009-09	2010-10	MI	13	T/TA	25-Oct-10	INJECTOR 9F593		T/ E
2009-09	2010-10	MI	13	T/TA	25-Oct-10	INJECTOR 9F593		T/ E
2009-07	2010-09	MI	14	C/TA	1-Sep-10	INJECTOR 9F593		C/FC
2009-10	2010-10	AL	9	C/TA	26-Oct-10	INJECTOR 9F593		C/FC
2009-10	2010-10	NH	9	C/TA	2-Oct-10	INJECTOR 9F593		C/FC
2009-09	2010-07	SD	7	C/TA	22-Jul-10	INJECTOR 9F593		C/FC
2009-09	2010-09	AK	10	C/TA	21-Sep-10	INJECTOR 9F593		C/FC
2010-02	2010-09	AK	6	C/TA	9-Sep-10	INJECTOR 9F593		C/FC
2009-10	2010-09	CA	10	T/TA	3-Sep-10	INJECTOR 9F593		T/ E
2009-10	2010-08	NM	10	C/TA	5-Aug-10	INJECTOR 9F593		C/FC
2009-08	2010-08	MI	9	C/TA	9-Aug-10	INJECTOR 9F593		C/FC
2009-11	2010-07	IL	8	C/TA	22-Jul-10	INJECTOR 9F593		C/FC
2009-11	2010-08	VA	8	C/TA	9-Aug-10	INJECTOR 9F593		C/FC
2009-11	2010-08	VA	8	C/TA	9-Aug-10	INJECTOR 9F593		C/FC
2009-10	2010-07	IL	9	C/TA	28-Jul-10	INJECTOR 9F593		C/FC
2009-07	2010-07	NY	11	C/TA	20-Jul-10	INJECTOR 9F593		C/FC
2009-08	2010-07	CT	8	C/TA	9-Jul-10	INJECTOR 9F593		C/FC
2009-10	2010-06	TX	8	C/TA	15-Jun-10	INJECTOR 9F593		C/FC
2009-08	2010-08	BC	4	T/TA	16-Aug-10	SENSOR E9F472		T/ E
2009-12	2010-04	OH	1	C/TA	8-Apr-10	SENSOR E9F472		C/FC
2009-08	2010-01	ON	5	T/TA	13-Jan-10	SENSOR E9F472		T/ E
2009-10	2009-12	NS	0	C/TA	28-Dec-09	TUBE ASY 9D280		C/FC
2010-01	2010-03	SD	-1	C/TA	24-Mar-10	S ITCH-A 19D594		C/FC
2009-07	2010-08	NJ	10	T/TA	4-Aug-10	CYLINDER 6009		T/ E
2009-08	2010-07	MI	10	C/TA	7-Jul-10	SNS DTI 7H557		C/FC
2009-04	2010-11	ON	10	T/TA	1-Nov-10	SPARK PL 12F		T/ E
2010-04	2010-09	ON	5	C/TA	7-Sep-10	SPARK PL 12F		C/FC
2009-07	2010-09	ON	6	T/TA	3-Sep-10	SPARK PL 12F		T/ E
2009-09	2010-09	MI	10	C/TA	2-Sep-10	SPARK PL 12F		C/FC
2009-09	2010-08	AB	0	C/TA	24-Aug-10	SPARK PL 12F		C/FC
2009-10	2010-08	PA	5	C/TA	25-Aug-10	SPARK PL 12F		C/FC

2010-01	2010-08	C	6 T/TA	11-Aug-10	SPARK PL 12F	T/ E
2009-09	2010-07	OH	4 T/TA	20-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-07	MI	8 C/TA	22-Jul-10	SPARK PL 12F	C/FC
2009-12	2010-07	VA	5 T/TA	9-Jul-10	SPARK PL 12F	T/ E
2010-01	2010-06	MI	6 T/TA	30-Jun-10	SPARK PL 12F	T/ E
2010-01	2010-07	C	5 T/TA	5-Jul-10	SPARK PL 12F	T/ E
2010-01	2010-06	CA	2 T/TA	10-Jun-10	SPARK PL 12F	T/ E
2009-07	2010-01	PA	0 T/TA	6-Jan-10	SPARK PL 12F	T/ E
2009-11	2010-11	NV	5 T/TA	8-Nov-10		12 T/ E
2009-09	2010-10	MI	10 T/TA	4-Oct-10		12 T/ E
2009-08	2010-10	CO	12 T/TA	14-Oct-10		12 T/ E
2009-09	2010-08	TX	10 T/TA	9-Aug-10	ENGINE A:	6006 T/ E
2010-02	2010-07	MO	5 T/TA	12-Jul-10	ENGINE A:	6006 T/ E
2009-08	2010-07	MI	9 T/TA	5-Jul-10	ENGINE A:	6006 T/ E
2009-08	2010-06	NY	4 T/TA	7-Jun-10	ENGINE A:	6006 T/ E
2009-08	2010-06	NY	4 T/TA	7-Jun-10	ENGINE A:	6006 T/ E
2009-09	2010-05	IL	6 T/TA	#####	ENGINE A:	6007 T/ E
2009-09	2010-05	IL	6 T/TA	#####	ENGINE A:	6007 T/ E
2009-08	2010-06	MI	10 T/TA	14-Jun-10	PISTON	6108 T/ E
2009-08	2010-08	ON	9 T/TA	3-Aug-10	RING SET	6149 T/ E
2009-08	2010-08	ON	9 T/TA	3-Aug-10	RING SET	6149 T/ E
2009-09	2010-08	TX	9 C/TA	9-Aug-10	CONNECT	6200 C/FC
2009-10	2010-09	MD	7 C/TA	27-Sep-10	GASKET C	9229 C/FC
2010-02	2010-08	I	5 C/TA	21-Aug-10	DIAGNOSI DIAG	C/FC
2009-09	2010-09	I	11 C/TA	16-Sep-10	GASKET-II	9439 C/FC
2010-04	2010-08	ON	5 C/TA	30-Aug-10	COIL ASY-	12029 C/FC
2009-10	2010-07	MD	9 T/TA	27-Jul-10	COIL ASY-	12029 T/ E
2009-11	2010-08	ON	9 T/TA	5-Aug-10	COIL ASY-	12029 T/ E
2009-11	2010-08	ON	9 T/TA	5-Aug-10	COIL ASY-	12029 T/ E
2009-10	2010-06	SD	3 T/TA	30-Jun-10	COIL ASY-	12029 T/ E
2010-01	2010-07	NY	5 C/TA	12-Jul-10	COIL ASY-	12029 C/FC
2010-02	2010-06	ON	4 T/TA	18-Jun-10	COIL ASY-	12029 T/ E
2009-10	2010-05	ON	1 C/TA	#####	COIL ASY-	12029 C/FC
2009-09	2010-06	MO	9 C/TA	8-Jun-10	COIL ASY-	12029 C/FC
2009-09	2010-06	MO	9 C/TA	8-Jun-10	COIL ASY-	12029 C/FC
2009-10	2010-06	NV	4 C/TA	4-Jun-10	COIL ASY-	12029 C/FC
2009-10	2009-12	IN	1 C/TA	30-Dec-09	COIL ASY-	12029 C/FC
2010-04	2010-12	IL	7 T/TA	27-Dec-10	SPARK PL	12405 T/ E
2010-04	2010-11	MB	6 C/TA	4-Nov-10	SPARK PL	12405 C/FC
2009-08	2010-12	MI	15 T/TA	7-Dec-10	SPARK PL	12405 T/ E
2009-11	2010-12	CT	12 T/TA	8-Dec-10	SPARK PL	12405 T/ E
2009-07	2010-11	ON	11 C/TA	30-Nov-10	SPARK PL	12405 C/FC
2010-01	2010-11	TN	9 T/TA	29-Nov-10	SPARK PL	12405 T/ E
2009-07	2010-11	BC	14 T/TA	4-Nov-10	SPARK PL	12405 T/ E
2009-07	2010-10	PA	3 T/TA	22-Oct-10	SPARK PL	12405 T/ E
2009-09	2010-10	NE	2 C/TA	21-Oct-10	SPARK PL	12405 C/FC
2009-10	2010-09	MI	12 T/TA	24-Sep-10	SPARK PL	12405 T/ E
2009-07	2010-09	CO	10 T/TA	27-Sep-10	SPARK PL	12405 T/ E
2009-10	2010-08	MI	11 C/TA	24-Aug-10	SPARK PL	12405 C/FC
2009-09	2010-10	MI	13 C/TA	4-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-09	PA	9 T/TA	10-Sep-10	SPARK PL	12405 T/ E

2010-01	2010-10	MI	8 T/TA	13-Oct-10 SPARK PL	12405 T/ E
2009-10	2010-09	UT	11 C/TA	13-Sep-10 SPARK PL	12405 C/FC
2010-01	2010-09	GA	7 T/TA	21-Sep-10 SPARK PL	12405 T/ E
2009-08	2010-09	OH	11 C/TA	25-Sep-10 SPARK PL	12405 C/FC
2010-03	2010-09	AR	6 C/TA	25-Sep-10 SPARK PL	12405 C/FC
2009-10	2010-09	ON	11 C/TA	7-Sep-10 SPARK PL	12405 C/FC
2009-10	2010-09	ON	11 C/TA	7-Sep-10 SPARK PL	12405 C/FC
2009-11	2010-09	IL	9 T/TA	10-Sep-10 SPARK PL	12405 T/ E
2009-11	2010-09	IL	9 T/TA	10-Sep-10 SPARK PL	12405 T/ E
2009-11	2010-09	IL	9 T/TA	10-Sep-10 SPARK PL	12405 T/ E
2010-01	2010-08	CA	6 C/TA	23-Aug-10 SPARK PL	12405 C/FC
2010-03	2010-08	IL	4 C/TA	30-Aug-10 SPARK PL	12405 C/FC
2010-04	2010-08	MI	4 T/TA	24-Aug-10 SPARK PL	12405 T/ E
2009-11	2010-08	MA	4 C/TA	23-Aug-10 SPARK PL	12405 C/FC
2009-10	2010-08	IA	10 C/TA	12-Aug-10 SPARK PL	12405 C/FC
2009-12	2010-07	MI	6 C/TA	16-Jul-10 SPARK PL	12405 C/FC
2009-12	2010-07	MI	6 C/TA	26-Jul-10 SPARK PL	12405 C/FC
2009-08	2010-07	OH	8 C/TA	16-Jul-10 SPARK PL	12405 C/FC
2009-11	2010-07	NJ	9 T/TA	22-Jul-10 SPARK PL	12405 T/ E
2009-07	2010-07	NJ	9 T/TA	26-Jul-10 SPARK PL	12405 T/ E
2009-09	2010-07	FL	7 C/TA	29-Jul-10 SPARK PL	12405 C/FC
2009-12	2010-07	MI	6 T/TA	8-Jul-10 SPARK PL	12405 T/ E
2009-11	2010-07	MI	8 C/TA	12-Jul-10 SPARK PL	12405 C/FC
2010-01	2010-07	TX	6 C/TA	15-Jul-10 SPARK PL	12405 C/FC
2009-10	2010-06	MI	9 C/TA	30-Jun-10 SPARK PL	12405 C/FC
2009-08	2010-06	ON	2 T/TA	15-Jun-10 SPARK PL	12405 T/ E
2009-08	2010-06	ON	2 T/TA	15-Jun-10 SPARK PL	12405 T/ E
2009-10	2010-06	MI	7 T/TA	7-Jun-10 SPARK PL	12405 T/ E
2009-07	2010-03	NC	7 C/TA	1-Mar-10 SPARK PL	12405 C/FC
2009-07	2010-12	VA	14 T/TA	20-Dec-10 INJECTOR 9F593	T/ E
2009-10	2010-12	MA	14 C/TA	6-Dec-10 INJECTOR 9F593	C/FC
2010-01	2010-10	GA	9 C/TA	12-Oct-10 INJECTOR 9F593	C/FC
2009-10	2010-11	NJ	12 T/TA	16-Nov-10 INJECTOR 9F593	T/ E
2009-09	2010-10	MI	13 T/TA	25-Oct-10 INJECTOR 9F593	T/ E
2009-07	2010-09	MI	14 C/TA	1-Sep-10 INJECTOR 9F593	C/FC
2009-12	2010-10	KS	9 C/TA	7-Oct-10 INJECTOR 9F593	C/FC
2009-09	2010-10	MI	13 C/TA	21-Oct-10 INJECTOR 9F593	C/FC
2009-10	2010-10	MI	13 T/TA	22-Oct-10 INJECTOR 9F593	T/ E
2009-09	2010-09	LA	12 C/TA	28-Sep-10 INJECTOR 9F593	C/FC
2009-09	2010-07	SD	7 C/TA	22-Jul-10 INJECTOR 9F593	C/FC
2009-11	2010-09	TX	8 T/TA	29-Sep-10 INJECTOR 9F593	T/ E
2009-11	2010-09	TX	8 T/TA	29-Sep-10 INJECTOR 9F593	T/ E
2009-10	2010-09	CO	3 C/TA	20-Sep-10 INJECTOR 9F593	C/FC
2009-10	2010-09	NY	7 C/TA	23-Sep-10 INJECTOR 9F593	C/FC
2009-10	2010-09	NY	7 C/TA	23-Sep-10 INJECTOR 9F593	C/FC
2009-07	2010-09	MI	13 C/TA	7-Sep-10 INJECTOR 9F593	C/FC
2009-09	2010-09	MI	11 C/TA	1-Sep-10 INJECTOR 9F593	C/FC
2009-09	2010-09	MI	11 C/TA	1-Sep-10 INJECTOR 9F593	C/FC
2009-07	2010-07	NY	11 C/TA	20-Jul-10 INJECTOR 9F593	C/FC
2009-07	2010-06	TX	11 C/TA	28-Jun-10 INJECTOR 9F593	C/FC
2009-12	2010-06	IL	6 C/TA	7-Jun-10 INJECTOR 9F593	C/FC

2009-07	2010-05	ON	9	T/TA	##### INJECTOR9F593	T/ E
2009-11	2010-04	IL	4	T/TA	14-Apr-10 INJECTOR9F593	T/ E
2009-08	2010-04	SC	7	C/TA	1-Apr-10 INJECTOR9F593	C/FC
2009-09	2010-01	MI	5	C/TA	29-Jan-10 INJECTOR9F593	C/FC
2009-07	2009-12	C	1	T/TA	18-Dec-09 INJECTOR9F593	T/ E
2010-01	2010-06	MD	1	C/TA	16-Jun-10 SENSOR E9F472	C/FC
2009-09	2010-07	NJ	10	C/TA	27-Jul-10 IRE ASY 14401	C/FC
2009-09	2010-08	AB	0	C/TA	24-Aug-10 SPARK PL 12F	C/FC
2009-09	2010-08	AB	0	C/TA	24-Aug-10 SPARK PL 12F	C/FC
2009-11	2010-08	NY	4	C/TA	30-Aug-10 SPARK PL 12F	C/FC
2009-11	2010-08	NY	4	C/TA	30-Aug-10 SPARK PL 12F	C/FC
2009-12	2010-08	IL	8	C/TA	30-Aug-10 SPARK PL 12F	C/FC
2009-09	2010-08	OK	10	T/TA	12-Aug-10 SPARK PL 12F	T/ E
2010-01	2010-07	MI	6	T/TA	27-Jul-10 SPARK PL 12F	T/ E
2010-02	2010-08	NY	5	T/TA	10-Aug-10 SPARK PL 12F	T/ E
2009-11	2010-08	TX	9	C/TA	5-Aug-10 SPARK PL 12F	C/FC
2010-03	2010-06	IL	3	T/TA	28-Jun-10 SPARK PL 12F	T/ E
2009-08	2010-06	NC	9	C/TA	7-Jun-10 SPARK PL 12F	C/FC
2010-01	2010-05	C	5	T/TA	##### SPARK PL 12F	T/ E
2009-07	2010-05	ON	6	T/TA	##### SPARK PL 12F	T/ E
2009-10	2010-10	AR	13	C/TA	25-Oct-10	12 C/FC
2009-07	2010-09	MI	13	C/TA	20-Sep-10	12 C/FC
2010-02	2010-09	ON	7	C/TA	16-Sep-10	12 C/FC
2009-10	2010-09	CA	5	T/TA	27-Sep-10 ENGINE A:	6006 T/ E
2009-10	2010-09	CA	5	T/TA	27-Sep-10 ENGINE A:	6006 T/ E
2009-11	2010-07	MI	8	C/TA	1-Jul-10 ENGINE A:	6006 C/FC
2009-08	2010-08	NJ	10	C/TA	16-Aug-10 ENGINE A:	6006 C/FC
2010-04	2010-08	NY	5	T/TA	31-Aug-10 ENGINE A:	6006 T/ E
2009-07	2010-08	CA	7	T/TA	25-Aug-10 ENGINE A:	6006 T/ E
2009-10	2010-08	A	9	T/TA	16-Aug-10 ENGINE A:	6006 T/ E
2010-02	2010-08	ON	5	T/TA	4-Aug-10 ENGINE A:	6006 T/ E
2009-12	2010-06	CA	4	T/TA	12-Jun-10 ENGINE A:	6006 T/ E
2009-10	2010-03	MA	5	T/TA	20-Mar-10 ENGINE A:	6007 T/ E
2009-08	2010-08	PE	4	C/TA	16-Aug-10 PISTON	6108 C/FC
2009-08	2010-08	PE	4	C/TA	16-Aug-10 PISTON	6108 C/FC
2009-08	2010-06	MI	10	T/TA	14-Jun-10 PISTON	6108 T/ E
2009-10	2010-08	LA	6	C/TA	26-Aug-10 RING SET	6149 C/FC
2009-09	2010-08	TX	9	C/TA	9-Aug-10 CONNECT	6200 C/FC
2009-10	2010-09	MD	7	C/TA	27-Sep-10 GASKET C	9229 C/FC
2009-07	2010-08	A	12	T/TA	30-Aug-10 INTAKE M,	9424 T/ E
2009-11	2010-08	NH	9	T/TA	19-Aug-10 DIAGNOSI DIAG	T/ E
2009-09	2010-09	I	11	C/TA	16-Sep-10 GASKET-II	9439 C/FC
2010-04	2010-10	CA	6	C/TA	14-Oct-10 COIL ASY-	12029 C/FC
2009-09	2010-09	MA	11	C/TA	22-Sep-10 COIL ASY-	12029 C/FC
2009-09	2010-09	TN	6	C/TA	1-Sep-10 COIL ASY-	12029 C/FC
2009-09	2010-09	FL	12	C/TA	1-Sep-10 COIL ASY-	12029 C/FC
2009-07	2010-07	TX	7	C/TA	20-Jul-10 COIL ASY-	12029 C/FC
2009-11	2010-08	MD	2	C/TA	13-Aug-10 COIL ASY-	12029 C/FC
2009-09	2010-08	NJ	9	C/TA	3-Aug-10 COIL ASY-	12029 C/FC
2009-11	2010-08	I	8	T/TA	5-Aug-10 COIL ASY-	12029 T/ E
2009-10	2010-07	SD	8	C/TA	12-Jul-10 COIL ASY-	12029 C/FC

2009-10	2010-07	OH	8 T/TA	7-Jul-10	COIL ASY-	12029 T/ E
2009-08	2010-07	TX	9 C/TA	23-Jul-10	COIL ASY-	12029 C/FC
2009-09	2010-04	AL	4 C/TA	19-Apr-10	COIL ASY-	12029 C/FC
2010-04	2010-12	SD	7 C/TA	1-Dec-10	SPARK PL	12405 C/FC
2009-11	2010-12	CT	12 T/TA	8-Dec-10	SPARK PL	12405 T/ E
2009-11	2010-12	AB	9 T/TA	3-Dec-10	SPARK PL	12405 T/ E
2009-08	2010-11	NY	14 T/TA	29-Nov-10	SPARK PL	12405 T/ E
2009-08	2010-11	NY	14 T/TA	29-Nov-10	SPARK PL	12405 T/ E
2010-02	2010-11	FL	6 T/TA	22-Nov-10	SPARK PL	12405 T/ E
2009-12	2010-10	TX	8 C/TA	25-Oct-10	SPARK PL	12405 C/FC
2009-09	2010-11	MI	4 C/TA	5-Nov-10	SPARK PL	12405 C/FC
2009-09	2010-11	CA	13 T/TA	4-Nov-10	SPARK PL	12405 T/ E
2009-07	2010-09	NY	7 T/TA	2-Sep-10	SPARK PL	12405 T/ E
2009-10	2010-09	MN	11 C/TA	13-Sep-10	SPARK PL	12405 C/FC
2009-10	2010-09	MN	11 C/TA	13-Sep-10	SPARK PL	12405 C/FC
2010-01	2010-10	MD	9 T/TA	18-Oct-10	SPARK PL	12405 T/ E
2009-09	2010-10	NJ	13 C/TA	14-Oct-10	SPARK PL	12405 C/FC
2009-11	2010-10	IL	4 C/TA	18-Oct-10	SPARK PL	12405 C/FC
2009-12	2010-10	KS	9 C/TA	5-Oct-10	SPARK PL	12405 C/FC
2010-04	2010-10	MI	5 C/TA	6-Oct-10	SPARK PL	12405 C/FC
2009-10	2010-10	MI	12 T/TA	8-Oct-10	SPARK PL	12405 T/ E
2009-10	2010-10	TX	12 T/TA	4-Oct-10	SPARK PL	12405 T/ E
2009-10	2010-09	SD	10 T/TA	7-Sep-10	SPARK PL	12405 T/ E
2009-08	2010-09	OH	11 C/TA	25-Sep-10	SPARK PL	12405 C/FC
2010-03	2010-09	AR	6 C/TA	25-Sep-10	SPARK PL	12405 C/FC
2009-10	2010-09	ON	11 C/TA	7-Sep-10	SPARK PL	12405 C/FC
2009-12	2010-09	MI	7 C/TA	10-Sep-10	SPARK PL	12405 C/FC
2009-09	2010-08	MI	11 T/TA	31-Aug-10	SPARK PL	12405 T/ E
2010-02	2010-08	TN	2 C/TA	18-Aug-10	SPARK PL	12405 C/FC
2009-07	2010-06	ON	8 C/TA	30-Jun-10	SPARK PL	12405 C/FC
2009-10	2010-07	CA	7 T/TA	12-Jul-10	SPARK PL	12405 T/ E
2010-01	2010-07	NY	3 T/TA	13-Jul-10	SPARK PL	12405 T/ E
2010-04	2010-07	MI	4 C/TA	16-Jul-10	SPARK PL	12405 C/FC
2010-04	2010-07	MI	4 C/TA	16-Jul-10	SPARK PL	12405 C/FC
2010-01	2010-06	MD	4 C/TA	30-Jun-10	SPARK PL	12405 C/FC
2009-12	2010-06	GA	6 C/TA	7-Jun-10	SPARK PL	12405 C/FC
2009-12	2010-05	VA	3 T/TA	#####	SPARK PL	12405 T/ E
2009-10	2010-05	VA	7 T/TA	#####	SPARK PL	12405 T/ E
2009-10	2010-04	PA	6 C/TA	19-Apr-10	SPARK PL	12405 C/FC
2009-10	2010-04	NJ	3 T/TA	5-Apr-10	SPARK PL	12405 T/ E
2009-08	2010-11	MI	14 C/TA	23-Nov-10	INJECTOR9F593	C/FC
2009-07	2010-11	FL	14 C/TA	15-Nov-10	INJECTOR9F593	C/FC
2009-10	2010-11	NJ	12 T/TA	16-Nov-10	INJECTOR9F593	T/ E
2009-07	2010-11	SC	9 C/TA	8-Nov-10	INJECTOR9F593	C/FC
2009-12	2010-09	OH	9 T/TA	13-Sep-10	INJECTOR9F593	T/ E
2009-10	2010-10	NJ	11 C/TA	11-Oct-10	INJECTOR9F593	C/FC
2009-08	2010-10	MI	13 C/TA	15-Oct-10	INJECTOR9F593	C/FC
2009-08	2010-10	IL	12 C/TA	15-Oct-10	INJECTOR9F593	C/FC
2009-08	2010-10	MI	13 C/TA	11-Oct-10	INJECTOR9F593	C/FC
2009-11	2010-09	TX	8 T/TA	29-Sep-10	INJECTOR9F593	T/ E
2009-09	2010-09	OH	12 C/TA	13-Sep-10	INJECTOR9F593	C/FC

2009-10	2010-09	NY	7	C/TA	23-Sep-10	INJECTOR 9F593	C/FC
2009-10	2010-09	NY	7	C/TA	23-Sep-10	INJECTOR 9F593	C/FC
2009-07	2010-09	MI	13	C/TA	7-Sep-10	INJECTOR 9F593	C/FC
2009-08	2010-08	KS	12	C/TA	17-Aug-10	INJECTOR 9F593	C/FC
2009-09	2010-07	MI	9	C/TA	28-Jul-10	INJECTOR 9F593	C/FC
2009-08	2010-08	MI	9	C/TA	9-Aug-10	INJECTOR 9F593	C/FC
2009-09	2010-08	OH	11	T/TA	9-Aug-10	INJECTOR 9F593	T/ E
2009-10	2010-06	MI	8	C/TA	29-Jun-10	INJECTOR 9F593	C/FC
2009-08	2010-07	MI	10	T/TA	12-Jul-10	INJECTOR 9F593	T/ E
2009-10	2010-06	TX	8	C/TA	15-Jun-10	INJECTOR 9F593	C/FC
2009-10	2010-05	NH	5	T/TA	#####	INJECTOR 9F593	T/ E
2009-09	2010-05	OH	8	T/TA	1-May-10	INJECTOR 9F593	T/ E
2009-09	2010-11	AB	13	C/TA	23-Nov-10	NO LE A 9E527	C/FC
2010-01	2010-10	BC	8	T/TA	5-Oct-10	BODY ASY 9E926	T/ E
2010-01	2010-07	MT	4	C/TA	1-Jul-10	SENSOR E 9F472	C/FC
2010-02	2010-12	PA	-1	C/TA	8-Dec-10	IRING A 12A581	C/FC
2009-10	2010-02	OH	1	C/TA	6-Feb-10	PROCESS 12A650	C/FC
2009-09	2009-10	VA	0	C/TA	5-Oct-09	TUBE ASY 9D280	C/FC
2009-11	2010-07	MI	4	T/TA	6-Jul-10	ELEMENT 9601	T/ E
2010-03	2010-11	MD	5	C/TA	1-Nov-10	CONVERT #####	C/FC
2009-07	2010-08	NJ	10	T/TA	4-Aug-10	CYLINDER 6009	T/ E
2010-01	2010-08	MI	7	C/TA	6-Aug-10	COMPANY LONLY	C/FC
2009-07	2010-10	NY	9	T/TA	21-Oct-10	KIT-C/SHT 6A257	T/ E
2009-12	2010-12	OK	10	T/TA	9-Dec-10	SPARK PL 12F	T/ E
2009-12	2010-12	OK	10	T/TA	9-Dec-10	SPARK PL 12F	T/ E
2009-12	2010-12	OK	10	T/TA	9-Dec-10	SPARK PL 12F	T/ E
2009-07	2010-09	MI	13	C/TA	7-Sep-10	SPARK PL 12F	C/FC
2009-11	2010-08	NY	4	C/TA	30-Aug-10	SPARK PL 12F	C/FC
2010-03	2010-08	MI	6	C/TA	27-Aug-10	SPARK PL 12F	C/FC
2010-01	2010-07	MI	6	T/TA	27-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-08	MA	10	T/TA	7-Aug-10	SPARK PL 12F	T/ E
2010-03	2010-08	MI	3	C/TA	3-Aug-10	SPARK PL 12F	C/FC
2009-11	2010-07	C	8	T/TA	22-Jul-10	SPARK PL 12F	T/ E
2010-04	2010-07	ON	3	C/TA	22-Jul-10	SPARK PL 12F	C/FC
2009-07	2010-07	IL	2	T/TA	1-Jul-10	SPARK PL 12F	T/ E
2009-09	2010-06	MI	10	C/TA	29-Jun-10	SPARK PL 12F	C/FC
2009-08	2010-05	MA	7	C/TA	#####	SPARK PL 12F	C/FC
2009-11	2010-05	C	3	T/TA	#####	SPARK PL 12F	T/ E
2009-07	2010-05	MD	10	T/TA	#####	SPARK PL 12F	T/ E
2009-07	2010-05	ON	6	T/TA	#####	SPARK PL 12F	T/ E
2009-07	2010-05	MI	8	C/TA	#####	SPARK PL 12F	C/FC
2009-06	2010-05	MI	10	T/TA	7-May-10	SPARK PL 12F	T/ E
2009-09	2010-04	MD	7	C/TA	30-Apr-10	SPARK PL 12F	C/FC
2009-10	2010-04	TX	6	C/TA	7-Apr-10	SPARK PL 12F	C/FC
2009-07	2009-12	CA	4	T/TA	19-Dec-09	SPARK PL 12F	T/ E
2009-09	2010-11	MI	14	C/TA	17-Nov-10		12 C/FC
2009-07	2010-11	CA	15	C/TA	1-Nov-10		12 C/FC
2010-01	2010-09	MI	8	T/TA	13-Sep-10		12 T/ E
2010-02	2010-09	ON	7	C/TA	16-Sep-10		12 C/FC
2009-10	2010-09	DE	11	C/TA	16-Sep-10		12 C/FC
2010-03	2010-09	MI	7	C/TA	3-Sep-10		12 C/FC



2009-12	2010-06	MI	7 T/TA	28-Jun-10 ENGINE A:	6006 T/ E
2009-12	2010-06	CA	4 T/TA	12-Jun-10 ENGINE A:	6006 T/ E
2009-12	2010-06	NY	4 T/TA	18-Jun-10 ENGINE A:	6006 T/ E
2009-09	2010-08	MI	5 C/TA	3-Aug-10 PISTON	6108 C/FC
2009-09	2010-06	IL	4 T/TA	14-Jun-10 PISTON	6108 T/ E
2009-09	2010-08	TX	9 C/TA	9-Aug-10 CONNECT	6200 C/FC
2009-08	2010-07	MI	10 C/TA	9-Jul-10 DIAGNOSI DIAG	C/FC
2010-04	2010-08	ON	5 C/TA	30-Aug-10 COIL ASY-	12029 C/FC
2010-01	2010-08	TX	4 T/TA	17-Aug-10 COIL ASY-	12029 T/ E
2009-08	2010-08	TX	6 C/TA	16-Aug-10 COIL ASY-	12029 C/FC
2009-09	2010-06	MA	8 C/TA	28-Jun-10 COIL ASY-	12029 C/FC
2009-10	2010-05	ON	1 C/TA	##### COIL ASY-	12029 C/FC
2010-01	2010-12	MI	7 C/TA	9-Dec-10 SPARK PL	12405 C/FC
2009-11	2010-12	CT	12 T/TA	8-Dec-10 SPARK PL	12405 T/ E
2009-08	2010-11	NY	14 T/TA	29-Nov-10 SPARK PL	12405 T/ E
2010-02	2010-11	FL	6 T/TA	22-Nov-10 SPARK PL	12405 T/ E
2010-01	2010-11	TN	9 T/TA	29-Nov-10 SPARK PL	12405 T/ E
2010-01	2010-10	NJ	5 T/TA	30-Oct-10 SPARK PL	12405 T/ E
2009-09	2010-11	CA	13 T/TA	4-Nov-10 SPARK PL	12405 T/ E
2009-08	2010-10	KS	5 C/TA	30-Oct-10 SPARK PL	12405 C/FC
2009-07	2010-10	MI	14 C/TA	28-Oct-10 SPARK PL	12405 C/FC
2009-09	2010-10	AB	13 T/TA	14-Oct-10 SPARK PL	12405 T/ E
2010-02	2010-10	NJ	7 T/TA	5-Oct-10 SPARK PL	12405 T/ E
2010-02	2010-10	NJ	7 T/TA	5-Oct-10 SPARK PL	12405 T/ E
2009-11	2010-09	NY	4 C/TA	28-Sep-10 SPARK PL	12405 C/FC
2009-09	2010-09	IN	12 C/TA	21-Sep-10 SPARK PL	12405 C/FC
2009-11	2010-09	AK	9 T/TA	30-Sep-10 SPARK PL	12405 T/ E
2009-11	2010-09	AK	9 T/TA	30-Sep-10 SPARK PL	12405 T/ E
2009-10	2010-09	SD	10 T/TA	7-Sep-10 SPARK PL	12405 T/ E
2010-01	2010-10	TX	9 T/TA	5-Oct-10 SPARK PL	12405 T/ E
2009-07	2010-09	ON	12 C/TA	13-Sep-10 SPARK PL	12405 C/FC
2009-07	2010-09	NB	13 C/TA	8-Sep-10 SPARK PL	12405 C/FC
2009-12	2010-08	MI	2 T/TA	31-Aug-10 SPARK PL	12405 T/ E
2009-10	2010-08	MI	10 C/TA	24-Aug-10 SPARK PL	12405 C/FC
2009-08	2010-08	NV	9 T/TA	2-Aug-10 SPARK PL	12405 T/ E
2009-10	2010-08	PA	10 T/TA	16-Aug-10 SPARK PL	12405 T/ E
2009-07	2010-07	MI	11 C/TA	27-Jul-10 SPARK PL	12405 C/FC
2009-10	2010-06	MI	7 T/TA	18-Jun-10 SPARK PL	12405 T/ E
2010-01	2010-07	MN	5 T/TA	12-Jul-10 SPARK PL	12405 T/ E
2010-01	2010-06	MD	4 T/TA	29-Jun-10 SPARK PL	12405 T/ E
2009-10	2010-07	ON	9 T/TA	2-Jul-10 SPARK PL	12405 T/ E
2009-12	2010-06	ON	5 C/TA	14-Jun-10 SPARK PL	12405 C/FC
2009-10	2010-06	I	6 C/TA	10-Jun-10 SPARK PL	12405 C/FC
2009-10	2010-06	I	6 C/TA	10-Jun-10 SPARK PL	12405 C/FC
2009-10	2010-06	ON	8 C/TA	8-Jun-10 SPARK PL	12405 C/FC
2010-01	2010-06	TX	4 T/TA	2-Jun-10 SPARK PL	12405 T/ E
2010-01	2010-06	MI	5 C/TA	7-Jun-10 SPARK PL	12405 C/FC
2009-11	2010-06	MI	7 T/TA	8-Jun-10 SPARK PL	12405 T/ E
2009-09	2010-03	MI	6 C/TA	19-Mar-10 SPARK PL	12405 C/FC
2009-07	2010-11	FL	14 C/TA	15-Nov-10 INJECTOR 9F593	C/FC
2009-11	2010-11	MN	10 T/TA	4-Nov-10 INJECTOR 9F593	T/ E

2009-08	2010-11	IA	3	C/TA	4-Nov-10	INJECTOR9F593	C/FC
2009-10	2010-10	MT	12	C/TA	28-Oct-10	INJECTOR9F593	C/FC
2009-10	2010-10	MT	12	C/TA	28-Oct-10	INJECTOR9F593	C/FC
2009-08	2010-10	OH	11	C/TA	13-Oct-10	INJECTOR9F593	C/FC
2009-08	2010-10	IL	12	C/TA	15-Oct-10	INJECTOR9F593	C/FC
2010-01	2010-08	CA	6	C/TA	10-Aug-10	INJECTOR9F593	C/FC
2009-08	2010-08	TX	10	C/TA	27-Aug-10	INJECTOR9F593	C/FC
2009-10	2010-08	MA	10	C/TA	17-Aug-10	INJECTOR9F593	C/FC
2009-10	2010-08	NY	10	C/TA	16-Aug-10	INJECTOR9F593	C/FC
2009-10	2010-07	NJ	6	C/TA	26-Jul-10	INJECTOR9F593	C/FC
2009-08	2010-07	CA	6	C/TA	13-Jul-10	INJECTOR9F593	C/FC
2009-08	2010-05	KS	9	C/TA	#####	INJECTOR9F593	C/FC
2009-09	2010-05	OH	8	T/TA	1-May-10	INJECTOR9F593	T/ E
2009-10	2010-06	MI	4	T/TA	22-Jun-10	SENSOR /9G444	T/ E
2009-12	2010-12	MI	12	T/TA	6-Dec-10	SENSOR E9F472	T/ E
2010-01	2010-06	MD	0	C/TA	15-Jun-10	SENSOR E9F472	C/FC
2009-06	2010-01	MI	5	C/TA	15-Jan-10	SENSOR E9F472	C/FC
2009-09	2010-11	KS	15	C/TA	26-Nov-10	PROCESS 12A650	C/FC
2009-09	2010-11	KS	15	C/TA	26-Nov-10	PROCESS 12A650	C/FC
2009-09	2010-03	MI	6	C/TA	3-Mar-10	PROCESS 12A650	C/FC
2009-07	2010-05	AB	0	T/TA	#####	ECC PROC(RECAL	T/ E
2010-03	2010-11	MD	5	C/TA	1-Nov-10	CONVERT #####	C/FC
2010-03	2010-11	MD	5	C/TA	1-Nov-10	CONVERT #####	C/FC
2010-02	2010-08	NY	6	C/TA	23-Aug-10	CYLINDER 6009	C/FC
2009-12	2010-12	OK	10	T/TA	9-Dec-10	SPARK PL 12F	T/ E
2009-07	2010-09	MI	13	C/TA	7-Sep-10	SPARK PL 12F	C/FC
2010-03	2010-08	TX	4	T/TA	20-Aug-10	SPARK PL 12F	T/ E
2009-09	2010-08	OH	11	T/TA	6-Aug-10	SPARK PL 12F	T/ E
2009-09	2010-07	A	6	T/TA	26-Jul-10	SPARK PL 12F	T/ E
2009-08	2010-06	PA	9	T/TA	29-Jun-10	SPARK PL 12F	T/ E
2010-01	2010-07	C	5	T/TA	5-Jul-10	SPARK PL 12F	T/ E
2009-11	2010-06	LA	5	T/TA	21-Jun-10	SPARK PL 12F	T/ E
2009-10	2010-04	A	4	C/TA	16-Apr-10	SPARK PL 12F	C/FC
2009-11	2010-11	NV	5	T/TA	8-Nov-10		12 T/ E
2010-02	2010-09	ON	7	C/TA	16-Sep-10		12 C/FC
2010-01	2010-09	OH	7	T/TA	16-Sep-10		12 T/ E
2010-09	2010-11	OH	2	C/TA	9-Nov-10	INJECTOR9F593	C/FC
2010-07	2010-08	OH	1	C/TA	28-Aug-10	INJECTOR9F593	C/FC
2010-06	2010-11	NM	-1	T/TA	8-Nov-10	PROCESS 12A650	T/ E
2010-07	2010-09	A	1	C/TA	14-Sep-10		12 C/FC
2010-05	2010-09	IL	3	C/TA	10-Sep-10	COIL ASY- 12029	C/FC
2010-07	2010-08	OH	1	C/TA	28-Aug-10	INJECTOR9F593	C/FC
2010-06	2010-09	A	-1	C/TA	15-Sep-10		12 C/FC
2010-07	2010-10	V	3	T/TA	26-Oct-10	SPARK PL 12405	T/ E
2010-06	2010-11	NM	-1	T/TA	8-Nov-10	PROCESS 12A650	T/ E
2010-07	2010-10	V	3	T/TA	26-Oct-10	SPARK PL 12405	T/ E
2010-07	2010-09	NY	2	T/TA	20-Sep-10	SPARK PL 12405	T/ E

302 2 NA] CYLINDER 3 MISFIRE DETECTED[P0303 2 NA] CYLINDER 4 MISFIRE DETECTED[P030  
 e Filters =Up to current cuto date

Drive Type	Assembly	Warranty	Sell Dealer	CC	VIN	Claim Key	Vehicle Lin	Vehicle Lin
T/F	AS	30-Dec-09	354015	1A03	2LMHJ5AT	1143276	P4	T/P4
T/F	AS	3-Dec-09	174009	1A03	2FMHK6D	1150658	P3	T/P3
T/F	AS	17-Nov-09	144090	1A03	2FMHK6D	1036684	P3	T/P3
T/F	AS		171179	1A03	2FMHK6C	983885	P3	T/P3
T/F	AS	21-Dec-09	38404	1A03	2LMHJ5AT	950012	P4	T/P4
C/E	AD	#####	111050	1A03	1FAHP2KT	1180153	PG	C/PH
C/E	AD	#####	111050	1A03	1FAHP2KT	1180153	PG	C/PH
T/F	AS	26-Oct-09	113042	1A03	2FMHK6D	411891	P3	T/P3
C/E	AD	1-Mar-10	123368	1.00E 03	1FAHP2KT	1210117	PG	C/PH
C/E	AD	10-Aug-10	4A7069	2G03	1FAHP2KT	1589690	PG	C/PH
C/E	AD	10-Aug-10	4A7069	2G03	1FAHP2KT	1589690	PG	C/PH
T/F	AS	#####	153116	2B02	2FMHK6D	1277789	P3	T/P3
T/F	AS	#####	153116	2B02	2FMHK6D	1277789	P3	T/P3
T/F	AS	10-Feb-10	152007	2B02	2FMHK6D	543097	P3	T/P3
C/E	AD		4B2577	2B03	1LNHL9FT	1533569	LE	C/LE
T/F	AS	#####	124494	2B03	2FMHK6C	1472072	P3	T/P3
T/F	AS	4-Jun-10	345078	2B03	2LMHJ5AT	1499148	P4	T/P4
T/F	AS	16-Mar-10	121201	2B03	2FMHK6D	1453145	P3	T/P3
C/E	AD	13-Feb-10	121441	2B03	1FAHP2KT	1462453	PG	C/PH
C/E	AD	19-Mar-10	152462	2B03	1FAHP2KT	1415267	PG	C/PH
T/F	AS	4-Aug-10	315206	2B03	2LMHJ5AT	1407369	P4	T/P4
C/E	AD	10-Sep-09	4B299M	2B03	1FAHP2KT	1359901	PG	C/PH
C/E	AD	28-Oct-09	158005	2B03	1FAHP2KT	1319564	PG	C/PH
C/E	AD	24-Dec-09	342652	2B03	1LNHL9FT	1292524	LE	C/LE
C/E	AD	4-Mar-10	121614	2B03	1FAHP2KT	1289266	PG	C/PH
C/E	AD	1-Mar-10	124207	2B03	1FAHP2KT	1286332	PG	C/PH
C/E	AD	15-Mar-10	121013	2B03	1FAHP2KT	1285542	PG	C/PH
T/F	AS	21-Nov-09	322664	2B03	2LMHJ5AT	1230986	P4	T/P4
C/E	AD	#####	345070	2B03	1LNHL9FT	1211421	LE	C/LE
C/E	AD	30-Oct-09	4B8425	2B03	1LNHL9FT	1226972	LE	C/LE
T/F	AS	4-Nov-09	4B199J	2B03	2FMHK6D	1191198	P3	T/P3
T/F	AS	30-Mar-10	345069	2B03	2LMHJ5AT	1129208	P4	T/P4
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
C/E	AD	22-Jan-10	152018	2B03	1FAHP2KT	1044878	PG	C/PH
C/E	AD	9-Mar-10	171167	2B03	1FAHP2KT	790672	PG	C/PH
C/E	AD	9-Mar-10	171167	2B03	1FAHP2KT	790672	PG	C/PH
T/F	AS	29-Dec-09	148027	2B03	2FMHK6C	748468	P3	T/P3
C/E	AD	8-Apr-10	345125	2B03	1LNHL9FT	728300	LE	C/LE
C/E	AD	30-Dec-09	158442	2B03	1FAHP2KT	634928	PG	C/PH
C/E	AD	31-Dec-09	121440	2B03	1FAHP2KT	617545	PG	C/PH
C/E	AD	1-Oct-09	342317	2B03	1LNHL9FT	433193	LE	C/LE
C/E	AD	13-Oct-09	141401	2.00E 03	1FAHP2KT	1498918	PG	C/PH
C/E	AD	13-Oct-09	141401	2.00E 03	1FAHP2KT	1498918	PG	C/PH
T/F	AS	15-Oct-09	345080	2.00E 03	2LMHJ5AT	1411040	P4	T/P4
C/E	AD	3-Mar-10	121153	2.00E 03	1FAHP2KT	1394398	PG	C/PH
C/E	AD	11-Jan-10	153010	2.00E 03	1FAHP2KT	1325212	PG	C/PH
C/E	AD	22-Jan-10	312235	2.00E 03	1LNHL9FT	1333797	LE	C/LE

C/E	AD	9-Dec-09	113470	2.00E	03	1FAHP2KT	1307066	PG	C/PH
C/E	AD	25-Feb-10	345069	2.00E	03	1LNHL9FT	1174097	LE	C/LE
C/E	AD	17-Nov-09	345356	2.00E	03	1LNHL9FT	1200163	LE	C/LE
C/E	AD	9-Nov-09	111067	2.00E	03	1FAHP2KT	1039620	PG	C/PH
T/F	AS	29-Mar-10	345125	2.00E	03	2LMHJ5AT	1012175	P4	T/P4
C/E	AD	30-Jan-10	113584	2.00E	03	1FAHP2KT	990753	PG	C/PH
C/E	AD	5-Dec-09	148439	2.00E	03	1FAHP2KT	938978	PG	C/PH
C/E	AD	5-Dec-09	148439	2.00E	03	1FAHP2KT	938978	PG	C/PH
C/E	AD	7-Oct-09	345046	2.00E	03	1LNHL9FT	969414	LE	C/LE
C/E	AD	28-Sep-09	18428J	2.00E	03	1FAHP2KT	913170	PG	C/PH
C/E	AD	17-Sep-09	148039	2.00E	03	1FAHP2KT	893190	PG	C/PH
T/F	AS	7-Feb-10	171096	2.00E	03	2FMHK6D	892397	P3	T/P3
C/E	AD	3-Oct-09	153052	2.00E	03	1FAHP2KT	790055	PG	C/PH
C/E	AD	8-Aug-09	152016	2.00E	03	1FAHP2KT	736385	PG	C/PH
C/E	AD	15-Sep-09	153009	2.00E	03	1FAHP2KT	503202	PG	C/PH
T/F	AS	6-May-10	174011	2.00E	03	2FMHK6D	598941	P3	T/P3
T/F	AS	4-Jun-10	345078	2G02		2LMHJ5AT	1499149	P4	T/P4
T/F	AS	9-Sep-09	4B8134	2G02		2FMHK6D	133865	P3	T/P3
T/F	AS	29-Oct-09	345181	2G02		2LMHJ5AT	107912	P4	T/P4
C/E	AD	2-Oct-09	144513	2G05		1FAHP2KT	553749	PG	C/PH
T/F	AS	17-Feb-10	314561	1C04		2LMHJ5AT	1319896	P4	T/P4
C/E	AD	26-Apr-10	4B1342	2B03		1FAHP2KT	1152824	PG	C/PH
C/E	AD	31-Aug-09	148004	2B03		1FAHP2KT	1107219	PG	C/PH
T/F	AS	18-Mar-10	314539	2B03		2LMHJ5AT	1087610	P4	T/P4
T/F	AS	21-Oct-09	152638	2B03		2FMHK6D	1024737	P3	T/P3
T/F	AS	17-Feb-10	113010	2B03		2FMHK6D	962733	P3	T/P3
C/E	AD	#####	148048	2B03		1FAHP2KT	889789	PG	C/PH
C/E	AD	#####	4B1091	2B03		1LNHL9FT	871070	LE	C/LE
C/E	AD	19-Oct-09	38416K	2B03		1LNHL9FT	754338	LE	C/LE
C/E	AD	22-Dec-09	345335	2B03		1LNHL9FT	739617	LE	C/LE
T/F	AS	17-Feb-10	123203	2B03		2FMHK6C	652226	P3	T/P3
T/F	AS	4-Jan-10	148017	2B03		2FMHK6D	554981	P3	T/P3
C/E	AD	23-Dec-09	314402	2B03		1LNHL9FT	525439	LE	C/LE
C/E	AD	23-Dec-09	314402	2B03		1LNHL9FT	525439	LE	C/LE
T/F	AS	19-Mar-10	4B2425	2B03		2LMHJ5AT	462817	P4	T/P4
C/E	AD	21-Oct-09	124475	2B03		1FAHP2KT	308018	PG	C/PH
T/F	AS	1-Apr-10	116405	2B03		2FMHK6C	136174	P3	T/P3
C/E	AD	12-Feb-10	121204	2B03		1FAHP2KT	410917	PG	C/PH
C/E	AD	27-Sep-09	18404J	2B03		1FAHP2KT	1441587	PG	C/PH
C/E	AD	3-Sep-09	18401J	2B03		1FAHP2KT	1174809	PG	C/PH
T/F	AS	23-Mar-10	4B1712	1A03		2LMHJ5AT	1334793	P4	T/P4
T/F	AS	18-Dec-09	355283	1A03		2LMHJ5AT	1277301	P4	T/P4
T/F	AS	#####	314474	1A03		2LMHJ5AT	1211525	P4	T/P4
T/F	AS	26-Apr-10	314403	1A03		2LMHJ5AT	1129412	P4	T/P4
T/F	AS	3-Dec-09	174009	1A03		2FMHK6D	1150658	P3	T/P3
T/F	AS	30-Sep-09	113096	1A03		2FMHK6D	1104302	P3	T/P3
T/F	AS	17-Nov-09	144090	1A03		2FMHK6D	1036684	P3	T/P3
T/F	AS	12-Mar-10	363119	1A03		2LMHJ5AT	1010990	P4	T/P4
C/E	AD	30-Mar-10	314279	1A03		1LNHL9FT	1025589	LE	C/LE
T/F	AS	9-Dec-09	346170	1A03		2LMHJ5AT	935056	P4	T/P4
T/F	AS	9-Dec-09	346170	1A03		2LMHJ5AT	935056	P4	T/P4

T/F	AS	28-Jan-10	312013	1A03	2LMHJ5AT	980640	P4	T/P4
T/F	AS	24-Nov-09	315206	1A03	2LMHJ5AT	956653	P4	T/P4
T/F	AS	24-Nov-09	315206	1A03	2LMHJ5AT	956653	P4	T/P4
T/F	AS	24-Nov-09	315206	1A03	2LMHJ5AT	956653	P4	T/P4
C/E	AD	12-Nov-10	174494	2G04	1FAHP2KT	1121620	PG	C/PH
C/E	AD	4-Nov-09	141056	1D02	1FAHP2KT	1198718	PG	C/PH
T/F	AS	20-Jan-10	113154	2B02	2FMHK6D	1273509	P3	T/P3
C/E	AD	21-Oct-09	148050	2B02	1FAHP2KT	1017875	PG	C/PH
C/E	AD	30-Jan-10	314476	2B02	1LNHL9FT	753147	LE	C/LE
T/F	AS	23-Oct-09	148028	2B02	2FMHK6D	790138	P3	T/P3
C/E	AD	26-Dec-09	152587	2B02	1FAHP2KT	815436	PG	C/PH
T/F	AS	31-Dec-09	4A1096	2B02	2LMHJ5AT	699341	P4	T/P4
C/E	AD	21-Aug-09	363197	2B02	1LNHL9FT	443438	LE	C/LE
C/E	AD	2-Jan-10	141202	2B02	1FAHP2KT	259796	PG	C/PH
C/E	AD	31-Mar-10	141075	2B02	1FAHP2KT	204432	PG	C/PH
T/F	AS	30-Jun-10	141082	2B03	2FMHK6C	1600779	P3	T/P3
C/E	AD	9-Jan-10	123052	2B03	1FAHP2KT	1577939	PG	C/PH
T/F	AS	16-Sep-09	4B7183	2B03	2FMHK6D	1400255	P3	T/P3
T/F	AS	18-Oct-09	171043	2B03	2FMHK6D	1407438	P3	T/P3
C/E	AD	31-Jan-10	314453	2B03	1LNHL9FT	1378023	LE	C/LE
C/E	AD	22-Sep-09	18403J	2B03	1FAHP2KT	1337649	PG	C/PH
T/F	AS	17-Sep-10	121751	2B03	2FMHK6C	1329651	P3	T/P3
T/F	AS	17-Sep-10	121751	2B03	2FMHK6C	1329651	P3	T/P3
C/E	AD	30-Oct-09	111075	2B03	1FAHP2KT	1266397	PG	C/PH
T/F	AS	18-Dec-09	315306	2B03	2LMHJ5AT	1228625	P4	T/P4
C/E	AD	4-Jan-10	127030	2B03	1FAHP2KT	1228142	PG	C/PH
C/E	AD	31-Mar-10	153559	2B03	1FAHP2KT	1249462	PG	C/PH
C/E	AD	28-Sep-09	141093	2B03	1FAHP2KT	1249329	PG	C/PH
T/F	AS	14-Apr-10	121015	2B03	2FMHK6D	1240739	P3	T/P3
T/F	AS	26-Oct-09	148044	2B03	2FMHK6D	1143054	P3	T/P3
T/F	AS	23-Dec-09	343140	2B03	2LMHJ5AT	1100457	P4	T/P4
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
T/F	AS	31-Dec-09	314556	2B03	2LMHJ5AT	1063861	P4	T/P4
T/F	AS	26-Oct-09	148040	2B03	2FMHK6D	1057541	P3	T/P3
C/E	AD	24-Sep-09	367021	2B03	1LNHL9FT	1081013	LE	C/LE
C/E	AD	30-Oct-09	148032	2B03	1FAHP2KT	1000250	PG	C/PH
T/F	AS	31-Oct-09	116029	2B03	2FMHK6D	955684	P3	T/P3
C/E	AD	22-Oct-09	152581	2B03	1FAHP2KT	968626	PG	C/PH
T/F	AS	13-Feb-10	158505	2B03	2FMHK6D	762810	P3	T/P3
T/F	AS	2-Feb-10	148048	2B03	2FMHK6D	778236	P3	T/P3
C/E	AD	9-Mar-10	171167	2B03	1FAHP2KT	790672	PG	C/PH
T/F	AS	29-Dec-09	148027	2B03	2FMHK6C	748468	P3	T/P3
C/E	AD	30-Dec-09	158442	2B03	1FAHP2KT	634928	PG	C/PH
C/E	AD	1-Oct-09	342317	2B03	1LNHL9FT	433193	LE	C/LE
C/E	AD	2-Jan-10	345335	2B03	1LNHL9FT	383003	LE	C/LE
C/E	AD	9-Oct-09	4B4091	2B03	1FAHP2KT	210917	PG	C/PH
C/E	AD	3-Mar-10	121153	2.00E 03	1FAHP2KT	1394398	PG	C/PH
C/E	AD	12-Nov-09	156225	2.00E 03	1FAHP2KT	1242221	PG	C/PH
C/E	AD	10-Dec-09	174542	2.00E 03	1FAHP2KT	1173546	PG	C/PH
C/E	AD	15-Mar-10	357071	2.00E 03	1LNHL9FT	1158743	LE	C/LE

C/E	AD	5-Mar-10	314541	2.00E	03	1LNHL9FT	1168817	LE	C/LE
C/E	AD	15-Sep-09	153009	2.00E	03	1FAHP2KT	1085696	PG	C/PH
T/F	AS	9-Nov-09	158011	2.00E	03	2FMHK6D <sup>-</sup>	922468	P3	T/P3
T/F	AS	10-Mar-10	147097	2.00E	03	2FMHK6C <sup>-</sup>	851335	P3	T/P3
C/E	AD	15-Mar-10	357071	2.00E	03	1LNHL9FT	800484	LE	C/LE
C/E	AD	8-Aug-09	152016	2.00E	03	1FAHP2KT	736385	PG	C/PH
C/E	AD	15-Sep-09	153009	2.00E	03	1FAHP2KT	503202	PG	C/PH
T/F	AS	30-Oct-09	113098	2.00E	03	2FMHK6D <sup>-</sup>	429587	P3	T/P3
C/E	AD	19-Nov-09	4A6792	2.00E	03	1LNHL9FT	1518134	LE	C/LE
T/F	AS	4-Jan-10	345335	2G02		2LMHJ5AT	1351420	P4	T/P4
C/E	AD	22-Jan-10	4B3352	2.00E	03	1FAHP2KT	137752	PG	C/PH
C/E	AD	18-Nov-09	141487	7H10		1FAHP2KT	242359	PG	C/PH
C/E	AD	20-Oct-09	148426	7S02		1FAHP2KT	1017157	PG	C/PH
T/F	AS	7-Dec-09	328423	1A03		2LMHJ5AT	455237	P4	T/P4
C/E	AD	19-Apr-10	116510	2B03		1FAHP2KT	992857	PG	C/PH
T/F	AS	25-Jan-10	116414	2B03		2FMHK6D <sup>-</sup>	975036	P3	T/P3
C/E	AD	10-Nov-09	141066	2B03		1FAHP2KT	972193	PG	C/PH
T/F	AS	5-Feb-10	148044	2B03		2FMHK6C <sup>-</sup>	880962	P3	T/P3
T/F	AS	#####	342374	2B03		2LMHJ5AT	823279	P4	T/P4
C/E	AD	19-Sep-09	18474J	2B03		1FAHP2KT	754314	PG	C/PH
T/F	AS	20-Nov-09	315155	2B03		2LMHJ5AT	762062	P4	T/P4
C/E	AD	11-Nov-09	111070	2B03		1FAHP2KT	580315	PG	C/PH
T/F	AS	22-Mar-10	314031	2B03		2LMHJ5AT	436832	P4	T/P4
T/F	AS	1-Apr-10	116405	2B03		2FMHK6C <sup>-</sup>	136174	P3	T/P3
T/F	AS	9-Feb-10	38404M	2B03		2LMHJ5AT	1136177	P4	T/P4
T/F	AS	1-Jun-10	314017	2B03		2LMHJ5AT	1129580	P4	T/P4
T/F	AS	13-Mar-10	147213	2B03		2FMHK6D <sup>-</sup>	1155283	P3	T/P3
C/E	AD	17-Mar-10	357244	2B03		1LNHL9FT	1151236	LE	C/LE
C/E	AD	12-Nov-09	116537	2B03		1FAHP2KT	1102847	PG	C/PH
T/F	AS	3-Dec-09	174009	1A03		2FMHK6D <sup>-</sup>	1150658	P3	T/P3
T/F	AS	12-Mar-10	363119	1A03		2LMHJ5AT	1010990	P4	T/P4
C/E	AD	30-Mar-10	314279	1A03		1LNHL9FT	1025589	LE	C/LE
T/F	AS	21-Dec-09	38404	1A03		2LMHJ5AT	950012	P4	T/P4
T/F	AS	18-Feb-10	172036	1A03		2FMHK6C <sup>-</sup>	901240	P3	T/P3
T/F	AS	1-Mar-10	314175	1A03		2LMHJ5AT	787183	P4	T/P4
T/F	AS	18-Dec-09	315306	1A03		2LMHJ5AT	1083742	P4	T/P4
C/E	AD	26-Apr-10	4B3296	1.00E	02	1LNHL9FT	1124190	LE	C/LE
C/E	AD	12-Nov-10	174494	2G04		1FAHP2KT	1121620	PG	C/PH
T/F	AS	12-Dec-09	342538	2G04		2LMHJ5AT	1024508	P4	T/P4
T/F	AS	20-Jan-10	113154	2B02		2FMHK6D <sup>-</sup>	1273509	P3	T/P3
C/E	AD	21-Oct-09	314455	2B02		1LNHL9FT	1200182	LE	C/LE
C/E	AD	16-Nov-09	174616	2B02		1FAHP2KT	1087091	PG	C/PH
C/E	AD	10-Mar-10	148028	2B02		1FAHP2KT	865913	PG	C/PH
C/E	AD	26-Sep-09	174408	2B02		1FAHP2KT	845221	PG	C/PH
T/F	AS	14-Jan-10	127030	2B02		2FMHK6D <sup>-</sup>	419191	P3	T/P3
C/E	AD	1-Feb-10	328423	2B02		1LNHL9FT	171090	LE	C/LE
C/E	AD	22-Mar-10	314541	2B03		1LNHL9FT	1594806	LE	C/LE
C/E	AD	20-Nov-09	345070	2B03		1LNHL9FT	1566873	LE	C/LE
T/F	AS	24-Dec-09	174541	2B03		2FMHK6D <sup>-</sup>	1423451	P3	T/P3
T/F	AS	21-Nov-09	171093	2B03		2FMHK6D <sup>-</sup>	1403215	P3	T/P3
C/E	AD	17-Sep-10	153020	2B03		1FAHP2KT	1301656	PG	C/PH

T/F	AS	24-Oct-09	172402	2B03	2FMHK6D	1338499	P3	T/P3
C/E	AD	#####	4B2369	2B03	1FAHP2KT	1268517	PG	C/PH
T/F	AS	18-Dec-09	355283	2B03	2LMHJ5AT	1277302	P4	T/P4
C/E	AD	23-Mar-10	141202	2B03	1FAHP2KT	1289376	PG	C/PH
C/E	AD	23-Mar-10	141202	2B03	1FAHP2KT	1289376	PG	C/PH
C/E	AD	23-Oct-09	148044	2B03	1FAHP2KT	1263901	PG	C/PH
C/E	AD	15-Mar-10	121013	2B03	1FAHP2KT	1285542	PG	C/PH
T/F	AS	8-May-10	342425	2B03	2LMHJ5AT	1211384	P4	T/P4
C/E	AD	27-Feb-10	318221	2B03	1LNHL9FT	1238474	LE	C/LE
C/E	AD	12-Mar-10	141585	2B03	1FAHP2KT	1235408	PG	C/PH
T/F	AS	11-Mar-10	113468	2B03	2FMHK6D	1200537	P3	T/P3
T/F	AS	30-Nov-09	343465	2B03	2LMHJ5AT	1199078	P4	T/P4
T/F	AS	26-Oct-09	148044	2B03	2FMHK6D	1143054	P3	T/P3
C/E	AD	#####	111050	2B03	1FAHP2KT	1167488	PG	C/PH
T/F	AS	17-Feb-10	315300	2B03	2LMHJ5AT	1083364	P4	T/P4
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
T/F	AS	26-Oct-09	148040	2B03	2FMHK6D	1057541	P3	T/P3
C/E	AD	#####	111050	2B03	1FAHP2KT	995977	PG	C/PH
T/F	AS	30-Nov-09	345345	2B03	2LMHJ5AT	950281	P4	T/P4
C/E	AD	14-Jan-10	148027	2B03	1FAHP2KT	887096	PG	C/PH
C/E	AD	11-Dec-09	171168	2B03	1FAHP2KT	849238	PG	C/PH
C/E	AD	5-Jan-10	124489	2B03	1FAHP2KT	872047	PG	C/PH
C/E	AD	2-Feb-10	152032	2B03	1FAHP2KT	796476	PG	C/PH
T/F	AS	24-Nov-09	345041	2B03	2LMHJ5AT	581339	P4	T/P4
C/E	AD	25-Mar-10	4B8046	2B03	1FAHP2KT	463236	PG	C/PH
C/E	AD	21-Aug-09	121660	2B03	1FAHP2KT	249037	PG	C/PH
T/F	AS	23-Oct-09	116511	2B03	2FMHK6D	143698	P3	T/P3
T/F	AS	30-Sep-09	172026	2.00E 03	2FMHK6D	1609024	P3	T/P3
C/E	AD	13-Oct-09	141401	2.00E 03	1FAHP2KT	1498918	PG	C/PH
T/F	AS	12-Dec-09	18488J	2.00E 03	2FMHK6C	1486201	P3	T/P3
C/E	AD	28-Oct-09	148004	2.00E 03	1FAHP2KT	1449023	PG	C/PH
C/E	AD	8-Oct-09	124009	2.00E 03	1FAHP2KT	1440034	PG	C/PH
T/F	AS	21-Sep-09	113143	2.00E 03	2FMHK6D	1390919	P3	T/P3
T/F	AS	27-Feb-10	127051	2.00E 03	2FMHK6C	1279042	P3	T/P3
C/E	AD	16-Dec-09	141030	2.00E 03	1FAHP2KT	1147344	PG	C/PH
C/E	AD	26-Sep-09	174408	2.00E 03	1FAHP2KT	941605	PG	C/PH
C/E	AD	5-Dec-09	148439	2.00E 03	1FAHP2KT	938978	PG	C/PH
C/E	AD	23-Dec-09	127050	2.00E 03	1FAHP2KT	982021	PG	C/PH
T/F	AS	13-Oct-09	144095	2.00E 03	2FMHK6D	946293	P3	T/P3
T/F	AS	10-Mar-10	147097	2.00E 03	2FMHK6C	851335	P3	T/P3
C/E	AD	2-Oct-09	144513	2.00E 03	1FAHP2KT	805289	PG	C/PH
C/E	AD	8-Aug-09	152016	2.00E 03	1FAHP2KT	736385	PG	C/PH
T/F	AS	18-Jan-10	111545	2.00E 03	2FMHK6D	535269	P3	T/P3
T/F	AS	16-Nov-09	148039	2.00E 03	2FMHK6D	520065	P3	T/P3
C/E	AD	14-Mar-10	147014	2G02	1FAHP2KT	298778	PG	C/PH
T/F	AS	16-Mar-10	345125	2.00E 03	2LMHJ5AT	1232256	P4	T/P4
C/E	AD	22-Jan-10	4B3352	2.00E 03	1FAHP2KT	137752	PG	C/PH
C/E	AD	18-Nov-09	141487	7H10	1FAHP2KT	242359	PG	C/PH
T/F	AS	31-Oct-09	113143	1A03	2FMHK6D	1027639	P3	T/P3
T/F	AS	25-Sep-09	38403J	6Y20	2LMHJ5AT	493064	P4	T/P4

C/E	AD	4-Mar-10	312285	2B03	1LNHL9FT	1017746	LE	C/LE
T/F	AS	28-Oct-09	111460	2B03	2FMHK6D	928284	P3	T/P3
C/E	AD	8-Dec-09	152096	2B03	1FAHP2KT	920405	PG	C/PH
C/E	AD	#####	148048	2B03	1FAHP2KT	889789	PG	C/PH
T/F	AS	14-Oct-09	144443	2B03	2FMHK6D	836321	P3	T/P3
T/F	AS	8-Dec-09	4B2515	2B03	2FMHK6D	863517	P3	T/P3
C/E	AD	31-Mar-10	345286	2B03	1LNHL9FT	846473	LE	C/LE
T/F	AS	4-Jan-10	148017	2B03	2FMHK6D	554981	P3	T/P3
C/E	AD	24-Oct-09	127047	2B03	1FAHP2KT	407416	PG	C/PH
C/E	AD	17-Oct-09	123020	2B03	1FAHP2KT	247129	PG	C/PH
C/E	AD	31-Mar-10	4B6272	2B03	1FAHP2KT	229114	PG	C/PH
C/E	AD	12-Feb-10	121204	2B03	1FAHP2KT	410917	PG	C/PH
T/F	AS	9-Dec-09	314175	2B03	2LMHJ5AT	1510057	P4	T/P4
T/F	AS	30-Jun-10	171167	2B03	2FMHK6D	1500041	P3	T/P3
T/F	AS	25-Jan-10	342527	2B03	2LMHJ5AT	1333758	P4	T/P4
C/E	AD	4-Mar-10	18477J	2B03	1FAHP2KT	1066873	PG	C/PH
C/E	AD	4-Dec-09	127045	1A03	1FAHP2KT	1176307	PG	C/PH
T/F	AS	12-Oct-09	345274	1A03	2LMHJ5AT	1009100	P4	T/P4
C/E	AD	16-Sep-09	18407M	1A03	1FAHP2KT	1019765	PG	C/PH
T/F	AS	9-Dec-09	346170	1A03	2LMHJ5AT	935056	P4	T/P4
T/F	AS	28-Jan-10	312013	1A03	2LMHJ5AT	980640	P4	T/P4
T/F	AS	28-Jan-10	312013	1A03	2LMHJ5AT	980640	P4	T/P4
C/E	AD	17-Mar-10	127021	2.00E 03	1FAHP2KT	1214173	PG	C/PH
T/F	AS	20-Jan-10	141058	2G04	2FMHK6C	1269914	P3	T/P3
T/F	AS	19-Oct-09	345335	2B02	2LMHJ5AT	1311397	P4	T/P4
T/F	AS	20-Jan-10	113154	2B02	2FMHK6D	1273509	P3	T/P3
T/F	AS	8-Apr-10	113460	2B02	2FMHK6D	1135774	P3	T/P3
C/E	AD	16-Nov-09	111027	2B02	1FAHP2KT	1155910	PG	C/PH
C/E	AD	15-Feb-10	314422	2B02	1LNHL9FT	908040	LE	C/LE
C/E	AD	15-Feb-10	314422	2B02	1LNHL9FT	908040	LE	C/LE
T/F	AS	28-Dec-09	158014	2B02	2FMHK6D	707465	P3	T/P3
C/E	AD	24-Feb-10	318221	2B02	1LNHL9FT	417454	LE	C/LE
C/E	AD	6-Jan-10	121707	2B02	1FAHP2KT	337344	PG	C/PH
C/E	AD	9-Feb-10	152768	2B02	1FAHP2KT	227554	PG	C/PH
C/E	AD	9-Jan-10	123052	2B03	1FAHP2KT	1577939	PG	C/PH
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
C/E	AD		4B2577	2B03	1LNHL9FT	1533569	LE	C/LE
T/F	AS	21-Nov-09	171093	2B03	2FMHK6D	1403215	P3	T/P3
C/E	AD	19-Mar-10	152462	2B03	1FAHP2KT	1415267	PG	C/PH
T/F	AS	15-Feb-10	171153	2B03	2FMHK6D	1363665	P3	T/P3
C/E	AD	22-Sep-09	18403J	2B03	1FAHP2KT	1337649	PG	C/PH
T/F	AS	13-Oct-09	4A6040	2B03	2FMHK6D	1334633	P3	T/P3
C/E	AD	24-Sep-09	4B696	2B03	1FAHP2KT	1275061	PG	C/PH
C/E	AD	24-Sep-09	4B696	2B03	1FAHP2KT	1275061	PG	C/PH
C/E	AD	1-Feb-10	345125	2B03	1LNHL9FT	1288983	LE	C/LE
C/E	AD	2-Oct-09	18445J	2B03	1FAHP2KT	1218653	PG	C/PH
C/E	AD	14-Apr-10	153104	2B03	1FAHP2KT	1244517	PG	C/PH
C/E	AD	14-Apr-10	153104	2B03	1FAHP2KT	1244517	PG	C/PH
T/F	AS	17-Apr-10	124456	2B03	2FMHK6D	1250211	P3	T/P3
T/F	AS	19-Jan-10	174548	2B03	2FMHK6C	1170689	P3	T/P3
T/F	AS	24-Oct-09	367136	2B03	2LMHJ5AT	1192952	P4	T/P4



T/F	AS	26-Oct-09	148044	2B03	2FMHK6D	1143054	P3	T/P3
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
C/E	AD	#####	141443	2B03	1FAHP2KT	1044660	PG	C/PH
T/F	AS	26-Apr-10	325062	2B03	2LMHJ5AT	937956	P4	T/P4
T/F	AS	1-Mar-10	345335	2B03	2LMHJ5AT	983263	P4	T/P4
T/F	AS	23-Nov-09	314324	2B03	2LMHJ5AT	956927	P4	T/P4
C/E	AD	12-Nov-09	345080	2B03	1LNHL9FT	861893	LE	C/LE
T/F	AS	18-Apr-10	314437	2B03	2LMHJ5AT	794214	P4	T/P4
C/E	AD	14-Nov-09	4A8320	2B03	1FAHP2KT	699633	PG	C/PH
T/F	AS	1-Mar-10	328521	2B03	2LMHJ5AT	483617	P4	T/P4
T/F	AS	15-Nov-09	127042	2B03	2FMHK6D	456111	P3	T/P3
T/F	AS	15-Nov-09	127042	2B03	2FMHK6D	456111	P3	T/P3
C/E	AD	9-Oct-09	4B4091	2B03	1FAHP2KT	210917	PG	C/PH
C/E	AD	9-Mar-10	171167	2.00E 03	1FAHP2KT	1389019	PG	C/PH
C/E	AD	3-Mar-10	325062	2.00E 03	1LNHL9FT	1405085	LE	C/LE
C/E	AD	25-Mar-10	345069	2.00E 03	1LNHL9FT	1344746	LE	C/LE
C/E	AD	2-Oct-09	18427J	2.00E 03	1FAHP2KT	1301402	PG	C/PH
T/F	AS	22-Oct-09	345080	2.00E 03	2LMHJ5AT	1308678	P4	T/P4
T/F	AS	27-Feb-10	127051	2.00E 03	2FMHK6C	1279042	P3	T/P3
C/E	AD	31-Mar-10	153559	2.00E 03	1FAHP2KT	1256632	PG	C/PH
C/E	AD	2-Oct-09	113145	2.00E 03	1FAHP2KT	1287454	PG	C/PH
T/F	AS	31-Jan-10	354251	2.00E 03	2LMHJ5AT	1106322	P4	T/P4
T/F	AS	21-Nov-09	172200	2.00E 03	2FMHK6C	889030	P3	T/P3
C/E	AD	16-Nov-09	113426	2.00E 03	1FAHP2KT	828890	PG	C/PH
C/E	AD	16-Nov-09	113426	2.00E 03	1FAHP2KT	828890	PG	C/PH
C/E	AD	15-Mar-10	357071	2.00E 03	1LNHL9FT	800484	LE	C/LE
C/E	AD	15-Sep-09	153009	2.00E 03	1FAHP2KT	503202	PG	C/PH
T/F	AS	9-Sep-09	4B199J	2.00E 03	2FMHK6D	470760	P3	T/P3
C/E	AD	21-Aug-09	121660	2.00E 03	1FAHP2KT	276379	PG	C/PH
C/E	AD	2-Nov-09	141095	2.00E 03	1FAHP2KT	132443	PG	C/PH
C/E	AD	19-Nov-09	4A6792	2.00E 03	1LNHL9FT	1518134	LE	C/LE
T/F	AS	6-Nov-09	4B1285	2G02	2FMHK6D	156663	P3	T/P3
T/F	AS	16-Mar-10	345125	2.00E 03	2LMHJ5AT	1232256	P4	T/P4
C/E	AD	7-Sep-09	18421N	7S06	1FAHP2KT	794222	PG	C/PH
C/E	AD	4-Feb-10	148059	2G01	1FAHP2KT	172287	PG	C/PH
T/F	AS	30-Sep-10	4B6198	2G05	2FMHK6D	592465	P3	T/P3
C/E	AD	17-Nov-09	345356	2B03	1LNHL9FT	1060487	LE	C/LE
C/E	AD	21-Sep-10	4B6050	2B03	1FAHP2KT	1023259	PG	C/PH
C/E	AD	23-Oct-09	38404	2B03	1LNHL9FT	1004173	LE	C/LE
T/F	AS	8-Dec-09	4B2515	2B03	2FMHK6D	863517	P3	T/P3
C/E	AD	31-Mar-10	345286	2B03	1LNHL9FT	846473	LE	C/LE
T/F	AS	#####	342374	2B03	2LMHJ5AT	823279	P4	T/P4
C/E	AD	#####	328574	2B03	1LNHL9FT	755897	LE	C/LE
C/E	AD	#####	328574	2B03	1LNHL9FT	755897	LE	C/LE
T/F	AS	16-Apr-10	171498	2B03	2FMHK6D	668234	P3	T/P3
C/E	AD	11-Nov-09	111070	2B03	1FAHP2KT	580315	PG	C/PH
C/E	AD	4-Nov-09	152406	2B03	1FAHP2KT	395846	PG	C/PH
T/F	AS	8-Oct-09	367149	2B03	2LMHJ5AT	288887	P4	T/P4
C/E	AD	17-Oct-09	123020	2B03	1FAHP2KT	247129	PG	C/PH
C/E	AD	31-Mar-10	4B6272	2B03	1FAHP2KT	229114	PG	C/PH

T/F	AS	1-Apr-10	116405	2B03	2FMHK6C	136174	P3	T/P3
T/F	AS	1-Apr-10	116405	2B03	2FMHK6C	136174	P3	T/P3
C/E	AD	30-Aug-09	171040	2B03	1FAHP2KT	1417502	PG	C/PH
T/F	AS	18-Dec-09	355283	1A03	2LMHJ5AT	1277301	P4	T/P4
T/F	AS	23-Oct-09	152515	1A03	2FMHK6D	1222276	P3	T/P3
C/E	AD	4-Dec-09	127045	1A03	1FAHP2KT	1176307	PG	C/PH
C/E	AD	27-Feb-10	38404	1A03	1LNHL9FT	1004170	LE	C/LE
T/F	AS	12-Mar-10	363119	1A03	2LMHJ5AT	1010990	P4	T/P4
T/F	AS	12-Oct-09	345274	1A03	2LMHJ5AT	1009100	P4	T/P4
T/F	AS		171179	1A03	2FMHK6C	983885	P3	T/P3
T/F	AS	24-Nov-09	315206	1A03	2LMHJ5AT	956653	P4	T/P4
T/F	AS	9-Mar-10	38403J	1A03	2LMHJ5AT	901958	P4	T/P4
T/F	AS	18-Feb-10	172036	1A03	2FMHK6C	901240	P3	T/P3
T/F	AS	1-Mar-10	314175	1A03	2LMHJ5AT	787183	P4	T/P4
T/F	AS	16-Oct-09	4A7072	1A03	2LMHJ5AT	984654	P4	T/P4
T/F	AS	16-Oct-09	4A7072	1A03	2LMHJ5AT	984654	P4	T/P4
T/F	AS	16-Oct-09	4A7072	1A03	2LMHJ5AT	984654	P4	T/P4
T/F	AS	19-Nov-09	4B1082	1.00E 02	2FMHK6D	689988	P3	T/P3
C/E	AD	16-Nov-09	152300	1.00E 01	1FAHP2KT	1139446	PG	C/PH
C/E	AD	17-Mar-10	127021	2.00E 03	1FAHP2KT	1214173	PG	C/PH
C/E	AD	19-Sep-09	141001	2G04	1FAHP2KT	134460	PG	C/PH
C/E	AD	4-Nov-09	141056	1D02	1FAHP2KT	1198718	PG	C/PH
C/E	AD	30-Dec-09	4A6050	2B02	1LNHL9FT	1386061	LE	C/LE
T/F	AS	29-Oct-09	315221	2B02	2LMHJ5AT	1250567	P4	T/P4
T/F	AS	29-Oct-09	315221	2B02	2LMHJ5AT	1250567	P4	T/P4
T/F	AS	21-Nov-09	314279	2B02	2LMHJ5AT	1129574	P4	T/P4
T/F	AS	14-Aug-09	148057	2B02	2FMHK6D	834074	P3	T/P3
T/F	AS	6-Apr-10	355550	2B02	2LMHJ5AT	752473	P4	T/P4
C/E	AD	8-Feb-10	325062	2B02	1LNHL9FT	778836	LE	C/LE
T/F	AS	2-Feb-10	4B190N	2B02	2LMHJ5AT	779971	P4	T/P4
T/F	AS	6-Nov-09	367212	2B02	2LMHJ5AT	580780	P4	T/P4
C/E	AD	23-Oct-09	172412	2B02	1FAHP2KT	409200	PG	C/PH
C/E	AD	26-Mar-10	363277	2B02	1LNHL9FT	302044	LE	C/LE
T/F	AS	22-Dec-10	367032	2B03	2LMHJ5AT	1602044	P4	T/P4
T/F	AS	12-Nov-09	38488J	2B03	2LMHJ5AT	1580172	P4	T/P4
C/E	AD	28-Sep-09	18423J	2B03	1FAHP2KT	1529106	PG	C/PH
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
T/F	AS	#####	124494	2B03	2FMHK6C	1472072	P3	T/P3
C/E	AD	13-Jan-10	325044	2B03	1LNHL9FT	1404550	LE	C/LE
T/F	AS	30-Jun-10	314324	2B03	2LMHJ5AT	1398337	P4	T/P4
C/E	AD	17-Sep-10	153020	2B03	1FAHP2KT	1301656	PG	C/PH
C/E	AD	23-Oct-09	123038	2B03	1FAHP2KT	1294069	PG	C/PH
C/E	AD	24-Dec-09	342652	2B03	1LNHL9FT	1292524	LE	C/LE
T/F	AS	5-Apr-10	18452J	2B03	2FMHK6D	1265089	P3	T/P3
C/E	AD	2-Oct-09	18445J	2B03	1FAHP2KT	1218653	PG	C/PH
T/F	AS	16-Mar-10	345125	2B03	2LMHJ5AT	1225417	P4	T/P4
T/F	AS	21-Oct-09	345200	2B03	2LMHJ5AT	1210967	P4	T/P4
T/F	AS	5-May-10	367235	2B03	2LMHJ5AT	1249488	P4	T/P4
C/E	AD	12-Nov-09	156225	2B03	1FAHP2KT	1242220	PG	C/PH
C/E	AD	26-Jan-10	367296	2B03	1LNHL9FT	1129436	LE	C/LE

C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
C/E	AD	#####	141443	2B03	1FAHP2KT	1044660	PG	C/PH
C/E	AD	#####	141443	2B03	1FAHP2KT	1044660	PG	C/PH
C/E	AD	31-Oct-09	141201	2B03	1FAHP2KT	957153	PG	C/PH
C/E	AD	27-Nov-09	4B8112	2B03	1FAHP2KT	923765	PG	C/PH
T/F	AS	29-Mar-10	345125	2B03	2LMHJ5AT	846124	P4	T/P4
C/E	AD	30-Dec-09	345080	2B03	1LNHL9FT	853873	LE	C/LE
T/F	AS	29-Apr-10	148030	2B03	2FMHK6D	790010	P3	T/P3
C/E	AD	22-Feb-10	116052	2B03	1FAHP2KT	773492	PG	C/PH
T/F	AS	2-Nov-09	4B2301	2B03	2FMHK6D	754958	P3	T/P3
T/F	AS	31-Mar-10	4B3303	2B03	2FMHK6D	764041	P3	T/P3
T/F	AS	31-Mar-10	4B3303	2B03	2FMHK6D	764041	P3	T/P3
T/F	AS	3-May-10	4A8009	2B03	2LMHJ5AT	727417	P4	T/P4
T/F	AS	15-Nov-09	127042	2B03	2FMHK6D	456111	P3	T/P3
T/F	AS	2-Nov-09	345345	2B03	2LMHJ5AT	388336	P4	T/P4
C/E	AD	10-Nov-09	144218	2B03	1FAHP2KT	321863	PG	C/PH
T/F	AS	2-Dec-09	342328	2B03	2LMHJ5AT	309147	P4	T/P4
T/F	AS	19-Nov-09	59E902	2B03	2LMHJ5AT	287236	P4	T/P4
C/E	AD	27-Mar-10	123196	2B03	1FAHP2KT	90839	PG	C/PH
C/E	AD	28-Oct-09	148004	2.00E 03	1FAHP2KT	1449023	PG	C/PH
T/F	AS	15-Oct-09	345080	2.00E 03	2LMHJ5AT	1411040	P4	T/P4
T/F	AS	15-Oct-09	345080	2.00E 03	2LMHJ5AT	1411040	P4	T/P4
C/E	AD	7-Aug-09	148024	2.00E 03	1FAHP2KT	1342320	PG	C/PH
C/E	AD	13-Feb-10	121013	2.00E 03	1FAHP2KT	1335681	PG	C/PH
C/E	AD	22-Jan-10	312235	2.00E 03	1LNHL9FT	1333797	LE	C/LE
C/E	AD	8-Jan-10	343465	2.00E 03	1LNHL9FT	1252225	LE	C/LE
C/E	AD	10-Dec-09	174542	2.00E 03	1FAHP2KT	1173546	PG	C/PH
C/E	AD	15-Mar-10	357071	2.00E 03	1LNHL9FT	1158743	LE	C/LE
T/F	AS	13-Nov-09	354290	2.00E 03	2LMHJ5AT	1072570	P4	T/P4
C/E	AD	1-Nov-09	156302	2.00E 03	1FAHP2KT	953052	PG	C/PH
C/E	AD	5-Dec-09	148439	2.00E 03	1FAHP2KT	938978	PG	C/PH
C/E	AD	2-Dec-09	141177	2.00E 03	1FAHP2KT	983180	PG	C/PH
C/E	AD	23-Dec-09	127050	2.00E 03	1FAHP2KT	982021	PG	C/PH
C/E	AD	23-Dec-09	127050	2.00E 03	1FAHP2KT	982021	PG	C/PH
C/E	AD	27-Nov-09	141077	2.00E 03	1FAHP2KT	925378	PG	C/PH
C/E	AD	19-Sep-09	113073	2.00E 03	1FAHP2KT	926301	PG	C/PH
C/E	AD	16-Nov-09	113426	2.00E 03	1FAHP2KT	828890	PG	C/PH
C/E	AD	30-Oct-09	152012	2.00E 03	1FAHP2KT	678060	PG	C/PH
T/F	AS	22-Apr-10	4B7183	2G02	2LMHJ5AT	1068115	P4	T/P4
C/E	AD	14-Mar-10	147014	2G02	1FAHP2KT	298778	PG	C/PH
T/F	AS	9-Sep-09	4B8134	2G02	2FMHK6D	133865	P3	T/P3
C/E	AD	22-Jan-10	4B3352	2.00E 03	1FAHP2KT	137752	PG	C/PH
C/E	AD		343065	7H10	1LNHL9FT	324405	LE	C/LE
T/F	AS	31-Oct-09	113143	1A03	2FMHK6D	1027639	P3	T/P3
C/E	AD	7-Oct-09	345160	3A15	1LNHL9FT	1073639	LE	C/LE
T/F	AS	2-Feb-10	4B190N	2B03	2LMHJ5AT	1340376	P4	T/P4
C/E	AD	26-Apr-10	4B1342	2B03	1FAHP2KT	1152824	PG	C/PH
T/F	AS	8-Mar-10	4B1392	2B03	2LMHJ5AT	1109389	P4	T/P4
C/E	AD	17-Nov-09	345356	2B03	1LNHL9FT	1060487	LE	C/LE
C/E	AD	21-Sep-10	4B6050	2B03	1FAHP2KT	1023259	PG	C/PH
C/E	AD	19-Apr-10	116510	2B03	1FAHP2KT	992857	PG	C/PH

T/F	AS	22-Feb-10	4B2307	2B03	2LMHJ5AT	951593	P4	T/P4
T/F	AS	29-Mar-10	147144	2B03	2FMHK6C	946298	P3	T/P3
C/E	AD	27-Nov-09	148508	2B03	1FAHP2KT	842023	PG	C/PH
T/F	AS	1-Mar-10	328521	2B03	2LMHJ5AT	760319	P4	T/P4
T/F	AS	28-Jan-10	38404	2B03	2LMHJ5AT	786070	P4	T/P4
T/F	AS	19-Feb-10	4A2013	2B03	2LMHJ5AT	734088	P4	T/P4
T/F	AS	16-Apr-10	171498	2B03	2FMHK6D	668234	P3	T/P3
T/F	AS	1-Apr-10	116405	2B03	2FMHK6C	136174	P3	T/P3
T/F	AS	30-Jun-10	171167	2B03	2FMHK6D	1500041	P3	T/P3
T/F	AS	7-Jan-10	38401L	2B03	2LMHJ5AT	1239045	P4	T/P4
T/F	AS	12-Nov-09	355299	2B03	2LMHJ5AT	1236102	P4	T/P4
T/F	AS	15-Oct-09	367355	1A03	2LMHJ5AT	1129416	P4	T/P4
T/F	AS	12-Mar-10	363119	1A03	2LMHJ5AT	1010990	P4	T/P4
T/F	AS	12-Oct-09	345274	1A03	2LMHJ5AT	1009100	P4	T/P4
T/F	AS	1-Mar-10	314175	1A03	2LMHJ5AT	732980	P4	T/P4
T/F	AS	1-Mar-10	314175	1A03	2LMHJ5AT	732980	P4	T/P4
T/F	AS	1-Dec-09	342328	1A03	2LMHJ5AT	663560	P4	T/P4
T/F	AS	1-Dec-09	342328	1A03	2LMHJ5AT	663560	P4	T/P4
T/F	AS	3-Sep-09	148024	1.00E	02 2FMHK6D	718206	P3	T/P3
T/F	AS	20-Nov-09	4B1396	1.00E	03 2FMHK6D	1116728	P3	T/P3
T/F	AS	20-Nov-09	4B1396	1.00E	03 2FMHK6D	1116728	P3	T/P3
C/E	AD	16-Nov-09	152300	1.00E	01 1FAHP2KT	1139446	PG	C/PH
C/E	AD	17-Mar-10	127021	2.00E	03 1FAHP2KT	1214173	PG	C/PH
C/E	AD	15-Apr-10	141353	2G04	1FAHP2KT	1024507	PG	C/PH
C/E	AD	4-Nov-09	141056	1D02	1FAHP2KT	1198718	PG	C/PH
C/E	AD	26-Apr-10	4B1342	2B02	1FAHP2KT	1213253	PG	C/PH
T/F	AS	25-Nov-09	127045	2B02	2FMHK6D	911409	P3	T/P3
T/F	AS	28-Nov-09	4B1005	2B02	2FMHK6D	902903	P3	T/P3
T/F	AS	28-Nov-09	4B1005	2B02	2FMHK6D	902903	P3	T/P3
T/F	AS	6-Apr-10	355550	2B02	2LMHJ5AT	752473	P4	T/P4
C/E	AD	27-Feb-10	314361	2B02	1LNHL9FT	790529	LE	C/LE
T/F	AS	28-Feb-10	4B1444	2B02	2FMHK6D	803057	P3	T/P3
C/E	AD	#####	4B8275	2B02	1FAHP2KT	629758	PG	C/PH
C/E	AD	3-Oct-09	153052	2B02	1FAHP2KT	639448	PG	C/PH
C/E	AD	3-Oct-09	153052	2B02	1FAHP2KT	639448	PG	C/PH
C/E	AD	20-Feb-10	171167	2B02	1FAHP2KT	586800	PG	C/PH
C/E	AD	29-Dec-09	141075	2B02	1FAHP2KT	113983	PG	C/PH
T/F	AS	30-Jun-10	141082	2B03	2FMHK6C	1600779	P3	T/P3
C/E	AD	#####	4A4710	2B03	1LNHL9FT	1574720	LE	C/LE
T/F	AS	18-Sep-09	148511	2B03	2FMHK6D	1512662	P3	T/P3
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
C/E	AD	11-Jan-10	4B8280	2B03	1FAHP2KT	1490814	PG	C/PH
T/F	AS	16-Mar-10	121201	2B03	2FMHK6D	1453145	P3	T/P3
T/F	AS	16-Sep-09	4B7183	2B03	2FMHK6D	1400255	P3	T/P3
T/F	AS	4-Aug-10	315206	2B03	2LMHJ5AT	1407369	P4	T/P4
C/E	AD	17-Sep-10	153020	2B03	1FAHP2KT	1301656	PG	C/PH
T/F	AS	19-Oct-09	345335	2B03	2LMHJ5AT	1253227	P4	T/P4
T/F	AS	18-Dec-09	355283	2B03	2LMHJ5AT	1277302	P4	T/P4
C/E	AD	23-Oct-09	148044	2B03	1FAHP2KT	1263901	PG	C/PH
C/E	AD	2-Oct-09	18445J	2B03	1FAHP2KT	1218653	PG	C/PH
T/F	AS	18-Dec-09	315306	2B03	2LMHJ5AT	1228625	P4	T/P4

T/F	AS	16-Mar-10	345125	2B03	2LMHJ5AT	1225417	P4	T/P4
C/E	AD	12-Nov-09	156225	2B03	1FAHP2KT	1242220	PG	C/PH
T/F	AS	17-Mar-10	326138	2B03	2LMHJ5AT	1202319	P4	T/P4
C/E	AD	9-Nov-09	144127	2B03	1FAHP2KT	1177211	PG	C/PH
C/E	AD	16-Apr-10	123541	2B03	1FAHP2KT	1167558	PG	C/PH
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
T/F	AS	23-Dec-09	342188	2B03	2LMHJ5AT	1087699	P4	T/P4
C/E	AD	25-Feb-10	354005	2B03	1LNHL9FT	1045121	LE	C/LE
C/E	AD	#####	141443	2B03	1FAHP2KT	1044660	PG	C/PH
T/F	AS	3-May-10	345335	2B03	2LMHJ5AT	996270	P4	T/P4
C/E	AD	#####	111050	2B03	1FAHP2KT	995977	PG	C/PH
C/E	AD	31-Oct-09	141201	2B03	1FAHP2KT	957153	PG	C/PH
C/E	AD	4-Feb-10	345215	2B03	1LNHL9FT	837955	LE	C/LE
C/E	AD	11-Feb-10	345160	2B03	1LNHL9FT	837946	LE	C/LE
C/E	AD	27-Nov-09	346159	2B03	1LNHL9FT	834387	LE	C/LE
T/F	AS	20-Nov-09	315142	2B03	2LMHJ5AT	861780	P4	T/P4
T/F	AS	23-Nov-09	315040	2B03	2LMHJ5AT	872097	P4	T/P4
C/E	AD	5-Jan-10	124489	2B03	1FAHP2KT	872047	PG	C/PH
T/F	AS	2-Feb-10	148048	2B03	2FMHK6D	778236	P3	T/P3
C/E	AD	8-Dec-09	148051	2B03	1FAHP2KT	790042	PG	C/PH
C/E	AD	2-Feb-10	152032	2B03	1FAHP2KT	796476	PG	C/PH
C/E	AD	29-Oct-09	345350	2B03	1LNHL9FT	747323	LE	C/LE
T/F	AS	3-May-10	4A8009	2B03	2LMHJ5AT	727417	P4	T/P4
T/F	AS	3-May-10	4A8009	2B03	2LMHJ5AT	727417	P4	T/P4
T/F	AS	24-Nov-09	345041	2B03	2LMHJ5AT	581339	P4	T/P4
C/E	AD	21-Aug-09	121660	2B03	1FAHP2KT	249037	PG	C/PH
T/F	AS	20-Nov-09	328521	2.00E 03	2LMHJ5AT	1587581	P4	T/P4
C/E	AD	9-Nov-09	111067	2.00E 03	1FAHP2KT	1523127	PG	C/PH
C/E	AD	2-Feb-10	121209	2.00E 03	1FAHP2KT	1464904	PG	C/PH
T/F	AS	23-Nov-09	314324	2.00E 03	2LMHJ5AT	1411079	P4	T/P4
T/F	AS	15-Oct-09	345080	2.00E 03	2LMHJ5AT	1411040	P4	T/P4
C/E	AD	7-Aug-09	148024	2.00E 03	1FAHP2KT	1342320	PG	C/PH
C/E	AD	11-Jan-10	153010	2.00E 03	1FAHP2KT	1325212	PG	C/PH
C/E	AD	2-Oct-09	18427J	2.00E 03	1FAHP2KT	1301402	PG	C/PH
T/F	AS	22-Oct-09	345080	2.00E 03	2LMHJ5AT	1308678	P4	T/P4
C/E	AD	23-Oct-09	123038	2.00E 03	1FAHP2KT	1294070	PG	C/PH
C/E	AD	8-Jan-10	343465	2.00E 03	1LNHL9FT	1252225	LE	C/LE
T/F	AS	26-Feb-10	367136	2.00E 03	2LMHJ5AT	1205094	P4	T/P4
T/F	AS	26-Feb-10	367136	2.00E 03	2LMHJ5AT	1205094	P4	T/P4
C/E	AD	25-Jun-10	156447	2.00E 03	1FAHP2KT	1134968	PG	C/PH
C/E	AD	5-Mar-10	314541	2.00E 03	1LNHL9FT	1168817	LE	C/LE
C/E	AD	5-Mar-10	314541	2.00E 03	1LNHL9FT	1168817	LE	C/LE
C/E	AD	31-Aug-09	148004	2.00E 03	1FAHP2KT	1114974	PG	C/PH
C/E	AD	15-Oct-09	148039	2.00E 03	1FAHP2KT	1050866	PG	C/PH
C/E	AD	15-Oct-09	148039	2.00E 03	1FAHP2KT	1050866	PG	C/PH
C/E	AD	19-Sep-09	113073	2.00E 03	1FAHP2KT	926301	PG	C/PH
C/E	AD	8-Aug-09	152016	2.00E 03	1FAHP2KT	736385	PG	C/PH
C/E	AD	2-Jan-10	141202	2.00E 03	1FAHP2KT	600793	PG	C/PH

T/F	AS	9-Sep-09	4B199J	2.00E	03	2FMHK6D	470760	P3	T/P3
T/F	AS	16-Dec-09	342573	2.00E	03	2LMHJ5AT	319144	P4	T/P4
C/E	AD	19-Sep-09	121246	2.00E	03	1FAHP2KT	291145	PG	C/PH
C/E	AD	24-Sep-09	18402J	2.00E	03	1FAHP2KT	177426	PG	C/PH
T/F	AS	25-Nov-09	4A2058	2.00E	03	2LMHJ5AT	128412	P4	T/P4
C/E	AD	15-Jun-10	127032	2G02		1FAHP2KT	629945	PG	C/PH
C/E	AD	2-Oct-09	113145	7S02		1FAHP2KT	995263	PG	C/PH
C/E	AD	21-Sep-10	4B6050	2B03		1FAHP2KT	1023259	PG	C/PH
C/E	AD	21-Sep-10	4B6050	2B03		1FAHP2KT	1023259	PG	C/PH
C/E	AD	1-Jun-10	314541	2B03		1LNHL9FT	1028993	LE	C/LE
C/E	AD	1-Jun-10	314541	2B03		1LNHL9FT	1028993	LE	C/LE
C/E	AD	3-Jan-10	342425	2B03		1LNHL9FT	1028791	LE	C/LE
T/F	AS	21-Oct-09	152638	2B03		2FMHK6D	1024737	P3	T/P3
T/F	AS	5-Feb-10	148044	2B03		2FMHK6C	880962	P3	T/P3
T/F	AS	25-Mar-10	314557	2B03		2LMHJ5AT	923278	P4	T/P4
C/E	AD	8-Dec-09	152096	2B03		1FAHP2KT	920405	PG	C/PH
T/F	AS	8-Apr-10	342709	2B03		2LMHJ5AT	705819	P4	T/P4
C/E	AD	22-Sep-09	121224	2B03		1FAHP2KT	577362	PG	C/PH
T/F	AS	27-Jan-10	4B2597	2B03		2FMHK6D	550171	P3	T/P3
T/F	AS	23-Nov-09	4B1298	2B03		2FMHK6D	484764	P3	T/P3
C/E	AD	29-Oct-09	123282	2B03		1FAHP2KT	1294724	PG	C/PH
C/E	AD	3-Sep-09	18401J	2B03		1FAHP2KT	1174809	PG	C/PH
C/E	AD	15-Mar-10	4B197K	2B03		1FAHP2KT	1145392	PG	C/PH
T/F	AS	#####	172018	1A03		2FMHK6D	1299154	P3	T/P3
T/F	AS	#####	172018	1A03		2FMHK6D	1299154	P3	T/P3
C/E	AD	25-Nov-09	38480J	1A03		1LNHL9FT	1199008	LE	C/LE
C/E	AD	21-Oct-09	314455	1A03		1LNHL9FT	1143161	LE	C/LE
T/F	AS	26-Apr-10	314403	1A03		2LMHJ5AT	1129412	P4	T/P4
T/F	AS	30-Jan-10	172036	1A03		2FMHK6D	1128326	P3	T/P3
T/F	AS	3-Dec-09	174009	1A03		2FMHK6D	1150658	P3	T/P3
T/F	AS	9-Mar-10	4B8144	1A03		2LMHJ5AT	1048834	P4	T/P4
T/F	AS	18-Feb-10	172036	1A03		2FMHK6C	901240	P3	T/P3
T/F	AS	18-Nov-09	312310	1A03		2LMHJ5AT	296406	P4	T/P4
C/E	AD	26-Apr-10	4B3296	1.00E	02	1LNHL9FT	1124190	LE	C/LE
C/E	AD	26-Apr-10	4B3296	1.00E	02	1LNHL9FT	1124190	LE	C/LE
T/F	AS	3-Sep-09	148024	1.00E	02	2FMHK6D	718206	P3	T/P3
C/E	AD	1-Mar-10	123368	1.00E	03	1FAHP2KT	1210117	PG	C/PH
C/E	AD	16-Nov-09	152300	1.00E	01	1FAHP2KT	1139446	PG	C/PH
C/E	AD	17-Mar-10	127021	2.00E	03	1FAHP2KT	1214173	PG	C/PH
T/F	AS	20-Sep-09	174025	1A04		2FMHK6D	1106586	P3	T/P3
T/F	AS	19-Dec-09	312341	2G04		2LMHJ5AT	968721	P4	T/P4
C/E	AD	4-Nov-09	141056	1D02		1FAHP2KT	1198718	PG	C/PH
C/E	AD	21-Apr-10	171725	2B02		1FAHP2KT	1250005	PG	C/PH
C/E	AD	16-Nov-09	111027	2B02		1FAHP2KT	1155910	PG	C/PH
C/E	AD	27-Mar-10	123196	2B02		1FAHP2KT	1105463	PG	C/PH
C/E	AD	2-Oct-09	325062	2B02		1LNHL9FT	1060592	LE	C/LE
C/E	AD	26-Dec-09	152587	2B02		1FAHP2KT	960021	PG	C/PH
C/E	AD	30-Jun-10	328009	2B02		1LNHL9FT	969098	LE	C/LE
C/E	AD	16-Nov-09	314324	2B02		1LNHL9FT	950331	LE	C/LE
T/F	AS	19-Dec-09	342540	2B02		2LMHJ5AT	905890	P4	T/P4
C/E	AD	21-Nov-09	343439	2B02		1LNHL9FT	825701	LE	C/LE

T/F	AS	9-Dec-09	346170	2B02	2LMHJ5AT	835709	P4	T/P4
C/E	AD	19-Nov-09	152052	2B02	1FAHP2KT	843084	PG	C/PH
C/E	AD	6-Jan-10	121707	2B02	1FAHP2KT	337344	PG	C/PH
C/E	AD	#####	343300	2B03	1LNHL9FT	1600786	LE	C/LE
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
T/F	AS	22-Mar-10	4A6792	2B03	2LMHJ5AT	1481560	P4	T/P4
T/F	AS	20-Oct-09	314561	2B03	2LMHJ5AT	1467301	P4	T/P4
T/F	AS	20-Oct-09	314561	2B03	2LMHJ5AT	1467301	P4	T/P4
T/F	AS	#####	124494	2B03	2FMHK6C	1472072	P3	T/P3
C/E	AD	19-Mar-10	152462	2B03	1FAHP2KT	1415267	PG	C/PH
C/E	AD	2-Aug-10	148051	2B03	1FAHP2KT	1396632	PG	C/PH
T/F	AS	18-Oct-09	171043	2B03	2FMHK6D	1407438	P3	T/P3
T/F	AS	17-Feb-10	314561	2B03	2LMHJ5AT	1319895	P4	T/P4
C/E	AD	28-Oct-09	158005	2B03	1FAHP2KT	1319564	PG	C/PH
C/E	AD	28-Oct-09	158005	2B03	1FAHP2KT	1319564	PG	C/PH
T/F	AS	5-Feb-10	328051	2B03	2LMHJ5AT	1253235	P4	T/P4
C/E	AD	2-Oct-09	113145	2B03	1FAHP2KT	1279163	PG	C/PH
C/E	AD	30-Jun-10	141494	2B03	1FAHP2KT	1256517	PG	C/PH
C/E	AD	11-Jan-10	153010	2B03	1FAHP2KT	1230470	PG	C/PH
C/E	AD	#####	345070	2B03	1LNHL9FT	1211421	LE	C/LE
T/F	AS	21-Oct-09	345200	2B03	2LMHJ5AT	1210967	P4	T/P4
T/F	AS	24-Oct-09	367136	2B03	2LMHJ5AT	1192952	P4	T/P4
T/F	AS	30-Nov-09	343465	2B03	2LMHJ5AT	1199078	P4	T/P4
C/E	AD	9-Nov-09	144127	2B03	1FAHP2KT	1177211	PG	C/PH
C/E	AD	16-Apr-10	123541	2B03	1FAHP2KT	1167558	PG	C/PH
C/E	AD	23-Oct-09	4B1472	2B03	1FAHP2KT	1116756	PG	C/PH
C/E	AD	24-Feb-10	345080	2B03	1LNHL9FT	1087786	LE	C/LE
T/F	AS	26-Oct-09	148040	2B03	2FMHK6D	1057541	P3	T/P3
C/E	AD	17-Jul-10	123196	2B03	1FAHP2KT	967687	PG	C/PH
C/E	AD	27-Nov-09	4B8112	2B03	1FAHP2KT	923765	PG	C/PH
T/F	AS	12-Jan-10	171061	2B03	2FMHK6D	827600	P3	T/P3
T/F	AS	18-Apr-10	314437	2B03	2LMHJ5AT	794214	P4	T/P4
C/E	AD	15-Apr-10	345125	2B03	1LNHL9FT	816673	LE	C/LE
C/E	AD	15-Apr-10	345125	2B03	1LNHL9FT	816673	LE	C/LE
C/E	AD	27-Mar-10	328051	2B03	1LNHL9FT	715025	LE	C/LE
C/E	AD	31-Dec-09	121440	2B03	1FAHP2KT	617545	PG	C/PH
T/F	AS	1-Mar-10	328521	2B03	2LMHJ5AT	483617	P4	T/P4
T/F	AS	15-Nov-09	127042	2B03	2FMHK6D	456111	P3	T/P3
C/E	AD	10-Nov-09	144218	2B03	1FAHP2KT	321863	PG	C/PH
T/F	AS	30-Jan-10	314340	2B03	2LMHJ5AT	287141	P4	T/P4
C/E	AD	28-Oct-09	148004	2.00E 03	1FAHP2KT	1449023	PG	C/PH
C/E	AD	8-Oct-09	124009	2.00E 03	1FAHP2KT	1440034	PG	C/PH
T/F	AS	23-Nov-09	314324	2.00E 03	2LMHJ5AT	1411079	P4	T/P4
C/E	AD	3-Mar-10	121153	2.00E 03	1FAHP2KT	1394398	PG	C/PH
T/F	AS	31-Dec-09	345243	2.00E 03	2LMHJ5AT	1364428	P4	T/P4
C/E	AD	9-Dec-09	113470	2.00E 03	1FAHP2KT	1307066	PG	C/PH
C/E	AD	7-Oct-09	345160	2.00E 03	1LNHL9FT	1260342	LE	C/LE
C/E	AD	26-Oct-09	141007	2.00E 03	1FAHP2KT	1263378	PG	C/PH
C/E	AD	26-Sep-09	345160	2.00E 03	1LNHL9FT	1245438	LE	C/LE
T/F	AS	26-Feb-10	367136	2.00E 03	2LMHJ5AT	1205094	P4	T/P4
C/E	AD	12-Oct-09	148054	2.00E 03	1FAHP2KT	1177687	PG	C/PH

C/E	AD	5-Mar-10	314541	2.00E	03	1LNHL9FT	1168817	LE	C/LE
C/E	AD	5-Mar-10	314541	2.00E	03	1LNHL9FT	1168817	LE	C/LE
C/E	AD	31-Aug-09	148004	2.00E	03	1FAHP2KT	1114974	PG	C/PH
C/E	AD	15-Sep-09	153009	2.00E	03	1FAHP2KT	1085696	PG	C/PH
C/E	AD	27-Nov-09	148508	2.00E	03	1FAHP2KT	1103837	PG	C/PH
C/E	AD	5-Dec-09	148439	2.00E	03	1FAHP2KT	938978	PG	C/PH
T/F	AS	13-Oct-09	144095	2.00E	03	2FMHK6D	946293	P3	T/P3
C/E	AD	6-Nov-09	148048	2.00E	03	1FAHP2KT	823048	PG	C/PH
T/F	AS	10-Oct-09	148508	2.00E	03	2FMHK6D	812322	P3	T/P3
C/E	AD	30-Oct-09	152012	2.00E	03	1FAHP2KT	678060	PG	C/PH
T/F	AS	18-Jan-10	111545	2.00E	03	2FMHK6D	535269	P3	T/P3
T/F	AS	19-Sep-09	144127	2.00E	03	2FMHK6C	401427	P3	T/P3
C/E	AD	19-Nov-09	4A6792	2.00E	03	1LNHL9FT	1518134	LE	C/LE
T/F	AS	20-Feb-10	4A7069	2.00E	03	2FMHK6D	1354193	P3	T/P3
C/E	AD	25-Mar-10	174625	2G02		1FAHP2KT	775260	PG	C/PH
C/E	AD		315146	7S06		1LNHL9FT	1610272	LE	C/LE
C/E	AD	4-Feb-10	148059	2G01		1FAHP2KT	172287	PG	C/PH
C/E	AD	8-Oct-10	127048	2.00E	03	1FAHP2KT	58908	PG	C/PH
T/F	AS	31-Mar-10	148513	2A01		2FMHK6D	743676	P3	T/P3
C/E	AD	5-Jun-10	127004	4C03		1FAHP2KT	1367638	PG	C/PH
T/F	AS	31-Oct-09	113143	1A03		2FMHK6D	1027639	P3	T/P3
C/E	AD	23-Jan-10	38404	6Y20		1LNHL9FT	935905	LE	C/LE
T/F	AS	17-Feb-10	314561	1C04		2LMHJ5AT	1319896	P4	T/P4
T/F	AS	11-Mar-10	367144	2B03		2LMHJ5AT	1542472	P4	T/P4
T/F	AS	11-Mar-10	367144	2B03		2LMHJ5AT	1542472	P4	T/P4
T/F	AS	11-Mar-10	367144	2B03		2LMHJ5AT	1542472	P4	T/P4
C/E	AD	31-Aug-09	148004	2B03		1FAHP2KT	1107219	PG	C/PH
C/E	AD	1-Jun-10	314541	2B03		1LNHL9FT	1028993	LE	C/LE
C/E	AD	3-Mar-10	18405N	2B03		1FAHP2KT	1018471	PG	C/PH
T/F	AS	5-Feb-10	148044	2B03		2FMHK6C	880962	P3	T/P3
T/F	AS	28-Oct-09	111460	2B03		2FMHK6D	928284	P3	T/P3
C/E	AD	#####	148048	2B03		1FAHP2KT	889789	PG	C/PH
T/F	AS	8-Dec-09	4B2515	2B03		2FMHK6D	863517	P3	T/P3
C/E	AD	#####	4B1091	2B03		1LNHL9FT	871070	LE	C/LE
T/F	AS	#####	342374	2B03		2LMHJ5AT	823279	P4	T/P4
C/E	AD	19-Sep-09	18474J	2B03		1FAHP2KT	754314	PG	C/PH
C/E	AD	11-Nov-09	111070	2B03		1FAHP2KT	580315	PG	C/PH
T/F	AS	19-Mar-10	4B2425	2B03		2LMHJ5AT	462817	P4	T/P4
T/F	AS	22-Aug-09	127424	2B03		2FMHK6C	480097	P3	T/P3
T/F	AS	23-Nov-09	4B1298	2B03		2FMHK6D	484764	P3	T/P3
C/E	AD	13-Oct-09	148624	2B03		1FAHP2KT	475409	PG	C/PH
T/F	AS	16-Jul-09	38410M	2B03		2LMHJ5AT	409877	P4	T/P4
C/E	AD	24-Oct-09	127047	2B03		1FAHP2KT	407416	PG	C/PH
C/E	AD	30-Oct-09	152766	2B03		1FAHP2KT	286079	PG	C/PH
T/F	AS	13-Sep-09	171105	2B03		2FMHK6D	114438	P3	T/P3
C/E	AD	27-Sep-09	18404J	2B03		1FAHP2KT	1441587	PG	C/PH
C/E	AD	30-Aug-09	171040	2B03		1FAHP2KT	1417502	PG	C/PH
T/F	AS	9-Feb-10	38404M	2B03		2LMHJ5AT	1136177	P4	T/P4
C/E	AD	15-Mar-10	4B197K	2B03		1FAHP2KT	1145392	PG	C/PH
C/E	AD	12-Nov-09	116537	2B03		1FAHP2KT	1102847	PG	C/PH
C/E	AD	4-Mar-10	18477J	2B03		1FAHP2KT	1066873	PG	C/PH



T/F	AS	21-Dec-09	38404	1A03	2LMHJ5AT	950012	P4	T/P4
T/F	AS	18-Feb-10	172036	1A03	2FMHK6C	901240	P3	T/P3
T/F	AS	1-Mar-10	314175	1A03	2LMHJ5AT	787183	P4	T/P4
C/E	AD	19-Mar-10	148009	1.00E 02	1FAHP2KT	1025160	PG	C/PH
T/F	AS	25-Feb-10	342088	1.00E 02	2LMHJ5AT	884186	P4	T/P4
C/E	AD	16-Nov-09	152300	1.00E 01	1FAHP2KT	1139446	PG	C/PH
C/E	AD	17-Sep-09	148039	2G04	1FAHP2KT	784389	PG	C/PH
C/E	AD	26-Apr-10	4B1342	2B02	1FAHP2KT	1213253	PG	C/PH
T/F	AS	22-Apr-10	367023	2B02	2LMHJ5AT	990058	P4	T/P4
C/E	AD	27-Feb-10	152158	2B02	1FAHP2KT	965892	PG	C/PH
C/E	AD	16-Nov-09	111025	2B02	1FAHP2KT	697091	PG	C/PH
C/E	AD	#####	4B8275	2B02	1FAHP2KT	629758	PG	C/PH
C/E	AD	11-Jun-10	148040	2B03	1FAHP2KT	1562318	PG	C/PH
T/F	AS	18-Dec-09	113443	2B03	2FMHK6C	1511177	P3	T/P3
T/F	AS	20-Oct-09	314561	2B03	2LMHJ5AT	1467301	P4	T/P4
T/F	AS	#####	124494	2B03	2FMHK6C	1472072	P3	T/P3
T/F	AS	16-Mar-10	121201	2B03	2FMHK6D	1453145	P3	T/P3
T/F	AS	30-Jun-10	314324	2B03	2LMHJ5AT	1398337	P4	T/P4
T/F	AS	18-Oct-09	171043	2B03	2FMHK6D	1407438	P3	T/P3
C/E	AD	1-Jul-10	363277	2B03	1LNHL9FT	1343951	LE	C/LE
C/E	AD	22-Sep-09	18403J	2B03	1FAHP2KT	1337649	PG	C/PH
T/F	AS	13-Oct-09	4A6040	2B03	2FMHK6D	1334633	P3	T/P3
T/F	AS	11-Mar-10	113468	2B03	2FMHK6D	1200537	P3	T/P3
T/F	AS	11-Mar-10	113468	2B03	2FMHK6D	1200537	P3	T/P3
C/E	AD	1-Jun-10	314541	2B03	1LNHL9FT	1174558	LE	C/LE
C/E	AD	1-Oct-09	147019	2B03	1FAHP2KT	1172146	PG	C/PH
T/F	AS	19-Jan-10	174548	2B03	2FMHK6C	1170689	P3	T/P3
T/F	AS	19-Jan-10	174548	2B03	2FMHK6C	1170689	P3	T/P3
T/F	AS	30-Nov-09	343465	2B03	2LMHJ5AT	1199078	P4	T/P4
T/F	AS	30-Jan-10	367020	2B03	2LMHJ5AT	1197960	P4	T/P4
C/E	AD	14-Oct-09	4B8123	2B03	1FAHP2KT	1131192	PG	C/PH
C/E	AD	8-Sep-09	4A3231	2B03	1FAHP2KT	1130369	PG	C/PH
T/F	AS	28-Jul-10	148407	2B03	2FMHK6D	1080164	P3	T/P3
C/E	AD	30-Oct-09	148032	2B03	1FAHP2KT	1000250	PG	C/PH
T/F	AS	13-Nov-09	354135	2B03	2LMHJ5AT	996469	P4	T/P4
T/F	AS	31-Oct-09	116029	2B03	2FMHK6D	955684	P3	T/P3
C/E	AD	21-Sep-09	148027	2B03	1FAHP2KT	912747	PG	C/PH
T/F	AS	11-Dec-09	345181	2B03	2LMHJ5AT	869776	P4	T/P4
T/F	AS	13-Feb-10	158505	2B03	2FMHK6D	762810	P3	T/P3
T/F	AS	18-Mar-10	328574	2B03	2LMHJ5AT	742326	P4	T/P4
T/F	AS	4-Nov-09	4B1811	2B03	2FMHK6D	727586	P3	T/P3
C/E	AD	5-Feb-10	4B8207	2B03	1LNHL9FT	603243	LE	C/LE
C/E	AD	30-Dec-09	158442	2B03	1FAHP2KT	634928	PG	C/PH
C/E	AD	30-Dec-09	158442	2B03	1FAHP2KT	634928	PG	C/PH
C/E	AD	24-Oct-09	4A1234	2B03	1LNHL9FT	583255	LE	C/LE
T/F	AS	8-Feb-10	152409	2B03	2FMHK6D	595042	P3	T/P3
C/E	AD	1-Feb-10	345286	2B03	1LNHL9FT	560449	LE	C/LE
T/F	AS	9-Dec-09	148019	2B03	2FMHK6D	600320	P3	T/P3
C/E	AD	27-Sep-09	18488J	2B03	1FAHP2KT	258219	PG	C/PH
C/E	AD	8-Oct-09	124009	2.00E 03	1FAHP2KT	1440034	PG	C/PH
T/F	AS	16-Jan-10	343219	2.00E 03	2LMHJ5AT	1371440	P4	T/P4

C/E	AD	4-Sep-10	153594	2.00E	03	1FAHP2KT	1371437	PG	C/PH
C/E	AD	16-Nov-09	174616	2.00E	03	1FAHP2KT	1350835	PG	C/PH
C/E	AD	16-Nov-09	174616	2.00E	03	1FAHP2KT	1350835	PG	C/PH
C/E	AD	29-Nov-09	147146	2.00E	03	1FAHP2KT	1257860	PG	C/PH
C/E	AD	26-Oct-09	141007	2.00E	03	1FAHP2KT	1263378	PG	C/PH
C/E	AD	15-Feb-10	172426	2.00E	03	1FAHP2KT	1134442	PG	C/PH
C/E	AD	19-Nov-09	152052	2.00E	03	1FAHP2KT	1058137	PG	C/PH
C/E	AD	9-Nov-09	111067	2.00E	03	1FAHP2KT	1039620	PG	C/PH
C/E	AD	19-Nov-09	113498	2.00E	03	1FAHP2KT	987357	PG	C/PH
C/E	AD	30-Jan-10	113584	2.00E	03	1FAHP2KT	990753	PG	C/PH
C/E	AD	13-Feb-10	171043	2.00E	03	1FAHP2KT	895404	PG	C/PH
C/E	AD	15-Sep-09	153009	2.00E	03	1FAHP2KT	503202	PG	C/PH
T/F	AS	19-Sep-09	144127	2.00E	03	2FMHK6C	401427	P3	T/P3
T/F	AS	6-Mar-10	345335	2G02		2LMHJ5AT	707893	P4	T/P4
T/F	AS	7-Jan-10	18480J	2G02		2FMHK6C	1571771	P3	T/P3
C/E	AD	15-Jun-10	127032	2G02		1FAHP2KT	613340	PG	C/PH
C/E	AD	23-Aug-09	18474J	2G02		1FAHP2KT	142994	PG	C/PH
C/E	AD	15-Sep-09	153010	2G01		1FAHP2KT	1464972	PG	C/PH
C/E	AD	15-Sep-09	153010	2G01		1FAHP2KT	1464972	PG	C/PH
C/E	AD	29-Sep-09	18404	2G01		1FAHP2KT	253062	PG	C/PH
T/F	AS	30-Sep-10	4B6198	2G05		2FMHK6D	592465	P3	T/P3
C/E	AD	5-Jun-10	127004	4C03		1FAHP2KT	1367638	PG	C/PH
C/E	AD	5-Jun-10	127004	4C03		1FAHP2KT	1367638	PG	C/PH
C/E	AD	9-Mar-10	314541	1A03		1LNHL9FT	1115792	LE	C/LE
T/F	AS	11-Mar-10	367144	2B03		2LMHJ5AT	1542472	P4	T/P4
C/E	AD	31-Aug-09	148004	2B03		1FAHP2KT	1107219	PG	C/PH
T/F	AS	#####	152300	2B03		2FMHK6D	1008919	P3	T/P3
T/F	AS	17-Sep-09	144086	2B03		2FMHK6D	1007580	P3	T/P3
T/F	AS	13-Feb-10	174524	2B03		2FMHK6D	852968	P3	T/P3
T/F	AS	14-Oct-09	144443	2B03		2FMHK6D	836321	P3	T/P3
T/F	AS	19-Feb-10	4A2013	2B03		2LMHJ5AT	734088	P4	T/P4
T/F	AS	17-Feb-10	123203	2B03		2FMHK6C	652226	P3	T/P3
C/E	AD	5-Jan-10	174524	2B03		1FAHP2KT	308746	PG	C/PH
T/F	AS	30-Jun-10	171167	2B03		2FMHK6D	1500041	P3	T/P3
C/E	AD	15-Mar-10	4B197K	2B03		1FAHP2KT	1145392	PG	C/PH
T/F	AS	13-Mar-10	147213	2B03		2FMHK6D	1155283	P3	T/P3
C/E	AD	4-Oct-10	148054	2.00E	03	1FAHP2KT	105698	PG	C/PH
C/E	AD	21-Aug-10	144202	2.00E	03	1FAHP2KT	39879	PG	C/PH
T/F	AS		156300	2G01		2FMHK6D	104956	P3	T/P3
C/E	AD	1-Sep-10	357244	2B03		1LNHL9FT	42343	LE	C/LE
C/E	AD	23-Jun-10	141895	2B02		1FAHP2KT	29958	PG	C/PH
C/E	AD	21-Aug-10	144202	2.00E	03	1FAHP2KT	39879	PG	C/PH
C/E	AD		357244	2B03		1LNHL9FT	33067	LE	C/LE
T/F	AS	15-Aug-10	144538	2B03		2FMHK6D	77779	P3	T/P3
T/F	AS		156300	2G01		2FMHK6D	104956	P3	T/P3
T/F	AS	15-Aug-10	144538	2B03		2FMHK6D	77779	P3	T/P3
T/F	AS	17-Aug-10	314017	2B03		2LMHJ5AT	54713	P4	T/P4

14 2 NA] CYLINDER 5 MISFIRE DETECTED[P0305 2 NA] CYLINDER 6 MISFIRE DETECTED[P0306 :

e ERS [VL]

2 NA] MISFIRE DETECTED ON STARTUP FIRST 1000 REVOLUTIONS [P0316 2 NA]

**From:** Osepchook, William (W.R.)  
**Sent:** Friday, October 12, 2012 10:34 AM  
**To:** McDonagh, Scot (S.M.); Nowaczyk, Rick (R.J.); Dobbs, Dan (K.D.); Schiltges, Dave (D.); Selthofer, Adam (A.); Ronzi, Bill (W.C.); White, Eric (E.); Kramer, Michael (M.T.)  
**Cc:** Sparks, Douglas (D.S.); Ricks, Kevin (K.J.); Madej, Jeanette (J.); Dixon, Mark (M.R.)  
**Subject:** RE: P415 Misfire QSF Closure



Handwritten notes  
 Microsoft Word document icon

-----Original Appointment-----

**From:** McDonagh, Scot (S.M.)  
**Sent:** Wednesday, October 10, 2012 11:37 AM  
**To:** McDonagh, Scot (S.M.); Nowaczyk, Rick (R.J.); Dobbs, Dan (K.D.); Osepchook, William (W.R.); Schiltges, Dave (D.); Selthofer, Adam (A.); Ronzi, Bill (W.C.); White, Eric (E.); Kramer, Michael (M.T.)  
**Cc:** Sparks, Douglas (D.S.); Ricks, Kevin (K.J.); Madej, Jeanette (J.); Dixon, Mark (M.R.)  
**Subject:** P415 Misfire QSF Closure  
**When:** Friday, October 12, 2012 11:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Teleconference: x13673 Passcode: 21340179#

Please join the Powertrain Quality Team to discuss QSF Service closure plan.

- 1) Final content for 2011-2012MY and 2013MY TSB releases- Team Input
- 2) Confirmation from PS&L that Valeo will provide 2,000 2011-2012MY and 250 2013MY 6K775 CACs by ~10/22/12(PT Management request)- Eric White

<< File: 2011-2012 F-150 GTDI Misfire TSB For New CAC.docx >> << File: 2013 F-150 GTDI Misfire TSB For New CAC.docx >>

Vehicle Line	Model Year	Concern	Function	Functional Champion Engineering Contact PCE	Comments	QSF Date Open	Req'd 68 day QSF Service Closure Date	Req'd 90 day QSF Production Closure Date	QSF Days Open	Severity 1-4	QSF Threshold	Report Count	QSF Forecast Service Closure Date	QSF Forecast Production Closure Date
--------------	------------	---------	----------	---	----------	---------------	---------------------------------------	--	---------------	--------------	---------------	--------------	-----------------------------------	--------------------------------------

F-150	2011-2012	06920120046-Moisture In CAC; Misfire Post TSB/Production Cutoff	POW	JMCCOY - MKRAMER1 - RNOWACZY	CC:Continued misfire due to CAC moisture after TSB was performed. Combine reports of units produced with new CAC deflector and updated PCM calibration exhibiting the same repeat moisture in CAC misfire issue. CA:Moisture in the CAC SC:Revised CAC being released for service. PC:Revised CAC for production ST:Oct/3: 12 CAC sent out for engineering evaluation in select areas of the U.S. Early parts request submitted. Both TSB drafts being reviewed by engineering. Supplier shipping 346 pcs on 10/1/12. working on getting 10 pcs air shipped to packager.	22/Aug/2012	29/Oct/2012	20/Nov/2012	48	3	25	126	29/Oct/2012 GREEN	18/Sep/2012 CLOSED
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Scot G. McDonagh  
PT Quality Engineering  
Phone: (313)337-8091  
[smcdonag@ford.com](mailto:smcdonag@ford.com)

Scot McDonagh invites you to an online meeting using WebEx.

-----  
WebEx meeting information  
-----

Meeting Number: 710 284 606  
Meeting Link: <https://ford.webex.com/ford/j.php?J=710284606>  
Meeting Password: This meeting does not require a password.

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Audio conference information  
-----

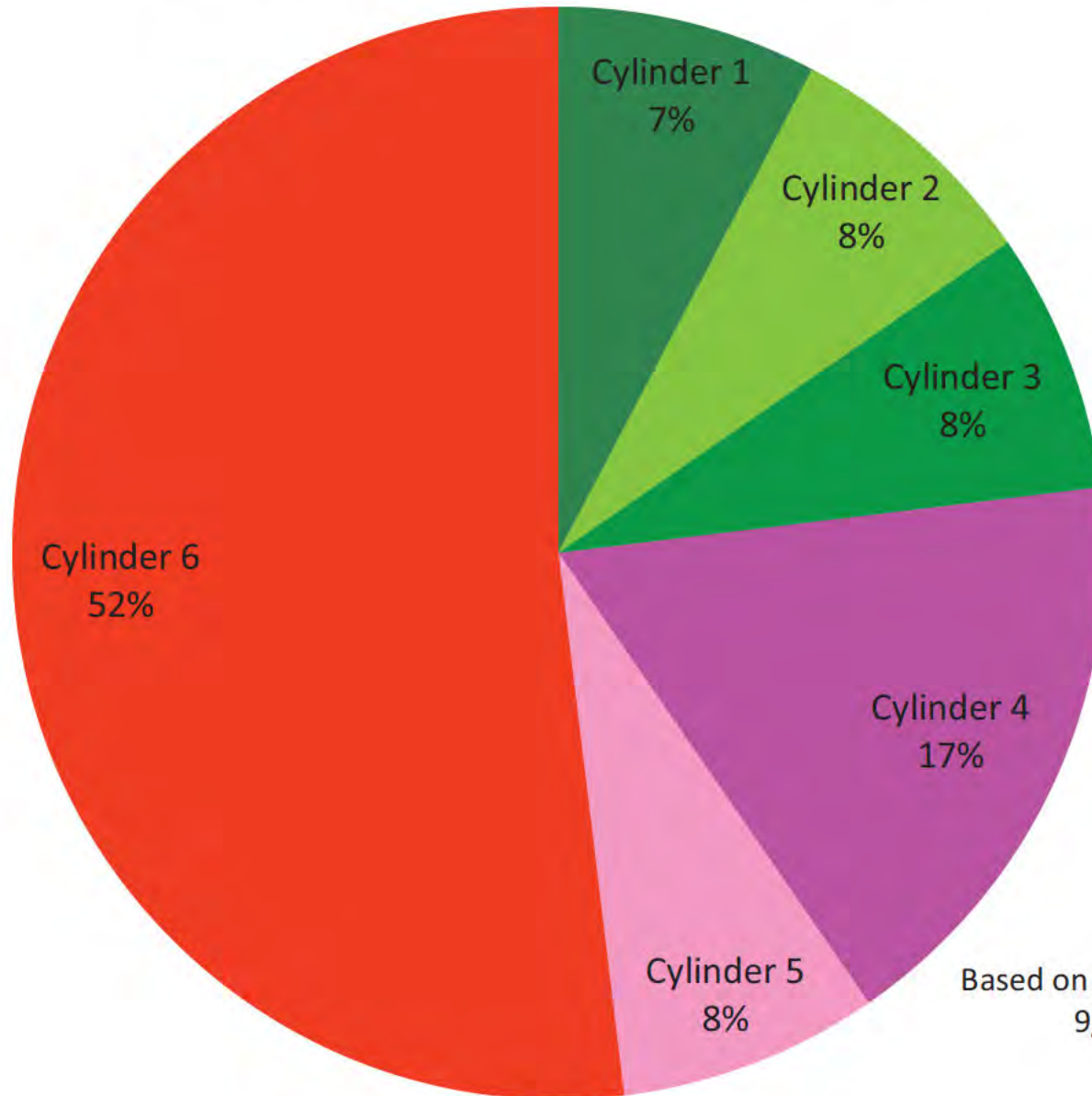
To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.  
US Toll Free Number: +1-888-628-3668  
FordNet 248-3668 / Toll: +1-313-248-3668  
Global call-in numbers: <https://ford.webex.com/ford/globalcallin.php?serviceType=MC&ED=185682342&tollFree=1>  
Toll-free dialing restrictions: [http://www.webex.com/pdf/tollfree\\_restrictions.pdf](http://www.webex.com/pdf/tollfree_restrictions.pdf)

Access code:710 284 606

MC06

<http://www.webex.com>

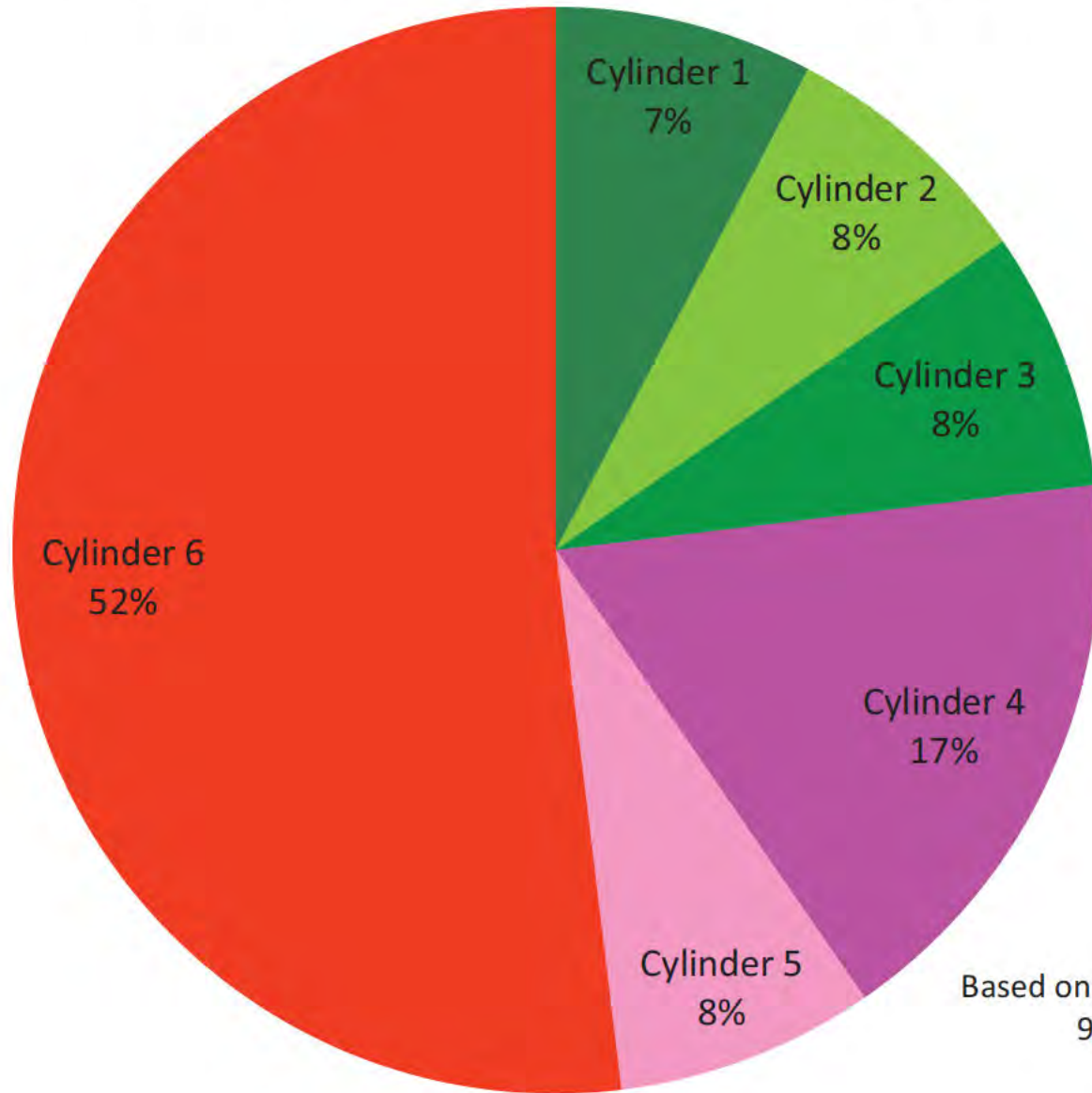
**MY12 3.5L TiGTDI Warranty Returns Analysis by Cylinder  
Ignition Coil - No Trouble Found (Single Cylinder Code)**



Based on claims data up to  
9/17/2012

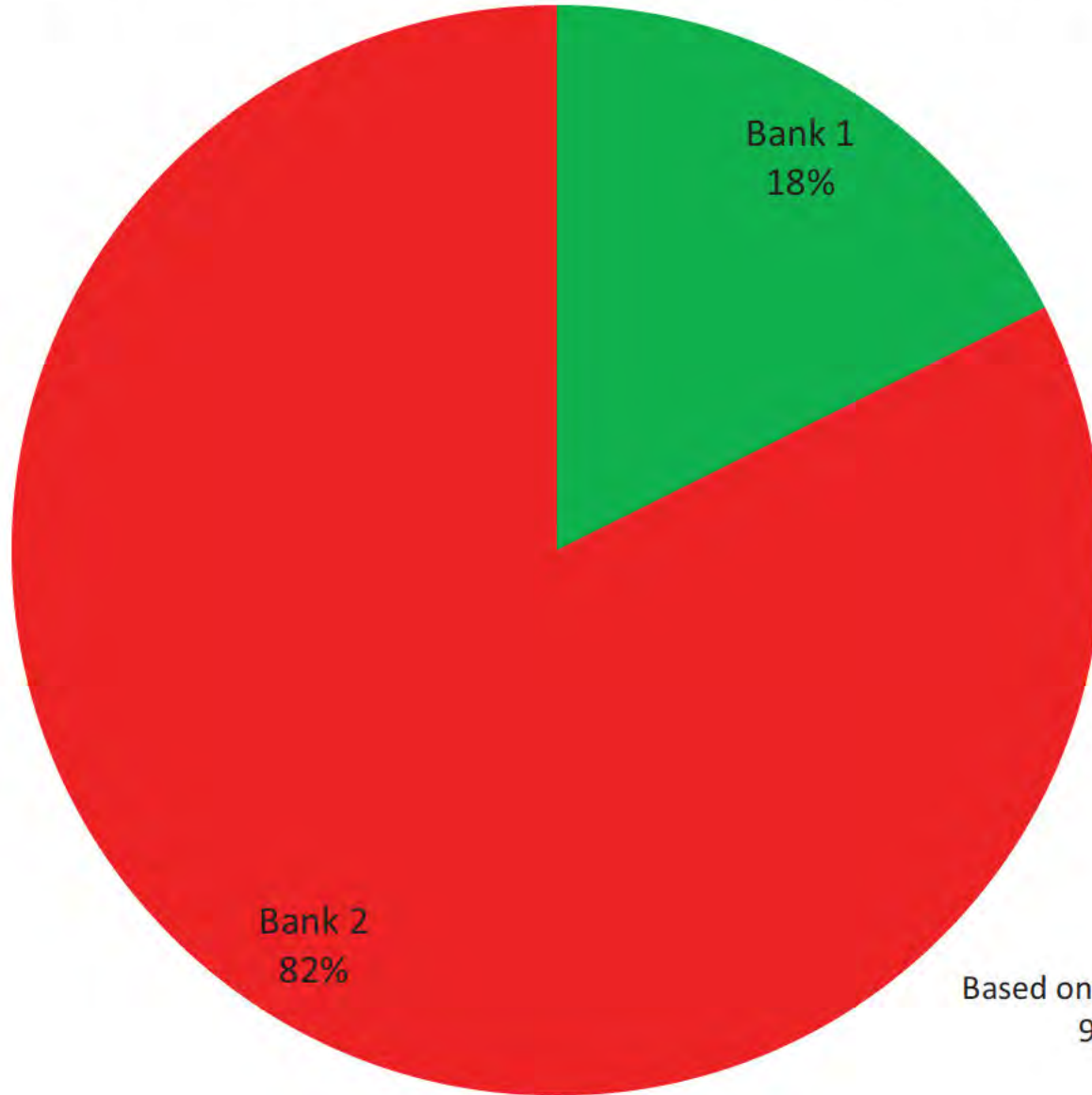


**MY11.5 3.5L TiGTDI Warranty Returns Analysis by Cylinder  
Ignition Coil - No Trouble Found (Single Cylinder Code)**



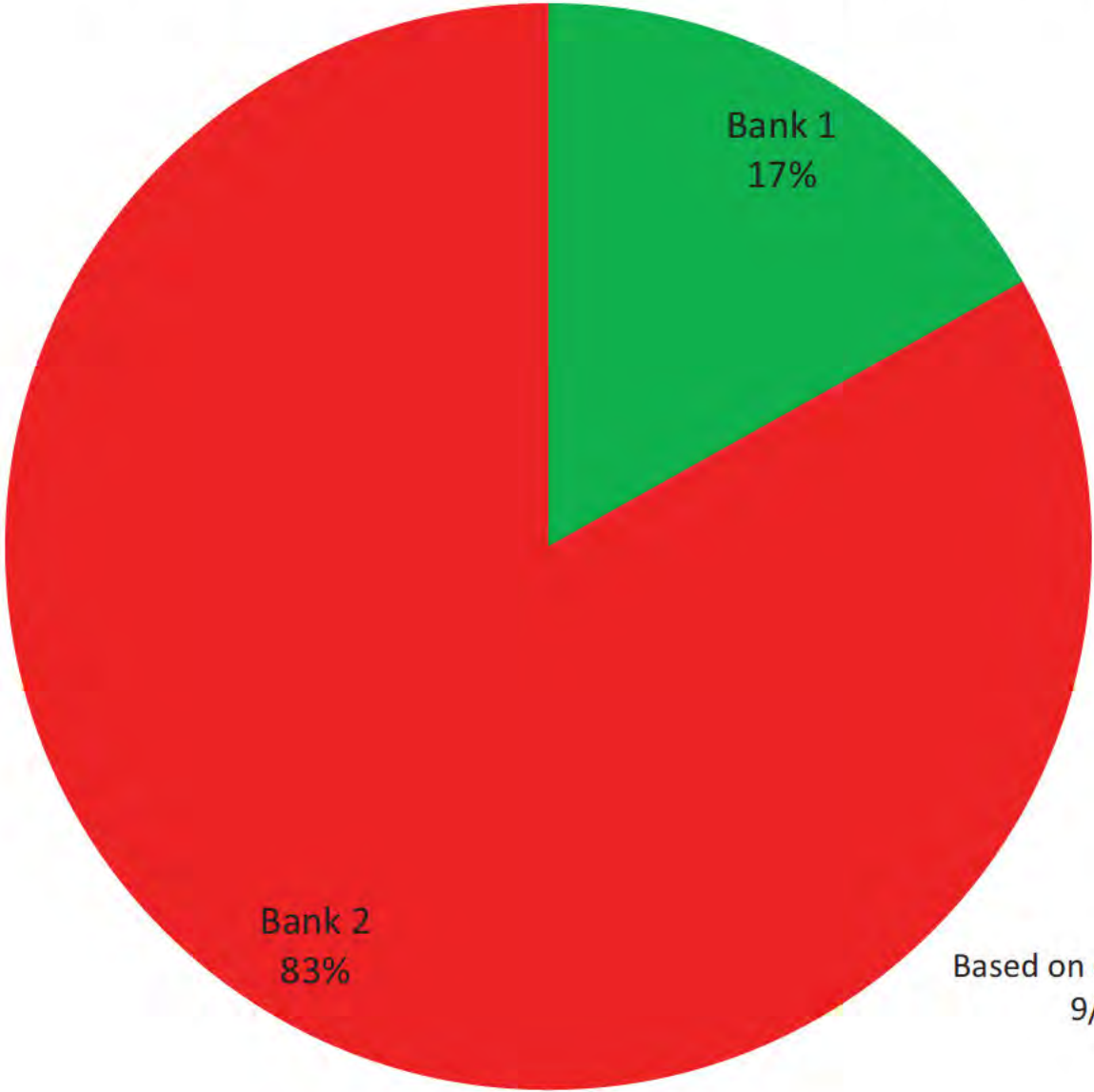
Based on claims data up to  
9/17/2012

**MY12 3.5L TiGTDI Warranty Returns Analysis by Cylinder  
Ignition Coil - No Trouble Found (Includes Multiple Cylinder Codes)**



Based on claims data up to  
9/17/2012

**MY11.5 3.5L TiGTDI Warranty Returns Analysis by Cylinder  
Ignition Coil - No Trouble Found (Includes Multiple Cylinder Codes)**



Based on claims data up to  
9/17/2012

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, August 07, 2012 1:56 PM  
**To:** Smith, Craig (C.A.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Yes I see too. Mike Stelic is claims file and ran it through A/S and plotted the data. The March production 3 MIS data point is about 20% lower than the Jan data point.

Trend data is very confounded with the impact of the impact of the TSBs we have issued that have tended to create claims spike due to pent up demand.

---

**From:** Smith, Craig (C.A.)  
**Sent:** Tuesday, August 07, 2012 11:24 AM  
**To:** Oberski, Christopher (C.); Gernant, Tim (T.R.); Dixon, Mark (M.R.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Mark,

Is the 20% improvement in Cat R/1000 for ICA1 based upon actual data from the field? I assume that projections for ICA2 and PCA are best guesses at this point based upon CAC D&R's engineering judgment. Correct?

Thanks

Craig Smith  
Supervisor - Engine Calibration  
3.5L TIVCT GTDI 3.5L IVCT GTDI Powerpac's  
Phone 313 805-6345  
TEE Bldg cube 1AD08

---

**From:** Smith, Craig (C.A.)  
**Sent:** Tuesday, August 07, 2012 11:15 AM  
**To:** Oberski, Christopher (C.); Gernant, Tim (T.R.)  
**Subject:** FW: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

This is the latest data provided by Mark Dixon.

Thanks

Craig Smith  
Supervisor - Engine Calibration  
3.5L TIVCT GTDI 3.5L IVCT GTDI Powerpac's  
Phone 313 805-6345  
TEE Bldg cube 1AD08

---

**From:** Dixon, Mark (M.R.)  
**Sent:** Tuesday, August 07, 2012 8:12 AM  
**To:** Smith, Craig (C.A.); McDonagh, Scot (S.M.); Whitehead, Joseph (J.P.); Dobson, Kevin (K.E.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

In o on latest data on GTDI mis fire R/1000 and TG along ith protected uality improvements or the bloc er plate and ne CAC. These metrics are at the total F-Series level. Multiply roughly by 2 to get to the GTDI level.

e dialed bac the improvement or the Feb R10 ith the 3 MIS data e ust got. Still very little data on the bloc er plate improvement - ill need more maturity o the data to ma e a good call on this.

<< File: Bennie Fowler GTDI Misfire\_ICA&PCA Slide.ppt >>

---

**From:** Smith, Craig (C.A.)  
**Sent:** Thursday, August 02, 2012 12:08 PM  
**To:** McDonagh, Scot (S.M.); Whitehead, Joseph (J.P.); Dixon, Mark (M.R.); Garrett, David (D.P.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Nothing new in strategy/calibration for CAC condensate misfire. The revised CAC hardware is the only remaining action that's been identified. I hope it works.

Than s

Craig Smith  
Supervisor - Engine Calibration  
3.5L TIVCT GTDI 3.5L IVCT GTDI Po erpac s  
Phone 313 805-6345  
TEE Bldg cube 1AD08

---

**From:** McDonagh, Scot (S.M.)  
**Sent:** Thursday, August 02, 2012 9:35 AM  
**To:** Smith, Craig (C.A.); Whitehead, Joseph (J.P.); Dixon, Mark (M.R.); Garrett, David (D.P.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Than s- Is there any ne content being released or 11-13MY CAC Condensate ingestion Meeting ith FCSD and PT Cooling tomorro to discuss TSB release or ne CAC. FCSD is opening a ne Emerging Concern or vehicles not resolved ith CAC De lector.

<< Message: FW: Repeat CAC Misfire After TSB 12-6-4 for Deflector Shield/reflash at Emerging Level. >> << Message: P415 Misfire CAC Release >>

[Scot G. McDonagh](#)  
PT uality Engineering  
Phone 313 337-8091  
[smcdonag\\_ord.com](mailto:smcdonag_ord.com)

---

**From:** Smith, Craig (C.A.)  
**Sent:** Thursday, August 02, 2012 9:02 AM  
**To:** McDonagh, Scot (S.M.); Whitehead, Joseph (J.P.); Dixon, Mark (M.R.); Garrett, David (D.P.)  
**Subject:** RE: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Yes, as soon as we can get strategy. These fixes are required on various powerpacks/programs. Dave Garrett is working on a strategy roll out plan but I'd assume that 13MY current production will have highest priority. We'll have to wait and see where 11/12MY P415 is placed in his list.

Thanks

Craig Smith  
Supervisor - Engine Calibration  
3.5L TIVCT GTDI 3.5L IVCT GTDI Powerpac  
Phone 313 805-6345  
TEE Bldg cube 1AD08

---

**From:** McDonagh, Scot (S.M.)  
**Sent:** Thursday, August 02, 2012 8:56 AM  
**To:** Smith, Craig (C.A.); Whitehead, Joseph (J.P.); Dixon, Mark (M.R.)  
**Subject:** FW: PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

Is long crank time content being released into Service for 11-12MY P415 GTDI

<< File: 2013\_R08\_120731.doc >>

[Scot G. McDonagh](#)  
PT Quality Engineering  
Phone 313 337-8091  
[smcdonag@ord.com](mailto:smcdonag@ord.com)

---

**From:** Peters, Robin (R.S.)  
**Sent:** Wednesday, August 01, 2012 2:50 PM  
**To:** Arbanas, Kelly (K.M.); Backer, Brad (W.B.); Bailey, Owen (O.R.); Bartel, Scott (S.M.); Beckerman, Joel (P.); Benedetti, Dario (D.); Borthwick, Duncan (D.); Brown, Lori (L.K.); Burnick, Timothy (T.A.); Bush, Duane (D.R.); Bushey, David (D.R.); Caesar, Cynthia (C.L.); Camaj, Linda (.); Carroll, Lori (L.J.); Chea, Top (T.C.); Chopp, Andrew (A.T.); Chryczyk, Frank (.); Clancy, Kelly (K.); Clary, Brian (B.S.); Cole, Leonard (F.); Corbett, Sandy (S.M.); Croo, Lyle (LRC.); Cusumano, Jacob (J.J.); Dame, Andrew (A.C.); Davis, Charles (C.); DeBrule, Peter (P.E.); Dobbs, Dan (K.D.); Dona, Alan (A.R.); Douglas, Jason (J.); Dudar, Aed (A.M.); Dunn, Keith (K.R.); Ek, Carl (C.H.); Fleming, Mark (M.D.); Forintos, Darryl (D.A.); Fujiwara, Kanako (K.); Galas, Dean (C.K.); Garrett, David (D.P.); Gernant, Tim (T.R.); Godula, Gary (G.M.); Gorys, John (JPG.); Hamilton, Steven (S.C.); Hammoud, Mazen (M.); Hawver, Kristine (K.M.); Hinman, Beth (B.); Howard, John (H.); Howard, Steven (S.M.); Humphries, Glenn (G.L.); Irvin, Krys (K.I.); Ivey, Will (W.); Jarvis, Marion (.); Jennings-White, Quentin (D.Q.); Jungbluth, Karl (K.); Kantrow, Mary Ann (M.A.); Kapitanec, Cheryl (C.); Kenny, Lauren (L.); 'Kettelhake Martin (DGS-EC/ENC1-NA)'; Klingensmith, Robert (R.D.); Krygowski, Richard (R.J.); Kulhanek, Michael (M.L.); Leon, Edith (E.); Less, Edward (E.G.); Li, Amy (A.); Liebling, Doug (D.E.); Lujan, Pedro (P.S.); [sarahi.reynoso@us.bosch.com](mailto:sarahi.reynoso@us.bosch.com); Awan Muhammad-Shaharyar (DGS-EC/ECU3); Emmanuel Hernandez (Noli) ([Emmanuel.Hernandez@us.bosch.com](mailto:Emmanuel.Hernandez@us.bosch.com)); EXTERNAL Szamiel Sebastian (Cucor, DGS-EC/ENC1-NA) ([external.Szamiel2@us.bosch.com](mailto:external.Szamiel2@us.bosch.com)); Karwande Neal (GS/SFO1-NA); Makowski, Michael (M.A.); Malone, Mark (M.D.); Mansur, William (N.); Mathews, Cherry ([cherry.mathews@in.bosch.com](mailto:cherry.mathews@in.bosch.com)); Matysiewicz, Edwin (E.J.); McDonagh, Scot (S.M.); McRae, Judy (.); Michael Dwyer ([Michael.Dwyer@us.bosch.com](mailto:Michael.Dwyer@us.bosch.com)); Michela, Mike (M.); Miller, Brian (B.J.); Mills, Linda (L.S.); Misangyi, Pete (P.W.); Moore, Brian (B.M.); Moran, Kevin (K.C.); Mros, Nolan (N.E.); Murray, Jim (J.R.); Nelson, Ryan (R.T.); Nowaczyk, Rick (R.J.); Nunez, Carlos (C.); Parker, Kevin (K.D.); Patel, Pragna (P.A.); Perini, Rob (R.M.); Perry, Brian (B.J.); Petrut, Adrian (A.V.); Pijor, Donald (D.J.); Pinet, Paul (.); Pizzimenti, Tom (T.V.); Pline, Roger (A.); Queener, Lawrence (L.A.); Rangaswamy K (RBEI/BSP2); Raymond, Dennis (D.J.); Riordan, Paul (P.R.); Roberts, George (G.); Roberts, Ryan (R.S.); Rodriguez, Debi (D.G.); Roth, John (J.C.); Saad, Thomas (T.J.); Sabuda, Mark (M.S.); Sargent, Timothy (T.L.); Saylor, Eric (E.L.); Scannell, Mike (M.R.); Scheffler, Daniel (D.A.); Schneidau, Dan (D.); Schneider, Mike (M.F.); Scully, James (J.M.); Shay, Toni (T.M.); Sirgedas, Vitas (V.J.); Skinner, LaVonne (L.L.); Smith, Bob (L.); Smith, Craig (C.A.); Smith, Stacy (S.A.); Soberanis, Edmundo (E.); Soloway, Sheri (S.); Stanton, Richard (R.A.); Stoll, Bob (Robert E.); Sullivan, Todd (T.E.); Syrylo, Shelley (S.C.); Szumny, Paul (P.A.); Szuszman, Paul (P.J.); Tejada, Angelito (A.S.); Tran, Dan (D.H.); Trupiano, Vito (V.A.); Vykydal, Marianne (M.L.); Webster, Denise (D.H.); Westermann, W Scott (W.S.); Whitehead, Joseph (J.P.); Wicks, John (J.C.); Wilson, Marie (M.); Woods, Harold (H.V.); Worthington, Richard (R.E.); Young, Dan (D.G.); Zilinskas, Steve (S.E.)  
**Subject:** PCM Release Workplan -- 2013 3.5L P415 R08 (C12581009)

The attached PCM release workplan was developed at today's 2:00 p.m. meeting covering the 2013 3.5L P415 R08. If you have any questions or issues with timing, please contact me ASAP.

<< File: 2013 3.5L P415 R08.xls >>

*Robin Peters*

Ford Motor Company

Truck PCM Timing Analyst

Certification Programs Dept. VEE

Des Phone 313-39-**04218**

or Cell 313-805-3628

---

**From:** Cowher, Terry (T.)  
**Sent:** Thursday, May 10, 2012 9:44 AM  
**To:** Hammoud, Mazen (M.); Smith, Craig (C.A.)  
**Subject:** P415 3.5L VP Review Deck



04/10/2012 09:44 AM  
© Terry J. Cowher, Inc.

**TERRY J. COWHER**

Calibration □ quality  
Cell 313-805-6360  
Des □ 313-323-8843



# **P415 Early Check Box / Verbatims**

# 2012MY P415 3.5L G RS Chec Box / Verbatims

## WAVE1 – 2 Check Boxes

Redacted for relevance

### V29 Check Engine Light:

- 1FTF11ET7CF [REDACTED] - P0299 Turbo Charger Underboost □ *"With only 27 miles on my new vehicle, the check engine light came on. When I returned it to the dealership to have it serviced, it took several days to discover the issue and have it resolved. This is not what I expected with a new vehicle. Paul Miller Ford Sales provided excellent care, though."* Technician □ Found □ wastegate actuator solenoid sticking at times causing underboost condition. Replaced Solenoid-Turbo Cont BL3□ 9K378-A.

## Process – Weekly Check Box / Verbatim reviews to identify and resolve issues

## WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) 24 new check boxes since last pull 4/19/12

Redacted for relevance

### V29 Check Engine Light:

Redacted for relevance

- 1FTFW1ET9CF [REDACTED] – *"When high humidity or during rain, the engine occasionally misfires and engine light comes on. I have to pull over and restart engine to clear malfunction."* Warranty Repair P0316 - CUST STATES WHEN ACCELL AT 45 50 LIKE TO PASS, HASMISS, RUNS ROUGHT TILL SHUT OFF, WARNING LIGHT ON AT TIMES. Repair – Engineering is investigating / binned to DIAG
- 1FTNF1CT8CK [REDACTED] - No Verbatim / Warranty Repair – Misfire DTC P0301 unable to duplicate called hotline. Repair DIAG.

### V40 Engine Idles:

- 1FTFW1CT7CF [REDACTED] – (D11) *"The Eco Boost engine runs at a fast idle during a cold start up (about 1,000 RPM). When shifting out of park into reverse, I need to put hard pressure on the brake to keep the truck from jumping out of my garage. I've gotten used to it, so I just deal with it. Sometimes (rarely) I notice a hard bump when the transmission shifts from third to fourth gear."* / BD 11/16/11 No warranty Repairs

Redacted for relevance

- 1FTFX1ET1CF [REDACTED] – (D11/D12A) No Verbatim / 1 Warranty Repair 2/23/12 Customer complains of surge. Repair reflash module per TSB 12 2 10 / BD 12/02/11
- 1FTFW1ET6CK [REDACTED] - (D11 / D13A) *"No gas cap. Turbo, torque converter, and intercooler issue."* / Warranty Repair – No DTC's Present performed TSB 12 02 10 RECAL

**V52 Driveability: See Next Slide**

# 2012MY P415 3.5L G RS Chec Bo / Verbatims

## WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) 24 new check boxes since last pull 4/19/12 Out of the 24 new checkboxes 1 customer checked 13 boxes

### V52 Driveability:

- 1FTFW1ET1CK [REDACTED] - (D03A / D37A) "Engine is slow to start in the morning and it hesitates. Takes longer to start than expected. Gas mileage is much less than expected. In city it gets 15 MPG, on the highway it gets 16 MPG. I am very disappointed with the gas mileage, it's much less than expected. Transmission shift from reverse to drive, lags in the morning to catch on." No Warranty Repairs
- 1FTFW1ET1CK [REDACTED] - (D36A / D42A) No Verbatim / No Warranty Repair
- 1FTFW1ET2CF [REDACTED] - (D36A) No Verbatim / No Warranty Repair
- 1FTFW1ET3CF [REDACTED] - (D21E) "Engine quit on me going 35 MPH in a real hard rainstorm. I let it set a few minutes and then it started up. I have not been able to find problem. I haven't been in a real hard rain since, though. Also, the best highway mileage is about 17 MPG, and around 12 in the City. It is rated at 22 MPG on highway and 15 in city. Dealer cannot find what causes this. I have the new 3.5 EcoBoost Ford engine with 373 rear end." No Warranty Claim
- 1FTFW1ET5CF [REDACTED] - (D41 / D42B) "The engine is missing at highway speeds, going up a grade." No Warranty repairs
- 1FTFW1ET8CF [REDACTED] - (D37A) No Verbatim / No Warranty Repair
- 1FTFX1ET1CF [REDACTED] - (D03B) No Verbatim / No Warranty Repair
- 1FTFX1ET6CK [REDACTED] - (D42U) "Engine floods out when immediate acceleration is required. Engine jerks during the breakdown from 2nd gear to 1st, as if too much play in transmission." No Warranty repair
- 1FTFW1ET9CF [REDACTED] 19360 - (D36A/D42B) No Verbatim / 1 Warranty Repair under V29 for DTC P0316 / BD 21/1/11
- 1FTFW1ETXCK [REDACTED] - (D41) No Verbatim / Also checked V40 D13A / No Warranty Repair / BD 11/17/11
- 1FTNF1CT8CK [REDACTED] - (D42B) - "Started to pass a vehicle, when I demanded more acceleration, the transmission downshifted to a lower gear than it should have. This caused the motor to rev to the rev limiter and shut some cylinders and the firing process down." / Also checked V29 Check Engine Light with 1 warranty repair Misfire DTC P0301 unable to duplicate called hotline. Repair DIAG.

**New Checkboxes on next slide**

# 2012MY P415 3.5L G RS Chec Bo / Verbatims

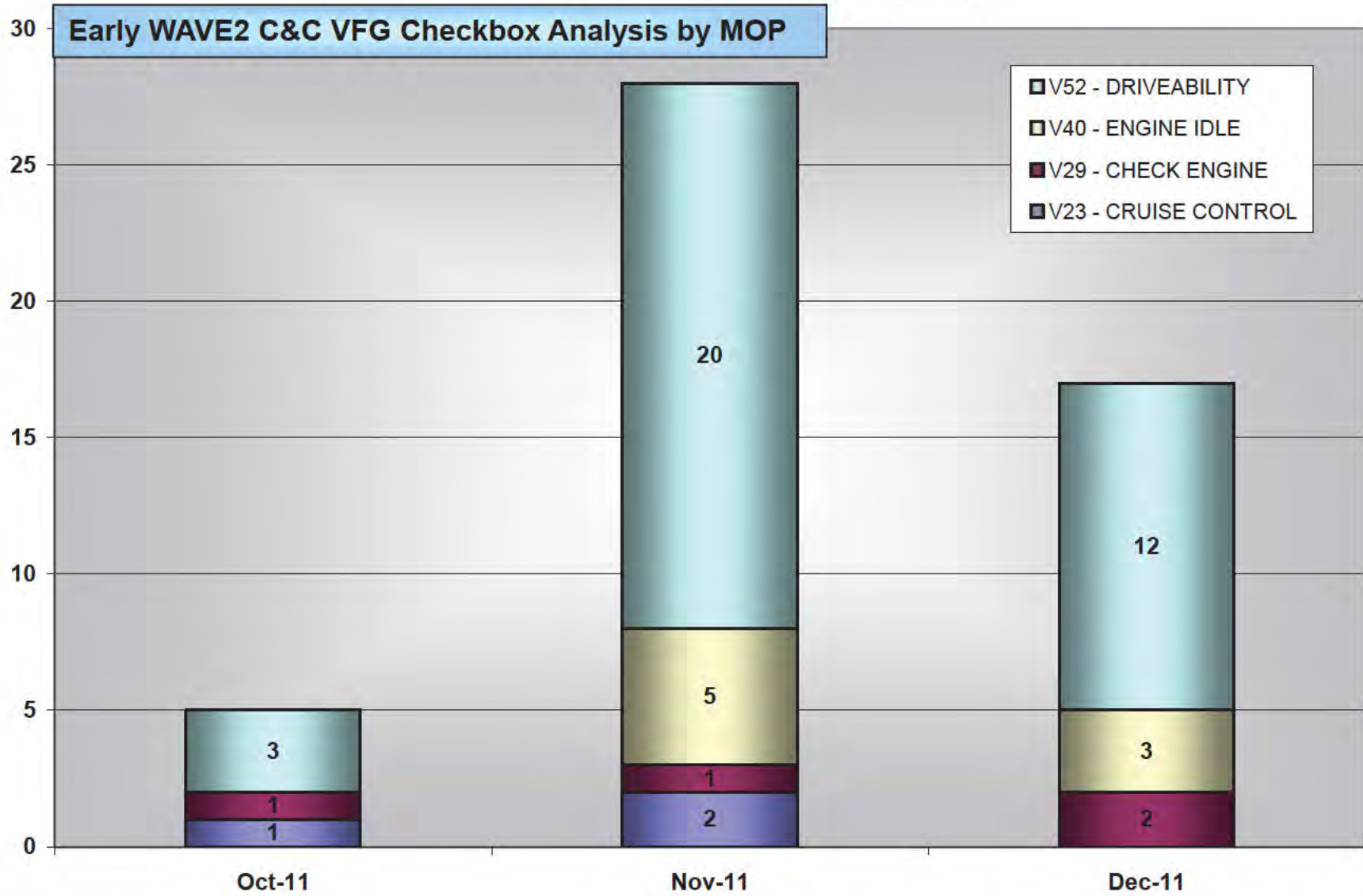
**WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) 24 new check boxes since last pull 4/19/12**  
**Out of the 24 new checkboxes 1 customer checked 13 boxes**

## **V52 Driveability:**

- 1FTFW1ET1CF [REDACTED] – (D21B / D42B) *“While trying to pass it didn't turn over and give me power to speed up, stalled out at 75. This has only happened one time and right after the incidence I tried it again and it worked.” / No Warranty Repair*
- 1FTFW1ET5CK [REDACTED] – (D36A / D42A) *“The engine has a miss and runs rough while accelerating under a light load in 6th gear. A TSB has been issued to correct this, but I have not be officially notified about the solution. The transmission shifts rough from 2-3 on some occasions, it seems to be intermittent.” / Warranty Repair Customer Comment □ TRANSMISSION HAS A SHUDDER WHEN SLOWING DOWN, CHECK TSB AS PER TSB 12 02 10 REPROGRAM PCM*
- 1FTFW1ET6CK [REDACTED] (D21D / D21E / D42A / D42B) – *“No gas cap. Turbo, torque converter, and intercooler issue.” No Verbatims with the following chec□bo□es (D03A / D03B / D36A / D36B / D37A / D37B / D41) / Warranty Repair – No DTC's Present performed TSB 12 02 10 RECAL*
- 1FTFW1ETXCK [REDACTED] – (D21U / D42U) – *“Had to take truck in at 7,000 miles, have had 2 issues with cutting out and no power.” / 2 Warranty Claims P0430 Recal TSB 12 2 10. 2<sup>nd</sup> repair P0306 DTC contacted hotline Engineering working on concern.*
- 1FTFX1ET0CK [REDACTED] – (D42U) – *“Vehicle chugs when under slight load at highway speeds.” / 2 Warranty Repairs – Both for flashing MIL hotline contacted no repair on first visit. Second visit reflash per TSB 12 2 10.*
- 1FTFX1ET7CF [REDACTED] – (D03B) – *No Verbatim / No warranty Repairs*
- 1FTFX1ET7CF [REDACTED] – (D03U) – *“1) When turning the key to start the truck it seems to hesitates before the engine begins to turn over. 2) When pushing on the peddle the truck seems to jump (like going from 2 MPH to 5 or 6 right now). Doesn't accelerate smoothly.” / No warranty repairs*

# 2012MY P415 3.5L G RS MOP Chec Bo es

P415 3.5L WAVE2 Check Box by VFG/MOP



# 2012MY P415 3.5L G RS V52 Chec Bo / Verbatim Binning

## WAVE 2 Checkboxes / Verbatim Binning

### V52 Driveability:

Redacted for relevance

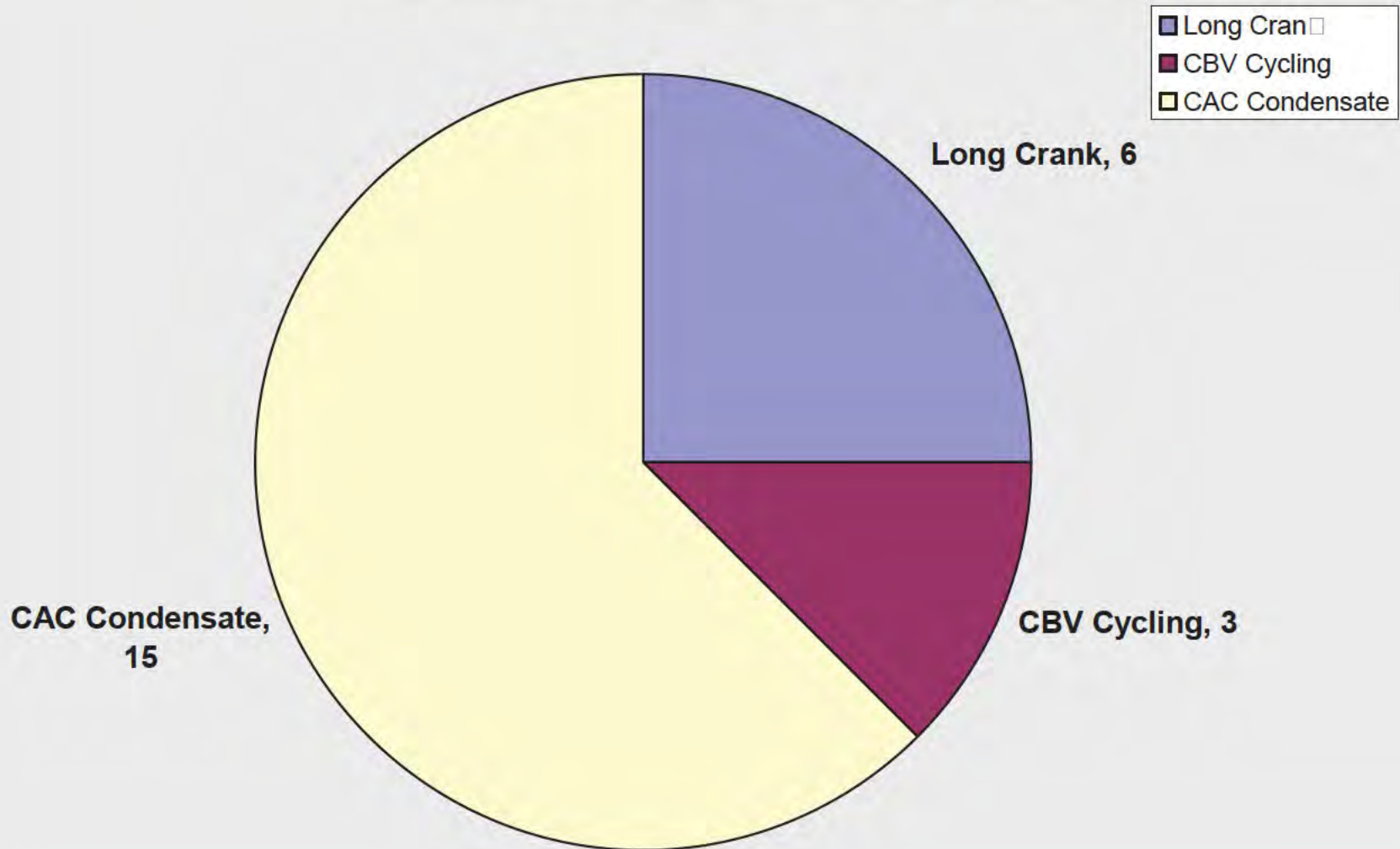
Redacted for relevance

### V52 – Driveability Binning Breakdown.

- 1FTFW1ET3CF [REDACTED] - (D21E) CAC Condensate
  - 1FTFW1ET5CF [REDACTED] - (D41 / D42B) CAC Condensate
  - 1FTFX1ET6CK [REDACTED] - (D42U) CAC Condensate
  - 1FTFW1ET9CF [REDACTED] - (D36A/D42B) CAC Condensate
  - 1FTNF1CT8CK [REDACTED] - (D42B) – CAC Condensate
  - 1FTFW1ET1CF [REDACTED] - (D21B / D42B) CAC Condensate
  - 1FTFW1ETXC [REDACTED] - (D21U / D42U) – CAC Condensate
  - 1FTFX1ET0CK [REDACTED] - (D42U) – CAC Condensate
  - 1FTFW1ET1CK [REDACTED] - (D36A / D42A) CAC Condensate
  - 1FTFW1ET2CF [REDACTED] - (D36A) CAC Condensate
- 1FTFW1ET6CK [REDACTED] (D21D / D21E / D42A / D42B / D03A / D03B / D36A / D36B / D37A / D37B / D41) –  
Anticipate this customer will be removed from the published WAVE2 results.

# 2012MY P415 3.5L V52 G RS Chec Bo Binning

## 2012MY P415 3.5L V52-Drivability Check Box Binning



Early WAVE2 Verbatim Review has Identified 3 Issues. CAC Condensate, Intermittent Long Crank and CBV Cycling

# 2012MY P415 3.5L V52 Driveability Actions

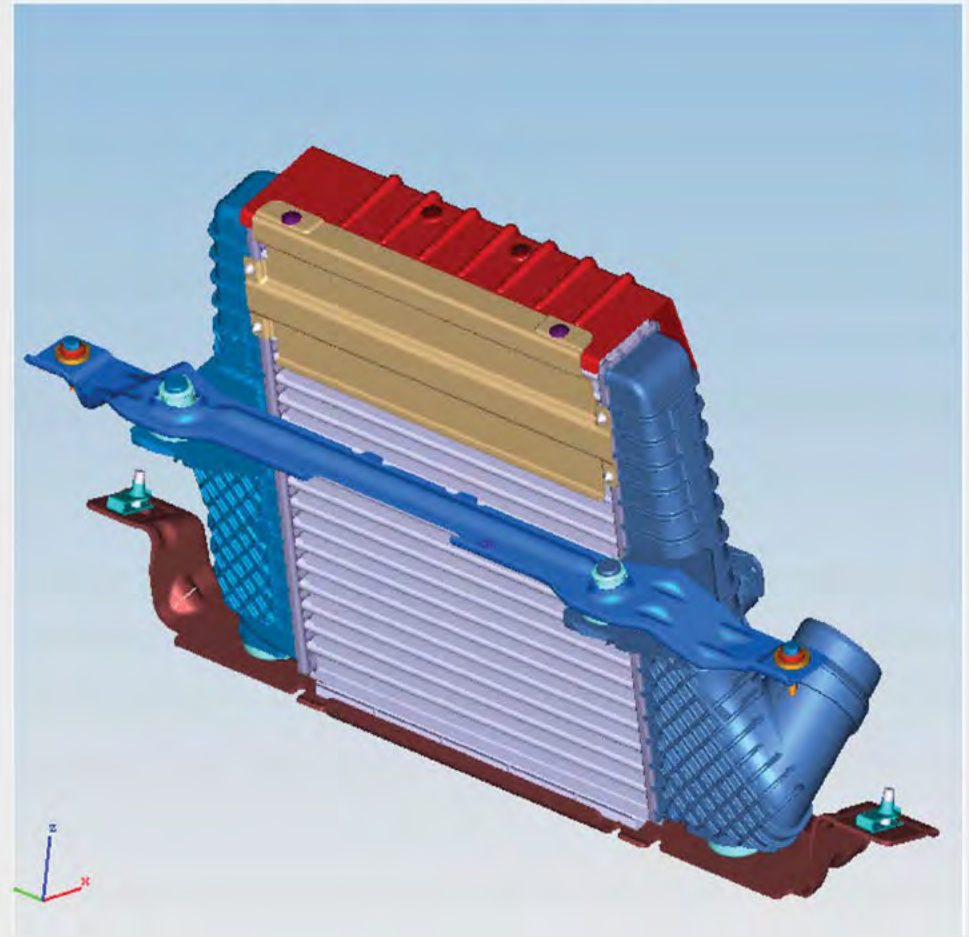
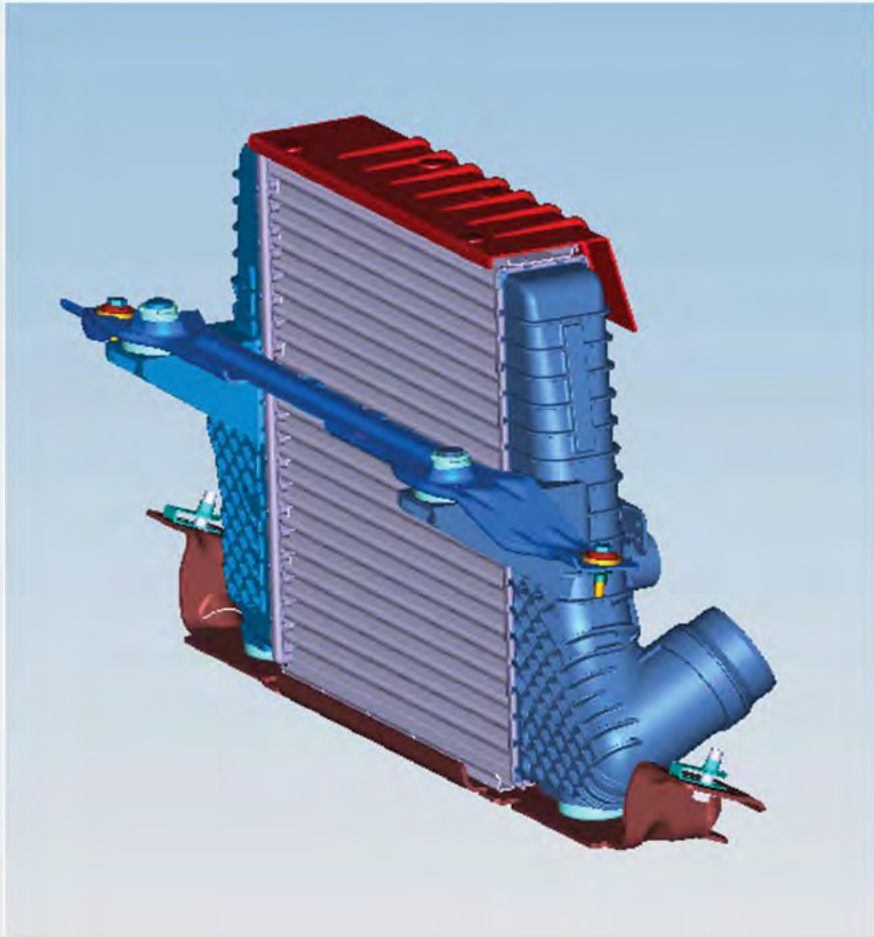
<u>Issue</u>	<u>Status</u>	<u>Plan</u>	<u>Check Box Impact</u>	<u>Comments</u>
<p>CAC Condensate – Customers describe intermittent hesitations and symptoms of lack's power. Example  <i>"While trying to pass it didn't turn over and give me power to speed up, stalled out at 75. This has only happened one time and right after the incidence I tried it again and it worked."</i></p>	<p>ICA – External Air Blocker (Slide 9)</p> <p>PCA – Multiple PCA alternatives being considered by cross functional team.</p>	<p>ICA – Plant Implementation Mid May MOP</p> <p>PCA – Timing Plan</p>	<p>ICA - Requesting <input type="checkbox"/> improvement analysis by cross functional team</p> <p>PCA - 100 <input type="checkbox"/></p>	<p>Recommendation <input type="checkbox"/></p> <p>CAC Condensate / Misfire team investigating multiple PCA alternatives. Calibration Recommends Implement CAC AGS</p>
<p>Redacted for relevance</p>				
<p>Redacted for relevance</p>				



# 2012MY P415 3.5L CAC ICA

Existing CAC Assy.

Existing CAC w/ External Air Blocker (tan color)



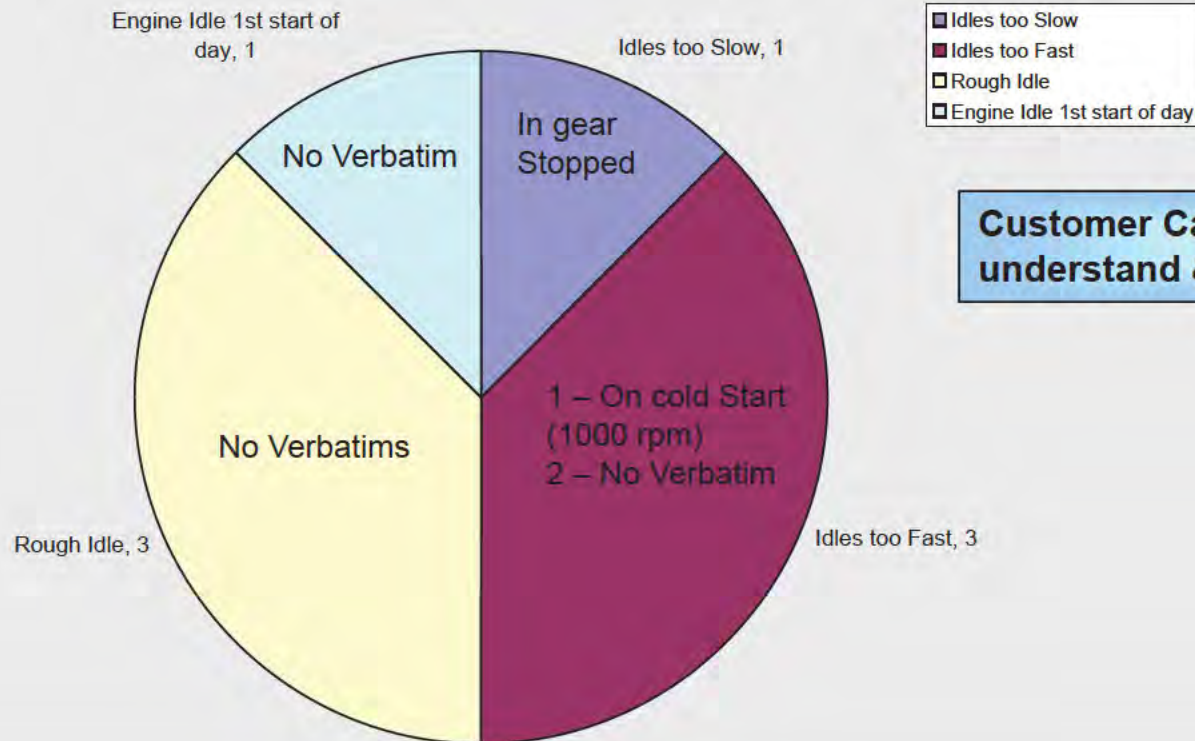
# 2012MY P415 3.5L G<sub>RS</sub> V40 Engine Idles Chec<sub>Bo</sub>/ Verbatims

## V40 Engine Idles:

Redacted for relevance

- 1FTFW1ETXCKD [REDACTED] - (D13A) No Verbatim / No Warranty Repair / BD 11/17/11
- 1FTFX1ET1CF [REDACTED] - (D11/D12A) No Verbatim / 1 Warranty Repair 2/23/12 Customer complains of surge. Repair reflash module per TSB 12 2 10 / BD 12/02/11
- 1FTFW1ET6CK [REDACTED] - (D11 / D13A) "No gas cap. Turbo, torque converter, and intercooler issue." / Warranty Repair – No DTC's Present performed TSB 12 02 10 RECAL

## V40 Engine Idles Check Boxes



# 2012MY P415 3.5L G□RS V29 Chec□Engine Chec□Bo□/ Verbatims

**WAVE1 / WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) 24 new check boxes since last pull 4/19/12**

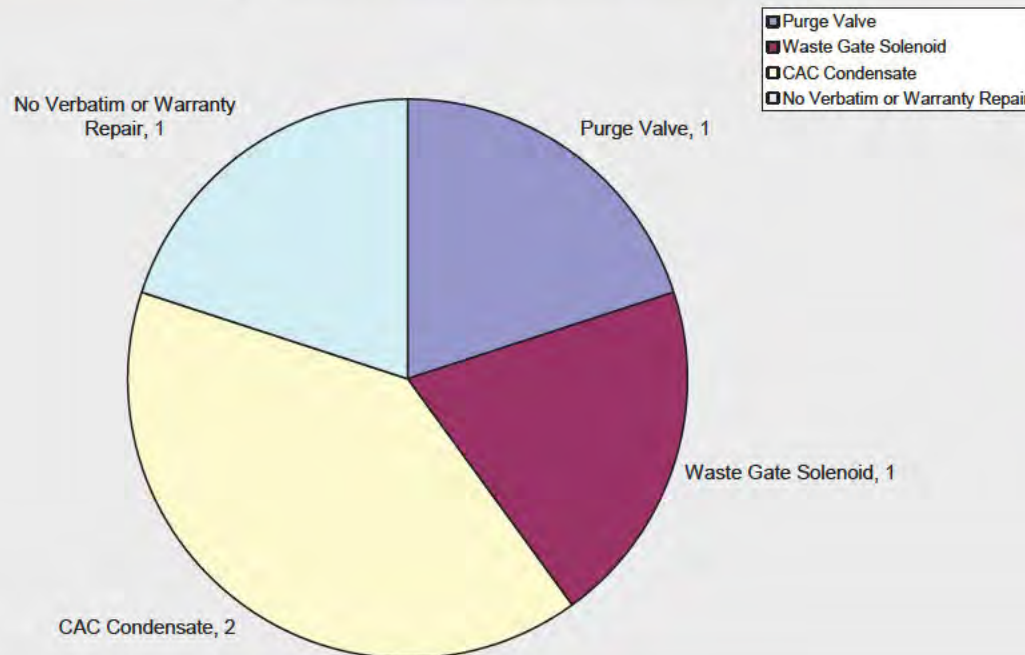
## V29 Check Engine Light:

- 1FTFW1ET7CF [REDACTED] - P0299 Turbo Charger Underboost – “With only 27 miles on my new vehicle, the chec□engine light came on. When I returned it to the dealership to have it serviced, it too□several days to discover the issue and have it resolved. This is not what I e□pected with a new vehicle. Paul Miller Ford Sales provided e□cellent care, though.” Technician – Found wastegate actuator solenoid stic□ing at times causing underboost condition. Replaced Solenois-Turbo Cont BL3Z-9K378-A.

Redacted for relevance

- 1FTFW1ETXCK [REDACTED] – No Verbatim / No Warranty Repair
- 1FTFW1ET9CF [REDACTED] – “When high humidity or during rain, the engine occasionally misfires and engine light comes on. I have to pull over and restart engine to clear malfunction.” Warranty Repair P0316 - CUST STATES WHEN ACCELL AT 45 50 LIKE TO PASS, HASMISS, RUNS ROUGHT TILL SHUT OFF, WARNING LIGHT ON AT TIMES. Repair – Engineering is investigating / binned to DIAG
- 1FTNF1CT8CK [REDACTED] – No Verbatim / Warranty Repair – Misfire DTC P0301 unable to duplicate called hotline. Repair DIAG.

**P415 3.5L GQRS V29 - Check Engine Light Breakdown**



**Hardware Issues:**

- CAC Condensate
- Purge Valve
- Waste Gate Solenoid

Bac - up

# 2012MY P415 3.7L G RS Chec Bo / Verbatims

## WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) No new check boxes since last pull 4/19/12

Redacted for relevance

### V29 Check Engine Light:

➤ No Checkboxes

### V40 Engine Idles:

Redacted for relevance

### V52 Driveability:

➤ 1FTEX1EM9CK [REDACTED] – (D37A/D37B) No Verbatim for Drivability Checkboxes. They did provide a verbatim for Rough Idle. See above in V40. This vehicle is a 4x4 E1 Cab which replaces a 1997 RAM. BD 01/07/12 No warranty repairs as of 4/19

# 2012MY P415 5.0L G RS Chec Bo / Verbatims

## WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) 1 new check boxes since last pull 4/19/12

### V23 Cruise Control:

> No ChecBoes

### V29 Check Engine Light:

> No ChecBoes

### V40 Engine Idles:

Redacted for relevance

### V52 Driveability:

Redacted for relevance

# 2012MY P415 6.2L G RS Chec Bo / Verbatims

**WAVE 2 Checkboxes / Verbatims (Updated 5/04/12) No new check boxes since last pull 4/19/12**

**V23 Cruise Control:**

> No Chec  Bo  es

**V29 Check Engine Light:**

> No Chec  Bo  es

**V40 Engine Idles:**

> No Chec  Bo  es

**V52 Driveability:**

> 1FTFW1R65 [REDACTED] – (D36A) No Verbatim / No Warranty Repairs / BD 01/05/12

# G RS2 PTCC VFG/CCC/CCC Qualifier Reference

## PT CALIBRATION & CONTROLS - VFG / CCC

V23 SPEED CNTRL	A25: CRUISE CNTRL TRBLS-ENGAGEMENT		V52 DRIVEABILITY	D02: ENGINE TURNS BUT DOES NOT START	
	A26: CRUISE CNTRL TRBLS-DISENGAGEMENT			D02A: Eng trns ds not strt-1st strt of day	
	A27: CRUISE CNTRL TRBLS-DS NOT MNTN SET SP			D02B: Eng trns ds not strt-Other startups	
	A28: CRUISE CNTRL TRBLS-UNSPECIFIED **			D02U: Eng trns ds not strt-Unspecified **	
V29 CHECK ENGLT	E29: CHECK ENGINE WRNNG LGHT/ALRT/CHM TRBL			D03: ENGINE TURNS OVER TOO LONG BEF STRTNG	
V40 GOOD IDLE QUALITY	D10: ENGINE IDLE TRBLS-TOO SLOW			D03A: Eng turns too long-1st start of day	
	D11: ENGINE IDLE TRBLS-TOO FAST			D03B: Eng turns too long-Other startups	
	D12: ENGINE IDLE TRBLS-STARTUP			D03U: Eng turns too long-Unspecified **	
	D12A: Engine idle trbls-1st start of day			D21: ENGINE RUNS THEN DIES/STALLS	
	D12B: Engine idle trbls-Other startups			D21A: Eng dies/stalls-1st start of day	
	D13: ENGINE IDLE TRBLS-ROUGH			D21B: Eng dies/stalls-Other startups	
	D13A: Engine idle trbls-Rough			D21C: Eng dies/stalls-While idling	
	D13U: Engine idle trbls-Unspecified **		D21D: Eng dies/stalls-While accelerating		
		D21E: Eng dies/stalls-At steady speeds			
		D21F: Eng dies/stalls-While decelerating			
		D21U: Eng dies/stalls-Unspecified **			
		D36: ENGINE HES/SRGS/RUNS RGH WHL ACCL/DCL			
		D36A: Eng hes/srgs/runs rgh-While accel			
		D36B: Eng hes/srgs/runs rgh-While decel			
		D36U: Eng hes/srgs/runs rgh-Unspecified **			
		D37: ENGINE HES/SRGS/RUNS RGH AT STARTUP			
		D37A: Eng hes/srgs/runs rgh-1st strt of dy			
		D37B: Eng hes/srgs/runs rgh-Other startups			
		D41: ENGINE HES/SRGS/RUNS RGH AT STEADY SP			
		D42: PERFORMANCE/ENGINE POWER & ACCL TRBL			
		D42A: Prf/eng pwr & accl trbls-From stop			
		D42B: Prf/eng pwr & accl trbls-Whl passing			
		D42C: Prf/eng pwr & accl trbls-Wth AC on			
		D42U: Prf/eng pwr & accl trbls-Unspec **			



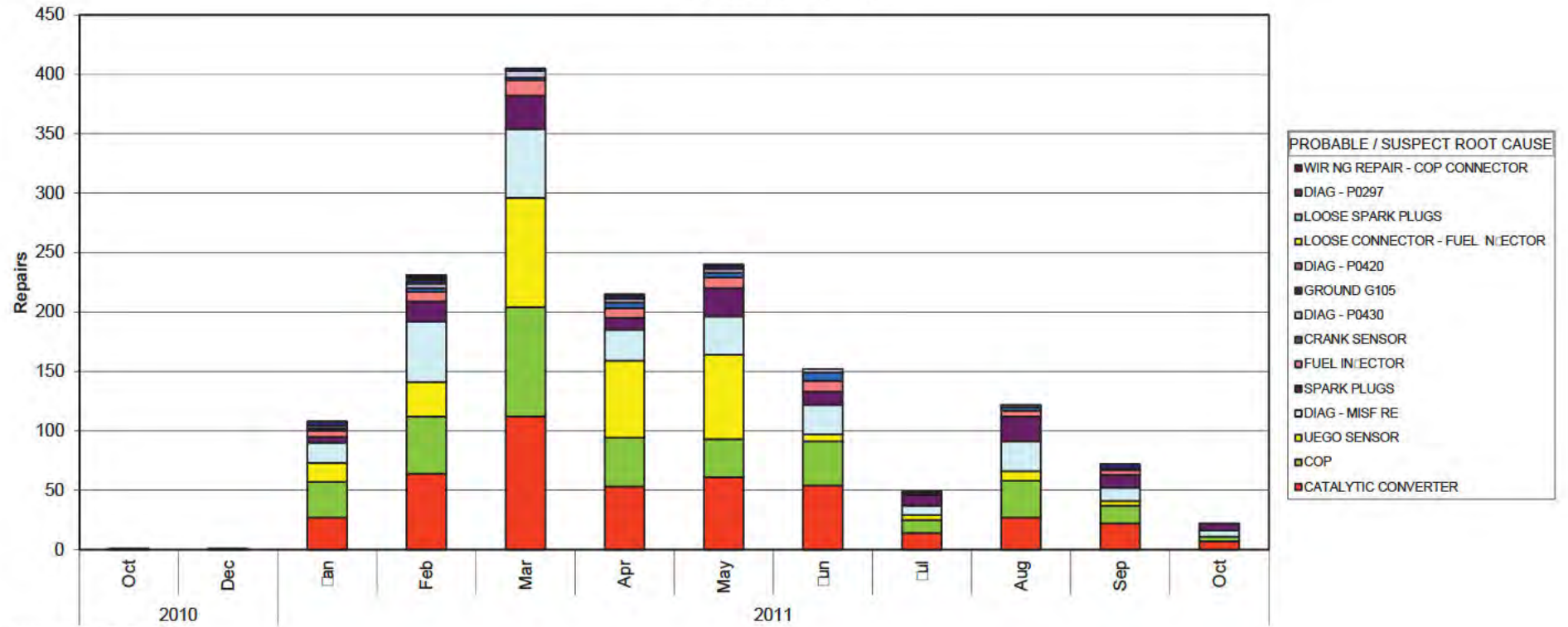
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**From:** Cockerill, Al (C.A.)  
**Sent:** Wednesday, December 21, 2011 10:34 AM  
**To:** Osepchook, William (W.R.)  
**Subject:** Repeat Misfire Claims (27).xls  
**Attachments:** Repeat Misfire Claims (27).xls

ENGINE CODE | TRANS CODE | ASSY PLANT | PART NUMBER BASE | VFG CODE

Count of VIN

2011 MY 3.5L GTDI P415 Powertrain Claims  
AWS Load Date: 12/5/11



Years | PROD DATE

Mike Steslic  
(313) 805-9888

ENGINE CODE	(All)
TRANS CODE	(All)
ASSY PLANT	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)

Count of VIN		PROBABLE / SUSPECT ROOT CAUSE
Years	PROD DATE	CATALYTIC CONVERTER
2010	Oct	1
	Dec	
2011	an	27
	Feb	64
	Mar	112
	Apr	53
	May	61
	un	54
	ul	14
	Aug	27
	Sep	22
	Oct	7
Grand Total		442

COP	UEGO SENSOR	
	30	16
	48	29
	92	92
	41	65
	32	71
	37	6
	11	4
	31	8
	15	4
	4	
	341	295

DIAG - MISFIRE	SPARK PLUGS
	1
	5
17	17
51	28
58	10
26	24
32	11
25	9
8	21
25	11
11	6
5	
258	143

FUEL IN ECTOR	CRANK SENSOR
	5
	8
	13
	8
	9
	9
	2
	5
	4
	63
	26

DIAG - P0430	GROUND G105
	4
	3
	2
	3
	3
	3
	1
	4
	24
	20

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DIAG - P0420

LOOSE CONNECTOR - FUEL IN ECTOR

---

1

1

1

---

2

1

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LOOSE SPARK PLUGS

DIAG - P0297

---

1

1

---

1

1

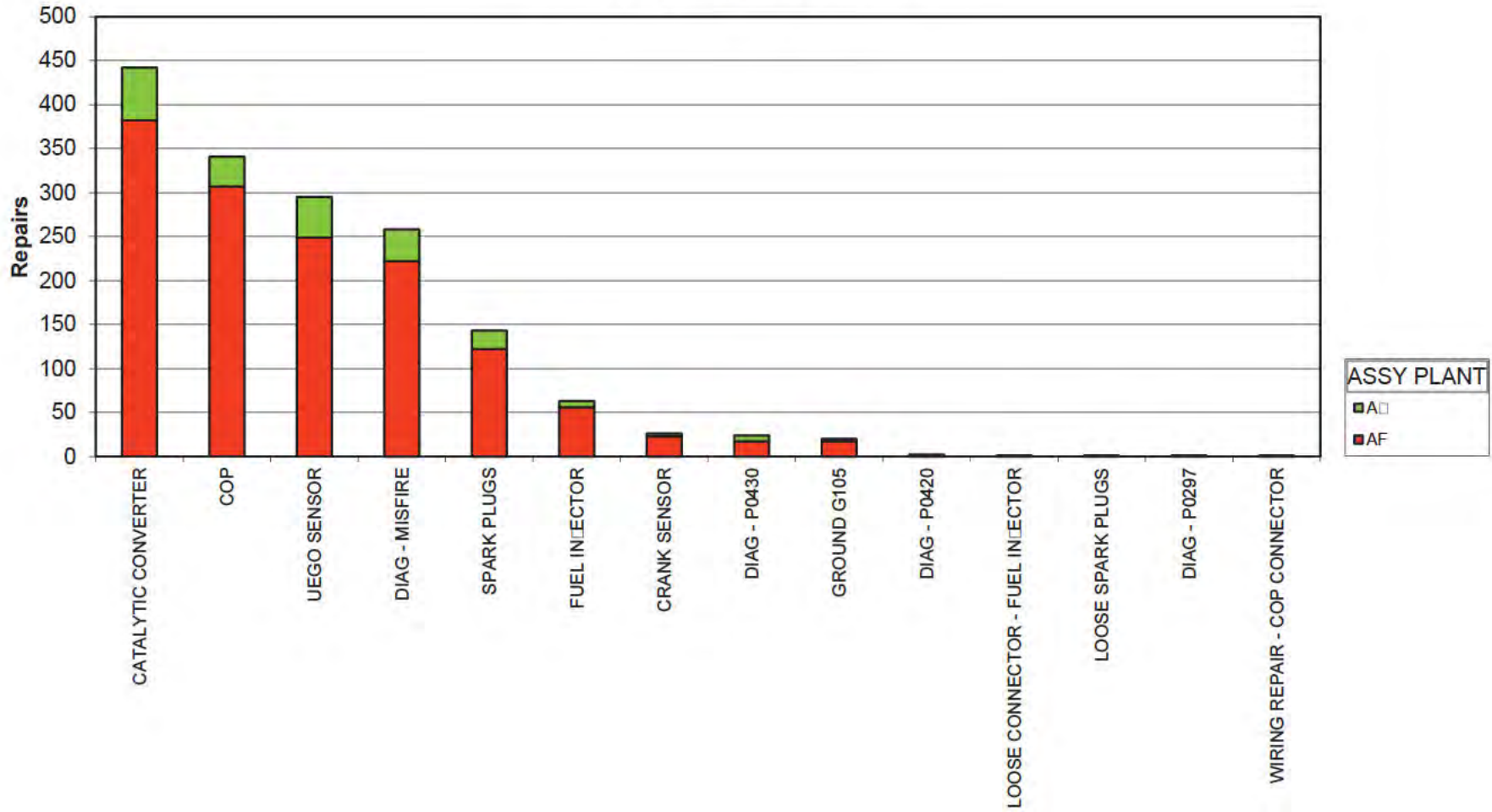
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		Grand Total
WIRING REPAIR - COP CONNECTOR		1
		1
		108
	1	231
		405
		215
		240
		152
		49
		122
		72
		22
	1	1618

ENGINE CODE | TRANS CODE | PART NUMBER BASE | VFG CODE | LEAD RESPONSIBLE ACTIVITY

Count of VIN

2011 MY 3.5L GTDI P415 Powertrain Claims  
AWS Load Date: 12/5/11



PROBABLE / SUSPECT ROOT CAUSE

Mi Steslic  
(313) 805-9888

ENGINE CODE	(All)
TRANS CODE	(All)
PART NUMBER BASE	(All)
VFG CODE	(All)
LEAD RESPONSIBLE ACTIVITY	(All)

Count of VIN PROBABLE / SUSPECT ROOT CAUSE	ASSY PLANT		
	AF	A	Grand Total
CATALYTIC CONVERTER	382	60	442
COP	307	34	341
UEGO SENSOR	249	46	295
DIAG - MISFIRE	222	36	258
SPARK PLUGS	122	21	143
FUEL IN ECTOR	56	7	63
CRANK SENSOR	23	3	26
DIAG - P0430	17	7	24
GROUND G105	17	3	20
DIAG - P0420	2		2
LOOSE CONNECTOR - FUEL IN ECTOR	1		1
LOOSE SPARK PLUGS	1		1
DIAG - P0297	1		1
WIRING REPAIR - COP CONNECTOR	1		1
Grand Total	1401	217	1618

VIN PROBABLE / SUSP LEAD RESEWRT PAF RETURN STATUS GC IS RE

1FTFW1ET0BF [REDACTED]	CATALYTIC CONVI EXHAUST YES	YES	Submitted	N/A		
1FTFW1ET0BF [REDACTED]	CATALYTIC CONVI EXHAUST NO	N/A	N/A	N/A		
1FTFW1ET0BF [REDACTED]	DIAG - MISFIRE ENGINE NO	N/A	N/A	BIZBZ005		
1FTFW1ET0BF [REDACTED]	COP ENGINE NO	N/A	N/A	BIZBZ005		
1FTFX1ET5BF [REDACTED]	DIAG - MISFIRE ENGINE NO	N/A	N/A	N/A		
1FTFX1ET5BF [REDACTED]	COP ENGINE NO	N/A	N/A	N/A		
1FTFX1ET5BF [REDACTED]	DIAG - MISFIRE ENGINE NO	N/A	N/A	N/A		

1FTFX1ET5BF [REDACTED]

UEGO SENSOR PTC C NO N/A N/A N/A

FAV	DEALER C	MODEL	YE	VIN	Repeat	Co	LABOR	CC	VEHICLE	L	MARKET	I
NO	NO	2011	1FTFW1ET0BF	[REDACTED]	4		181.63	T/F6			F	
NO	NO	2011	1FTFW1ET0BF	[REDACTED]	4		150.24	T/F6			F	
NO	NO	2011	1FTFW1ET0BF	[REDACTED]	4		68.28	T/F6			F	
NO	NO	2011	1FTFW1ET0BF	[REDACTED]	4		161.7	T/F6			F	
NO	NO	2011	1FTFX1ET5BF	[REDACTED]	4		19.4	T/F6			F	
NO	NO	2011	1FTFX1ET5BF	[REDACTED]	4		58.19	T/F6			F	
NO	NO	2011	1FTFX1ET5BF	[REDACTED]	4		33.71	T/F6			F	

NO

NO

2011 1FTFX1ET5BF [REDACTED]

4

61.8 T/F6

F



BODY STY VERSION DRIVE CO ENGINE C TRANS CC ASSY PLA PROD DAT WARRANT DEALERSI

T/BC T/AM T/E T/KW T/C3 AF 40556 40581 DES ARDI

T/BC T/AM T/E T/KW T/C3 AF 40556 40581 BOUCHAR

T/BC T/AM T/E T/KW T/C3 AF 40556 40581 BOUCHAR

T/BC T/AM T/E T/KW T/C3 AF 40556 40581 BEAUCE A

T/BD T/AM T/E T/KW T/C3 AF 40624 40661 COREY FC

T/BD T/AM T/E T/KW T/C3 AF 40624 40661 COREY FC

T/BD T/AM T/E T/KW T/C3 AF 40624 40661 VIOLETTE

T/BD T/AM T/E T/KW T/C3 AF 40624 40661 VIOLETTE

RO NUMB|PHONE WCC COD PART NUM PART NUM PART NUM CCC COD|COND CO|REPAIR D

16744401		4C03	BL3Z	5E 212 E	E29		42	40689
12232801	7224388	2B03	CYFS	12 Y3	E29		95	40764
12394701	7224388	2G04		DIAG	E29		42	40809
11420402	7749801	2B02	BL3Z	12029 C	D36		42	40812
218287A	3288828	2G02		12A648	E29		42	40773
218616A	3288828	2B02	BL3Z	12029 B	E29		42	40786
742601	4731770	1A03		6006	E29		82	40763

667701 4731770 2G02 8F9Z 9F472 H E29 42 40703

TIS CLAIM KE' MILEAGE MATERIAL TOTAL CCLABOR HC DEALER CDEALER S REGION C

4 544045 8791 504.77 686.4 1.6 B2425 NA

7 794508 15505 525.24 675.49 2.2 B2519 NA

8 1213274 20017 0 68.28 1 B2519 NA

8 1245635 20275 180.57 342.27 1.8 A2498 NA

4 843750 9305 0 19.4 0.3 B3307 NA

5 1153994 10569 60.19 118.38 0.9 B3307 NA

4 1213365 8466 0 33.71 0.6 B3238 NA

2	563428	2653	76.93	138.72	1.1 B3238	NA
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STATE / PICPSC COI	TECH COMMENTS 1	TECH COMMENTS 2
C	90201 5E212 (42) UICK TEST P0430 FAIT TEST ROUTIER EN LECTURE DES PIDS CATALISEUR DEFECTUEUX COMMANDEE 835 REMPLACER CATALYSER GAUCHE EFFACER CODE ROAD TEST OK (01MT CAR PAS DE TEMPS ANNEE MODELE	
C	03XXXX TEST IN ECTION CODE P0299 ET P0430 EN MEMOIR TEST SUR ROUTE ENREGISTREMENT CATALYSEUR GAUCHE BOUCHE IGNITION TEST MISFIRE INTERMITTANT AU CYLINDRE 6 TEST DE FUEL OK PINPOINT CHANGER LA BOUGIE 6	CHANGER CATALYSEUR GAUCHE DEFAIT REPROGRAMMER PCM SELON TSB 11 7 20 EFFACER CODE TEST SUR ROUTE OK
C	615 FAIRE TEST CODE P0306 MISSFIRE INTERMITTENT PAS PRESENT VERIFIER OASIS BOUGIE A ETE DE A REMPLACER PCED PIN POINT TESTHD PAS DE COIL ON PLUG EN S	
C	30702 VERF MOTEUR DONNE DES COUPS INTERMITENT CODE P0430 PIN POINT TEST HF1 HF2 HF3 HF4 HF5 HF10 AUCUN PROBLEME PRESENTTEL HOT LINE, ESSAIE ROUTIER POUR ENREGISTRER LES PIDS, IMPOSSIBLE, VERF GROUND G 1 CHECKED FOR CODES NO CODES FOUND. CHECKED OASIS NO MESSAGES. CHECKED THE PCM FOR UPDATE UPDATED THE PCM TO THE	105 ET RESSERRER ET REMPLACER COIL ET BOUGIES COTE GAUCHE ESSAIE PROBLEME NON PRESENT. AT TIME VERF. ET SERRER GROUND G105
NB	31403 LATEST CALIBRATION.	
NB	03XXXX 1 VERIFIED CONCERN WITH CHECK ENGINE LIGHT COMING ON. CHECKED FOR CODES TEST DROVE WITH IDS TO MONITOR POWER BALANCE TEST AND FOUND 3 CYLINDER TO BE DROPPING OUT. REMOVED PLUG AND COIL AND FOUND	CARBON TRACKS NECESSARY TO REPLACE THE COIL AND PLUG RETESTED OK NOW.
NB	30100 CHECKED FOR CHK ENGINE LIGHT.HOOKED UP IDS AND FOUND CODE P0303,CYLINDER 3 MISSFIRE.ERASED CODE,CHECKED FOR SSM AND TSB S AND NONE FOUND.RDTEST TO ATTEMPT TO DUPLICATE CUSTOMER S CONCERN,ALL OK AT TH	IS TIME.MONITOR POWER BALANCE,PERFORMFUEL TEST AND ALL OK.REMOVED ENGINE COVER,REMOVED 3 COIL,CHECKED FOR WATER INTRUSION AND ALL OK.REMOVED SPARK PLUG AND ALL OK.WILL HAVE TO MONITOR.CAN NOT DUPLICA

NB                    31403 AT 0 . DID PINPOINT TEST,DZ1,  
CHECKED FOR ENGINE LIGHT.USED  
IDS AND FOUND CODES P0030 AND  
P0131.CLEARED CODES AND  
CHECKED OASIS,NO SSM OR TSB S  
FOR THIS CONCERN.RDTEST AND  
MONITOR.OXYGEN SENSOR STAYED  
DZ2,DZ12 AND DZ14.FOUND OXYGEN  
SENSOR AT FAULT.MUST  
REPLACE.REMOVED AND REPLACED  
OXYGEN SENSOR.CLEARED  
CODE,RDTEST AND RECHK, ALL OK  
NOW.



CUSTOMER COMMENTS	AREA	COI	COUNTRY	SALES	DE	TRANSAC	COUNTRY	RT	CODE
-------------------	------	-----	---------	-------	----	---------	---------	----	------

TEMOIN CHECK ENGINE ALLUME (E29) CODE CATALYSEUR. CLIENT EN PANNE.			CAN			4B2425	S07		CAN
--	--	--	-----	--	--	--------	-----	--	-----

CHECK ENGIN ALLUME ET MAN UE DE PUISSANCE (E29)	418	CAN				4B2425	E84		CAN
--	-----	-----	--	--	--	--------	-----	--	-----

CHECK ENGINE ALLUME	418	CAN				4B2425	E84		CAN
---------------------	-----	-----	--	--	--	--------	-----	--	-----

MOTEUR SEMBLE MAN UE EN ACCELERANT EN PARTANT (D36)	418	CAN				4B2425	E84		CAN
--	-----	-----	--	--	--	--------	-----	--	-----

DRIVING ALONG VEHICLE STARTED MISSING BAD AND THE CHECK ENGINE LIGHT WAS FLASHING VERY FAST CHECK	506	CAN				4B3817			2 CAN
--	-----	-----	--	--	--	--------	--	--	-------

CHECK ENGINE LIGHT COMING ON AT TIMES AND TRUCK DOES NOT WORK WELL WHEN LIGHT IS ON...	506	CAN				4B3817			2 CAN
--	-----	-----	--	--	--	--------	--	--	-------

CHK WHY ENGINE LIGHT IS ON AND ENGINE MISSES.	506	CAN				4B3817			2 CAN
--	-----	-----	--	--	--	--------	--	--	-------

CHK FOR ENGINE LIGHT WAS ON FOR  
2 DAYS,BUT TODAY WHEN  
CUSTOMER STARTED VEHICLE,THE  
CHK ENGINE LIGHT IS NOT ON  
ANYMORE.

506 CAN

4B3817

2 CAN

VFG CODE AWS VEHI VRT CODE TIS FLAG CLAIM BINNED FUNCTION

V29 F6 F04 PT C C

V29 F6 F04 PT C C

V29 F6 F04 PT C C

V52 F6 F04 PT C C

V29 F6 F04 PT C C

V29 F6 F04 PT C C

V29 F6 F04 PT C C

V29

F6

F04

PT C C

VIN

PROBABLI LEAD RESEWRT PAF RETURNE STATUS GC IS RE

1FTFX1ET6BF [REDACTED]

DIAG - MIS ENGINE NO N/A N/A N/A

1FTFX1ET6BF [REDACTED]

DIAG - P04 EXHAUST NO N/A N/A BIOBV004

1FTFX1ET6BF [REDACTED]

CATALYTI EXHAUST NO N/A N/A BIOBV004

1FTFX1ET5BF [REDACTED]

COP ENGINE YES YES Submitted N/A

1FTFX1ET5BF [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	BH E2003
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1FTFX1ET5BF [REDACTED]	COP ENGINE NO	N/A	N/A	BH E2003
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1FTFX1CT1BF [REDACTED]	DIAG - P04 EXHAUST NO	N/A	N/A	N/A
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1FTFX1CT1BF [REDACTED]	UEGO SE1 PT C C NO	N/A	N/A	N/A
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1FTFX1CT1BF [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	N/A
1FTFW1ET9BK [REDACTED]	DIAG - P04 EXHAUST NO	N/A	N/A	N/A
1FTFW1ET9BK [REDACTED]	UEGO SE1PT C C NO	N/A	N/A	B A3009
1FTFW1ET9BK [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	B A3009
1FTFW1ET9BF [REDACTED]	DIAG - MIS ENGINE NO	N/A	N/A	BI4BE003

1FTFW1ET9BF [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	BI4BE003
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1FTFW1ET9BF [REDACTED]	COP ENGINE NO	N/A	N/A	BI4BE003
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1FTFW1ET9BF [REDACTED]	CATALYTI EXHAUST YES	YES	Submitted	BEDCG01
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1FTFW1ET9BF [REDACTED]	CATALYTI EXHAUST YES	YES	Part tagged	BEDCG01
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1FTFW1ET9BF [REDACTED]	CATALYTIC EXHAUST NO	N/A	N/A	BEDCG01
------------------------	----------------------	-----	-----	---------

1FTFW1ET7BF [REDACTED]	SPARK PL ENGINE NO	N/A	N/A	BKHE3004
------------------------	--------------------	-----	-----	----------

1FTFW1ET7BF [REDACTED]	GROUND ENGINE NO	N/A	N/A	BKHE3004
------------------------	------------------	-----	-----	----------

1FTFW1ET7BF [REDACTED]	FUEL INJECTOR ENGINE NO	N/A	N/A	BKHE3004
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1FTFW1ET7BF [REDACTED]	UEGO SENSITIVITY CHECK NO	N/A	N/A	N/A
------------------------	---------------------------	-----	-----	-----

1FTFW1ET7BF [REDACTED]	UEGO SEI PT C C NO	N/A	N/A	N/A
1FTFW1ET7BF [REDACTED]	UEGO SEI PT C C NO	N/A	N/A	N/A
1FTFW1ET1BF [REDACTED]	DIAG - P04 EXHAUST NO	N/A	N/A	N/A
1FTFW1ET1BF [REDACTED]	DIAG - MIS ENGINE NO	N/A	N/A	BFI AF003
1FTFW1ET1BF [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	BFI AF003

1FTFW1ET0BF [REDACTED]	CATALYTI EXHAUST NO	N/A	N/A	N/A
------------------------	---------------------	-----	-----	-----

1FTFW1ET0BF [REDACTED]	COP	ENGINE	NO	N/A	N/A	BGVC700E
------------------------	-----	--------	----	-----	-----	----------

1FTFW1ET0BF [REDACTED]	DIAG - MIS	ENGINE	NO	N/A	N/A	BGVC700E
------------------------	------------	--------	----	-----	-----	----------

FAV DEALER C MODEL YE VIN

Repeat Co LABOR CC VEHICLE L

NO NO 2011 1FTFX1ET6BF [REDACTED] 3 93.47 T/F6

NO NO 2011 1FTFX1ET6BF [REDACTED] 3 59.48 T/F6

NO NO 2011 1FTFX1ET6BF [REDACTED] 3 161.44 T/F6

YES NO 2011 1FTFX1ET5BF [REDACTED] 3 106.17 T/F6

NO NO 2011 1FTFX1ET5BF [REDACTED] 3 185.38 T/F6

NO NO 2011 1FTFX1ET5BF [REDACTED] 3 339.74 T/F6

NO NO 2011 1FTFX1CT1BF [REDACTED] 3 0 T/F6

NO NO 2011 1FTFX1CT1BF [REDACTED] 3 87.02 T/F6

NO NO 2011 1FTFX1CT1BF [REDACTED] 3 208.86 T/F6

NO NO 2011 1FTFW1ET9BK [REDACTED] 3 47.12 T/F6

NO NO 2011 1FTFW1ET9BK [REDACTED] 3 109.94 T/F6

NO NO 2011 1FTFW1ET9BK [REDACTED] 3 119.26 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 53.35 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 213.39 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 48.01 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 181.7 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 284.4 T/F6

NO NO 2011 1FTFW1ET9BF [REDACTED] 3 293.52 T/F6

NO NO 2011 1FTFW1ET7BF [REDACTED] 3 103.7 T/F6

NO NO 2011 1FTFW1ET7BF [REDACTED] 3 435.58 T/F6

NO NO 2011 1FTFW1ET7BF [REDACTED] 3 414.83 T/F6

NO NO 2011 1FTFW1ET7BF [REDACTED] 3 61.28 T/F6



NO NO 2011 1FTFW1ET7BF [REDACTED] 3 68.94 T/F6

NO NO 2011 1FTFW1ET7BF [REDACTED] 3 71.13 T/F6

YES NO 2011 1FTFW1ET1BF [REDACTED] 3 73.43 T/F6

YES NO 2011 1FTFW1ET1BF [REDACTED] 3 86.61 T/F6

NO NO 2011 1FTFW1ET1BF [REDACTED] 3 205.7 T/F6

YES NO 2011 1FTFW1ET0BF [REDACTED] 3 245.4 T/F6

NO NO 2011 1FTFW1ET0BF [REDACTED] 3 176.05 T/F6

NO NO 2011 1FTFW1ET0BF [REDACTED] 3 48.01 T/F6

MARKET L BODY STY VERSION DRIVE CO ENGINE C TRANS CC ASSY PLA PROD DA1 WARRANT

F T/BD T/AM T/E T/KW T/C3 AF 40681 40739

F T/BD T/AM T/E T/KW T/C3 AF 40681 40739

F T/BD T/AM T/E T/KW T/C3 AF 40681 40739

F T/BD T/AM T/E T/KW T/C3 AF 40625

F	T/BD	T/AM	T/E	T/KW	T/C3	AF	40625	40663
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F	T/BD	T/AM	T/E	T/KW	T/C3	AF	40625	40663
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F	T/BD	T/AM	T/B	T/KW	T/C3	AF	40596	40673
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F	T/BD	T/AM	T/B	T/KW	T/C3	AF	40596	40673
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F	T/BD	T/AM	T/B	T/KW	T/C3	AF	40596	40673
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F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
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F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
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F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665
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F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665
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DEALERSIRO NUMBIPHONE WCC COD PART NUM PART NUM PART NUM CCC CODICOND CO

MUHLENB 5097201 4592154 2G04 DIAG E29 82

MUHLENB 5100601 4592154 2G04 DIAG E29 82

MUHLENB 5106701 4592154 4C03 BL3Z 5E 212 E E29 42

SARAT FC 35262701 7860430 2B03 CYFS 12 Y3 E29 42

SARAT FC 35954801	7860430 4C03	BL3Z	5E 212 E	E29	42
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PLACE MC 24091201	9438012 2B02	BL3Z	12029 B	D36	28
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ROSE CIT' 42003901	9487800 2G01		12A650	E29	42
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LALLY SAI031498A	6103673 2G02		9F472	E29	42
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LALLY SAI031541A 6103673 4C03 BL3Z 5E 212 E E29 42

MURPHY F 1354801 7356861 2G04 DIAG E29 82

MURPHY F 1409201 7356861 2G02 9F472 E29 42

A BFORE 66308601 2838200 4C03 BL3Z 5E 212 E E29 42

TUSKET S 176101B 6482600 2G88 NPF E29 82

TUSKET S 176223A	6482600 2B02	BL3Z	12029 C	E29	42
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TUSKET S 178599A	6482600 2B02	BL3Z	12029 C	D42	D4
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BOB SWO 7711801	4C03	BL3Z	5E 212 F	E29	42
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BOB SWO 7755401	4C03	BL3Z	5E 212 F	E29	42
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BOB SWO	7810001		4C03	BL3Z	5E 212 E	E29	42	
TUTTLE C	8828901	2407000	2B03		12405	E29	42	
TUTTLE C	9305701	2407000	7S06		12A581	D42	42	
TUTTLE C	8917801	2407000	2000 BL3Z	9F593	B	E29	42	
OHN NOF	6733601	3431700	2G02	8F9Z	9F472	H	D50	42

OHN NOF	6738501	3431700	2G02	8F9Z	9F472	H	D50	42
OHN NOF	7082501	3431700	2G02	8F9Z	9F472	H	D50	42
MAHWAH	4073301	5293200	2G04		DIAG		E29	42
MAHWAH	4159401	5293200	2G04		DIAG		E29	42
MAHWAH	4380301	5293200	4C03	BL3Z	5E 212 E		E29	42

TUSKET S 171123A 6482600 4C03 BL3Z 5E 212 E E29 D4

TUSKET S 174008A 6482600 2B02 BL3Z 12029 B E29 42

TUSKET S 176685A 6482600 2G88 NPF E29 D4



REPAIR D, TIS CLAIM KE`MILEAGE MATERIAL TOTAL CCLABOR HCDEALER C DEALER S

40795 2 1009022 2188 0 93.47 1.1 116

40798 2 1061933 2355 0 59.48 0.7 116

40801 3 1187554 2412 610.53 771.97 1.9 116

40681 -1 533803 1031 207.65 313.82 1.3 9137

40786	5	1012825	10716	422.65	608.03	2.2	9137
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40793	5	1076722	1516	64.05	403.79	4.3	9082
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40856	7	1621248	11747	0	0	0	B8401
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40863	7	1673135	12051	97.53	184.54	1	B8094
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40865	7	1704273	12152	939.89	1148.75	2.4 B8094
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40795	6	1060843	7789	0	47.12	0.6 B1702
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40828	7	1398345	8148	97.53	207.46	1.4 B1702
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40861	8	1737876	9113	249.93	369.19	1.9 B1718
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40816	4	1256343	7078	0	53.35	1 B3225
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40819	4	1331550	7860	685.34	898.73	4	B3225
40871	6	1758377	11185	180.57	228.58	0.9	B3225
40667	2	464293	3115	545.94	727.64	2.3	3300
40682	2	620805	3552	760.35	1044.75	3.6	3300

40700	3	627056	3794	410.74	704.26	3.6	3300
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40850	3	1642198	9226	5.17	108.87	1	8700
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40868	4	1796332	9887	58.88	494.46	4.2	8700
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40854	3	1821885	9395	176.65	861.48	4	8700
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40673	1	474432	184	51.41	112.69	0.8	5076
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40674	1	555175	185	51.41	120.35	0.9	5076
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40749	3	756889	3402	55.52	126.65	0.9	5076
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40676	2	471688	2525	0	73.43	0.7	20686
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40702	3	634789	3611	0	86.61	0.8	20686
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40771	5	1002449	6908	836.89	1042.59	1.9	20686
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40693	1	568806	1280	520.38	765.79	4.6 B3225
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40766	4	818637	3244	60.19	236.24	3.3 B3225
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40829	6	1371579	5775	0	48.01	0.9 B3225
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REGION C STATE / PICPSC COI TECH COMMENTS 1

TECH COMMENTS 2

NA	VA	615	ES AT TIMES. CHECKED FAULT CODES. P0305. PER FORMED POWER BALANCE, RELATIVE COMPRESSION AND MISFIRE TESTS. PASSED. ROAD TESTED AND CO COULD NOT DUPLI CTE CONCERN. CHECKED MODE 6 DATA AND SHOWED MISFIR	ES FOR 4, 5 AND 6 CYL REROAD TESTED WITH IDS MONITORING MISFIRES. NO MISFIRES. LET CUSTOMER TRY AND SEE IF CON CERN RETURNS. SWITCHED COILS AROUND TO SEE IF DIFFERENT CODE RETURNS.
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NA	VA	615	CYCLE AND CATALYST SYSTEM EVAL. PASSED.
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NA	VA	90201	CHECKED FALT CODES AND P0340. CATALYST EFFICIENCY ON BANK 2. CONTACTED HOTLINE AND RECOMMENDED TO REPLACE LEFT CATALYS AND COILD AND PLUGS ON LEFT BANK. PERFORMED FUEL PRESSURE TESTS AND PASSED. PO	WER BALANCE AN RELATIVE COMPRESSION PASSED. CONTACTED TECH HOTLINE AND TOLD TO REPLACED THE CATALYST AND ALL THE BANK 2 COILS AND SPARK P LUGS. TOR UE THE COILD GROUND G105 TO 112 NM PLUS ANA DDITIO ARK PLUGS AND THREE
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NA	MA	03XXXX	C O MIL ON, NOT ON NOW. RETRIEVE KOEO AND CMDTCS P0300 RANDOM MISFIRE, PO305 CYL 5 MISFIRE, AND P0306 CYL 6 MISFIRE. RETRIEVED FREEZE FRAME DATA CHT 208, LOAD 90 , VS 60 MPH, TP 74 , FRP R R ALL SP	IGNITION COILS. HAD VEHICLE DRIVEN 20 MORE MILES, ALL APPEARS OK AT THIS TIME. TECH CLOKED 2.2 HRS FOR DIAG AND TIME WITH HOTLINE. CLOKED 1.5 HRS. FOR REPAIR. NEED MTIME TO REPLA
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NA	MA	90201	ENGINE LIGHT IS ON VERIFIED CONCERN. ROADTESTED NO DRIVABILITY. SELF TESTED P04 30, CAT EFFICIENCY BELOW THRESHHOLD BANK 2 LEFT SIDE. MONITO RED REAR O2 VERIFIED BAD CAT. RAN OASIS NO TSBS OR SSMS.	REMOVED AND REPLACED CONVERTER. SWAPPED OVER O2 SENSORS. RESET KAM, CLEARED CODES. ROADTESTED GOOD.
NA	MA	03XXXX	ROAD TEST, NPF. HOOKED UP IDS TEST PCM. FOUND NO CODES ONDEMAND OR CONTINUOUS. FOUND PENDING CODE P0306. CHECK FOR TSBS OR SSMS, NONE FOUND.FOLLOW PCED PINPOINT TEST HD. PERFORM RELATIVE COMPRESSION T	EST, PASS. PERFORM LOW AND HIGH PRESSURE FUEL SYSTEM TEST, PASS. MONITOR PIDS AND FREEZE FRAME DATA, NO OUT OF RANGE READINGS. MONITOR POWER BALANCE, FOUND NO CYLINDERS DROPPING OUT.EXCEPT WHEN POWER
NA	ON	31401	P0430 CATALYTST SYSTEM EFFICIENCY BELOW THRESHOLD.PERFORM SELF TEST.FOUND CODE P0430.CHECKED TSBS AND SSMS,NONEFOUND.CHECK ED ALL RELATED PIDS.PERFORM PCM UPDATE CLEAR ALL FAULT CODES ROAD TESTED VEH	ICLE ALL OK
NA	ON	31403	19405 CHECKED FOR CODES P0430.KOEO,KOER,PID TEST. BCE TEST. REPLACED O2 SENSOR. INTERNAL SHORT. RETEST PASS CLEARED CODES TEST DROVE.	

			19569 CHECKED FOR CODE P0430, P0420. DID KOEO, KOER, PID TEST, PINPT TEST, BCE TEST. CATS ARE RUNNING BELOW EFFICIENCY. REPLACED RIGHT AND LEFT CATS. CLEARED CODES RETEST. PASS. TEST DROVE.	
NA	ON	90201	CLEARED	KAM. OK NOW.
			INSPECT FOR CK ENG LITE ON COMPUTER TEST CODE P0430 REF SSM 21925 INSPECT FOR WIRE CHAFING NONE FOUND ERASE CODE RETESTED	
NA	ON	615	OK	
			INSPECT FOR CK ENG LITE ON COMPUTER TEST CODE P0430 PINPOINT TEST MONITOR PIDS TRACE BANK 2 SENSOR 2 N.F ORDER REPLACE BANK 3 SENSOR 2 ERASE CODE	
NA	ON	31403	RETESTED OK (T) EEC TESTED AND FOUND CODE P0430 CHECK OASIS PERFORMED PP TEST HF 1 2 3 4 5 CONTACT HOTLINE FOR INFO TOLD TO REPLACE BANK TWO CONVERTOR CLEARCAM AND INSPECT PLUGS PER E	
NA	ON	90201	85 TEST NO EVIDENCE.	
			11420 NO PROBLEM FOUND COULD NOT VERIFY CONCERN SELFTEST NO CODES NOTHING IN MODE 6 ACCORDING TO CUSTOMER CHECK ENGINE CAME ON SENT HOTLINE REUEST CHECKED GROUND 105 AND CHECKED ALL COILS AND	GS AS PER HOTLINE ALSO PERFORMED RELATIVE IN ECTOR FLOW AS PER HOTLINE ALL OK AT THIS TIME DID REPLACE ONE SPARK PLUG ON CYL 1 BECAUSE OF CARBON TRACKING NO OTHER PROBLEM FOUND AT THIS
NA	NS	615	PLU	

			12650 EEC TESTED CODE P0430 PERFORMED PPT NEEDS CONVERTER ON PRE CONTACTED HOTLINE REGARDING ISSUE 9011 REPLACED PLUGS AND COILS ON BANK 3 REPLACED CONVERTER BANK 2 CLEARED CODES AND TEST DROVE W	ORKING FINE 9011 MT TIME IS FOR HOTLINE CONTACT. FOLLOW INSTRUCTIONAS RECOMMENDED. AND REPAIR SKIP WITH PCM THAT DOESNOT RECORD MIFIRES.
NA	NS	30702		
			18002 TEST DROVE AND VERIFIED CONCERN. ENGINE SKIPS ON POWER BALANCE TEST ON BANK 1 INTERMINTANTLY. MOODE 6 IS NOT REGISTERING. ENGINE LIGHT IS FLASHING. VERIFIED ENGINE SKIP ON CYL 1 AND 2 AT TIME	S. NEEDS COIUL AND PLUGS ON BANK 1. 9018 REPLACED COILS AND PLUGS ON BANK ONE AND ALL OK 9133
NA	NS	30702	VERIFIED CONCERN TEST WITH IDS P0430 P0068 CATALYST BELOW THRESHOLD BANK 2 RUN PINPOIN TEST FOUND CAT TO BE FAULTY REPLACED PASS SIDE CAT CONVERTOR RETEST PASS NO SLTS LABOR OPERATION AVAILABLE	
NA	KY	90201	NECC T TEST WITH IDS FOUND CODES P0430 WORKED WITH FSE REPLACED CAT PER HOTLINE RECOMMENDATION CALLED BACK WITH RESULTS AFTER CAT INSTALLED RECOMMEND REPLACE FUEL PUMP REPLACED FUEL PUMP	O USE MTIME
NA	KY	90201	RECHECK PASS MTIME N	O SLTS OPERATION AVAILABLE FOR CAT CONVERTORS

			TEST PULL CODES P0430 SWITCHED 02 SENSORS FROM BANK 1 2 RETEST SAME CODES WORKED WITH FSE CLEANED GROUND ON RIGHT SIDE REAR OF HEAD REPLACED LEFT CAT CLEANED GROUND ON LEFT SIDE OF HEAD TEST DROVE PAS PERFORM IDS DIAG. FOUND CODE P0304. MISFIRE 4 CYL, RELATIVE COMPRESSION OK. 1 4 2 PLUG 2 MISFIRES. REPLACE 1 SPARK PL RETEST. ROADTEST 2	S M TIME NO SLTS OPERATION FOR CATS ALSO MTIME FOR TIME SPENT WITH FSE TO DIAG CONCERN
NA	KY	90201		
NA	CA	30703	MILES OK	
			VERIFY MISFIRE AFTER COP REPLACEMENT. CALL TECHLINE ID 104944696.. EXHAUST BACK PRESSURE IS A 12 PSI WOT (L) BANK G105 GROUND BEHIND LEFT CYL HEAD, REMOVE CLEAN STUD FOR G105. TIGHTEN, PER TECHLI P0304 MISFIRE NUMBER FOUR CYL CAUGHT 80MPH AND 5K RPM. SWITHC NUMBER FOUR AND FIVE COP, NO CHANGE, AS PER HOT LINE CONTACT 104944696 REPLACE NUMBER FOUR IN ECTOR AS PER WSM RETESTED	NE. RE UEST M TIME 1.5 HRS, ROADTEST OK. ALSO M TIME 1.0 HRS TO SWAP AFTERMARKET AIR INSTAKE WITH NEW INSTOCK UNIT AS PER TECHLINE.
NA	CA	180101		
NA	CA	30402	OK	
			CK ADV IDS HOOKUP P0131 P0640 P1646 PREFORM PMI PER SYST CHART FOUND GFAILD SENSOR REPLACD	
NA	KS	31403	RE CK OK	

NA	KS	31403	O2 SENSOR AND RETEST OK	
NA	KS	31403	INSTALLED NEW O2 SENSOR AND CLEARED CODES RETEST OK	
NA	N	615	PERFORMED DIAGNOSIS HOOKED UP IDS RETRIEVED CODE P0430,PERFORMED PIN POINT TEST,PASSES CHECKED FOR SSM S AND TSB S NONE FOUND CLEARED CODE,REROADTEST,RETES T SYSTEM ALL PASS IF COMES BACK CALL KEVIN 3	13 805 4908 LOG MODE 6,DONT CLEAR CALL KEVIN
NA	N	615	PERFORMED DIAGNOSIS CALLED KEVIN AT FORD ENGINEERING,PERFORME D POWER BALANCE,MISFIRE TEST,ROADTEST MONITOR,SENT RECORDINGS TO ENGINEER,WAS INSTRUCTED TO REPLACE BANK 2 CAT CONVERTOR,BANK 2 COILS, 1 CO	IL, AND ALL 6 PLUGS, PARTS ARE ON BACK ORDER AND SHOULD BE AVAILABLE IN JULY WILL CALL CUSTOMER TO RETURN VEHICLE IS SAFE TO DRIVE UNTIL THEN
NA	N	90201	PERFORMED DIAGNOSIS AS PER FORD ENGINEERING ON PREVIOUS REPAIR ORDER 41594,REPLACED BANK 2 CAT CONVERTOR,REPLACED ALL 6 SPARK PLUGS REPLACED 1,4,5,6 COILS,REFLASHED PCM,RETEST OK	PARTS HAD BEEN ON BACKORDER FROM ORIGINAL RO.

			2061 EEC TESTED CODE P0430 CATALYST EFFICENCE BANK 2 CHECKED FUEL TRIMS PLUS 13 PERCENT ON BANK 2 REPLACED CONVERTER AND RECHECKED FUEL TRIMS BOTH WENT TO PLUS 1 TEST DROVE GOOD	NO MESSAGES CANNOT CONTACT HOTLINE BECAUSE OF HOLIDAY ECKED MODE 6 DATA NO MISFIRES DID IN ECTOR FLOW AND HIGHT LOW FUEL PRESSURE TESTS USING IDS ON ROAD OK CHECKED DATA LOGGER WHILE CONCERN PRESENT
NA	NS	90201	POWER CHECKED OASIS 5291 TEST DROVE TRUCK EXTENSIVLY AND WAS ABLE TO GET TRUCK TO ACT UP WOULD NOT REV OVER 4500 RPM AND CHECK ENGINE LIGHT FLASHED WHEM AFTER WARDS LIGHT WENT OUT EEC TESTED CODE P0306 PENDING CODE CH	BANK 2 WAS REMOVING FUEL REALITIVE COMPRESSION
NA	NS	03XXXX		
			9295 EEC TESTED NO CODES CHECKED OASIS NO MESSAGES CHECKED MODE 6 AND MODE 9 DATA AND RECORDED SENT ALL INFORMATION TO HOTLINE	
NA	NS	615 9011		