CUSTOMER COMMENTS AREA COLCOUNTRY SALES DE TRANSAC COUNTRY RT CODEVEG CODE

CHECK ENGINE LIGHT CAME ON, FLASHED, THEN WEN SPUTTERING. THEN IT WENT OFF AND SEEMED TO BE OK. CHECKED FOR CK ENGINE LIGHT FLASHING AND MISS	540 USA	127470	1 USA	V29
CHECK ENGINE LIGHT CAME ON, FLASHED, THEN WEN SEEMED TO BE RUNNING FINE RAN KOEO TEST P0430 CATALYST SYSTEM EFFICIEN CY BANK 2.TEST DROBE AND RAN THROUGH OBD DRIE	540 USA	127470	1 USA	V29
CHECK ENGINE LIGHT IS ON AGAIN CHECKED FOR CK ENGINE LIGHT ON. CHECKED FAULT CODES. PO430. CATALYST EFFICIENCY ON BANK 2. PAST VISIT HAD MISFIRE CODE. CONTACTED HOT	540 USA	127470 S07	USA	V29
ENGINE LIGHT WAS ON HAD NO POWER ADVISE	413 USA	111454	2 USA	V29

CHECK ENGINE LIGHT ON, DIAGNOSE AND ADVISE. SEEMS TO BE RUNNING OK	413 USA	111454 S07	USA	V29
CUSTOMER STATES AS GOING DOWN THE HIGHWAY TRUCK WILL HAVE NO POWER AND START TO BUCK, CHECK AND ADV	508 USA	111454 S07	USA	V52
CHECK AND REPORT CHECK ENGINE LIGHT ON STEADY	519 CAN	4B8401 S07	CAN	V29
REPORT ON MIL () ON 1.4 119.95	888 CAN	4B8401	2 CAN	V29

REPORT ON MIL () ON 1.4 119.95	888 CAN	4B8401	S07	CAN	V29
ENGINE CHECK ENGINE LIGHT ON	613 CAN	4B2482		2 CAN	V29
ENGINE CHECK ENGINE LIGHT ON	613 CAN	4B2482		2 CAN	V29
CHECK ENGINE LIGHT ON REPAIR CHECK EGINE LIGHT IS ON.	613 CAN	4B2482	S07	CAN	V29
ENGINE LIGHT COMING ON, ENGINE SKIPS.	902 CAN	4B3225		1 CAN	V29

TOWED IN CHECK ENGINE LIGHT ON NO POWER	902 CAN	4B3225	1 CAN	V29
ENGINE SKIP AT TIMES. COLD AND HOT	902 CAN	4B3225	1 CAN	V52
CHECK ENGINE LIGHT ON	USA	147050 S07	USA	V29
CHECK ENGINE LIGHT ON	USA	147050 S07	USA	V29

CHECK ENGINE LIGHT ON	USA	147050 S07	USA	V29
CUSTOMER STATES CHECK ENGINE LIGHT IS ON, LIGHT WAS FLASHING MOTOR FEELS LIKE IT HAS A VIBRATION AROUND 60MPH, CHECK AND ADVISE	949 USA	171089 S07	USA	V29
CUSTOMER STATES CHECK ENGINE LIGHT IS ON, VEHICLE IS RUNNING ROUGH, CUSTOMER HAS BEEN IN FOR SAME CONCERN ON RO 89178 AND RO 88289, PLEASE ADVISE CUSTOMER STATES CHECK ENGINE LIGHT IS ILLUMINATED, LIGHT IS FLASHING, CUSTOMER WAS IN FOR CHECK	949 USA	171089 S07	USA	V52
ENGINE LIGHT ON RO 88289 AT 9227 MILES ON 11 3 11 WHEN ONE SPARK PLUG WAS REPLACED, CHECK AN CHECK ENGINE LIGHT ON. CK/ADV IDS HOOK UP PO131, PO640, P1646. PREFORMED PMI IN PCM PER CODE DESCRIPTION.	949 USA	171089 S07	USA	V29
RETEST OK AT THIS TIME	620 USA	153201 S07	USA	V44

CHECK ENGINE LIGHT ON. CK/ADV CONFIRMED CONCERN. IDS HOOK UP FOUND CODE PO131. PINPOINT TEST D22 NO. D212 YES D213 YES. D214 NO, D217 YES. FOUND FAULTY CHECK ENGINE LIGHT ON. CK/ADV CONFIRMED CONCERN. IDS HOOK UP FOUND CODE P2237. PINPOINT TEST DZ1 YES, DZ2 NO, DZ18 YES. FOUNND FAULTY O2	620 USA	153201 S07	USA	V44
SENSOR.	620 USA	153201 S07	USA	V44
CUSTOMER STATES CHECK ENGINE LIGHT IS ON NO DRIVABILITY CONCERNS	201 USA	113158	1 USA	V29
CHECK ENGINE LIGHT IS ON SEE NOTES IN HISTORY	201 USA	113158	1 USA	V29
CUSTOMER STATES CHECK ENGINE LIGHT IS ON INSTALL SOP PARTS	201 USA	113158 S07	USA	V29

NOT BOOSTING	902 CAN	4B3225	S07	CAN	V29
NO POWER SKIPS UNDER HARD ACCEL OR UNDER LOAD PULLING 2000 LBS TRAILER ALSO VERY POOR FUEL ECONOMY PULLING TRAILER	902 CAN	4B3225		1 CAN	V29
CHECK ENGIUNE LIGHT NOT ON SKIP ON HARD ACCEL NO POWER	902 CAN	4B3225		1 CAN	V29

AWS VEHI VRT CODETIS FLAG CLAIM BINNED FUNCTION

F6 F04 PT C C

 F6
 F04
 PT C C

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 PT C C

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 PT C C

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F04

PT C C

F6 PT C C F04 F6 F04 PT C C F6 PT C C F04 PT C C F6 F04 F6 PT C C F04

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 PT C
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 PT C
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PT C C

F6

F04

F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT MALFUNCTION

F6	F04	PT MALFUNCTION
F6	F04	PT MALFUNCTION
F6	F04	PT C C
F6	F04	PT C C

PT C C

F6

F04

F6 F04 PT C C

PT C C

F6

F04

VIN	PROBABLE / SUSPECT ROOT CAUSE	VIN
1FTFW1CT1BF	СОР	1FTFW1CT1BF
1FTFW1CT1BF	COP	1FTFW1CT1BF
1ETEW/10T5DE	COP	1FTFW1CT5BF
1FTFW1CT5BF	COP	TFTFWTC13bF
1FTFW1CT5BF	COP	1FTFW1CT5BF
1FTFW1CT5BF	DIAG - MISFIRE	1FTFW1CT5BF
1FTFW1CT5BF	COP	1FTFW1CT5BF
1FTFW1CT6BK	DIAG - MISFIRE	1FTFW1CT6BK

		ı
1FTFW1CT6BK	CATALYTIC CONVERTER	1FTFW1CT6BK
1FTFW1CT7BF	COP	1FTFW1CT7BF
1FTFW1CT7BF	CATALYTIC CONVERTER	1FTFW1CT7BF
1FTFW1CT7BF	GROUND G105	1FTFW1CT7BF
1FTFW1CT7BF	CATALYTIC CONVERTER	1FTFW1CT7BF
1FTFW1CTXBF	DIAG - P0430	1FTFW1CTXBF
1FTFW1CTXBF	CATALYTIC CONVERTER	1FTFW1CTXBF

1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - P0430	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	SPARK PLUGS	1FTFW1ET0BF
1FTFW1ET0BF	FUEL IN ECTOR	1FTFW1ET0BF
1FTFW1ET0BF	SPARK PLUGS	1FTFW1ET0BF

1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF

1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	FUEL IN ECTOR	1FTFW1ET0BF
1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	FUEL IN ECTOR	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF

1FTFW1ET1BF	DIAG - MISFIRE	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF
1FTFW1ET1BF	DIAG - MISFIRE	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	FUEL IN ECTOR	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF

1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	SPARK PLUGS	1FTFW1ET1BF

1FTFW1ET1BF	SPARK PLUGS	1FTFW1ET1BF
1FTFW1ET1BK	DIAG - P0430	1FTFW1ET1BK
1FTFW1ET1BK	CATALYTIC CONVERTER	1FTFW1ET1BK
1FTFW1ET2BF	FUEL IN ECTOR	1FTFW1ET2BF
1FTFW1ET2BF	CATALYTIC CONVERTER	1FTFW1ET2BF
1FTFW1ET2BK	DIAG - MISFIRE	1FTFW1ET2BK

1FTFW1ET2BK	FUEL IN ECTOR	1FTFW1ET2BK
1FTFW1ET2BK	DIAG - MISFIRE	1FTFW1ET2BK
1FTFW1ET2BK	GROUND G105	1FTFW1ET2BK
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF

1FTFW1ET3BF	COP	1FTFW1ET3BF
1FTFW1ET3BF	DIAG - MISFIRE	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	COP	1FTFW1ET3BF
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF

1FTFW1ET3BF	CRANK SENSOR	1FTFW1ET3BF
1FTFW1ET3BF	DIAG - P0420	1FTFW1ET3BF
1FTFW1ET4BF	CATALYTIC CONVERTER	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - P0430	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1FTFW1ET4BF	FUEL IN ECTOR	1FTFW1ET4BF

1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1FTFW1ET4BF	СОР	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1FTFW1ET4BF	COP	1FTFW1ET4BF
1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	CATALYTIC CONVERTER	1FTFW1ET5BF

1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	FUEL IN ECTOR	1FTFW1ET5BF
1FTFW1ET5BF	SPARK PLUGS DIAG - MISFIRE	1FTFW1ET5BF
1FTFW1ET5BK	COP	1FTFW1ET5BK
1FTFW1ET6BF	DIAG - P0420	1FTFW1ET6BF

1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - MISFIRE	1FTFW1ET6BF
1FTFW1ET6BF	FUEL IN ECTOR	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	SPARK PLUGS	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - MISFIRE	1FTFW1ET6BF

1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	COP	1FTFW1ET6BF
1FTFW1ET6BF	CRANK SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - P0430	1FTFW1ET6BF
1FTFW1ET6B	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF

1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BK	DIAG - P0430	1FTFW1ET6BK
1FTFW1ET6BK	CATALYTIC CONVERTER	1FTFW1ET6BK
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	SPARK PLUGS	1FTFW1ET7BF

1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	SPARK PLUGS	1FTFW1ET7BF
1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF
1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF

1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF

1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	DIAG - P0430	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BK	DIAG - MISFIRE	1FTFW1ET7BK
1FTFW1ET7BK	COP	1FTFW1ET7BK

1FTFW1ET7BK	COP	1FTFW1ET7BK
1FTFW1ET7BK	CATALYTIC CONVERTER	1FTFW1ET7BK
1FTFW1ET8BF	СОР	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF

1FTFW1ET8BF	CATALYTIC CONVERTER	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	SPARK PLUGS	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BK	DIAG - P0430	1FTFW1ET8BK
1FTFW1ET8BK	CATALYTIC CONVERTER	1FTFW1ET8BK

1FTFW1ET9BF	GROUND G105	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - P0430	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF

1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	UEGO SENSOR	1FTFW1ET9BF
1FTFW1ET9BF	COP	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	COP	1FTFW1ET9BF
45750467005	CATAL VIIIC CONVERTED	4575.04570.05
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF

1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
457574457005	COD	4575.04570.05
1FTFW1ET9BF	COP	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF

1FTFW1ETXBF	DIAG - P0430	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF

1FTFW1ETXBF	COP	1FTFW1ETXBF
1FTFW1ETXBF	DIAG - P0430	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF
1FTFW1ETXBK	COP	1FTFW1ETXBK
1FTFW1ETXBK	DIAG - MISFIRE	1FTFW1ETXBK
1FTFX1CT1BF	CATALYTIC CONVERTER	1FTFX1CT1BF
1FTFX1CT1BF	UEGO SENSOR	1FTFX1CT1BF

1FTFX1CT1BF	COP	1FTFX1CT1BF
1FTFX1CT1BF	UEGO SENSOR	1FTFX1CT1BF
1FTFX1CT2BF	CATALYTIC CONVERTER	1FTFX1CT2BF
1FTFX1CT2BF	UEGO SENSOR	1FTFX1CT2BF
1FTFX1CT3BF	COP	1FTFX1CT3BF
1FTFX1CT3BF	UEGO SENSOR	1FTFX1CT3BF
1FTFX1ET0BF	SPARK PLUGS	1FTFX1ET0BF
1FTFX1ET0BF	DIAG - MISFIRE	1FTFX1ET0BF
1FTFX1ET0BF	SPARK PLUGS	1FTFX1ET0BF

1FTFX1ET0BF	CATALYTIC CONVERTER	1FTFX1ET0BF
1FTFX1ET2BF	DIAG - MISFIRE	1FTFX1ET2BF
1FTFX1ET2BF	COP	1FTFX1ET2BF
1FTFX1ET3BF	COP	1FTFX1ET3BF
1FTFX1ET3BF	CATALYTIC CONVERTER	1FTFX1ET3BF
1FTFX1ET4BF	COP	1FTFX1ET4BF

1FTFX1ET4BF	COP	1FTFX1ET4BF
1FTFX1ET4BF	FUEL IN ECTOR	1FTFX1ET4BF
1FTFX1ET4BF	SPARK PLUGS	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF

1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET5BF	SPARK PLUGS	1FTFX1ET5BF
1FTFX1ET5BF	CATALYTIC CONVERTER	1FTFX1ET5BF
1FTFX1ET6BF	UEGO SENSOR	1FTFX1ET6BF
1FTFX1ET6BF	UEGO SENSOR	1FTFX1ET6BF
1FTFX1ET9BF	DIAG - MISFIRE	1FTFX1ET9BF
1FTFX1ET9BF	CATALYTIC CONVERTER	1FTFX1ET9BF

1FTFX1ETXBF	COP	1FTFX1ETXBF
1FTFX1ETXBF	CATALYTIC CONVERTER	1FTFX1ETXBF
1FTVX1ET7BK	COP	1FTVX1ET7BK
1FTVX1ET7BK	SPARK PLUGS	1FTVX1ET7BK
1FTVX1ET8BK	DIAG - P0430	1FTVX1ET8BK
1FTVX1ET8BK	CATALYTIC CONVERTER	1FTVX1ET8BK

MILEAGE	TOTAL COST	TECH COMMENTS 1	TECH COMMENTS 2
		ROAD TEST TRUCK, TEST FOR CODES, P0302 P0316. CHECK FOR TSB SSM. POWER BALANCE TEST, COMPRESSION TEST, FUEL IN ECTOR FLOW TEST, REMOVE 2 SPARK PLUG AND COIL, CLEAN OUT ANTIFREEZE FROM 2 SPARK	
11143	298.14		REROAD TEST OK.
20909	195.03	IDS TEST ROAD TEST DCL MONITOR TEST REPLACE 4 COIL AND PLUG RETESTED SYSTEM ROAD TEST OPERATION NORMAL VERIFIED CONCERN CK CODES P0304 REMOVED COIL FROM 4	INSPECT AND OVERLAY CIRCUIT
3839	1032.33	CYL FOUND COIL DAMAGED FROM HEAT REPL ACED COI L TEST DROVE APPROXIMATELY 7 MILES SK IP RETURNED 4 CYL CONTACTED HOTLINE ID 10482 2426 ADVISED TO	CE306 PERFORMED OVERLAY RECONTACT HOTLINE WAS ADVISED TO REPLACE PCM ANDCOIL AND PLUG INST ALLED PCM REFLASHED AND ROADTE ST TO VERIFY REPAIR
		VERFIED CONCERN,IDS CODE P0304,CONTACT TEST HOTLINE ID 104855226,ADVISED TO REPL 4,5,6 COILS,ALL SPARK PLUGS,AND ENGINE WIRING HARNESS,REMOVED INNER FENDERS,INTAKE,WATER TU BE	O CROSSOVER ON REAR INTAKE,REMOVED ALL LOWER ENGINE SHIELDS,REMOV ED LEFT AND RIGHT EXH PIPES TO LOWER ENGINE BACK TO INSTALL HARNESS,REINSTALLED ALL IDEMS CLEAR CODE,RETEST
4376	2291.84	FROM FRONT HOSE INLET T RAN EEC TEST NO DTC S MONITORED PID DATA RAN PWR BALANCE TEST ON TEST DRIVE REPROGRAMMED PCM TO LATEST	ROAD TEST,ALL OK AT THIS T
2328	55.66	UPDATE	
		CONFIRMED COMPLAINT. TEST WITH IDS, FOUND CODE P0303 PRESENT PPT, FOUND CYLINDER THREE COIL FAULTY REPLACED NUMBER THREE COIL. RETESTED,	
4900	114.72	OKAY. TEST DROVE, OKAY	
3036	83.88	0300 0305 0306 0430	

3187	P0430 CAR EFF RAT 2 HF 1 P0430 YES HF2 NO HF 3 NO HF 4 197 202 PSI REPLACE BANK 2 CAT LABEL AND REPLACE ALL 6 PLUGS AND COILS BANK 2 ONLY RE FLASH PCM CK COND 105 BACK OF HEAD P1430 PREFORM CAT CONVERT DIAG PERFORM PWR BALANCE IGN SYSTEM SUBMIT OASIS WAS
	PERFORMED ALL EEC TESTS, RECEIVED FAULT CODE P0430. CONTACTED HOTLINE, WAS INSTRUCTED TO CHECK THE ETHANOL CONTENT OF THE FUEL. OK. HOTLINE INSTRUCTED TO REPLACE ALL BANK 2 COILS ARED CODES RETURNED
12170	269.58 SPARK PLUGS, CLE VEHICLE TO THE CUSTOMER. PERFORMED SYSTEM DIAGNOSTICS, REPLACED THE LEFT SIDE CATALYTIC
18337	490.63 CONVERTER EEC TEST AND RETRIEVE CODES P2310 P2313 P2316 , PINPOINT TEST FOUND NO GROUND TO COILS. MT TIME TO TRACE GROUND CIRCUIT, FOUND G105 LOOS E AT STUD ON LEFT HAND CYLINDER HEAD, TIGHTEN
9	74.7 RETEST OK VCC PERFORMED EEC TEST DTC P0430 CAT EFFICIENCY BANK 2. 3 PLUGS ON BANK 2. CLEARED CONTECTED HOTLINE. MONITOR CODES AND ROAD TEST AND MISFIRES, NONE. MONITOR PIDS MONITOR PIDS, ALL OKAY. NOTHING ABNORMAL FOUND. AS VERIFIED REPAIR. ENGINEER IN PER HOTLINE REPLACE BANK 2 DEERBORN WANTED CAT CONVERTER, ALL 3 COILS CONVERTER, COILS PLUGS
1067	710.5 AND REPLACED LABOR TO VERIFY CONCERN, IDS DIAG KOEO KOER P0430 PPT HF1 YES, HF2 NO, HF3 NO, HF4 YES HF5 NO HF 10. COMPLETE DRIVE CYCLE ROAD TEST ALL MONITORS
8617	96.93 PASSED. LABOR TO ROAD TEST,MIL NOT ON. IDS DIAG KOEO KOER P0430. RENEW BANK 2 CAT RETEST
9584	512.26 ROAD TEST

4421 4659	WE VERIFIED THE CHECK ENGINE LD NOT ISOLATE FAULT. LIGHT IS ON. WE RAN SELF TESTS CONTACTED THE TECHNICAL AND RECEIVED CODE P0306. WE RAN POWER BALANCE TEST, SWAP PLUG AND COIL FROM MONITORED PIDS, ROAD TESTED CYLINDER SIX WITH A KNOWN GOOD CYLINDER. WE DID AND PERFORMED A COIL DRIVER TEST, DROVE VEHICLE OVER 40 MILES 131.3 AND COU AND COULD NOT EEC P0430 PINPOINT TEST REPLACED CAT CONV BANK 2 596.23 CLEARED CODES
	VERFIY CEL IDS SELF TEST CODE P0430 CUSTOMER IS TRAVELING WILL GET REPAIRS MIN HIS HOME TOWN OK TO DRIVE POSSIBLE CAT CONVERTER PROBLEM NO
4826	48.07 PART AVALIBLE 679 VERIFY MIL ON EEC TEST KOEO PASS KOEC P0430 PI NPOINT TEST HF2 NO OTHER CODES HF3 INSPECT WIRING OF BANK2 CATALYST NO FAULT PRESSURE HF5 INSPECT NO LEAK OR MOD IFICATION FOUND HF10 CLEAR CODE AND PERFORM CAT
5805	502.58 HF4 MONITER FUEL PRES 1955 12405 42 CONDUCTED ON BOARD DIAG USING IDS. P130D. PINPOINT KNOCK SENSOR PIDS AND ISOLATE TO 4 CYLINDER CONCERN. CONDUCTED IN ECTOR REL ATIVE FLOW TESTS, ALL PASS. RELATIVE MONITER DRIVE CYCLE SHOWED 4 AND 6 CYLINDERS DOWN 1 PERCENT. CONSULT HOTLINE, TESTDRIVEN AND MONITORED MISFIRE WHILE DRIVING USING IDS. 4 CYLINDER CONCERN. PINPOINT SECONDARY IGN SYSTEM. 4
1947	184.68 COMPRESSION TESTS CK ENG NOT SHIFTING OUT OF GEAR TEST DROVE TO VER ALSO D TO PERF AN IN FLOW TEST ENG HAS A MISFIRE CK FOR FAIL TEST ON A 4 AND 3 CYL REC CODES FOUND P130D ENG KNOCK TO REPL AFFECTED IN REM / COMBUSTION PERFORMANCE INTAKE TO REPL 4 AND 3 IN ALSO FORCE LIMITED POWER FOUND RESEAL ALL IN S REINSTALL AND CYL MISFIRE CONTACT HOTLINE REPL NUMBER 4 COIL AND PLUG
3546	RESCANNED TRUCK FOUND MISFIRE ON START UP CODE AND P0304 MISFIRE CODES PERF DIAG REMOVED PLUGS CK FOUND PLUG NUMBERS OLD NUMBERS REPLACED PLUGS W UPDATED RS TEST OK RELEASED OK FORD
7358	PLUGS ALL CYLINDERS TEST OK A TANK FILL UP FILLED UP 163.1 DROVE W ENGINEE TANK

7358	292.26	PERF DIAG FOR CK ENGINE LIGHT ON HOOKED UP IDS CK FOR CODE P0430 BANK 2 CAT CODE PERF DIAG CK PID DATA FOUND BANK 2 DOWN STREAM 02 SWITCHING RATE HIGH CK FOR VACUUM LEAKS OR OVER FUELING FOUND T	CONTACT NUMBER 104712867 WAS CALLED BY KEVIN FORD ENGINEER WANTED TO COME OUT AND SEE VEH FOR CONCERN WORK W ENGINEERS W PIDS
245	63.23	SSM 21703 RESET MISFIRE MONITOR NEUTRAL PROFILE CORRECTION REDROVE OK COIL AND PLUG. SWITCHED 31 AND 2 PLUG AND 1 AND 3 COIL. REDROVE, FOUND A MISS ON CYLINDER 3. REPLACED COIL IN	
247	241.81	3 CYLINDER CLEARED CODES. REDROVE OK NOW ATTEMPT TO VERIFY CONCERN UNABLE TO VERIFY CONCERN. PERFORM VISUAL INSPECTION NOTHING FOUND. PERFORM EEC SYSTEM TESTS P0304, P0305, P0306. PERFORM IN ECTOR FLOW	IN ECTOR FLOW TEST PASS. CHECK OASIS FOR TSBS AND
9593 9637		TEST PASS. PERFORM POWER BALENC VERIFY CONCERN CHECK ENGINE LIGHT IS ON. PERFORM VISUAL INSPECTION NOTHING FOUND. PERFORM EEC SYSTEM TESTS P0430. CHECK OASIS FOR TSBS AND SSMS NONE FOUND. PERFORM PID MONITOR TEST OS22 VOLTAG	SSMS NONE FOUND. CONTACT FORD TECHNICAL HOTLINE E NORMAL. PERFORM PID MONITOR ROAD TEST OS22 VOLTAGE SWITCHING TO FAST. PERFORM CATALYTIC CONVERTER DIAG 1.5 PSI ON WOT SNAP. REPLACE THE CATALYTIC CONVERTER (CHEMICALLY INACTIVE) RETEST
9037	017.93	IDS START CODE TEST P0306 (MEMORY AND PENDING) TEST DROVE WITH POWER BALANCE. MISS ON 6 VERIFIED. REPLACED 6 COIL AND PLUG. CLEARED CODES	
1926	151.35	ROAD TEST OK NO CODES NO MODE 6 MISFIRES. CONTACTED HOTLINE INSTRUCTED TO CHECK SPARKPLUGS GROUND LOCATION G105. FORD ENGINEER INDICATED THIS IS A ISSUE UNDER REVIEW FOR	
3139	130.95	RESOLUTION. WILL F/U WITH OWNER	ASAP WHEN FIX BECOMES AVAILABLE.

TEST PCM. TEST OUT COIL. FAILS. REPLACE 4 COIL.TEST DROVE 3 138.38 OK. **RUN DIAGNOSTIC TESTS** RECEIVED MULTIPLE CODES PERFORM PIN POINT TESTS IGNITION TESTS REPLACE PCM REMOVED ONE CODE PERFORM MORE PIN POINT TESTS IN ECTOR HARNESS S PER REPLACED TWO IN ECTORS ONE HOTLINE 1653.59 COIL AND ONE PLUG AND MT TIME IS THE TIME 10 PREF SELF TEST RETREVIED CODE P0302.PREF RELATIVE COMPRE TEST ALL CYLINDERS WERE NORMAL.PREF IGNITIOSYS NEW IGNITION COIL SPARK DIAG FOUND THAT CYLINDER 2 PLUG, RE SET KAM, UPDATED SPARK PLUG WAS FOUALSO PREF P RE SET MISFIRE MONITOR.RD COP TEST FOUND THAT IGNI COIL TESTED FOUND NO OTHER 22982 193.96 IS WEAK IN CONCERNS AT THIS TIME. RDTEST CEL FLASH ENG MISS SED.SUSPECT INTERM CNCRN UNDER LOAD.SCAN CODES WITH IN 3.REPL NO 3 FUEL P0303.REL COMPRESS PASS.PWR IN ,SEALS,BOLTS PLUG.REPL BAL CYL 3 DROP OUT. FOUND FUEL HIGH PRESS PLUG FOULED.IGN TEST COIL TUBE, COOLANT ORINGS, TSTAT PASS,PLUG RE REPL.R R PLUG HOUSING ORING CROSSOVER DID NOT FIX CNCRN.PERF PIPE GSKT.REPL RH FUEL PRESS 21821 781.92 HIGH LOW PRESTEST PAS SNSR.TOR RAN EEC CALLED HOTLINE PRESSURE TESTED EXHAUST WITH AIR AND SOAP FOUND LEAK WHERE RH AND LH CATS MEET REPLACED BOTH CATS ROAD **TESTED OVER 100 MILES** RECHECKED OKGAVE CUSTOMER 1523 1137.55 A LOANER VEHICLE WHILE HIS **WAS DOWN** CKD EEC SYS P013C P2272 REPLACED LH REAR O2 SENSOR CLEARED C ODES FOUND HOSE OFF ON TOP OF TURBO FIXED CLEARED KAM ROAD TEST LIGHT

CAME BACK ON CONTACTED HOTLINE REPLACED UPPER 02

ETEST OK

375.2 SENSOR ROAD TEST R

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ROAD TEST. RUNS BAD. MIL ON.

2145	15.72	SCANNED DTCS NONE TEST DROVE NO PROBLEMS FOUND AT THIS TIME	
2900	145.75	CKD CODES P2196 PRFRM PNPNT TST H MONTRD PIDS FND02 II RT FRT 02 SNSR LAZEY RNR 02 SNSR RETST OK	
		PLAINTE CONFIRMER, SORTIR LES CODES ET VERIFIER SELON LES CODES RECU, FAIRE KAM RESET SELON LES DIRECTIVES DU SSM	
1294	58.77	21703 PROBLEME REGLER PLAINTE CONFIRMER, SORTIR LES CODES ET VERIFIER SELON LES CODES RECU, FAIRE TEST DES CATALISEURS, LE RENDEMENT DU CATALISEUR LH FAIL, FUEL	CEPTABLE, COMPARER AVEC LE NO 5, LE NO 5 EST BEAUCOUP
6047	716.69	PRESSURE ET IN ECTEUR TEST OK, LE COIL NO 6 EST AU MINIMUM	PLUS HAUT, REMPLACER LE COIL
		VERIFY CONCERN,IDS P2196,P0299.PPT H,H2 YES 0299,REFER PPT H N.HN2 NO,HN19 NO,HN20 NO LEAKS,HN21 NO,HN22 YES,HN24 NO,REFE R BACK TO P2196 PPT H.H2 NO,H3 NO,H4 NO,H15 3OHMS,H16 YES,H1 7	ER PPT Z,Z1 YES,Z2 YES,Z3 NO,Z4 NO,Z5 YES,Z 10 YES,Z11 YES,PPTS RUN IN CIRCLES.DISCUSS W FSE B.TENNAL.AD VISD TO PERF RELATIVE IN TEST. 1,2,3 IN S FAILD.REPL 1,2,3 IN S.REM
2128	1051.32	YES,H19 YES,REF (42) UHO2 SENSOR. VERIFY CUSTOMER CONCERN, SYMPTOM CHART T, T1 KOEO PASS, KOEC P2196, CK OASIS, PPT H1	INTAKE,BANK 1 FUEL RAIL,RE
		YES,H2 NO,H3 NO,H3 NO,H4 NO, H15 YES,H16 YES,H17 YES,H19 YES,H20 YES,H21 YES, H25 YES,	ES,H27 NO,H29 NO, REPLACED RH SIDE UHO2 SENSOR (11) PER UHO2 SENSOR, ROAD TESTED
4045	233.26	H26 Y 16875 EEC TESTED CODES P0430 AND P0297 PERFORMED PPT AS PER WSM USING IDS DATA LOGGER NEEDS CONVERTER BANK 2 SENT IN A HOTLINE RE UEST REGARDING CODES NEEDS PART ON PRE FOR NOW	AL CALLS TO ENGINEERING DUE TO CONCERN CONVERTER AND SPARK PLUGS WERE REPLACED ENGINEERING WANTED COILS HOWEVER TRUCK WOULD BE TIED UP UNTIL SEPTEMBER SEE
10485	827.31	9011 RECIVED SEVER	OASIS AND HOTLINE

18931	30508 BANK 2 COILS COULD NOT DUPLICATE CONCERN SELFTEST NO CODES NOTHING IN MODE 6 SENT HOTLINE RE UEST THE CALLED BACK AND THEY SAID TO REPLACE COILS ON BANK 2 REPLACED BANK 2 COILS AS PER 315.38 HOTLIN	E. MT TIME IS FOR AWAITING HOTLINES RECOMENION PHONE CALL. RE TESTED AFTER AND ALL OK 9025
4384	VERIFIED CONCERN. P0430 BANK 2 CATALYTIC EFFICIENCY BELOW THRESHOLD. INSPECTED CONVEROTR. NO SIGNS OF DAMAGE. PERFORMED PINPOINT TEST FAILED. REMOVED AND REPLACED BANK 2 CONVERTOR 854.62 BANK 2 CAT MONITOR	
4858	VERIFIED CONCERN IDS CODE P0430, LH CONVERTER BELOW EFFICIENCY, PERFORMED CONVERTER TEST EXCESSIVE BACK PRESSURE LEFT BANK 13 PSI SHOULD BE NO HIGHER THAN 3, REPL LEFT CONVERTER RD 596.35 TEST VERIFIED FIX	
	ROAD TEST CEL ON RUNS ROUGH IDS TEST CODE P0430 P0306 SUBMIT TO HOTLINE FROM PREVIOUS REPAIR REPLACED BANK 2 COILS AND PLUGS PER HOTLINE CLEAR CODES ROAD TEST OK CALLED HOTLINE FOR	TO REPLACE BANK 2 CAT FOR
2314	250.87 REPAIR WAS ADVISED ROAD TEST DIAG CODE P0430 BANK 2 CATT EFFICIANCYT CONTACT HOTLINE FROM PREVIOUS VISIT RO 138304 REOKPLACED BANK 2 CATT	CODE P0430 SOP CATT
2778	VERIFIED CONCERN. SCAN FOR CODES P0304, P0316. POWER BALANCE TEST. PINPOINT TEST. MISFIRE TEST. EXCHANGE 4 1 SPARK PLUGS. MISS MOVED TO CYL 1. REPLACE SPARK PLUG.	
60	136.06 CLEAR CODES. RECHECK MISFIRE	DATA. ROADTEST.

61	108.11	ROADTEST. VERIFIED ROUGH RUNNING. SCAN FOR CODES P0304 P0305. PERFORMED POWER BALANCE TEST, COIL STRESS TEST, AND IN ECTOR FLOW TEST. SWAPPED PL UGS MISFIRE MOVED. NEC TO REPLACE 4 5 SPARK PLUGS	. POWER BALANCE TEST. PERFORMED SELF TEST.
		FAIT VER VEH VER DTC ET EN MEMOIRE CODE P0430 FAIT ESSAI ROUTIER ET VEH NE MAN UE PAS ET CHECK ENGINE PAS ALLUMER VER OASIS ET RIEN LA DESSUS FAIT INSPECTIO N VISUELLE DU CATALYSEUR	2 TOUT EST NORMAL ENLEVER 02 22 ET R EGARDER A INTERIEUR
6328		GAUCHE ET SONDE 0 SORTI CODE P0430 FAIT TEST HC 1 2 3 4 PRESSION DESSENCE MONTE A 1500PSI CHANGER CATALYSEUR GAUCHE INSTALLE CATALYSEUR GAUCHE EFFACE	TOUT EST OK
6381	566.54	COLLES ESSAYE OK VERIFIED CUSTOMER CONCERN, FOUND VEHICLE RUNNING ROUGH AND CHECK ENGINE LIGHT ON, RAN EEC TEST AND FOUND DTCS P0304 AND P0175, TEST DROVE VEHICLE WHILE MONITORING PIDS, FOUND	THE RIGHT BANK AND MISSING ON 4 CYLINDER, RAN RELATIVE IN ECTOR TEST AND FOUND 4 IN ECTOR TO BE FAULTY, REPLACED 4 IN ECTOR, CLEARED DTC AND KAM MEMORY, TEST DROVE VEHICLE,
2962 3438		VEHICLE RUNNING RICH ON VERIFIED CUSTOMER CONCERN, FOUND CHECK ENGINE LIGHT ON, RAN EEC TEST AND FOUND DTC P0430, TEST DROVE VEHICLE WHILE MONITORING HUGO AND CATALYST MONITOR PIDS, FOUND LEFT BACK CONVERTER TO BE FAULTY	RERAN UICK TEST, DUE TO PREVIOUS FUEL IN ECTOR FAILURE, REPLACED LEFT BANK CONVERTER, TEST DROVE VEHICLE, VERFIED REPAIR, VEHICLE OK AT THIS TIME
1389		ROADTESTED UNABLE TO VERIFY. PREFORMED ELECTRONIC ENGINE CONTROL TEST AND RETREIVED CODE P0301. MONITORED PIDS ON ROADTEST ALL INPUTS AND OUTPUTS OK. CHECKED FOR MISSFIRES ON ROADTEST NONE FOUND. PINP	
1303	100.59	NOADILOT NONL FOUND. FINE	AGAIN WE WILL DE ADLE

1948	638.36	UNABLE TO VERIFY CONCERN AT THIS TIME, PREFORMED ELECTRONIC ENGINE CONTROL TEST ALL PASS, MONITORED PIDS ON ROADTEST ALL INPUTS OUTPUTS OK, MODE 6 SHOWS NO MISSFIRES. CONTACTED HOTLINE ADVISED POSSIBL	SERVICE MANUAL PROCEDURE, RAODTESTED ALL PASS,
8128	15.7	TEST EEC SYSTEM CODE P0305 IN SYSTEM. TEST DRIVE AND ATTEM PT TO GET TO MISS AGAIN COULD NOT DUPLICATE AT THIS TIME.	
8404	196.25	CHECK COIL PERFORMANCE ALL COILSPERFORMED TO SPECS ALTHOUGH 4, ROAD TESTED, IDS TEST, CODE	5,6 HAD HIGH KV AT TIMES. PERFORMED VOLTAGE TEST ON GROUND G105 FOUND 3.5 VOLTS. CHECK BOLT AND TURNED IT A LITTLE UNDER 1 2 A TURN. CHECK MISS FIRE TEST AFTER REPAIR
2894	493.39	P0306, POWER BALANCE SPARK DURATION TEST, CALLED HOTLINE, R R ENGINE COVER SWAPPED NO.6 COIL PLUG WITH NO.1 CYLINDER, REROAD TESTED, RESWAP NO.1 COIL PLUG BACK, REPLACED	DEFECTIVE NO.6 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)
		ROADTESTED, DCL DISPLAY/PID MONITOR TEST, IDS TEST, CODE PO430, PINPOINT TEST, FLOW TEST CATALYTIC CONVERTERS, R R HEAT SHIELDS, LEFT O2 SENSORS, TO REPLACE LEFT CONVERTER BECAUSE IT HAD	FLOW,REROADTESTED,FINAL TEST,PASSED. (HAD TO USE M TIME TO REPLACE CATALYTIC CONVERTOR,PERFORM FLOW TEST ON CATALTYIC CONVERTORS, AND TO R R HEAT SHIELDS NO LABOR OPS
7670	733.6	INSUFFICENT CHECDK WITH IDS CHECK CODES P0430 CAT EFFICIE NCY BANK 2 MONITORED PIDS SENSOR 2 ERRACTIC L ONG TERMFUEL TRIM 1.78 CONTACT HOTLINE FOR SYMTOMS CONCE RN SERVICE REP GEORGE RENO 313 3 90 1441	FOR 3.5L) TECH HAD CHECK GROUND AND T OR UE LH COIL PACK TO 12 FT LBS PLUS 45 DEGRE ES AND REPLACE CATALYST A S PER HIS AND HOTLIN E RECOMMENDATION MT TIME AS NO TIMES LISTED I N SLTS FOR ECOBOOST ENGINE
401	881.51	CONTACTED	AND TI

5581		PCM AND RESTE KAM PERFORMED FULE ECO TEST GOT 16. 3MPG. HOTLIN E COMMENTS WERE TO REPLACE ALL B ANK 2 COILS AND S	
1873	34.95	ROAD TEST UDC TEST EEC ALL PASS CODES. REPROGRAM PCM TO LASTEST CALIBRATION. REROAD TEST MONITOR PIDS TESTED EEC V P0430 DATALOOER SHOWS BANK 2 CAT NOT WORKING REMOVE AND REPLACE LEFT CAT CONVERTER. CLEAR CODE REPROGRAM PCM ROAD	
9654	567.52		
		SPARK PLUGS FOULED DIAGNOSE AND PERFORM POWER BALANCE REMOVE AND REPLACE ALL FOUR SPARK PLUGS	
10920	189.99	RECHECK PERFORM SYSTEM DIAGNOSTIC AND PINPOINT TEST FOUND FAULTY CYL 5 CIOL AND PLUG. REPLACE CYL 5 COIL AND PLUG TEST DRIVE AND RETEST.NO OTHER FAULTS AT THIS TIME. 1401000005787000032714000	
13447		O0000000038501 INOP ROAD TEST, FELT MISS/SKIP UNDER HEAVY ACCEL. EEC TEST P0300, IGNITION COIL STRESS TEST, NONE FAILED. POWER BALANCE H1,3,4 MISSED UNDER LOAD. REPLACED 1,3,4 SPARK PLUGS, RETEST DROVE, 5,6	UNDER LOAD. REPLACED 5,6 PLUGS, RE ROAD TEST, 2 SKIPPED UNDER LOAD, REPLACED 2 PLUG AND TEST DROVE OK. CLEAR CODES AND RETEST
8035		MISSED	FINAL TEST OK
8698		EEC TEST DCL MONITOR EXHAUST BACK PRESSURE TEST 12LBS AT 1500 RPM REPLACED BANK 2 CONVERTER RETEST OK	

IDS TEST NO CODES MODE 6 SHOWS 1 COUNT MISFIR E ONCYL 5 SINCE LAST TIME IN. UPDATED

1192	VERIFIED CONCERN EEC TESTED P0320 00 WENT TO PINPOINT A1ENGINE CRANKS VEH DID NOT START PINPOINT TEST D1 RPM0 D2 REMOVED LEFT SIDE TURBO REMOVED CRANK SENSOR NO VISABLE DAMAGE TO CRANK 294.08 TRIGGER WHEEL D10 4.9 VOLTS D11 .1 OHMS D12 OPEN D13 NO VOLTAGE D14 INSPECT CRANK CASE PRESSURE OK REPALCED CRANK SENSOR REASSEMBELED AND TEST DRIVE 150 MILES ENGINE RUNS PROPERLY .
5785	VERIFIED CONCERN CK ENGINE LIGHT ON UICK TEST P0420 CK OASIS PIN POINT TEST H72, CK PCM S027 TEST NO, H73 CK WIRING HARNESS NO, H74 CK FUEL PRESSURE REFER TO 99.7 PINPOINT TEST HC IS WITHIN SPEC YES, H75 CK FOR EXHAUST SYSTEM LEAKS NO, H710 CARRY OUT CATALYST MONITOR DRIVE CYCLE, ARE DTC S P0420 PRESENT NOW NO, TEST COMPLETE NO CONCERNS PRESENT AT THIS TIME
6535	VERIFIER CODE AVEC IDS CODE P0430. VERIFIER DANS OASIS RIEN. FAIRE DIAG CODE. PINPOINT TEST HF. CATALYSEUR D FECT ET SENSOR O2 22 . REMPLACER CATALYSEUR GAUCHE ET SENSOR O2 22. ESSAIE TOUT EST 639.16 OK
6118	ESSAIE ROUTIER, BON ENDEMENT, MAIS CHECK ENGINE EST ALLUM VOIR CODE AVEC IDS P0430. OASIS RIEN A CE SU ET.VOIR PCED ET PINPOINT 18.44 TEST TOUT EST OK
4044	PERFORM DIAG KOEO, KOER, CONT PASS. POWER BALANCE, REL COMPRESS, HIGH BALANCE FUEL TEST PASS. CONTACT HOTLINE.INSP ENG HARNESS FOR CHAFFING NONE FOUND. COULD 56.96 NOT DUPLICATE CONCERN
7284	ROAD TEST. UICK TEST NO CODES.DID SHOW MODE 6 SHOWS 6 MISFIRE COUNTS ON 6. POWER BAL, RELT COMPRESS TEST, RELT IN FLOW, SPARK DURATION. ALL PASS. CONTACT D 6IN ECTORS, REPL 3 AND 6 FORD, FSE RUSS PRYOR SAID TO SPARK PLUG. TEST DROVE OK. 815.84 REPLACE 3 AN CASE
. 20 .	5.5.5

3122	CODE P0306 COIL 1 AND 6 PERFORM IDS REMOVE COIL SWITCH 1 AND 6 REPLACE 74.53 REINSTALL CLEAR CODE . TEST DROVE WITH IDS ON POWER BALANCE VERIFIED INTERMITTANT MISS ON CYLINCER 6 RAN UICK TEST ON IDS P0306 IN MEMORY SUBSTITUTE KNOW GOOD COIL AND RETESTED OK REPLACED COIL 6 AND SPARK PLUG ODE TEST DROVE AND
11923	148.71 CLEARED C RECHECKED TO VERIFY REPAIR TEST ALL MODULES CODE PASS ON ALL RUN PINPOINT TESTES CK OASIS FOR TSB OR SSM NONE
1501	48.25 FOUND ROAD TEST PERFORMED EEC TEST FOUND NO CODES. PERFORMED ROAD TEST. COULD NOT GET TRUCK TO WAS TOLD TO REPLACE ALL ACT UP. CONTACTED HOTLINE. BANK 2 COILS AND PLUGS. CONTACT ID 104924536. WAS MARKED COILS TO WHAY TOLD TO CHECK MODE 6. CYLINDER THEY WHERE IN. NOTHING FOUND IN MODE 6 FOR RETOR UE G105. ROAD TESTED.
3142	340.03 MISFIRING. THEN TEST IN ECTION CODE P0299 P0306 PINPOINT TEST FUEL TEST IGNITION CHANGER BOUGIE 6 RETEST OK REPROGRAMMER
10709	120.95 PCM SELONTSB 11 07 20 TEST IN ECTION ELECTRONI UE PAS DE CODE TEST SUR ROUTE TEST DE CONSOMMATION OK VERIFIER FILTRE A AIR OK NETTOYER LE MAFMODE 6 MISFIRE 3 ET 4 0.16 DE RATES CHANGER BOUGIE 3 ET 4
11727	125.8 RETEST OK EFFAC ER PROFIL DE MISFIRE OK
5156	SCANNED FOR CODES P0430 CAT SYSTEM BELOW THRESHOLD (BANK 2) CHECKED MESSAGE BOARD AND TSB/SSM FOUND ON MESSAGE BOARD PROBLEMS WAITING TO HEAR BACK TALKED SEEMS TO BE RUNNING CORRECTLY WHEN MONITORING THE PIDS USING THE IDS FINALLY DROVE THE VEHICLE TO GET TO OPERATING TEMP AND USING A TEMP GUN MEASURED AND FOUND THE BAN

		SCANNED FOR CODES AND NO CODES STORED. DID SOME INVESTIGAT ING AND FOUND THAT MISFIRES STAYED IN MODE 6 DATA FOR CYLIND ERS 5 AND 6. WOULD LIKE TO ORDER SPARK PLUGS FOR LEFT BANK T O	
9101	217.46	CORRECT CONCERN. TEST WITH IDS CODE P0301 P0316 CYL BALANCE REMOVE OIL AND PLUG SWITCH OIL AND PLUG WITH ANOTHER CYL MISFIRE SYATED ON 1 CYL TRIED DOING	REPLACE ALL 6 PLUGS
		IN ECTOR F FLOW TST WONT TEST REMOVE INTAKE TO	ECTOR RESEALED REAR OF IN ECTOR REASSEMBLE ENGINE
1687	990.43	REPLACE 1 IN TEST WITH IDS NO CODES NO RELATIVE COMPRESSION TEST RELATIVE IN ECTOR FLOW TEST DO POWER BALANCE TEST SHOING FIRING LOW THAN REST	AND TEST DRIVE AFTER REPAIR
		REMOVE PLUGS ON LEFT	N THEM REPLACE PLUGS TEST
3081	114.86	BANK FIND DISCOLORED AND SOME FOULDING O IDS TEST PULLED CODES P0304	DRIVE WITH IDS MONITOR POWER BALANCE SHOWING OK
374	41.44	PERF SSM 21703 RESET AND RETEST OK	
2166	134.92	TECH 127 VERIFIED CONCERN,HOOKED UP TO IDS AND PERFORMED KOEO CONT. CODE P0301,CK MODE 6 AND THERE IS MISFIRES ON 1,ROAD TEST WHILE MONITORING POWER BALANCE AND 1 CYLINDER IS MISSING ON HARD ACCEL VERIFIED ENGINE LIGHT ON IDS CHECK CODES P0420 PID MONITOR TEST ON ROADTEST AND PINPOINT TO BANK 1 CAT CONVERTOR BAD WAS GOING TO ORDER CONVERTOT BUT CUSTOMER WAS TRAVELING	.CHECKED AND REPLACED THE 1 COIL AND SPARK PLUG,ERASED CODE,ROAD TEST WHILE MONITORING POWER BALANCE AGAIN AND PERFORMED FINAL UICK TEST PASS. UALITY CK .D.
79	112.91	THROUGH WAS FROM OUT OF	N CUSTOMER TOOK AND WILL REPAIR WHEN HE GETS HOME
13	112.31	1 O V V	THE THE OLIGINIE

389	737.86	CK ENGINE LIGHT ON CAUSED BY BANK 1 CAT. PERFORM IDS SCAN TEST P0420. PERFORM PINPOINT TEST. FOUND BANK 1 CAT TO BE INOPERATIVE. PRE POST CAT 02S VALUES E UAL. REPLACED BANK 1 CAT. CLEAR C	ODES RD TEST. PERFORMED FINAL SCAN TEST PASS.
		IDS TESTS PP TESTS IGN SYS CK TEST DRIVE TRUCK PID DATA LOG TEST DROVE 34 MILES LOGGING FUEL MILEAGE SEARCHING FOR ANY	TLINE TEST COILS UNABLE TO
549 1539		DRIVABILITY ISSUES CONTACT HO IDS TESTS,PID DATA LOG TEST DRIVE,MONITORED POWER BALANCE NO MISSFIRES,2 COLD STARTS NO MISS,CALLED HOT LINE,REPLACED 1 COIL, 4 IN ECTOR, REPROGRAMED MODULES TO LATESTCALIBRATION PER ENGINEERING.RE	
16031	746.81	25801 8001 INSTALLED CAT 5212BR 1.8 1250BX1 .1 5E212 E29 55 6914,12650D 0.2 HRS, CODE P0430,12650D80 0.1 HRS, 12650D45 0.3 HRS, DIAG, NEEDS BANK 2 CONVERTOR,O2 SENSOR 22 READING POOR, SENSOR OK, 33417 8001 INSTALLED NEW O2 SENSOR WAS RUBBING AND WIRES SHORTING OUT	CK FOR POSSIBLE SSM 21925 FOR
20764	155.09	FOLLOWED SSM 21925 12650DX1 .1 12650D4L .3 9F472 E29 43 6914,12650D0.2 HRS,CODES P0151,P0701,12651D45 0.3 HRS, DIAG, NEED TO CHE VERIFIER PLAITE SORTIR CODE	WIRE CHAFING AT TRANSMISSION FOR UEGO SENSORS HARNESS RUBBING THROUGH
1279	73.6	P0306 KOEC KOEKO KOER VERIFIER PID VERIFIER BOUGIE PLUS REMPPACER BOUGIES EFFACER DTC ROAD TEST OK CYL 6 MT TEMPS NON PUBLIE	
5165	15.28	VERIFIER CODE AUCUN CODE PRESENT	

3590 7833	P0030 00 PCM HEATER CONTROL CIRCUIT BANK SENSOR 1. P0131 00EC PCM 02 CIRCUIT LOW 134.66 VOLTAGE BANK 1 SENSOR 1 CHECK ENGINE LIGHT IS ON. HOOKED UP SCAN TOOL RETRIEVED CODES, PINPOINT TEST LEAD TO CAT DIAG. MONITOR 02 PIDS ALSO MONITOR 02 ON ROAD TEST 02 WORKING FINE. REMOVED REPLACED CATS HAD TO	TRANS CROSSMEMBER TO ACCESS REPLACED BOTH. HAD TO REALIGN EXHAUST SYSTEM RETEST EVERYTHING PASSED.
12200	RAN OASIS,NO TSB S,RAN EEC TEST,NO CODES,RAN RELATIVE COMPRESSIVE TEST FOUND ALL OK,RAN RELATIVE COMPRESSION TEST FOUND ALL OK,RAN PINPOINT TEST FOUND MULTIPLE 293.34 CYL INDERS MIS FIRING UN	
13704	RAN OASIS. NO TSBS. RAN EECT TEST. NO CODES. RAN RELATIVE COMPRESSION TEST. FUEL AND IGNITION TESTS. CONTACTED HOTLINE AND ADVISED TO PERFORM MULTIPLE CHECKS. ADVISED TO REPLACE 511.76 CRANKSHAFT POSITION S	ENSOR. REPLACED SENSOR PER WORKSHOP MANUAL. RETESTED AND TEST DROVE SEVERAL TIMES.
	DIAG FOR CONCERN AND TIME TO PULL CODES P0430 CONTACT HOTLINE NUMBER 104781351 CHECK MODE 6 DATA FOR MISSFIRE NONE FOUND AT THIE TIME. FUEL SAMPLE OK. ALL	
5326	74.19 CHECKS OK AT THIS TIME. DIAG FOR CONCERN AND TIME TO INSTALL NEW COIL PAC KS AND PLUGS ON CYLINDERS 4 5 AND 6, ALSO INSTALL NEW CONVERTER	
12873	877.34 ON BANK 2 CAT CONV DIAG AND P0430 AND REPLACED LEFT BANK CAT AS INSTRUCTED BY HOTLINE AND SECONDARY SENSOR WAS MONITORED AS SWITCHING SUGGESTING CAT FAILURE AND PP TEST DZ FOR P2629 DZ25 YES	0 OHMS RECONN AND CK FOR CODES AND NONE FOUND. TERMINAL FRETTING FOUND TO BE CAUSE OF P2629. IGN SYS DIAG MONITORED MODE 6 MISFIRE DATA AND MISFIRES FOUND ON CYL 4 AND 6 AND
1635	859.65 .3 OHMS DZ29 YES 11	REPLACED ALL SIX PLUGS AND

2814	FOUND P2629 TO BE TERMINAL FRETTING AND CODE WAS PRESENT PREVIOUS REPAIR FOR MISFIRES LED ME TO BELIEVE IT MIGHT HAVE BEEN CONDITIONARY AND REPLAC ED PRIMARY WIDEBAND ON BANK 108.17 TWO AND MONITORED PI CHECKED FOR CODES FOUND P0430 SAVED AS HISTORY CODE, CLEARED CODE AND RAN SELF TEST, CODE NOT PENDING OR RESET, CHECKED 02 SENSOR PIDS FOUND ALL READINGS TO BE NORMAL AT THIS TIME, NO 23.34 TROUBLE FOUND
3226 12299	PERFORM PINPOINT TEST HF1 HF10/FAULT OUTCOME R I CAT Y PIPE /REPLACED LEFT BANK CAT 659.5 CLEAR ,RETEST.ROAD TEST. COMPLETE EEC SYS DIAG PP TEST CHECKED PIDS FUEL TEST 314.26 REPLACE ALL 3 COILS BANK 2
12299	AS PER HOT LINE 104816947 DIAG REPLACE CAT CONV ASSY HARDWARE STUS ANDNUT EXTRA TIME NEEDED FOR TESTING AS PERFORD TECHNICAL HOTLINE 714.91 INSTRUCTIONS
7813 10611	CONST IMPOSSIBLE DE REPRODUIRE L ANOMALIE SUR LA ROUTE OASIS RIEN DE PARTICULIER POUR CE SYMPTOME ECRIRE A LA LIGNE ROUGE POUR CE PROBLEME LA LIGNE ROUGE DIT UIL A VU DES 341.85 COIL EN FAUTE MAIS E DEVR CONST CHECK ENGINE ALLUME PRENDRE CODE P0430 VOIR OASIS AUCU N MESSAGE VERIFIER FILLAGE EGO, VOIR SI CATHALISEUR EST CASSE R OK ECRIRE A HOTLINE VOIR 709.06 MESSAGE CAUSE CATHALISEUR
	PASSER LE IDS CODE P0301,REMPLACER LA BOUGIE 1
8180	92.42 ET REFAIT TEST OK.

8228	181.82	VERIFIER LA PLAINTE, PASSER LE IDS CODE P0301 CONSULTER OASIS ET B.T REMPLACER LE COID 1 ET REFAIT ESSAIR AVEC LE IDS CONFIRMER LA REPARATION.	
		VERIFY CUSTOMER CONCERN. CEL ON. SELF TEST GOT CODE P0306. RAN POWER BALANCE TEST, ROAD TEST WITH IDS. CONTACTED HOTLINE, RECOMMEND TO CHECK G105, AND REPLACED COILS ASS. AND	LACED BANK 2 COILS AND PLUGS , TIGHTEN G105 GROUND, CLEARED CODES , RESET KAM, AND ROAD TEST TO VERIFY
12341	314.11	PLUGS ON BANK 2 , REP VERIFIED CUSTOMER CONCERN, LACK OF POWER , CEL ON. SELF TEST GOT CODES P0299 , P0430. PINPOINTN TEST FOUND BANK 2 EXHAUST CONVERTER RESTRICTED REPLACED BANK 2 CONVERTER, CLEARED CODES	REPAIR.
13570	503.41	RESET KAM RO	AD TEST TO VERIFY REPAIR
13923	133.95	ROAD TEST, UICK TEST KOEOCM P0299 P0306,KOEO PASS CODE,KOER PASS CODE,VOIR OASIS,VERIFIER TUBE ECHANGEUR D AIR SELON SSM 21872 OK,DEMONTER ET VERIFIER BOUGIE ET COIL ON PLUG 6 DEMANDER ASSISTANCE HOT	POUR RESTRICTION EXHAUST OK,REMPLACER BOUGIE 6 ET INTERCHANGER COIL ON PLUG AVEC CYLINDRE 5,CLEAR
3398	358.96	VERIFIER FAIT SELF TEST P0053. 0054. 0059. 0060. 01135. 0141. P0155. P0161. 0443. 0446. PRESENT ET 9 AUTRE EN MEMOIR VERIFIER OASIS HISTORI UE ET DEMANDE HOT LINE SHORT PRESENT FUSIBLE F 76 GRILLER,VE	CIRCUIT VERIFIER CHA UE CIRCUIT CBK02 (8)A PARTIR DU
150	310.51	HOTLINE ID 104682051 VERIFY STALL NO START SYM OASIS CK DTC S KOEO P0053 P0059 P025B KOER NA KOEC P0053 P0059 P0060 P00C6 P025B CK FUEL PSI 0 PSI CK CONNECTIONS AT PCM REMOVE CONNECTORS BLOW OUT RECON	AGAIN CLEAN OUT WITH CONTACT CLEANER APPLY

18	VERIFIED CUSTOMERS CONCERN,VEHICLE IS CRANK NO START, CHECKED OASIS NO SSM OR TSB. HOOKED UP IDS TEST EEC KOEOC KOEO P0131,P025B,P064D,P1646,P2195,P 2701, CHECKED FOR HARD FAULTS,NONE,CONTACTED	E, NECC TO PERFORM SYMPTOM CHART 3, PPT KE,PASS. PPT A, MONITIR PIDS 1123 PSI, MAN PRESS TEST 60 PSI, IGN TEST, SPARK PLUGS FOULED, REPLACE, STILL WONT START, NO SPARK AT COILS, CK FOR SIGNAL PASS, HA
7437	ROAD TEST,RETRIEVED CODE P0430.TESTED AS PER PCED TEST HF1, HF2,HF3,HF4,HF5,FUEL PRESSURE 65PSILOW SIDE. HF10 DRIVE CYCLE,REFUEL VEH TO COMPLETE CYCLE,P0430 RETURNED ORDERED CATALYTIC 759.27 CONVERTER FOR BA	NK 2 AS PER HF10. R R LEFT SIDE CATALYTIC CONVERTER.R I TRANS.MOUNT. CLEAR CODE,RETEST OK.
8243	ROAD TEST,RETRIEVED CODE P0306.RAN OASIS,CALLED HOTLINE TEST,RECHECK G105,MONITORED PIDS AS PER HOTLINE,CHECK FUEL,R R 6 PLUGS,BANK 2 400.26 COILS.CLEAR,RETEST.OK.	
3925	FAIT SCAN TEST DTC P0430 PINPOINT ET VERIFIER HEGO 2 CYCLE TEST KOER P0430 REVIENT.CHECK SHOP RANGEE 2 COTEGAUCHE.VERIFIER,COMMAN DER ET REMPLACER CATALYSEUR GAUCHE ET EFFACER DTC.ESSAIE 616.36 ROUTIER FIN FAIT SCAN TEST,PAS DE DTCS.VERIFIER OASIS RIEN.FAIT ESSAIE ROUTIER ET INCAPABLE DE REPRODUIRE LE PROBLEME.CONTACTER HOLTINE 104835226.VERIFIER TEST ET MOTEUR MAN UE	
7919	CYL 6.COMMANDER ET 115.99 REMPLACER COIL	OUVERTS.REFAIT ESSAIE ROUTIER ET OK.

2699	VERIFIED CONCERN, CHECKED OASIS, NO INFO FOUND. MONITOR PIDS, BANK 2 CAT CONVERTOR NOT WORKING PROPERLY INTERMITANTLY. CONTACTED HOTLINE WAS ADVISED TO CHECK FOR FUEL CONTAMINATION, NONE PASSENGER CAT CONVERTOR, 3 SPARK PLUGS COILS, CLEAR CODES, RE ROAD TESTED OK AT THIS TIME
	DIAG AND FOUND CODE P0430 REMOVED PASS CAT CONVER TER AND REPLACED DRIVERS SIDE CAT CONVERTOR REMOVED THE PASS CAT CONVER
2919	I AM SUBMITTTING A PART DEBIT TER AND REPLACED THE DRIVERS 589.86 ON RO 127033 WE SIDE CHECKED FOR CAUSE OF ENGINE MIL ON FOUND 4 CODES PO 300 PO305 PO306 P0430 CHECKED OASIS AND FOUND RECALIBRATION FOR PCM DID UPDATE ROAD TESTED AND OK NOW CLEARED CODES AND OK AT
4562	0 THIS TIME
	BROUGHT VEHICLE IN CHECKED CODES FOUND CODES PO430 THIS AND FOUND TO BE FINE STARTED CHECKED IN ECTOR CHECKED G 105 AND FOND IT TO FLOW NO FAULTY IN ECTOR BE TIGHT CHECKED WIRE TO CHECKED PWR BALANCE NO COILS OK REPLACED CONVERTOR MISSING CYCLINDER CONTACTED PLUGS 3 AND COIL 3 COIL HOTLINE ADVICE TO DO ETHANEL CLEARED CODES ROAD TESTED
4901	1069.01 TEST 85 CHECKED DID OK NOW CHECKED EEC SYSTEM AND FOUND P0300. CHECKED POWER BALANCE AND FOUND OKAY. CHECKED RELATIVE COMPRESSION, OKAY. CHECKED OASIS FOR TSBS AND SSMS. CONTACTED HOTLINE, THEY HAD
3773	85.01 NO HELP. RAN THR CHECKED EEC SYSTEM AND FOUND NO CODES. PERFORMED PINPOINT TEST Z1. CONTACTED HOTLINE AND THEY SAID TO REPLACE BANK 2 COILS, ALL 6 SPARK PLUGS AND CHECK G105. AND WAS UANBLE TO LOCATE
4004	REPLACED ALL 6 SPARK PLUGS, 385.39 BANK 2 COILS GROUND G105. ROAD TESTED VEHICLE, ALL OKAY AT THIS TIME.

4689	SCAN PCM,HAS COE SHOWS HISTORY OF OKBUT MISFIRE MO 4 5 6 ALL CLOSER TO THAN 1 2 3,HL ID 104843685,AC U SAMPLE TEST,FUE 484.67 10 ALCOHOL,LOAE VERIFIED CONCERN CODES,FOLLOWED PPT,HF1,HF2,HF3,HF ONTACTED HOTLINE 104855945,REPLACE	N 4,5,6,PB NITOR SHOWS D MIS FIRE IRE FUEL EL SAMPLE IS D TEST POWE I,HAS F4,HF5,HF10,C E ID	R GROUND CKTS FOR COILS 4 5 6,6 74.2MV,5 54.4MV,4 64.0MV,R I SHIELD ACCESS G105,INSPECT TIGHTEN PER HL,REASSEMBLE,R R 4 5 6 COILS PLUGS PER HL,CLEAR CODES KAM,TEST DRIVE,REPAIR VERIFIED
4801	CATALYTIC CONVERTER,RETES 520.39 CODES,VERIFIED RE ROAD TEST AND NO	EPAIR T ABLE TO	
11812	SELF TEST AND NO RETREIVE. CHECK SSM OR TSB FOR TH SEND MESSAGE TO	CODE OASIS AND NO HIS CONCERN. HOTLINE. 53	K MODE 6 DATA AND NI MISSFIRE RATE AT ALL. PERFORMED MISSFIRE MONITOR WITH IDS AND OK. CHECK LOW FUEL PRESSURE AND PERFORMED HIGH PRESSURE FUEL SYSTEM TEST AND PASS. ROAD TEST TO
11012	ROAD TEST VEHICLI NOT DUPLICATE CO CHECK FOR DTC AN CHECK MODE 6 DA MISSFIRE RATE OR COUNTS.CHECK LO PRESSURE AND OK	ONCERN, ID NONE. TA AND NO W FUEL PERFRMED	EST TO MONITOR PIDS AND ALL IN RANGE. REPLACED 4 COIL ASSY, WAS BACK ORDERED FROM LAST VIST, NOW ALL PLUGS HAVE BEEN REPLACED AND BANK 2 COIL. ALSO CHECK GROUND G105,
16470	144.42 T		LOOSENED
	SEFT TEST PASS TE MISS UNDER LOAD (TEST COIL PART DE ON BACKORDER VIS	ON CYL 4 IGN FECTIVE PART	
28010	101.71 9 27 11 SEFT TEST CODE PO TEST IGN TEST FOU REPLACED CYL 4 CO	ND COIL DEF	
30083	160.58 ALL OK. 12029, 42 PERFOR TEST, RETREIVED P CYLINDER 6 MISFIRI PERFORMED RELAT COMPRESSION TES PERFORMED POWE	MED SELF 0306 E, REAN OASIS, IVE T, PASSED,	IL WITH 5 COIL AND MISFIRE SWITCHED TO 5 CYLINDER, REMOVED AND REPLACED 6 COIL
13581	TEST, CYLINDER 6 M 113.09 UNDER LOAD, SWAF	MISFIRING	AND SPARK PLUG, CLEARED DTC, RETEST AND TEST DROVE

		5E212, 42 PERFORMED SELFTEST,RETREIVED P0430,RAN OASIS,PERFORMED POINTTEST HF IN SHOP MANUAL,FOUND CATALYST BAD,REPLACED CATALYST,RETEST SYSTEM AND
13848	487.62	TEST DROVE UICK TEST CODE P0430, TEST CATALYSEUR OK, PRESSION ESSENCE OK MOTEUR COUPE SUR CYLINDRE 6 REMPLACE COIL
7718	169.45	6 ESSAI OK UICK TEST CODE P0301 ET P0430 TEST COIL NUM 1 EN CIRCUIT REMPLACER BOUGIE ET COIL ESSAIE AVEC IDS SUR ROUTE
12373	195.07	ESSAIE OK
2118	324.44	SCAN FOR CODES RETREIVED CODE P0316 RANDOM MISFIREREPLACE 3 IGNITION COILS AND SPARK PLUGS AND CHE CKED GROUND G105 AS PER HOT LINE INSTRUCTIONS ACTUAL TIME TO TIGHTEN G105 TO 12NM SCAN FOR CODES RETREIVED RANDOM MISFIRE CODE P0316REPLACE 3 IGNITION COILS AND SPARK PLUGS AND CHEC
2117	324.44	KED GROUND G105 AS PER HOT LINE INSTRUCTIONS CHECKED NO CHECK ENG LIGHT ON SLIGHTLY MISSING ON ALL
730	127.54	CYLINDERS FOUND ALL PLUGS FOULED REPLACED ALL PLUGS TEST DROVE MONITORED PIDS CALLED HOTLINE TO CHECK LNG TRIM REPLACED ALL SPARK PLUGS AND 3 IGN COIL TEST
2346	460.14	DROVE CODE P0430 CATALYTIC CONVERTOR BELOW SPECS. TESTED, PERFORMED DIAGNOSTICS, CLEARED CODE,
16611	99.03	AND RETESTED GOOD. CATALYTIC CONVERTOR NOT OPERATING PROPERLY. TESTED DIAGNOSED, REPLACED THE CATALYTIC CONVERTOR, AND
17126	580.49	RETESTED PASSED.

RAN EEC TEST, IGNITION TEST AND TRACE WIRING FOR BAD GROUND, TRACE GROUND AND REPAIR, RETEST POST REPAIR 2522 294.48 AND VEH OK RAN EEC TEST, PID MONITOR, FUEL PRESSURE TEST, REPLACE LEFT SIDE CATALYTIC CONVERTOR, RETEST AND V 2622 569.49 EHOK EFFECIENCY BELOW THERESHOLD BANK 2 REPLACED 519.83 L S CONVERTER 18148 IDS CODES P0300 P0306 MISFIRE 22042 22.42 CODE RESET KAM PCM PERFORM EEC TEST DIAG FOR DTC P130D PERFORM UNABLE TO VERIFY CAUSE OF CONCERN ADVISE CUSTOMER TO TRY DIFFERENT BRAND OF FUEL AND RETEST IF 4040 43 CONCERN CONTINUES PERFORM EEC TEST DIAG AND PPT FOR DTC P0430 CK AND REMOVE AND REPLACE LT SIDE CAT CONVERTER ASSY RETEST 6680 509.51 OK AT THIS TIME PERFORM SELF TEST. PO300 PO430 IN SYSTEM. PINPOINTTEST AND IGNITION SYSTEMTEST. NEEDS LEFT SIDE CONVERTER THEN A RETEST. CUSTOMER UNABLE TO LEAVEVEHICLE. 76.59 CLEARED CODES 6457 **TESTED WITH ENGINEERS** PRESENT AND WAS ADVISED AGAIN BY KEVIN OYAFUSO TO INSTALL PARTS, RELEARN MISFIRE DATA, AND RETEST. COMPLETED PARTS TRANSFER AND RELEARNED DATA, CLEARED DATA AND RETESTED. REPAIRS 7178 1106.61 SYSTEM OF CODES RESET PCM COMPLETE.

2089	ROAD TEST NO MISFIRE FELT TESTED EEC PASS PROGRAMMED PCM TO LATEST LEVEL WAS NO 34.95 HISTORY OF MISFIRE IN MODE 6
2089	RUN ECC TEST GOT CODE P0430 RUN DATALOGGER MONITORPIDS LISTEN FOR ENGINE NOISE FOUND LEFT CONVERTOR ASSEMBLY COME LOOSE INSIDE. REPLACE CONVERTOR CLE AR CODES RETEST OK THE OTHER SSURE FUEL PUMP ON LEFT VALVE COVER NORMAL NOISE
	CK ENGINE LIGHT ON FAULTY 02 SENSOR VERIFY CONCERN PERFORM PPT FOUND SSM TO CK FOR CHAFED WIRE NO CHAFE WIRE FOUND UPON REMOVAL OF WIRE HARNESS RAN SELF TEST
3873	P0030,P064D AND P1646 122.65 PERFORM PDT FOUN C S TRANS BUCKING FAULTY COIL AND PLUG 2 CYLINDER VERIFY CONCERN RUN SELF TEST NO DTCS PERFORM POWER BALANCE TYEST PERFORM MODE 6 DATA SURGE FOUND 2CYLINDER WITH AN COIL STRESS TEST FAILLED
5697	INTERMITTANT MISFIRE REPLACED 2 COIL AND PLUG 112 PERFORM RETEST OK
	EEC TEST PASS, EXAMINE MODE 6 DATA ALL OK, ROAD TEST 17 MILE WHILE MONITORING FOR MISFIRES OR CAT EFFICIENCY CONCERNS.CC ALL OK. COULD
2959	17.66 NOT DUPLICATE AT THIS TIME
5098	12029 42 KOEO P0304 PINPOINT 178.49 REPLACE 4 COIL RE TEST
0.400	VERIFIED ENG RUNS ROUGH CHECK ENGINE LIGHT 4 COILPLUG IN ECTOR TOOK OUT BANK 2 CAT AND DOWNSTREAM O2 CAT WAS DEFECTIVE REPLACE 4 SPARK PLUG, COIL, IN ECTOR. REPLACED LEFT CATALYST AND
6180	1406.84 DOWNSTREAM O2S ENSOR.

7469	FOR DATA OASI CHAI RE GRO 88.8 TIGH CKEI TEST INTE	FIED CONCERN SCAN ENGINE CODES. CHECK MODULE A. NO MISFIRE CODES. CHECK IS. FOLLOWED SSM21295 NO FFED WIRING. SUBMITTED UEST TO HOTLINE. CHECK UND G105 IS CORRECTLY ITENED. ED CODES. FOUND MISFIRE 6 FED FOUND TO BE RMITTENT. CKED PWR BAL W/PECS. CKED TSB SSM ND 21703SSM. RESET MISFIRE	THANOL AT ACCEPTABLE LEVEL. ROADTEST AND MONITORPIDS. NO MISFIRE NOTED AT THIS TIME.
3	52.66 MON RAN FOUI SPRI REIN		
3	PERF FOR SYST RELA IGN S	SE BAD GAS. FORM EEC DIAG AND TESTS P0302, PERFORM FUEL TEM DIAG AND TESTS, ATIVE COMPRESSION TESTS, SYSTEM TESTS, ROAD TED AND MONITOR PIDS. FORM MISFIRE PROFILE	
538	TEST CMD PCM PRES PASS FLOV MISF	RN, ROAD TESTED AND RAN TED EEC SYSTEM FOR TC S P0302 00 24 ,PERFORMED HIGH SSURE FUEL TEST S,PERFORMED IN ECTOR W TEST PASS,PERFORMED HD,AND PPT B	HOTLINE, REDROVE AGGRESIVLEY AS PER HOTLINE VERIFIED CLY 2 MISFIRE, SWAPPED CYL2 C.O.P. AND SPARK PLUG WITH CYL1 AS PER HOTLINE, REDROVE MISFIRE MOVEDWITH COMPONENTS, ORDERED NEW
740	252.94 INCC EEC P031 BALA	TEST. PPT P0299, P0300, 6, P0304 AND P0305. POWER ANCE. IGNITION TEST. FUEL FEM TEST. R I 4 AND 5COP	C.O.P. AND SPARK PLUG
275 281	254.05 AND EEC DATA	INSPECT OK. R/T MONITOR. TEST. PPT P0430. ALOGGER MONITOR. BANK CAT FAILS. INSTALLED BANK	

6010		CHECK ENGINE LIGHT NOT ON AT THIS TIME. RETRIEVED CONTINOUIS DTC CODE P0430 CAT BELOW ACCEPTABLE EFFICIENCY PINPOINT HF1 420 PRESENT YES, HF2 OTHER DTC NO, HF3 CHECK FUEL PRESSURE OK, HF10 DEVICE CYCL RAN EEC TEST P0430 RAN PIDS AND TEST DROVE FOUND LRFT CAT CONVERTER WAS NOT CLEANING UP EXHAUST CAT SENSOR WAS SWITCHING AND FAILED OBD2 TEST CALLED HOT	E OK CLEARED CODES ROAD TEST OK. NO PROBLEM FOUND AT THIS TIME GN COIL GROUND WAS TIGHT AND COULD NOT VERFI ANY KIND OF MISS REPLACED DRIVERS CAT CONVERTER ASSY AND CLEARED
6226		LINE AND TRUCK WAS NOT USUING E85 FUEL AND I	CODES AND RETEST DROVE AND PASSED OBD2 TEST ET METTRE SUR BANK 2 VERIFIER
8883		IDS TEST KOEC P0300 P0304 P0305 P0306 P0430 TOUS PENDING FAIT RECHERCHE OASIS PAS DE SSM NI TSB FAIT PPT POUR MISSFIRE ET CATALISEUR EN PROBLEME SWAP COP REMPLACER BOUGIE 4 SPOTER PRENDRE COIL BANK 1	ASSISTANCE HOTLINE REMIS IDS SORTIR MODE 6 ET RECONTACTER HOTLINE RECOMMANDE DE REMPLACER CATALISEUR P/C REMPLACER
		TEST IDS CODE P0430 CODE BAN2 V OASIS PAS DE MSG MEME CATALISEUR A DE A ETE REMPLACER PPT ARRIVE AU MEME RESULTA REMPLACER CATALISEUR P/C APPELER HOTLIEN NET ET RESSERER GROUND G105 AS PER TECHLINE	MANDE HOTLINE DE FAIRE TEST FUEL DROP PAS OUTILLAGE NECESSAIRE REMPLACER CATALISEUR FAIT MONTER PRESSION ESSENCE AVEC LES IN ECTEUR HARNESS DEBRANCHER VERIFIER DANS LES CYLINDRE TRACE ESSENCE CYL 4
13473	1523.27	PREFROMED ELECTRONIC ENGINE CONTROL TEST RETREIVED CODE P0430M, MONITORED PIDS ON ROADTEST FOUND 22 CAT MONITOR SWITCHING FRE UENTLY. PINPOINTED TO CAT. REPLACED	5
2081	562.77	2 CAT (LEFT SIDE) REASSEMBLED AND R	ETESTED ALL PASS.

		CHECK ENGINE LIGHT FLASHED/TRANS IS NOT AN ISSUE/MEMORY CODES FOR 4 CYLINDER IN MEMORY/CONSULTED FORD HOTLINE REGIONAL FSE REPLACED COIL SPARK PLUG AT 4/CLEARED MEMORY KEEP	NOT REPRODUCE MISS AT TIME OF TESTING/REPLACED COMPONENTS IN AN ATTEMPT TO
1386		ALIVE MEMORY/COULD TECH LIFTED VEHICLE AND INSPECTED UNDERNEATH FOR DAMAGE TO CAT OR SENSORS,	REPAIR INTERMITTANT CONCERN
1487	29.79	ALL OK. P0430, 2.1 EEC TEST PO430. CHECK OASIS, PERFORM CAT PERFORMANCE TEST AND CAT DIAG. FAIL. REMOVE AND REPLACE LH CAT. CLEAR CODES	
2108		AND RETEST OK CHECK ENGINE LIGHT OFF, PULL PCM CODES, KOEO PASS, KOEC P0300 00 E8, REMOVE HO2S 21 OXYGEN SENSOR AND INSTALL BACK PRESSURE KIT, NO BACK PRESSURE, TIGHTEN GROUND G105, TOOK 3 4 TURN, CLEAR	, ROAD TEST, WENT WIDE OPEN THROTTLE, RIGHT AWAY WENT INTO SKIPPING, ROAD TESTED LESS 1 4 MILE. CHECK ENGINE LIGHT FLASHING, PULL CODES KOEO PASS, KOEC P0300, P0304,
6622	439.42	TEST DROVE, COULD NOT DUPLICATE. RAN IDS SYSTEMS TESTS, HAS NO CODES, CHECKED MODE 6 AND 9 DATA, HAS NO MISFIRES. SENT MESSAGE TO TECHLINE. RECHECKED GROUND G105. FOUND NO PROBLEMS.	P0305, P0306, MODE RUN E85. WET DOWN ENGINE COMPARTENT, TEST DROVE, COULD NOT DUPLICATE. ALSO CHECKED HARNESS AS PER SSM
7811	90.89	CUSTOMER DOES NOT TEST IDS CODES P0430 BANK 2 DRIVERS SIDE REMOVED CAT AND REPLACED RETEST PASS	21925.
6343	495.55	REPROGRAM RETEST PASS	
6227		VERIFIED CONCNER CODE P0403 MONITOR PIDS PINPOINT TEST FOUND 02 SENSOR NOT SWITCHING PROPERLY REPLACED LEFT SIDE 02 SENSOR	
0221	127.06	KEFLACED LEFT SIDE 02 SENSOR	

1673	HOOKED UP VEHICLE HAS CODE P0059 IN MEMORY HO OKEDUP TO ROAD TEST AND MONITOR PIDS ROAD TE ST CYLIN DER 5 MISSES UNDER ACCEL BROUGHT BACK TO SHOP SWAPPED COIL TO CYL 4 AND REROAD TES T ENGINE MISS 194.96 MOV HORE MISSFIRES
	FOUND CODE IN MEMORY WHILE LOOKING AT ENGINE MISS FOUND CODE P0059 FOLLOWED PPT PER WSM FO UND BANK 2 SENSOR 1 NOT READING SENSOR IS BAD REPLACED SENSOR RETEST NOW
1673	80.78 WORKS AND READS F INE CHECK ENGINE LIGHT IDS SCAN CODEPO420 BANK 1 ENSOR EXCESSIVE SWITCH RATE REPLACED BANK 1 CAT
3286	790.53 CONVERTER RETEST ALL PASS
1732	CHECK ENGINE LIGHT IDS SCAN CODEP0640 PINPOINT TEST SHOWS 02 SENSOR PASSENGER SIDE NO RE SPONSE REPLACED 142.77 SENSOR ROAD TEST OK
	REPLACE 2 (RIGHT) COIL AND
10032	PLUG ROAD TEST RE TEST PASS 260.96 (42) REPLACE RIGHT FRONT 02 SENSOR AND BLOWN FUSE
7699	204.69 RETEST PASS (42) IDS TEST P0301 REMPLACER COIL ET BOUGIE SUR LE
4081	150.16 CYLINDRE 1 RETEST OK. IDS TEST CODE P0301 EFFACER
3647	35.17 RETEST
3788	VERIFIED CONCERN ROADTEST ENGINE MISS CONT CODES P0300 P130D. CHECK OASIS NO SSMS OR TSBS, MODE 6 SHOWS MISS CYL 4 5 6 CAN NOT DUPLICATE IN .4 5 PLUGS TRANSFER 4 5 COILS SHOP POWER BALANCE ON ROAD WITH CYL. 1 2 ROAD TEST ENG. 188.56 TEST ENG. MISS 4 5 CYL. REPL MISS STILL EVIDENT SUBMIT

4109 5034	VERIFY CONCERN IDS DIAG PIN TESTS HF1 Y HF2 N HF3 N HF4 Y FUEL PRESSURE PASSES 60PSI, HF5 N HF10 Y REPLACE LEFT CAT. CONFERMED NO MISSFIRES PART OF PIN TESTS. REPLACED LEFT 692.55 CAT PASSES 60PSI, HF5 N HF1 8103 EEC TESTED NO CODES CHECKED MODE 6 NO MISFIRES CHECKED PLUGS FOR WATER INTRUSION NONE , NO PCM UPDATE AVAILIBLE SENT IN A 53.35 HOTLINE RE UEST 9011
9595	15487 LACK OF POWER ON ACCEL VERIFIED CONCERN SELFTEST NO CODES CHECKED MODE 6 SHOWS MISFIRE ON ALL CYLS ON BANK 2 CONTACTED HOTLINE INSPECTED GROUND 105 AS PER HOTLINE REPLACED COILS AND 335.28 SPARK PLU GS ON BANK 2 AS PER HOTLINE UPLOADED VEHICLE SESSION WITH MODE 6 AND 9 DATA TO HOTLINE COULD NOT DUPLICATE CONCERN AGAIN WOULD LIKE TO MT TIME IS TO CONTACT HOTLINE FOLLOW INSTRUCTIONS
2562 2907	GOT CODES P0300, P0304, P0305. P0306 AND P0430. COMPLETED MISFIRE MONITOR TEST OK RAN OASIS NO TSBS OR SSMS, CONTACTED HOLTINE FOLLOWED PPT HC6. CHECKED GROUND 105 LOOSENED AND THEN 378.89 TIGHTENED T P0430 CAT EFFICIENCY CODE. MONITOR .2V, STILL LEAN WHEN 475.54 WARM. REPLACE BANK 2 CAT
8070	IDS TESTED, CODE P0306, FREEZE FRAME DATA SHOWS TRUCK IS WARM AT 100 DEGREES C AND WAS DOING 92KPH UNDER 99 LOAD, MISFIRE MONITOR TEST AND POWER BALANCE ARE UNABLE TO RECREATE MISS, 327.4 RELATIVE COMPRESS ION IS EVEN ON ALL CYLINDERSM, FUEL PRESSURE IS STABLE AND AT 68 PSI, ENGINE SOUNDS LOUD AT IDLE IN LEFT REAR, COMPARE TO TRUCK ON LOT, IS IDENTICAL HIGH PRESSURE FUEL SOUND, TACH ON TRUCK ON LOT ALSO

8931	EEC UICK TEST PASS, MONITOR PIDS, ALL VALUES ARE IN RANGE, ROAD TESTED AND MONITORED MILEAGE, TRUCK AVERAGING 18.5MPG, EXTENSIVE IDS TESTING AND MONITORING IGNITION SYSTEM AND FUEL PRESSURES 582.86 ARE OPER ATING PROPERLY AND IN RANGE, CYLINDER BALANCE IS EVEN COMPRESSION TEST PROVES CYLINDERS ARE EVEN PRESSURES, CONTACT HOT LINE, ACCESS GROUND G105 AT REAR OF LEFT CYLINDER HEAD, REMOVED CLEANED AND TOR ITION COIL TEST PASSED
23	38 EEC TESTED CODES P0302 AND PERFORMED RELATIVE P0316 PERFORMED POWER COMPRESSION TESTPASSED BALANCE TEST MISSING ON PERFOMED MANUAL CYLINDER 2 SWAPPED PLUG AND COMPRESSION TEST ON ALL 6 COIL MISS STAYED ON CYLINDER CYLINDERS 185PSI ON ALL 2 PERFORMED LOW FUEL CONTACTED AND CALLED PRESSURE TEST PASSED HOTLINE TALKED WITH ACK 530.56 PERFORMED DRIVE IN IGN HOTLINE ID
9	900 MISFIRE VERIFIED MISFIRE AT SET FOR 10 MINS, CHECKED AND IDLE, RUN SELF TEST AND FOUND PLUG FOULED AND RETRIEVED DTCS PO301 AND PORCELAIN CRACKED, REPLACED P0316 FOR MISFIRE ON 1, ALSO COIL AND PLUG, ERASED DTCS, CHECKED MODE 6 AND MISFIRE ALSO UPDATE PCM TO LATEST ON 1, RUN POWER BALANCE BUT CALIBRATION, ROAD TEST TO 108.2 NO MISFIRE BUT ONLY AFTER LET VERIFY REPAIR,
	VERIFIED CONCERN P0430 BANK 2 CATALYTIC EFFICIENCY BELOW THRESHHOLD. PERFORMED ER AND BOTH CONVERTORS CONVERTOR TEST. EXCESSIVE REPLACED BANK 2 CONVERTOR BACKPRESSURE BANK 2 AND MONITOR AND RELATED CONVEROTOR 18 PSI ON ACCEL HARDWARE REASSEMBLED, SHOULD BE NO HIGHER R R RETESTED AND VERIFIED
1015	842.24 TRANSMISSION CROSS MEMB REPAIRS P0420. LEFT HAND CONVERTOR EFFICIENCY BELOW SPECIFIED LIMIT CONVERTOR BROKEN DOWN AND CONTAMINATED CATALYST MONITOR REPLACED CONVEROTR AND CATALYST
1131	553.08 MONITOR VERIFIED REPAIRS
1470	SELF TEST P0430 PIN MONITOR FOUND RT SIDE CAT WORKING IMPROPERLY REMOVED EXHAUST REPLACED CAT CONVERTER 745.17 RETEST PASS

2138	507.16	SELF TEST P0430 MONITOR PINPOINT TEST FOUND LH SIDE CONVERTER FAULTY DOWNSTREAM 02 SENSOR FOLLOWING UPSTREAM REPLACED CONVERTER RETEST PASS	
		TEST CODE P0306 CYLINDRE NO6, P0430 CATALISER FAIRE TEST PIN POINT TEST ET BOUGIE SUR CYLINDRE NO6 EST ESTDEFECTUEUSE. REMPLACER	
9912 9992		BOUGIE NO6 OK (41) VERIFIER ET FAIRE TEST.CODE P0430.VEHICULE DE A ROULE AVEC MISFIRE CYLINDRE 6.REMPLACER CATALYSEUR GAUCHE ET OK(42)	
9992	390.04	PERFORMED PCM SELF TEST RETRIVED CODE P2098 PID DATA MNITER PINPOINT TEST ON O2 BANK 2 FAILED REMOVED AND REPLACED BANK 2 O2 SENSOR	
2630	119.17	AND RETESTED SYSTEM PERFORMED PCM SELF TEST RETRIVED CODE P2098 AND PID DATA MONITER CHECKED CONTINUITY OF O2 SENSOR CIRCUITS CALLED HOTLINE WAS TOLD TO REPLACE LH O2 SENSOR REMOVED AND	
3851 2529		REPLACED 02 SENSOR AND RE TECH PERFORMED DIAG TESTING PROCEDURE LOCATING NO CODES STORED IN THE PCM.COULD NOT DUPLICATE THE CONCERN AT THIS TIME. NO PROBLEM FOUND	TEST AND RESET KAM
		RDTEST.MIL ON.RUNS OK.TEST EEC.P0430 IN MEMORY PERFORMEDPPT HF TEST FUEL PR ESSURE 270 PSI.CLEARED CODE PERFORMED DRIVE CYCLE TEST.RETEST EEC.P0430 C AME BACK MONITORED CATALYST	IS SWITCHING 3 5 TIMES FASTER THAN BANK 1.NEEDS BANK 2(LEFT) COVERTER PER PP TEST HF. CONTACTED HOTLINE FOR ANY FURTHER DIAG NEEDED.ROAD TEST WITH EXHAUST BACKPRESSURE GAUGE
2747	1167.07	MONITOR PIDS.BANK 2	ASSUGGESTED BY HOTLINE

11095	236.35	TWO DEFECTIVE COIL AND PLUGS CHECK AND ROAD TEST. VERIFY CONCERN. IDS TEST CODES P0299 P0305 P0306. POWER BALANCE TEST. 5 AND 6 CYLINDERS MISSING COILS AND PLUGS FAILED. REMOVED ENGINE COVER, REMOVE	D AND REPLACE 5 AND 6 COIL AND PLUGS. REINSTALLED ENGINE COVER, RESET THE ENGINE PROGRAM RAM. CLEARED CODES, ROAD TEST OK. RECHECK WITH IDS NO CODES. OK.
		IDS TEST CODE PO430 CHECK FOUND LEFT SIDE CAT CONVERTOR BAD DISCONNECT AND REMOVE 2 O2 SENSORS AND REMOVE LEFT SIDE CONVERTOR REPLACE IT REINSTALL O2 SENSORS CLEAR CODE REROAD	
14788	397.71	TEST RERAN IDS TEST SYS SCAN TEST HAD CODE P0304 CYLINDER 4 MISFIRE REPLACE	TEM NO CODES OK
8381	155.98	COIL 4 TEST DRIVE OK NOW CHECK ENGINE LIGHT ON, TEST DRIVE FIND ENGINE MISS SCAN TEST P0304 MISSFIRE ON 4 CYLINDERREPLACE SPARK	
8957	27.94	PLUGTEST DRIVE OK NOW PASSER LE IDS CODE P0430 EN MEMOIRE MAIS NON PRESENT,CONSULTER OASIS ET VERIFIER B.T POUR NOUVELLE	
577	58.38	PROGRAMMATION DISPONIBLE.	
5872	770.56	TEST EECV PINPOINT TEST COMMUNI UER AVEC LIGNE ROUGE REFAIRE TEST ET RIEN DE CONCLUANT AVEC TEST POUR TURBO COMMANDERCATALISEUR REMPLACER CATHALISEUR GAUCHE EFFACE CODE ROAD TEST RATE SUR CYLINDRE 4 5	
0012	1 1 0.00	. LO. TO THE GOT OT LINDING TO	

CUSTOMER COMMENTS

CUSTOMER STATES DRIVER LINE CHATTERS ON ACEL DECEL C S ENG ERKS IN OVER DRIVE 70 75 O.K. IN 5TH SEE CUSTOMER FOR DETAILS SEE OASIS FOR SAME REPAIR COLLANT ON 2 PLUG

C/S VEHICLE IS RUNNING ROUGH AND CK ENGINE LIGHT IS ON

C/S STATES VEHICLE IS RUNNING ROUGH AN CHECK ENGINE LIGHT IS ON

CHECK FOR ENGINE MISS CRUISE ON UNDER LOAD

CUST STATES VEHICLE HAS SKIP ON ACCELERATION AT HIGHWAY SPEEDS. CUSTOMER STATES CHECK

ENGINE LIGHT CAME ON THE
OTHER WHEN GOING TO PASS ON
HIGHWAY HESITATION FELT
THENCHECK ENGINE LIGHT
STARTED FLASHING NOW ON
SOLID

CUSTOMER STATES CHECK ENGINE LIGHT CAME BACK ON LAST NIGHT

CUSTOMER STATES THAT CHECK ENGINE LIGHT CAME ON AND WENT OFF

CHECK ENGINE LIGHT ON

C/S ENGINE RUNS ROUGH AND HAS NO POWER

CUSTOMER STATES CHECK ENGINE LIGHT IS ON.....

CUST STATES CK ENGINE LIGHT IS ON CK REPORT

CUST STATES CK ENGINE LIGHT IS ON CK REPORT

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

CUST STATES CHECK ENGINE LIGHT IS ON

CUSTOMER STATES CHECK ENGINE LIGHT IS ON

CUSTOMER STATED CHECK ENGINE LIGHT IS ON E29

C S WRENCH LIGHT IS ON AND LOOSES POWER

WOULD NOT SHIFT OUT OF HIGH GEARS

CUSTOMER STATES CK ENG LIGHT FLASHING AND LACKS POWER CK ENGINE LIGHT ON SEEMS TO RUN OK CHECK ENGINE LIGHT ON. CK/ADV DROVE RUNS AND SHIFTS PROPERLY. IDS SET UP AND TEST PO301 RAN OASIS

CHECK ENGINE LIGHT ON. CK/ADV TEST DROVE HAS ENGINE MISS UNDER LOAD IDS SET UP AND TEST PO301 STRESS TEST COIL POOR PATTERN. INSPECT

CK RUNNING VERY ROUGH AT IDLE, DRIVING MISS SKIP, IF ACCELL HARD, BOGGS FALL ON FACE, CK ENG LIGHT CAME ON, BUT OFF NOW ADVISE

CK ENG LIGHT COMING ON STATES SEEMED TO RUN OK COMING OVER HERE (STATES FRIEND SCANNED, STATES CATALYSITS EFFENCICY BELOW THRESHOLD) SEE HISTORY A CUSTOMER STATES WHILE DRIVING ON INTERSTATE, HE FULL THROTTLED VEHICLE AND IT TOOK OFF LIKE IT SHOULD. AFTER EASING OFF THE THROTTLE, THE

A CUST WAS DRIVING ON I 40 AND HAD MASSIVE SHAKING, LOSS OF POWER, CK ENG LIGHT WAS BLINKING. SYMPTOM LASTED FOR APPROX 1 MIN. HAD TO PULL CHECK ENGINE LIGHT ON, RUNS ROUGH, PERFORM DIAGNOSIS.

CHECK ENGINE LIGHT IS ON FAXED RE UESTED DOCUMENTS ON 10/28/2011.

REPAIR FOR MISFIRE AND CEL ON REFER TO RO 288334

E29 REPAIR FOR C.E.L WAS
FLASHING HORRIBLE SHUDDER
FELT THROUGHOUT TRUCK NO
POWER TO SPEC.TOP
SYS BLED.CHK FOR LEAKS
NONE.ERASED CODRESET
KAM RDTEST GOOD

TEST COMPUTER SYS AND RETRIVE CODES FOR DIAG LIGHT ON AND FILLS LIKE SLIGHT MISS

CHECK ENGINE LIGHT ON

CUST STATES FILLED TANK MADE IT 3 MILES UP LEW HILL STARTED RUNNING BAD AND VIBRATING CK LIGHT CAME ON CUSTOMER STATES CHECK ENGINE LIGHT WAS ON AND VEHICLE WAS SPITTING AND SPUTTERING GOING UP HILL SEEMS TO BE RUNNING BETTER SINCE FILLED FUEL UP

CHECK ENGINE ALLUME

CHECK ENGINE ALLUME PAS DE PROBLEME A NOTER

CLIENT STATES WHILE DRIVING WITH THE CRUISE ON THE ENGINE SURGES AND WILL START TO RUN ROUGH AND THE ENGINE LIGHT WILL FLASH CHECK AND ADVISE

CLIENT STATES THE ENGINE LIGHT COMES ON AND WILL BLINK AND TRUCK STARTS TO SHAKE AND HAS A LOSS OF POWER CHECK AND ADVI MOSTLY IN 6TH GEAR 20 MILES ON HIGHWAY MPG DOWN TO 14.5 15.2

CHECK ENGIONE LIGHT ON SKIPS NO POWER ALSO WILL NOT MOVE IN DRIVE AT TIMES

ENGINE SKIPPED THEN THE ENGINE LIGHT FLASHED...THIRD TIME BACK. CONVERTER WAS PREVIOUSLY REPLACED.

CUSTOMER STATES THAT SERVICE ENGINE LIGHT IS ON RUNS OK

CUSTOMER STATES THAT SERVICE ENGINE LIGHT IS ON CAME ON BEFORE HE GOT HOME, CONVERTOR REPLACED

CEL LIGHT STAYS ON

CEL LIGHT ON (SOP IN)

REPORT CHECK ENGINE LIGHT ON AND SPUTTERING

REPORT ENGINE MISS FIRE

VER LUMIERE CHECK ENGINE ET MAN UE

VER ET COR CHECK ENGINE ALLUME ET MOTEUR A MAN UER SELON CLIENT

CUSTOMER STATES THE CHECK ENGINE LIGHT IS ILLUMINATED. VHEICLE HAD LOST ALL POWER AT 50 MPH. NOW IS OPERATING FINE.

CUSTOMER STATES THE CHECK ENGINE LIGHT IS ILLUMINATED BEFORE THE LIGHT APPEARED VEHICLE WAS GETTING VERY GOOD GAS MILEAGE ON HIGHWAY 20.05MPG THEN IT DROPPED AFTER CHECK ENGINE LIGHT

CUSTOMER STATES ON TH EEXPRESS AT ABOUT 70 MPH CHECK ENINGE LIGHT FLASHED FOR 15 SECONDS, CAR HAD HAD A BRIEF LOSS OF POWER AND HAD BLACK SMOKE COMING OUT THE BACK. CUSTOMER STATES THAT WHILE DRIVING, RAN ROUGH, USED ABOUT 1/4 TANK OF FUEL IN 40 50 MILES. NO LIGHTS CAME ON.

CUSTOMER STATES THAT WHEN DRIVING DOWN HIGHWAY THE CHECK ENG INE LIGHT CAME ON AND VEHICLE STARTED SHAKING, PULLED OVERAND LET VEHICLE SIT FOR A FEW MINUTES THEN STARTED AND LIGHTOUT

CUSTOMER STATES THAT THERE SEEMS TO BE A MISFIRE AND THAT THE GAS MILEAGE IS NOT VERY GOOD ADVISE

WHEN ACCELERATING TO PASS A VEHICLE, VEHICLE HESITATED AND CHECK ENGINE LIGHT CAME ON

GENERAL LINE CUSTOMER STATES CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CHECK WHEN PASSING A CAR ENGINE SHUT DOWN THE N THE CHECK ENGINE LIGHT WAS FLASHING AND RUN NING ROUGH SHUT ENGINE OFF AND RESTARTED THEN RAN BETTER BUT FUEL MILEAGE IS ABOUT 13

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 UIT FLASHING.

CUSTOMER STATES THAT THE CHECK ENGINE LIGHT IS ON NO DRIVEABILITY CONCERN NOTICED

CUSTOMER STATES,IN 6TH GEAR STARTS TO MISS FIRE AT ACCELAERA TION,

CUST STATES ENGINE SKIPS WHEN IN HIGH GEAR LIGHT LOAD.SEE HISTORY.

AMBER CK ENGINE LITE WAS ON FLASHING SOUNDED LIKE RUNNING OVER RIPPLE STRIPS IN ROAD AT HWY SPEED ACCL HARD DOWN SHIFTS RPM S HITS 5K AND STICKS THERE ADV

CUST STATES SERVICE LIGHT CAME ON

CUSTOMER STATES VEH DIED AND WILL NOT RUN

CUSTOMER STATES CK ENGINE LIGHT COMES ON

VERIFIER LUMIERE MOTEUR (CHECK ENGINE) EST ALLUM .

VERIFIER LUMIERE DE CHECK ENGINE UI EST ALLUM

WHILE DRIVING AT HWY SPEEDS VEH LOST POWER, CK ENG LIGHT FLASHING

AFTER DRIVING SEVERAL HOURS, PASSING SPEED VEHICLE WILL SHAKE AND CK ENGINE LIGHT WILL FLASH C S THAT WHEN HE WENT TO PASS SOMEONE ON HIGHWAY TRUCKED BOGGED DOWN AND DID NOT SEEM TO WANT TO GO

CUSTOMER STATES CHECK ENGINE LIGHT ON AND RUNS ROUGH CUSTOMER STATES CEL WAS BLINKING AND VEHICLE HAS NO POWER DEAD MISS AND VEHICLE CUT OFF

CUST STATES INTERMITTANTLY WHEN DRIVING ENGINE FEELS LIKE IT MISSFIRES, INSTALL SPECIAL ORDER COILS AND PLUGS

LUMIERE ENGINE ALLUMEE (E29)

COSOMMATION ESSENCE 15.5 A 16 ROULOTTES 22 AU 100 CHANGER BOUGIES 2

CHECK ENGINE LITE ON

MISSES OCCASIONALLY

CUSTOMER STATES WHILE DRIVING VEHICLE STARTED CHUGGING

CUSTOMER STATE MPG HAS GONE DOWN SINCE IN ECTOR REPLACED MINOR CH

CUSTOMER STATES CHECK ENG LIGHT IS ON AND ENG CUTS OUT

E29 CUSTOMER STATES THAT CHECK ENGINE LIGHT IS ON

CUSTOMER STATES CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT IS ON AND **RUNS ROUGH** CHECK ENGINE LIGHT IS ON, RUNS ROUGH WHEN COLD/NO POWER REPAIR FOR THE CEL IS ON REPAIR FOR THE CEL IS ON VERIFIER LUMIERE CHECK ENGINNE ALLUME ET FLASH ET RESTER ALLUME LORS UE FORTE ACCELERATION FAIT A 2 REPRISE ET RESTE ALLUMER MOTEUR A MISSE UNE FOIS INTERMITEMP ET S,EST REPLACE

CK ENGINE LIGHT IS ON.

CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CUSTOMER STATES WHEN CRUISE CONTROL IS ON VEHICLE LOOSES POWER

CUSTOMER STATES AT 50 MPH WHEN VEHICLE GET WARMED UP VEHICLE WILL SKIP WHILE DRIVING

ENGINE MECHANICAL REPAIR CHECK ENGINE LIGHT IS ON PER CUSTOMER RE UESTS ENGINE MECHANICAL REPAIR CHECK ENGINE LIGHT IS ON. HESSITATION OR BUMP ON ACCCELERATION.
PER CUSTOMER RE UESTS

CK ENGINE LAMP IS ON

CK ENGINE LAMP IS ON

CHECK ENGINE LIGHT TROUBLES CUSTOMER STATES THAT WHEN PASSING CK ENGINE LIGHT FLASHED, AND THE NEXT DAY IT STAYS ON CONSTANT. CHECK AND ADVISE CHECK ENGINE LIGHT RUN DIAGNOSTICS AND ADVISE CUST STATES CHECK ENGINE LIGHT CAME ON AND FLASHEDTHREE TIMES AND RPM S REVED UP TO 6K,

CHECK AND REPORT ON ENG LIGHT ON RE LINE 1 CONCERN

CHECK AND REPORT ON CONCERN WITH CHECK ENGINE LIGHT HAS BEEN COMING

LUMIERE CHECK ENGINE ALLUME ET MOTEUR COUPE

VERIFIER LUMIERE CHECK ENGINE ALLUMEE E29

TEMOIN CHECK ENGINE ALLUMER.

TEMOIN CHECK ENGINE ALLUME A REPETITION ET MAN UE DE PUISSANCE.

C S CHECK ENGINE LIGHT IS ON AND ENGINE IS SKIPPING

CHECK ENGINE LIGHT IS ON, ADVISE. SEE HISTORY

(E29) ANOMALIE DU TEMOIN CHECK ENGINE ET MOTEUR BARBOTTE VOIR HISTORI UE

(E29) TEMOIN CHECK ENGINE
ALLUME, RALENTI IRREGULIER ET
MOTEUR MAN UE EN
ROULANT SHORT
INT.REMPKACRE HEGO REFAIT
SELFTEST CLEAR CODE REV
FUSIBLE OK

TOWED IN NO START CRANKS OVER

VEH ON DRIVE.....CHECK ENG LIGHT IS ON....VEH WILL NOT STAY RUNNING....SPUTTERS AND STALLS......

CUSTOMER STATES THE CHECK ENGINE LIGHT CAME ON YESTERDAY. LAST WEEKEND WHEN PASSING WHEN PASSING THE VEHICLE WOULD NOT SHIFT AT ABOUT 70MPH. CUSTOMER ISNT SURE IF PROBLEMS ARE RELATED **CUSTOMER STATES THIS** WEEKEND WHILE DRIVING UPHILL UNDER HEAVY ACCEL THE VEHICLE LACKED POWER. THE RPMS SHOT TO 6500 AND THE CHECK ENGINE LIGHT STARTED FLASHING. HAPPENED MULTIPLE TIMES. PL

LUMIERE ALLUME ET EN ROULANT TOUTE LES LUMIERES ONT ALLUMER ET PAS

VERIFIER MOTEUR STALL ET CHEK ENGINE ALLUME (29)

CHECK ENGINE LIGHT ON

C S CHECK ENGINE LIGHT

CHECK ENGINE LIGHT

CLEARED CODES AND DID UPDATE 2 DAYS AGO. CHECK ENGINE LIGHT BACK ON SPITTERING AND SPUTTER NO POWER

CUSTOMER STATES THAT WHILE PASSING A VEHICLE LAST NIGHT ON THE HIGHWAY THE VEHICLE LOST POWER AND THE CHECK ENGINE LIGHT BEGAN TO FLASH. THIS HAPPENED TWICE.
CUSTOMER STATES THE VEHICLE IS GETTING VERY POOR FUEL MILEAGE, THE VEHICLE WILL SURGE WHEN COLD AND ALSO WILL BLOW BLACK SMOKE. INTERMITTENLY THE CHECK ENGINE LIGHT WILL FLASH ON HARD ACCE

CUSTOMER STATES HE WAS PULLING A LOAD AND CHECK ENGINE LIGHT WAS FLASHING SEEMED TO MISSFIRE. CSUTOMER PULLED OVER SHUT OFF AND RESTARTED EVERYTHING SEEMED TO BE OK.

CHECK ENGINE LIGHT IS ON SEEMS TO RUN OK

CHECK TRANSMISSION OPERATION CUST REPORT ERATIC SHIFT, SURGE WHEN COLD REPORT.

VERIFY ENGINE MISS REFER TO RO 185072

CUST STATE ENG CUT OUT LOOSE POWER WORST WHEN TOWING TRAILER

CUST STATE ENG IS MISSING OUT

WAS DRIVING HOME FROM VIRGINIA CHECK ENGINE LIGHT CAME ON VEHICLE RAN ROUGH FOR ABOUT 10 MMINUTES CLEARED UP THEN LI GHT WENT OFF PLS CHECK AND ADVISE LUMIERE CHECK ENGINE ALLUME ET MOTEUR BO UE VERIFIER MOTEUR COUPE INTERMITTANT CHECK ENGINE LIGHT TROUBLE CHECK ENGINE LIGHT TROUBLE C/S VEHICLE IS RUNNING TOO PORRLY C/S VEHICLE SEEMS TO BE MISSING WHEN ACCEL CUSTOMER STATES CHECK ENGINE LIGHT ON C S CHK ENGINE LIGHT HAS BEEN COMING ON

CUSTOMER STATES CHECK

ENGINE LIGHT ON

DIAG CHECK ENGINE LIGHT IS ON AND VEH RUNNING OK, SEE SHEET ATTACHED FOR CODES PULLED AT ANOTHER DEALER

DIAG CHECK ENGINE LIGHT IS ON AND MILES TO EMPTY IS NOT READING PROPERLY CUSTOMER STATES CHECK ENGINE LIGHT ON HAS A MISS WHEN UNDER HARD ACCELERATION PASSING, ACTS LIKE IT WONT GO ANY FASTER, ONLY WAY TO MAKE IT UIT MISSING IS TO CYCLE KEY C S WHEN ATTEMPTING TO PASS A VEHICLE AND APPLYING GAS VEHICLE LOSES POWER, CEL FLASHED TODAY WHEN THIS HAPPENED

DIAGNOSE ENGINE WAS BUCKING AND MISSING THIS WEEKEND WHEN PULLING TRAILER, CHECK ENGINE LIGHT AND WRENCH LIGHT ALSO CAME ON. LIGHTS NOW OFF

CHECK ENGINE LIGHT IS ON CAME ON YESTERDAY ADVISE

CUST STATES THAT THE ENGINE LIGHT IS ON. PLEASE CHECK AND ADVISE.

SES LIGHT ON CUSTOMER STATES SES LIGHT IS ON, PREVIOUSLY HAD AT ANOTHER DEALER WHICH FOUND CODES P0300 AND P0430.PLEASE CHECK AND ADVISE. 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

CONCERN CHECK FOR SOME KIND OF ENGINE NOISE .

C S CK ENGINE LIGHT ON

C S ON ACELL SEEMS LIKE TRANSMISSION IS BUCKING

D36 CUSTOMER STATES TRUCK
HAS A MISFIRE ON
ACCELERATION, ENGINEERING
CONTACT
CUSTOMER STATES
CHECK ENGINE LIGHT COMES ON
MIL WAS FLASHING

REPAIR FOR ENGINE UIT WHIL PASSING (120 KMH) VEHICLE RESTARTED NOW CHECK ENGINE LIGHT IS ON REPAIR FOR ENGINE STARTED
MISSING AT HWY SPEEDS CHECK
ENGINE LIGHT CAME ON DROVE
FOR APPROX 20 KM BEFORE
CHECK ENGINE LIGHT WENT OUT
(YESTERDAY)

CK ENG LITE AND NOISE WHEN STARTED

CK ENG LITE ON IDLES ROUGH

SEE CUSTOMER CONCERN 1
SES LIGHT IS ON. WHEN
STARTING OUT MAKES A
WHIRRING SOUND REALLY LOUD

SEE CUSTOMER CONCERN 1 CUSTOMER STATES THAT THE CHECK ENGINE LITE IS ON AND THE ENGINE IS HESITATING AND MISSING PLEASE CHECK AND ADVISE

CHECK ENGINE LIGHT ON, VEN RUNS FINE

CHECK ENGINE LIGHT ON

CUSTOMER STATES CHECK ENGINE LIGHT IS ON AND VEHICLE HESITATES WHEN SHIFTING IN 2ND GEAR

DIAG CHECK ENGINE LIGHT ON

VERIFIER TEMOIN MOTEUR ALLUMEE ET MOTEUR STALL EN ACCELERATION

VERIFIER TEMOIN MOTEUR ALLUMEE EN ACCELERATION ET PAS DE PUISSANCE

CUSTOMER STATES CHECK ENGINE LIGHT HAS COME ON VIBRATION U/45 N22/CUSTOMER STATES DRIVING 70 75 MPH VEHICLE HAS A VIBRATION OR SHUTTER ON ACCEL TRANSMISSION LIGHT IS ON

SERVICE ENGINE LIGHT ON

CUSTOMER STATES CHECK ENGINE LIGHT ON

CUSTOMER SAID WENT TO PASS CAR AND CHECK ENGINE LIGHT CAME ON AND LOST POWER, CAN GO NORMAL BUT IF YOU TRY TO STEP DOWN ON THROTTLE IT SPUDDERS. FUEL ECOMOMY HAS DROPPED WITH ON

C/S HAS TRIED TO PASS A CAR, CEL CAME ON. LOST POWER. SPUTTERS ON THROTTLE OK OFF.

CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CUST STATES WHEN ACCELERATING TO PASS TRUCK CUTS OUT AND CHECK ENG LIGHT FLASHES

CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHT ON 09

CHECK ENGINE LIGHT ON 09 CUST STATES TRANS UMPS WHEN SHIFTING AND BANGS INTO GEAR CUSTOMER STATES CHECK ENGINE LIGHT WAS FLASHING AND VEHICLE WAS SHAKING WHEN TRYING TO ACCELERATE

CHECK ENGINE LIGHT IS ON LUMIERE CHECK RENGINE ALLUME ET MOTEUR MAN UE A CHAUD

LUMIERE CHECK ENGINE ALLUME

ENG HAS NO POWER WILL NOT GO PAST 20 KMH SES LIGHT WAS ON SERVICE ENG LIGHT ON DISPLAY SHOWS SYS OFF TO SAVE BATT

ENGINE LIGHT FLASHED

WHEN GOING TO PASS IT SEEMS LIKE IT SLIPPING OUT OF GEAR. HAS BEEN IN FOR THIS ISSUE BEFORE.ALSO HEARING A PINGING NOISE FROM THE UNIVERSAL WHEN GOING FROM DRIVE TO REVERSE OR VICE VERS

CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHT IS ON

CHECK FOR ENGINE LIGHT IS ON AND MISS FIRE.

CHECK FOR TAC FLUCTUATING NO ENGINE LIGHT IS ON.

ENGINE SKIP AT TIMES

RUNS ROUGH AT IDLE

CUSTOMER STATES THAT
SERVICE ENGINE LIGHT IS ON
RUNNING OK NOW BUT OVER THE
WEEKEND WAS RUNNING ROUGH
ON ACCEL INTO TRAFFIC (LIKE
VALVES FLOATING) SMOOTHED
OUT BUT THEN CEL CAME ON

CUSTOMER STATES CEL ON E29 CUSTOSMER WAS DRIVING WITH THE TRACTION CONTROL OFF AND WHEN HE ACCELLED TO PASS ANOTHER VEHICLE THE CHECK ENGINE LIGHT STARTED FLASHING AND REAR END STARTED HOPPING STATED LILE A E29 THE CHECK ENGINE LIGHT IS ON

MOTEUR COUPE A L ACCELERATION ET IL FAUT ARRETER LE MOTEUR P OUR RE

LUMIERE DE MOTEUR EST ALLUMEE ET MOTEUR COUPE (E29)

CEL IS ON CAME ON AFTER GETTING GAS HAS EASY FILL SYSTEM

CEL ON CAME ON WITHIN 30 MILES OF FILLING UP

CUSTOMER STATES THE VEH SEEMS TO MISFIRE WHEN PULLING A LOAD

CUSTOMER STATES THAT WHILE DRIVING THE CHECK ENGINE LIGHT COME ON AND THE VEIHCLE WAS RUNNING VERY ROUGH AND NO POWER. CUSTOMER STATES AFTER SHUTTING OFF AND RESTART THE CHECK ENGINE LI CHECK ENGINE LIGHTTHE CHECK ENGINE LIGHT IS ON. CUSTOMER STATES VEHICLE BUCKING AND ERKING.

CHECK ENGINE LIGHT THE CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHTS TROUBLES

CHECK ENGINE MISFIRES

TEMOIN CHECK ENGINE ALLUME ET PRESSION DES PNEUS ALLUMER.

CHECK ENGINE ALLUME (E29)

2011 MY P415 Powertrain Claims

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CA A IC CONVER ER D AG - MIS IRE	EXHAUS ENGINE	ES	ES	Con i med the mal bu n inlet b c 52	BDIADO 2 BDUCNO06	NO	NO	W E 9B W E 6B	2	6 B	A K	W C3 A	an-	- eb- 6-Ma -	BI INGS E ORD INCO N MERCU 7	0 3 5 00E 2 2 E	2 8-Ap -	3 26	22 3977	589 49 2	A OK	RAN EEC ES ID MONI (R UE RESSURE	D AG CHECK ENGINE IC	S 0 S V29	0	C C
D AG - MIS IRE	ENGINE	NO NO	N A	N A	N A	NO NO	NO NO	W E 3B	2 2	6 B	A K	W C3 A W C3 A	2 Ma -	30-Ma -	BI INGS E ORD INCO N MERCU 7 ARCHIE COCHRANE MO ORS INC RUXER ORD INCO N NC	DIAG	2 2 -Ap - 2 30-Ap -	2 5	73 0 00	34.95	A OK A M A IN	RAN EEC ES ID MONI (DS ES S ES S GN ROAD ES UDC ES EEC	A ASS CODES RE	CUS OMERS A ED HE	8 S V29	0	CC
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N.A.	BEEA 0 5 N A	NO NO NO NO	NO NO	W E 0B W E 9B	2	6 B	A K	W C3 A	2 an- 28 Ma -	2-Ma - 2-Ap -	HO MAN ORD INC 2 RUXER ORD INCO N NC 5	2029 DIAG	2 5-May- 4 8-Ap -	2 44	2 0.00	3 30 2 34 95	A C	WE VERLIED HE CHEC D ROAD ES NOMS RE E	NO ISO A E AU	CUS S A ES CE GA 72 CUS OMER S A ES		0	C C
DAG-MIS IRE	ENGINE	NO	N.A.	Submit ed a pedite ship 5 0	N.A	NO	NU	W E 3B		0 0	A	W CS A	20 MH -	2-яр-	ROXER ORD INCO N NC S	DIAG	4 6-яр-	20	69 000	3435	A IN	RUAD ES NUMB RE E	ES EDEEC ASS	72 COS OMERS A ES	S S VS2	-	
				a t tagged 5 02460 654 a t etu ned 5 6																							
CA A IC CONVER ER	EXHAUS	ES	ES	atgiven o as ode a 5 6	N A	NO	NO NO NO	W E 9B	2	6 B	A K	W C3 A	28 Ma -	2-Ap -	RUXER ORD INCO N NC 5	5 00E 2 2 DIAG	8-Ap -	20	89 000	8 85 2	A IN	RUN ECC ES GO COES! ASSER E IDS CODE 043 SCANNED D CS NONE ES	URE UE UM ON	CONCERN CHECK OR	S 0 S V49	0	SOUND NVH
D AG - 0430 D AG - MIS IRE	EXHAUS ENGINE	NO NO	N A N A	N A	N A N A	NO NO	NO NO	WEB	2	6 B	A K	W C3 A W C3 A	2 an-	28-Ap - 5-Ma -	G AU OMOBI E EE OE HA ORD INCO N MERCUR 8	N N	0-May-	2 2	45 0 00	572 0	A ID	SCANNED D CS NONE ES	DROVE NO ROB EN	CUS S A ES I ED A	8 2 S V49	0	SOUND NVH
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D AG - MIS IRE GROUND G 05	ENGINE ENGINE	NO NO	N A N A	N A N A	BE A200 N A	NO NO	NO NO NO	W E 2B	2 2	6 B	A K	W C3 A W C3 A	23- eb-	2-Ap -	GA ORD ORD INC-MERC INC ROCKDA E COUN R ORD	DIAG	2 6-May-	2 3	89 000	08 59 2 74 70	A MI	RAN EEC CA ED HO I W ROAD ES ED UNAB E O EEC ES AND RE REVE O	N ES SHOWS NO C	CUS OMERS A ESON	S S V29	0	0.0
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CA A IC CONVER ER	EXHAUS	ES	ES	at etu ned 6 5 at given o as ode a 6 5	BEZB603	ES	NO	W E XB	2	6 B	A K	W C3 A	30 Ma -	24-May-	GA ORD ORD INC-MERC INC	0 3 5 00E 2 2 E	2 3 -May-	20	8 407	4 582 77 2	A MI	RE ROMED E EC RONE	ES ED A ASS	CUS OMERS A ESCHI	S 0 S V29	0	СС
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CA A IC CONVER ER	EXHAUS ENGINE	ES NO	ES N.A	atgiven o as ode a 6.5 N.A.	BC5DW0 BEZB603	ES ES NO	NO NO	W E 3B	2 2	6 B	A K	W C3 A W C3 A	3- eb-	4-Ma - 24-May-	CROWN ORD WA SEKA ORD INCO N NC 0	0 3 5 00E 2 2 E 0 2029 0 2039 0 2039 0 2039 0 3 9 593 E 0 3 5 00E 2 2 E 0 3 5 00E 2 2 E 0 5 00E 2 4	2 - un- 2 26-May-	3 76	70 397.7 86 68.63 79 4.86 39 3.6.7	733 60 4 92 44 2	A NC	ROAD ES ED DC DIS CHECK ENGINE IGH NO	OW REROAD ES ED	GENERA NE V BRA ON U 45 N22 CUI	S 0 S V29 S 0 S V89	0 R	C C RIDE HAND ING
S ARK UGS UE N EC OR	ENGINE ENGINE	NO NO	N A N A	N.A.	N A BDUCN006	ES	NO NO	W E 6B W E 6B	2	6 B	A K	W C3 A	5- eb-		SUCCES ORD NC ARCHIE COCHRANE MO ORS INC	2 0000	2 30-May-	2	79 486 39 3.67	73 60 7 5 2	15 A C	XVERI IER AI E SOR R C	ODE 0308 KOEC KOE	VERI IER UMIERE CHE CHECK ENG NE GH IS	A 24 2 A V29	0	СС
UE N EC OR	ENGINE	NO	N.A.	N A	BE A200	NO	NO	W E 0B	2	6 B	A K	W C3 A	23- eb-	2-Ap -	GA ORD ORD INCO N NC	3 9 593 E	2 24-may- 4 3 -May-	2 9	48 283 6	4 63836 5	I A MI	WHATE CATED COME	N EC OD ISSUE NO	CUID OMED O A EO LA	8 0 S V52	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N.A.	N A	B CDB008 BEEA 0 5	ES NO	NO NO	W E 3B	2	6 B	A K	W C3 A	20 Ma -	27-May-	HAVRE ORD HO MAN ORD INC 5	0 3 5 00E 2 2 E	2 3- un-	40	3977	88 5 7	A M A C A MO	CHECDK WI H DS CHEC B	CH HAD CHECK GROU	CHECK ENGINE GH O	S 0 S V29	0	CC
D AG - 0420 S ARK UGS	EXHAUS ENGINE	NO NO	NA NA NA	N A	N A N A	ES	NO	W E 6B	2	6 B	A K	W C3 A	7- eb-		BOMMARI O ORD GAU OMOBI E EE	5 00E 2 4	2 29- un-	. 7	397.7 59 496.8 9 0.00 80 4.86	29	A MO	CHECDK WI H DS CHEC E EEC 0430 N ON ES VERI IED ENGINE IGH N X ASSER E IDS CODE 030 ER ORM EEC ES DIAG CODE 0306 COI AND 6	CUS OMER OOK AND	CUS OMERS A ESCHI EMOIN CHECK ENGINE	S S V29	0	CC
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N.A.	N A	BGEC 0 9 B 4BW00	NO ES	NO NO NO	W E 9B	2 2	6 B	A K	W C3 A	4 an-		ON BE EN SONS ORD NC S OKES-CRAVEN ORD 4	6006	2 29- un- 2 4- ul- 2 27- un- 4 30- un-	3 40	80 4.86 40 0.00	2 9 92 42 43 00 74 53	A MI	ER ORM EEC ES DIAG	OR D C 30D ER 0	D AGNOSE ENGINE WAS	S 2 S V29	0	C C
D AG - MIS IRE	ENGINE	NO NO	N.A.	N A	B 4BW00	ES	NO NO	W E 4B	2	6 B	A K	W C3 A W C3 A	3 Ap - 7- eb-	4-Ap - 3-May-	S OKES-CRAVEN ORD 4	2029	4 30- un-	2 3	22 0 00	74 53	A SC A MO	CODE 0306 COL AND 6	ER ORM IDS REMOVE	CS HA WHEN HE WEN CK ENGINE IGH IS ON	8 0 S V52	0	C C
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NO	N A N A		N A N A	NO NO	NO NO	W E B	2	6 B	A K	W C3 A	4 Ap -	29-Ap -	ANDERSON ORD INCO NIMERCUR GERARD HUBER AU O EE	N N	2 6- ul-	3 63	28 0.00	4 737.86 2 60.8			OU ES NORMA EN		A 22 2 A V29	0	CC
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N A N A	N A N A	ES NO	NO NO	W E 0B	2 2	6 B	A K	W C3 A W C3 A	7- ab-	3-Ap -	DU ON DU ON ORD INCO N	3 4C088 I	2 29- un- 5 4 2- ul-	3 40	8 65.73 45 0.00	63.23	IO A C	DS ES 030 REM AC SSM 2 703 RESE M S RE	MONI OR NEU RA	UMIERE CHECK RENGI CHECK ENGINE GH O	A 20 2 A V29 S 0 S V44	0	MA UNC ION
CA A IC CONVER ER	EXHAUS	NO	N A N A	N A	N A N A	NO N	NO	W E 7B	2	6 B	A K	W C3 A	0-May-	25-May-	B AINVI E ORD NC	0 2029 0 3 5 00E 2 2 N 3 4 0088 1 7000 0 3 5 00E 2 2 E 6 6C3 5 6 DIAG	2 4- u-	2 39	59 496 8 9 0 00 80 4 88 40 0 00 22 0 00 89 520 4 28 0 00 8 65 73 45 0 00 25 50 4	7 6 6 36	4 A C				A 2 0 A V29	0	СС
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N A	N A	N A N A	ES	NO NO	X E 0B	2 2	6 B	A K	W C3 A	24- eb-	3-Ap -	B ANNYI E ORD NC S SUMMERVI E ORD NC S DU ON DU ON ORD INCO N A MA ORD INC S AN E ORD MOGNEOU CHIN NOR H ORD NC CAUSEWA ORD NCO N S GERARCH HUBBER AU O EE UGKE GA ES SERVICE D S AN E ORD-MOGNEOOR	623 5 00E 2 2 E 623 5 00E 2 2 E 63 5	2 9- u- 2 20- un-	2 39 30 3 36 4 77 5 280 24	47 0 00	83 88 35 7	A SC	AI SCAN ES D.C. 0 A	ACER RE ES	UMIERE CHECK ENGIN	A 20 2 A V29	0	CC
CO	ENGINE ENGINE	NO NO	N A N A N A	N A N A	N A N A	NO NO	NO NO	W E 8B	2 2	6 B	A K	W C3 A W C3 A	28 Ma - 3 an-	5-Ap - 23- eb-	A MA ORD INC S AN E ORD-MCGREGOR	0 2029	2 22- u- 4 20- u-	4 77 5 280	8 55 33	8 69 45 0 7 8 24 8	IS A C	SE ES ASS ES DRI	ES CA A SEUR OK VE HAS M SS UNDER	UMIERE CHECK ENGIN CUS S A E ENG CU C	A 25 A V29 S 0 S V52	0	C C
CO	ENGINE ENGINE	NO NO	N.A.	N.A.	N A N A	NO	NO NO	W E OB	2	6 B	A K	W C3 A	8- un-	30- un- 28-Ma -	OHN NOR H ORD NC	0 3 2029 C	5 6- ul-	24	47 70 6	8 24 8	A KS	XCOI AND UG SWI CHED	3 AND 2 UG AND	CUS S A E ENG CU C CHECK ENG NE GH O CUS OMER S A ES DRI	S 0 S V44	0	MA UNC ION
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A N A	N A	BGSDA00 N A BGRAO009	NO	NO NO	WEB	2	6 B	A K	W C3 A	4 Ap -	29-Ap - 29-Ma -	GERARD HUBER AU O EE	0 3 5 00E 2 2 E	5 7- ul-	4 3 63 4 04 6 300	8 530 0 485 533 9	298 4 2 5 586 54 0 827 3 6	7 A C	SOR I CODE 0430 AI E	S HC 234 RESSIC	VER E COR CHECK EN	A 2 0 A V44	0	MA UNC ION
CO	EXHAUS ENGINE	NO NO	N A	N A	BGRAO009 N.A	NO NO	NO NO	W E 8B	2 2	6 B	A K	W C3 A	4 Ma -		S AN E ORD-MCGREGOR	0 3 5 00E 2 2 E	2 8- u - 3 26- u -	6 300	485 533 9 083 58 88	0 8273 6 6058	A NS	SE ES CODE 0304 P	CA S O ENGINEER	CHECK ENG ONE GH	8 0 S V52	0	C C
S ARK UGS CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N.A.	BG AU003 BG2C4003	NO NO	NO NO	W E OB	2	6 B	A K	W C3 A	28-May- 3 Ma -		S IRI ORD INC ES GA ERIES ORD INC	2405	8- u -	6 300 2 73 4 58	083 58 88 58 0 00 72 5 9 3	63 0 3 770 56 2	A MI	RESCANNED RUCK OUR	ES OK RE EASED	CUS OMERS A ESCK CHECK ENG NE A UME CK ENGINE IGH ON SE VERI IER EMOIN MO E	S 0 S V40	0	C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	BG AU003 BG A 004	NO NO	NO NO	W E OB	2	6 B	A K	W C3 A	28-May- 25- eb-	2- un- 8-Ma -	S IRI ORD INC ASA E ORD INC 4	5 00E 2 2	2 8- u-	2 73	58 46.25 83 509.6	3 770 56 2 1 292 26 3 2 857 36 4	A MI	ER DAG ORCKENGR DS ES KOEC 0300 (E	MS OK CON AC ED O	CK ENGINE IGH ON SE	S 0 S V29	0	CC
CA A IC CONVER ER			N A	N A				W E XB	2	6 B	A K	W C3 A	25- eb-	8-Ma -	ASA E ORDINC 4	0 3 5 00E 2 2 E	2 7- ul-	4 88 6 82	83 509 6 28 55 33	2 85736 4 8 8 82	15 A C	DS ES KOEC 0300 (E	ME RESURBANK 2 FR FIDS CODE 030	VERLIER EMOIN MO E EMOIN CHECK ENGINE	A 2 0 A V29	04	C C
CO	ENGINE ENGINE	NO NO	N A N A		N A N A	NO NO	NO NO	VX E 7BK	2	6 B	A K	W C3 A	4 an-	4- eb- 3-Ap -		0 3 2029 E 0 3 2029 C 0 3 2029 C	2 28- u-		28 55 33 8 55 33	8 82 5598 2	2 A NB	SCAN ES HAD CODE 03	M C INDER 4MS	EMOIN CHECK ENG NE CHECK ENG NE GH S CHECK ENG NE GH O ENG HAS NO OWER WI	A 32 A V29	0	C C
S ARK UGS	ENGINE ENGINE	NO NO	N A N A		BGED4005 BHDAN007	NO NO	NO NO	X E 0B	2	6 B	A K	W C3 A	2 un- 28- eb-	24- un-	OX MAR UE E SHANAHAN ORD NCO N SA ES 2	10 2	2 0-Aug- 4 3-Aug-	2 37	3 58.88 '88 9.7	88 56 2	0 A ON	ROAD ES RUNS BAD MI XVERI IED CONCERN ROA 4	5 UGS RANS ER	ENG HAS NO OWER WI	A 02 A V52	0	CC
D AG - MIS IRE UE N EC OR	ENGINE ENGINE	NO NO	N A N A	N A N A	BHBBC007 B 2DO009	NO NO	NO NO	W E 9B	2 2	6 B	A K	W C3 A W C3 A	23-May- -Ma -	5- un-	RO CA ORD OMEARA ORD CEN ER INC	9 0 509 5	27. 10	2 29 3 2	3 58.88 98 9.7 59 0.00 28 390.0	3838 8856 2 766 0 8 05 32 6	A co	XVERI CONCERNIDS EI	MODE 6 DA A A OK Z Z ES Z2 ES	D36 CUS OMERS A ES C IEN S A ES WHI E D	8 2 S V52 S 0 S V40	04	C C
UE N EC OR	ENGINE	NO	N.A.	N A	BG2BK005	NO	NO	W E 5B	2	6 B	A K	W C3 A	29-May-	23- un-	DE ROI AKES ORD	3 9 593 E	4 26- u-	2 6	87 455 4	990 43 7	A MN	X ES WIHDSCODE 0 E	C OR RESEA ED REA	CUS OMERS A ES WH	S 0 S V52	0	СС
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A N A	N A	BHDAN007 BH C50 4	NO	NO NO	W C 7B	2	6 B	A K	W C3 A	28- eb- 2 Ap -	27- u-	SHANAHAN ORD NCO N SA ES 3 B G COUN R ORD NCO N 8 SUMMERVI E ORD NC 6 OWN COUN R ORD E CI 9	3 9 593 E 0 3 5 00E 2 2 E 0 3 5 00E 2 2 E	2 8-Aug- 2 0-Aug-	2 4	09 504 7 67 589 8	7 69255 2 6 7 050 2	0 A ON A X	VERI CONCERNIDS D 0 VCC ER ORMED EEC 3 0430 CAR E RA 2 H AI X ER ORMED A EEC EAI	UGS ON BANK 2 C	SERVICE ENG. GH. ON CUS OMERS A ESICHE	S 0 S V29	0	CC
CA A IC CONVER ER	EXHAUS ENGINE	NO NO	N A N A	N A N A	BGVD 002 BG D 009	NO NO	NO NO NO NO NO NO	W C 6B W C 7B	2 2	6 B	A K	W C3 A	24- eb- 4 Ma -	24- un- 30-Ap -	SUMMERVI E ORD NC 6 OWN COUN R ORD E CI 9	0 3 5 00E 2 2 E	2 2 - u - 2 25 - u -	3 2	87 605 3 70 92	6 999 60 5 5 269 58	A SC	X ER ORMED A EEC BAI	GROUND WIRE UND KED CODES RE URN	CUS OMERS A ESCHI CUS OMERS A ES HA	S 0 S V29 S 0 S V29	04	C C
D.AG - 0430 S. ARK UGS	EXHAUS ENGINE	NO NO	N A N A	N A N A	BH A 0 3 N A	NO NO	NO NO	W E 0B	2 2	6 B	A K	W C3 A	29 Ma - 4 Ma -	22-Ap - 3-Ap -	BOSHEARS ORD SA ES INC VISION ORD INC	2A650 0 2405	2 0-Aug- 2 7-Aug-	4 48 5 89	28 0.00 67 4.88	48 07 27 94 0	A MI 12 A NB	VER I CE DS SE ES CHECK ENGINE IGH ON	CODE 0430 CUS OM	CUS OMERS A ESCHI CHECK ENGINE MIS IRE	S 0 S V29	0	CC
D AG - MIS IRE CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A	BHSBZ009 N A	NO	NO	X E 2B	2	6 B	A K	W C3 A	4 May-	7- un- 20-May-	USKE SA ES SERVICE D 3 BOB SWO E ORD INC			3 50 3 63	34 0 00 43 397 7	53.35	IZ A NS	8 03 EEC ES ED NO CODE ES DS CODES 0430 BA	S CHECKED MODE 61	ENGINE IGH ASHED CHECK ENGINE GH O	A 32 A V29	ŏ	CC
CA A IC CONVER ER S ARK UGS	ENGINE ENGINE	NO NO	N A N A	N A	N A BHW 748 B MA4022	NO NO	NO NO	X E 5B	2 2	6 B 6 B	A K	W C3 A	3 an-		BOB SWO E ORD INC AU OMOBI ES ERRON EAN DUMAS ORD	0 3 5 00E 2 2 E	2 7-Aug- 4 23-Aug-	3 63 5 99 6 78		495 55 77 88 7 34 85 2	4 A C	X ES CODE 0306 C INDF CONS IM OSSIB E DE (A)	WK Z LIRIVERS SIDE RE E NO6 0430 CA A I	MO EUR COU E A ACC UMIERE CHECK ENGIN	8 0 S V29 A 24 A V52	0	C C
CO CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A	B MA4022 BHW 748	NO NO	NO NO NO	W E 7B	2	6 B	A K	W C3 A	8- an- 20 Ma -	28- eb- 7-Ap -		Y 9 E DOE 2 2 E	4 23-Aug- 2 0-Aug- 2 25-Aug-	6 78	02 E04 7	7 509.64	12 A C				A 22 2 A V29	0	C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS	NO NO	N A N A	N A	BH A 0 3 NA	NO	NO NO	W E OB	2	6 B	A K	W C3 A	29 Ma -	22-Ap -	DOENGES ORD	3 5 00E 2 2 E	2 6-Aug-	5 99 4 58	05 397 7 84 645 4	502 58 8 854 62 3	A OK	VERI IER E ARE ES C 679 VERI MI ON EEC SI VERI IED CONCERN 0430 XROAD ES LICK ES II I VERI IER CODE AUGUN CO VERI IED CONCERN 04 EI SCANNED OR CODES X DS ES ED CODE 039 0 1955 2405 42 CONDUC SI	J RE A	CUS OMERS A ED CH	S 0 S V29	ő	CC
S ARK UGS	EXHAUS ENGINE	NO NO	N A N A	N A	N A BH3AW005	NO NO	NO NO NO NO NO NO	W E B	2 2	6 B	A K	W C3 A	3 Ma - 2 Ma -	2 -May- 29-Ma -	DOENGES ORD CHAM ION ORD SA ES INC E C RCUI ORD NCO N EE SUCCES ORD NC	0 3 5 00E 2 2	2 8-Aug- 3 2 26-Aug-	6 31	05 307 7 84 645 4 923 4.86 65 0.00 1.5 633 56 504 7	8 854 62 3 33 95	0 A C	XROAD ES UICK ES I	MANK 2 CA A C E NE VERI IER G 05 OK	CUS OMER S A ED CH CUS OMER S A ES HA (E29) ANOMA IE DU EM MO EUR A M SSE UNE	A 2 8 A V29	0	CC
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A N A	N A	N A N A BH DC003	NO NO	NO NO	W E 6B	2	6 B	A K	W C3 A	5- eb-		SUCCES ORD NC	2 DIAG 0 3 5 00E 2 2 E	2 26-Aug- 3 25-Aug- 2 8-Aug- 2 0-Aug-	6 31	65 0 00	33 95 5 28 0	IS A C	VERI IER CODE AUCUN CO	DE RESEN	MO EUR AM SSE UNE	A 242 A V52	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A	N A	BH DC003	NO	NO NO	W E 5B	2	6 B	A K	W C3 A	- un- 5-May-	24- un-	CHAM ION ORD SA ES INC DISCOVER ORD SA ES D	3 5 00E 2 2 E	2 0-Aug-	2 5	56 504 7	0 842.24 3 7 792.22 3	16 A SK	SCANNED OR CODES	MES ES ING EVER	CUS OMERS A ES HA CHECK ENGINE I E ON	A 4 0 A V29	0	CC
S ARK UGS	ENGINE ENGINE	NO NO	N A N A N A	N A N A	N A BH4CX00	NO NO	NO NO	X E 4B W E 0B	2 2	6 B	A K	W C3 A	28 Ma - 8-May-	9-Ap -	CAM C ARK ORD SA ES D 3 RIEND ORD INC 9	IC 3 2029 E	2 24-Aug- 2 30-Aug- 2 24-Aug-	5 80	70 60 S	327 40 3 84 68 2	2 A AB	955 2405 42 CONDUC SI	N IS EVEN ON A C HOWED 4 AND 6 C	CHECK OR ENGINE G C S WRENCH GH IS O	8 0 S V29	0	C C
S ARK UGS S ARK UGS	ENGINE	NO NO	N.A.	N A	N.A.	NO	NO NO	W E 5B	2	6 B	A K	W C3 A	9-Ma -	3 -Ma -			2 24-Aug-	5 07	709 4.86	20.95 2	15 A C				A 25 A V29	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	N A BHSA 005	NO NO	NO NO	W E 3B W E 7B	2 2	6 B	A K	W C3 A	2 Ma - 0 un-	30-Ma - 9- u -	HA DEMAN ORD 0	0 3 5 00E 2 2 E	2 8-Aug- 2 3 -Aug-	5 96 2 26	54 483 6 99 944	3 567 52 7 248 5 3	A IN	ES ED EEC V 0430 DA A VERI IED CONCERN CHE	ASSENGER CA CONV	CUS OMERS A ES HA CHECK ENG NE GH O	S 0 S V29	0	CC
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N.A.	N A N A	N A BHSD 004	NO NO	NO NO	W E 3B W E 4B	2 2	6 B	A K	W C3 A	22-May- 26- eb-	9- ul-	BI HOWE ORD INCO N INC	N N	4 9.400.	2 40	35 33.2 44 0.00	83 88 2 56 96	A GA	ER ORM DIAG KOED KOE	NDER OAD RE ACE R CON ASS OWER	AMBER CK ENGINE I E WHI E DRIVING A HW	S 2 S V29	0	C C
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NO	N A N A	N A	N A N A	NO NO	NO NO	X E 4B	2	6 B	A K	W C3 A	- un-		CHAM ION ORD SA ES INC GU COAS ORD 6 HER R CH ORD O EAS ON EAN DUMAS ORD	3 5 00E 2 2 E	2 30-Aug- 2 23-Aug-	2	3 477.7	9 553 08 96 93	A A	0420 E HAND CONVER ABOR O VERI CONCER	OR E ICENC BE	CUS OMERS A ESCE	S 0 S V29	0	CC
D AG - 0430 D AG - 0430 CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	N A BH BE007 B MA4022	NO NO	NO NO	W E 6B	2 2	6 B	A K	W C3 A	26-May-		HER R CH ORD O EAS ON	0 3 5 00E 2 2 E DIAG DIAG 0 3 5 00E 2 2 E	2 7-Aug-	3 88 2 53	7 000 26 000 8 5047	96 93 74 9	A MD		ME O U CODES	ENGINE MECHAN CA R VERI IER UMIERE CHE	S S V29	0	CC
CA A IC CONVER ER	EXHAUS ENGINE	NO NO	N A	N A	B MA4022 BG2BK005	NO NO	NO NO	W E 7B	2	6 B	A K	W C3 A	8- an- 29-May-	28- eb-	EAN DUMAS ORD DE ROLLAKES ORD	0 3 5 00E 2 2 E	2 7-Aug- 2 30-Aug- 4 7-Sep- 2 6-Sep-	7 06	8 504.7 8 6.67	7 709 06 2	2 A C	CONS CHECK ENGINE A	UME RENDRE CODE	VERI IER UMIERE CHE	A 2 0 A V29	0	C C
S ARK UGS CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A	BG2BK005 BHSA 005	NO NO	NO NO	W E 7B	2	6 B	A K	W C3 A	0 un-	9- u-	DE ROI AKES ORD HA DEMAN ORD 2	2405 0 3 5 00E 2 2 E	2 6-Sep-	3 30 2 29	8 550 9 5269	7 589.86	A N	ES WI H DS NO CODEN DIAG AND OUND CODE RI	MOVED HE ASS CA	CUS OMERS A E.M. G. C.S.CHECK ENGINE IGH	S 0 S V29	ŏ	CC
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NO	N A N A	N A	N A N A B GDZ006	NO NO	NO NO	W E 8B	2 2	6 B	A K	W C3 A	3 Ma - 23 Ma - 26-May-	2 -May- 9-Ap - 30- un-	CHAM ION ORD SA ES INC B UE R DGE NOR H GEORGIA ORD IRM N ORD INC	0 3 5 00E 2 2 E	2 30-Aug- 2 7-Sep-	6 66	58 487.5 6 0.00 39 7.4.5	9 59635 9903	A A	VERI IED CONCERN DS CO CODE 0430 CA A IC CO VERI IED CONCERN CK N	IUE 0430 H CONVER	CUS OMERS A ES HA CUS OMERS A ES CHI C S VEH C E IS RUNNIN	S 8 S V29	0	C C
CO CA A IC CONVER ER	EXHAUS ENGINE	NO NO	N A N A	N A	B GDZ006	NO NO	NO NO	W C 5B	2	6 B	A K	W C3 A	28-May-	30- un-	IRMN ORD INC	DIAG 0 3 2029 C	2 7-Sep- 2 6-Sep- 2 2-Sep-	3 38	8 0 00 39 7 4 5	99 03 5 032 33 4	A SC	VERI IED CONCERN CK N	S EC AND OVER A	C S VEH C E IS RUNNING	S 0 S V29	0	CC
CO	EXHAUS ENGINE	NO	N A N A	N A	N A BHOA700	NO	NO NO	W E 8B	2	6 B	A K	W C3 A	22-May- 2 an-	9- ul- 8- eb-	GW NNE ACE ORD INCO N 7 DU UIS ORD INCO N INC 0	3 2029 E	3 5-Aug-	3 86 7 8	98 440 0 8 2 39 8	0 288 27 2	0 A ON	EEC ES DC MONI OR E XROAD ES AND NO ABK	MODE 6 DA A AND NI I	CUS S A ES SERVICE CHECK RANSM SS ON	A d A V52	ŏ	CC
S ARK UGS	ENGINE	NO	N.A.	N.A.	N.A	NO	NO	W E 5B	2	6 B	A K	W C3 A	9-Ma -	3 -Ma -	BOUCHARD ORD	Q 2	3.4 4-Sep-	6 7	727 9.7	25 80 2	15 A C	X ES N EC ION E EC PER	RO I DEM S IREC	COSOMMA ION ESSENC	[A 25] A V 7	0 E	. EC R CA

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2011 MY P415 Powertrain Claims

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A T TA	A TVT	W T A T TA ? T	TAT	т	AV TA	т	8.69			A T	WA A T	A	M A	AT T	MM A	MAT A T TA	TAT V	T MM T	T MM T 2 T M	MM T ERSAES HAS	AlT	AM T
D AG - MIS IRE D AG - MIS IRE CRANK SENSOR	ENGINE ENGINE	NO NA NA		N A BE DC004	NO NO	W E 28K	2	6	BA KW	C3 A	24- eb- 28- eb- 4-Ma - 3 -Ma -	GENES E ORD C 3	3 DIAG	2 6-Sep- 7 2 27-May- 2	8 28	0 00 5 70	0 A NE	ES EEC S S EM CO	DE 0305 IN S S EM ES CUS OM	ERSAES HAS	2 S V29	C C
CRANK SENSOR	CC	NO NA NA		BG3BC009	NO NO	W E 3B	2	6	BA KW	C3 A	24-May- 27- un-	DROUN AU OMOBI ES EE HUNDER BAS N ORD C	3 3 6C3 5 A	0 29- u- 2	92	0 00 58 77 28 22 294 08	3 A W	VERI IED CONCERN EE	SOR R ES CODES E VERCHECK E C D 0 4 9 VO S D CUS OMI I AND UG ROAD ES RCUS OMI	ER S A ES VEH S	0 S V52	04 C C
CO ARV 1100	ENGINE	NO NA NA		N A	NO NO	X C 38	2	6	BA KW	C3 A	22- eb- 0-Ma -	ERR ORD INCO N	90 3 2029 C	2 4-Sep- 7	0032	64 05 260 96	2 A CA	RE ACE 2 (RIGH) CO	I AND UGROAD ES FCUS OM	ERSAESCHES	0 S V29	0 C C
S ARK UGS UE N EC OR	ENGINE ENGINE	NO NA NA		BI B 00 BH4CX00	NO NO	W E 3B W E 0B	2	6	BA KW	C3 A	5-May- 24-May- 8-May- 9- u -	NEW HO AND ORD CHINO HI S ORD	3 9 593 B	3 2-Sep- 4 3 9-Sep- 2	0920 3546	3 00 89 99 3 5 64 773 94	2 A A 5 A CA	XCK ENG NO SHI NG	DIAGNOSE AND ER OF CUS OM CD O ER AN N OW WOU DIN	NO SHI OU S	0 S V52	C C
CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA		BGEC 0 9 B AC 007	NO NO	W E 9B W E 7B	2 2	6	BA KW	C3 A C3 A	3-Ma - 4-Ap - 5 an- 27-Ap -	ON BE EN SONS ORD NC EAS COUR ORD NCO N SA ES	3 5 00E 2 2 E B0 3 2029 C 3 2A650 3 DIAG 3 N 5 DIAG	2 6-Sep- 6 2 -Sep- 5 2 9-Sep 2 9-Sep- 4	9680 2299 374 3773	397 7 509 5 66 00 3 4 26	2 3 A ON	COM E E EEC S S D	IAG AND OR D C 04 CHECK E IAG ES CHECKED IDCHECK A	NG NE GH IS S	22 A V29	0 C C
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NA NA		N A B SBZ0 6	NO NO	W E 58	2	6	BA KW	C3 A	9- ul-	SE HWAD E ORD INCO N OWN ORD NCO N	3 2A650	2 9-Sep	374	0 00 4 44 0 00 85 0	A OK A WA	DS ES U ED COD	ES 0304 ER SSM 2 703 CUS OM I AND OUND 0300 CHECCUS OM	ERS A ESCHE S	0 S V29	CC
D AG - MIS IRE D AG - 0430	ENGINE	NO NA NA		N A	NO NO	W C 5B	2 2	6	BA KW	C3 A	3-May- 20- un- 3 un- 25- u -	KEN COX ORD INC EW S ORD NCO NO DODGE CI 8	B N	2 9-Sep- 4 4 4-Sep- 2	2328	0.00 85.0	A A	RAN EEC ES NO D C	S MONI ORED D DA A RICHECK I	OR ENGINE MIS S	8 V52	0 00
D AG - 0430	ENGINE EXHAUS	NO NA NA		N A N A	NO NO	W E XB	2	6	B A KW	C3 A	3 un- 25- u- 5-Aug- 5-Sep- 5 an- 27-Ap -	EWS ORD NCO NO DODGE CI 8	3 DIAG	4 4-Sep- 2 2 20-Sep- 2 -Sep- 5	2328 487	0 00 55 66 0 00 29 79	0 A KS	ECH ED VEHIC E	S MONI ORED D DA A R CHECK AND INS EC ED UNDERNESERV CE 6947 DIAG RE ACE CA CHECK A	ENG NE IGH 8	2 S V29	C C
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NA NA		B AC 007 N A	NO NO	W E 7B	2 2	6	BA KW	C3 A	5 an- 27-Ap - 23 Ma -	EAS COUR ORD NCO N SA ES A MI KEN ORD INC 9		2 -Sep- 5 2 20-Sep	2299 6457	557 92 7 4 9 0 00 76 59	2 3 A ON	AS ER HO NE 048 ER ORM SE ES	0300 0430 N.S. S.EM CUS. S.A.	A ES HA HE S	2 S V29	C C
D AG - 0430 S ARK UGS	EXHAUS ENGINE	NO NA NA		N A N A	NO NO	W E 88	2	6	B A KW	C3 A	23 Ma - 22-Aug-	A MI KEN ORD INC 9 ARK RA IDS ORD	BC 2	27-Sep	6457 730	0 00 76 59 3 00 27 54	A MN	XCHECKED NO CHECK E	NG IGH ON S IGH M C S VEH O	C E IS RUNNING 8	2 S V40	C C
D AG - 0430	ENGINE EXHAUS	NO NA NA		B ZBA0 B VDV007	NO NO	W E XB	2 2	6	BA KW	C3 A	4- un- 30- un- 5- eb- 24- un-	BOB SIGH ORD NC 9 RE E ORD INCO N NC 5	3 DIAG	2 9-Sep- 3 3 6-Sep- 3	4689 60 0	92 5 484 67 0 00 44 78	A MO	CHECK ENGINE IGH I	R GROUND CK S OR CUS OM N E OK C EARED CODES CUS OM	ERS A ESCHE S	2 S V52	0 00
UE N EC OR	ENGINE ENGINE	NO NA NA		B VBH0 3 BHSD 004	NO NO	W E 7B	2	6	B A KW	C3 A	2-Ma - 3- u - 26- ab- 6- u -	V C BAI E ORD INCO N 5 C ASS C ORD NCO NO CO UMB 4	3 9 593 B	2 22-Sep- 3 5 3-Sep- 2	234 7284	92 5 3 4 350 68 8 5 84	2 A SC	VERI CUS OMER CO	N ACED BANK 2 COL S ANC S CHEC	CK ENGINE IGH S	0 S V29	D C C MA UNC ION
CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA NO NA NA		BGK 500 BGRAO009	NO NO NO NO		2	6	BA KW	C3 A	25- ab- 8-Ma - 4 Ma - 29-Ma -	ASA E ORDINC 4 USKE SA ES SERVICE D 9	3 9 593 B 3 9 593 B	2 8-Sep- 6	3473	827 80 523 27 66 00 3 5 38	815 A C	X ES DS CODE 0430	MANDE HO INE DE AI VERI IER	R EMOIN MO E A	2 8 A V29	C C
CO	ENGINE	NO NA NA		BGRAO009	NO NO	WEB	2	6	B A KW	C3 A	4 Ma - 29-Ma - 5 Ma Ap -	USKE SA ES SERVICE D 9	BC 3 2029 B	2 8-Sep- 6 2 26-Sep- 7 2 27-Sep- 6 2 23-Sep-	893		3 12 A NS	X30508 BANK 2 COL S CO	N ACED BANK 2 COI S AND S CHECK D 6IN EC ORS RE A ER DI C MANDE HO INE DE AI VERI IER DE M IME IS OR AWA ENGINE S AD DAND RE ACE 5 AND CHECKE O490 CHECK OAS S ER CUS OM	SKI ED HEN A	8 A V29	C C
CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA		N A N A	NO NO	W E XB	2	6	BA KW	C3 A	5 Ma Ap - 5-Aug - 5-Sep -	BOU EVARD ORD- NCO N 5 RUS ECK ORD INC	30 3 2029 C	2 23-Sep- 6	095 2 08	28 0 23635 3977 52476	A KS	0430 2 EEC ES	0430 CHECK OAS S ER CUS OM	ERS A ES CHE S	0 S V29	CC
D AG - MIS IRE	ENGINE	NO NA NA		N A	NO NO	W E 98	2	6	B A KW	C3 A	-Sep-	ENVOORDE ORD NC			538	0 00 62	A MN	ER ORM EEC DIAG AT	GOOD SEE CUS	OMER CONCE S	2 S V29	C C
CO	ENGINE ENGINE	NO NA NA		B NAV003 BHSBZ009	NO NO	X E 28	2	6	B A KW	C3 A	0-May- 25-May- 4 May- 7- un-	B AINVI E ORD NC USKE SA ES SERVICE D	80 3 2029 C	2 3-Oct- 4	9595	80 57 335 28	3 2 A NS	5487 ACK O OWER	GS ON BANK 2 AS ER H WHEN GO	DING O ASSI A	32 A V29	C C
CO	ENGINE ENGINE	NO NA NA		BI4AX004 N A	NO NO	W C B	2 2	6	BA KW	C3 A	8-Ma - 28-Ma - 6- un- 6-Aug-	BAR OW ORD COM AN OR MI ORD 6	BC 3 2029 C	4 30-Sep- 7 3 26-Sep- 2	20909	86 44 95 03 92 5 362 72	2 4 80	DS ES ROAD ES D	IC MONIOR ES RE A CSENG	ERKS IN OVER S	0 S V52	0 C C
UE N EC OR D AG - MIS IRE	ENGINE	NO NA NA		N A N A	NO NO	W E 2B	2	6	BA KW	C3 A	9-May- 27-Aug-	SHENANDOAH ORD INC 4	3 9 593 B	2 26-Sep- 2	2962	63 76 425 38	4 A VA	XVERI IED CUS OMER O	HE RIGH BANK AND MCUS OM	ERSAES HE S	0 S V29	CC
D AG - MIS IRE CA A IC CONVER ER CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA NA NA NO NA NA NA NO NA		N A B VDV007 B ZBR008	NO NO	X E 9B W E XB	2 2	6	BA KW	C3 A	-Aug- 0-Sep- 5- eb- 24- un-	SHENANDOAH ORD INC 4 RO I E B UEBERR ORD INC ERREBONNE ORD 2 OR MI ORD 7	90 2 3 80 3 2029 C 80 3 2029 C	2 3-Sep 4 2 3-Sep 4 2 3-Oct 4 4 30-Sep 7 3 26-Sep 2 2 26-Sep 2 2 25-Sep 4 2 29-Sep 4 2 29-Sep 2 2 7 23-Aug 3	2529 6228	80 57 335 28 80 57 335 28 86 44 95 03 92 5 362 72 63 76 425 38 0 00 20 59 397 7 509 59 464 42 6 7 93 567 82 790 53	O A ME	RAN EEC ES 0490 R	US ES ING ROCEDURE CUS OME	ECK ENGINE IG	2 S V29	D C C
CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		B ZBR008	NO NO	W E 0B	2	6	B A KW	C3 A	6- un- 6-Aug-	OR MI ORD 7 E M ORD INC 8	00 3 5 00E 2 2 E	2 29-Sep- 2	9637	464 42 6 7 93	2 A SC	VERI CONCERN CHE	E NORMA ER ORM CK ENG	IGH COM NG S	0 S V29	o c c
CA A IC CONVER ER D AG - 0490	EXHAUS EXHAUS			BG D 006 N A	NO NO	X U 28 W E 68	2 2	6	BA KW	C3 A	5-Ap - 3 -May- 6- un- 6- ul-	E M ORD INC 8 HERI AGE ORD INC	3 5 00E 2 2	2 / 25-Aug- 3 2 29-Sep- 3	31286	0 00 23 34	0 A IN	CHECKED OR CODES	MO AND RE ACE S AND CHECKE AND CH	ENGINE IGH S	S V29	D C C
D AG - 0490 CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		N A N A	NO NO	W C XB	2	6	B A KW		9 an- 2 - un-	HERI AGE ORD INC GU COAS ORD 3	3 DIAG DI 3 5 00E 2 2 E	2 9-Sep- 4	3 50 9584						0 S V29	C C
GROUND G 05 S ARK UGS	ENGINE ENGINE	NO NA NA		N A N A	NO NO	W E 28	2	6	BA KW	C3 A	24- eb- 28- eb- 9-Aug-	GENES E ORD C 6 OEME OCHE ORD SA ES D	90 2A58 -	2 29-Sep- 3 2 9-Sep- 4 4 5-Oct- 8 2 5-Oct	8404	0 00 96 25 4 86 36 06	3 A NE	ES EECS S EM NO	5 6 HAD HIGH KV A MICUS OM	ERSAES HAS	0 S V52 30 A V29	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		B VBH0 3 B ZBA0	NO NO	W E 7B	2	6	B A KW	C3 A	2-Ma - 3- u - 4- un- 30- un-	V C BALE ORD INCO N 9 BOB SIGH ORD NC 3	3 5 00E 2 2 E 30 3 5 00E 2 2 E 80 3 2029 C 80 3 2029 C		3570	397 7 503 4	A SC	VERI IED CUS OMER O	C DA A ROAD ES RE OR (CQAD ES O VERI RE CHECK E IS CODES O OWED CHECK E IS CODES OR OM NS CHEC RUNS RO IONI OR OUND R SIDE CE29 CUS CON RO CIRCUI BANK SCHECK E	NG NE GH IS S	0 S V29	0 C C
	ENGINE ENGINE	NO NA NA NO NA NA		B KA 004 BEIB 005	NO NO NO NO	W E 98	2	6	B A KW	C3 A	-Sep- 5-Ap - 6- ul-	ENVOORDE ORD NC USKE SA ES SERVICE D 4	90 3 2029 C	2 26-Sep- 3 2 -Oct 2 7-Oct- 4	740	64 05 252 94	2 A MN	ES ED EEC S S EM	CHO INE REDROVE AGGISEE CUS	OMER CONCE S	0 S V29	C C
S ARK UGS	ENGINE EXHAUS	NO NA NA			NO NO	X E 4B	2	6	BA KW	C3 A		USKE SA ES SERVICE D 4	BI 3 2029 C CI 3 5 00E 2 2 B 9 9 472 H	2 7-Oct- 4 2 4-Oct-	9 470	60 9 08 20	12 A NS	900 MIS IRE VERI IED	M SE OR 0 M NS CHEC RUNS RO	DUGHA ID E A	32 A V29	0 C C
CA A IC CONVER ER UEGO SENSOR	CC	NO NA NA		N A N A	NO NO	W E 6B	2	6	BA KW	C3 A	22- ul- 9-Sep- 27- eb- 3-Ma -	REINEKE ORD INCO N INC 8 CRES ORD A ROCK INC 7	3 9 9 472 H	2 29- un- 4	470 3590 2900	534 69 745 7 5 4 34 66	A MI	0030 00 CM HEA ER	CON RO CIRCUI BANK SCHECK E	NG NE GH O S	0 S V29	04 C C
LIEGO SENSOR	C C	NO NA NA		N A N A	NO NO	W E B	2	6	BA KW	C3 A	2 an- 5-Ma - 5-Ap - 3 -May-	OE HA ORD INCO N	3 9 9 472 H	2 29- un- 4 2 7-May- 3 2 7 23- un- 2 8-Aug- 3 0 6- ul- 2 8-Sep- 3 4 8-Sep- 5 2 8-Aug- 6 2 2-Aug- 6	2900	5 4 4575	A ID	CKD CODES 2 98 R	RM N N S H MON ROCUS OM DS SCAN CODE 0640 IN CHECK E DDE 0403 MONI OR IDS CHECK E	ERSAESCHE S	0 S V29	04 C C
UEGO SENSOR UEGO SENSOR	CC	NO NA NA		N A N A	NO NO	X C B	2	6	BA KW	C3 A	3 an- 20-May-	E M ORD INC 6 BOB SWO E ORD INC	3 9 9 472 G 3 9 9 472 G	2 8-Aug- 3	732 6227	5 68 42 77 53 68 27 06	A CA A K	VERI IED CONCNER CO	DE 0403 MONI OR IDS CHECKE	NG NE GH O S	0 S V29	04 C C
UEGO SENSOR UEGO SENSOR	CC	NO NA NA		BEDACO 8 N.A	NO NO	W E 7B W E 9B	2 2	6	BIA KW	C3 A	5-Ap - 2- ul- 22 Ap - 23- un-	GAUDIN ORD ENS O ER ORD NC 3	3 9 9 472 H	0 6- ul- 2 6-Sep- 3	50 3873	55 52 3 0 5 55 52 22 65	2 A NV 8 A MD	CK ENGINE IGH ON	V NEC VEHNOWS AR S OWED I	N NOSAR S NGINE IGH O S	0 S V52	04 C C
UEGO SENSOR UEGO SENSOR	C C	NO NA NA		B 2D0009 N A	NO NO	W E B	2	6	BA KW	C3 A	-Ma - 3-Ap - 22- eb- 0-Ma -	OMEARA ORD CEN ER INC ERR ORD INCO N	3 9 9 472 H	4 8-Sep- 5	4045	57 62 233 26 59 6 204 69	2 A CO	42) UHO2 SENSOR V	EES H27 NO H29 NO RE C IEN S 02 SENSOR AND B OWN CHECK E	A ES HE EN S	0 S V52	04 C C
UEGO SENSOR UEGO SENSOR UEGO SENSOR	CC			BEDA 007 BEDAO0 8			2 2	6	BA KW	C3 A		E C RCUI ORD NCO N EE ORD COUN R	3 9 9 472 H	2 8-Aug- 6 2 2-May- 2	3398	82 35 358 98 48 47 4	310 A C	VERLIER ALSE E	SRI ER CIRCUI E VERI (E29) EN	MONCHECKEN A	0 S V29	04 C C
UEGO SENSOR UEGO SENSOR	C C	NO NA NA			NO NO		2	6	BA KW	C3 A	5-Ap - 2- ul-		3 9 9 472 H	2 2-May- 2 2 2-May- 0	8	48 47 4	3 0 A C 4 A NV 2 A WV 2 A WA	VERI IED CUS OMERS	SRI ER CIRCUI E VERI (E29) EN CE NECC O ER ORM S VEH ON D	DR VE CHEC S	0 S V52	04 C C
CO SENSOR	C C ENGINE	NO NA NA		BC2DW002 B SBZ0 6	NO NO		2	6	BA KW	C3 A	0 an- 23-Ma - 3-May- 20- un-	E KINS ORD AND OWN ORD NCO N	3 9 9 472 G 80 3 2029 C	2 28-Ma - 3 5-Oct- 4	348 4004	25 80 375 20 207 65 385 39	2 A WA	CHECKED EEC S S EN	ZE ES OK CHECK E I AND WAS UANB E O CUS OM	ERSAES HE S	0 S V29	0 C C
CO	ENGINE EXHAUS	NO NA NA		B CAV005 B DS00		W E B	2	6	BA KW	C3 A	4 un- 5-Aug- 23 Ma - 6-Sep-	BA E E D ORD CU E ER 3	BG 3 2029 C				A VA	ROAD ES CE ON RU	I AND WAS UAMB E O CUS OM N O RE ACE BANK 2 CA DE GH R DA A AND RE ES ED R SES IGH X DUE O REVIOUS UE CUS OM O ARK UGS CONCERN CHECK W. R NEW IGNI ON COI S ARE A R	S A S ON S	0 S V29	C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS	NO NA NA			NO NO	W E 9B	2	6	BA KW	C3 A	9-May- 27-Aug- 20 Ma - 27-May-	RAND W SE ORD NC SHENANDOAH ORD INC 6	30 3 2029 C	2 3-Oct- 2	3438	397 7 509 64	A VA	VERI IED CUS OMER O	DUE O REVIOUS UE CUS OM	ERSAES HES	0 S V29	CC
CO	ENGINE ENGINE	NO NA NA NA NO NA NA NA NO NA NA NA NA NO NA NA NA NA NO NA NA NA NO NO NA NA NA NO NO NA NA NA NO NA NA NA NO NA		B CDB008	NO NO	W E 3B	2 2	6	BA KW	C3 A	20 Ma - 27-May- 8- an- 24- ab-	DENN ANDREWS ORD SA ES NC 7	80 3 2029 C 80 2029 80 3 2029 C 80 2029	2 23-Sap- 2 3-Oct- 2 3 0-Oct- 5 4 6-Oct- 8 2 0-Oct- 6 5 30-Sap- 6	558 22982	662 86	2 A M	DS ES NO CODESM	O ARK UGS CONCERN CHECK W	ORMS IRF AN	0 S V52	0 0 0
CO	ENGINE	NO NA NA		N A B 4BW00	NO NO	W E 4B	2	6	B A KW	C3 A	3 Ap - 3-May- 28 Ma - 5-Ap -	BI ARRE ORD INC 7 A MA ORD INC	BG 3 2029 C	2 0-Oct- 6	923	60 9 93 96 75 2 48 7 60 9 95 07	A	ES DROVE WI HIDS	O ARK UGS CONCERN CHECK W. RENEW IGN ON COI S ARE A R. CODE ES DROVE AND R CUS OM 0 E 0430 ES COI NU VERI IER DIAGNOS CS RE ACED CHECK E RE VED CODE 03 6 RAND CHECK E D ROAD ES WEN W D CUS OM	ERS A ES CHE S	0 S V29	CC
CA A IC CONVER ER	ENGINE EXHALIS	NO NA NA		BHACA00 BG D 009	NO NO	W E 8B	2	6	BA KW	C3 A	28 Ma - 5-Ap - 4 Ma - 30-Ap -	A MA ORD INC OWN COUN R ORD E CI 8	D0 3 5 00E 2 2 E	5 30-Sep- 6 2 22-Sep- 5	2373	60 9 95 07 397 7 490 63	IS A C	FR ORMED S S EM I	0 E 0430 ES COI NU VERI IER	NG NE GH O S	0 S V29	MA UNC ION
CO	EXHAUS ENGINE ENGINE	NO NA NA		BG D 009 BH AZ004 N A	NO NO	W E 8B	2	6	B A KW	C3 A	4 Ma - 30-Ap - 26-May- 0-Aug-	G W MOSHER MO ORS D 7 DAR INGS BANGOR ORD 7	80 3 2029 C	2 22-Sep- 5 2 8-Oct- 3			212 A NS	SCAN OR CODES RE	RE VED CODE 03 6 RAND CHECK E	NG NE GH A	32 2 A V29	CC
S ARK UGS	ENGINE			N.A.			2	6	BA KW	C3 A		OE ME OCHE ORD SA ES D W NNE ORD	BC 2029 BC 2	4 4-Oct- 6 5 5-Oct	6622	269 42 439 42 9 7 08	10 A ON	XROAD ES VERI ED F	OWER BA ANCE ES RE OR	ENGINE MISS A	0 S V52	MA UNC ION O C C O C C O C C C O C C C O C C C O C C C O C C C C
S ARK UGS D AG - MIS IRE	ENGINE	NO NA NA		N A		W E 4B	2	6	B A KW	C3 A	9-Aug- 4 Ap - 25-Aug- 2 an- 8- eb-		3 DIAG	5 5-Oct - 2 28-Sep- 2	50	0 00 48 25	A VA	ES A MODU ES CO	O KOUD ES WEN WED COS ON COMMERS ANCE ES RE OR I DOE ASSON A RUN IN CUS OM NES O MONI OR IDS AVERI E A ING NO ER ANDI CHECK I B O CROSSOVER ON REAP C S S A O GROSSOVER ON REAP C S S A	ERS A ESCE S	2 S V52	C C
CO	ENGINE ENGINE	NO NA NA		BHOA700 BIGEC007	NO NO	W E 8B X E 4B	2	6	BA KW	C3 A	28 Ma - 9-Ap -	DU UIS ORD INCO N INC 3 CAM C ARK ORD SA ES D 0	BC 3 2029 C	2 20-Oct- 9 4 6-Sep- 5	893	55 33 44 42 20 38 582 86	0 A ON 5 2 A AB	EEC UICK ES ASS	A ING RO ER AND I CHECK	OR AC UC A	32 A V 7	03 E EC R CA
CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA		B GDZ006 B CAV005	NO NO	W C 5B	2 2	6	BA KW	C3 A	26-May- 30- un- 4 un- 5-Aug-	IRM N ORD INC BA E E D ORD CU E ER 6	BC 3 2029 C	2 26-Sep- 3 2 9-Oct- 3 2 3-Oct- 7 2 9-Oct-	4376 2778 603 2 66	232 59 2 29 84 397 7 448 04	A SC A VA 3 k2 A AB A OK	VER IED CONCERN IDS	O CROSSOVER ON REARC S S A	ES VEHIC E IS S	0 S V29	04 C C
CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA		N A N A	NO NO	W E 6B	2	6	BA KW	C3 A	22- eb- 2 -Ma - 9- ul- 24-Sep-	CI ORD SA ES D 9 RE NO DS ORD O EDMOND C 4	00 3 5 00E 2 2 E 80 3 2029 B 80 3 2029 C 00 3 5 00E 2 2 E	2 3-Oct- 7	603	504 77 746 8 64 05 34 92	3 2 A AB	2580 800 INS A ED	C RE A R N CHECKED AND RE AC E29 CUS	OR HECE S A	3 0 A V29	CC
CO	ENGINE EXHAUS	NO NA NA NO NA NA		B CX022 N A	NO NO	X E 38	2 2	6	BA KW	C3 A		GA EWA MO ORS INC 5 HERI AGE ORD INC	BG 3 2029 B	2 9-Oct- 2	2 66	207 65 378 89 426 2 659 50	2 A V	GO CODES 0300 03	IN CHECKED AND RE AC E29 CUS	NG NE GH IS S	0 S V29	0 00
CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA		N A BH AZ004	NO NO NO NO NO NO		2	6	BA KW	C3 A	6- un-		00 3 5 00E 2 2 E	2 0-Oct- 2 2 30-Sep- 3	2562 3226	426 2 659 50	2 A V 3 A IN	ER ORM IN OIN E	O S EC RE ACED BAN CHECK E S H H 0 AU OU C CHECK E RE VED RANDOM M S RE CHECK E	NG NE GH S	0 S V29	C C
CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA NO NA NA NO NA NA		BE DC004 B CM007		W E B	2	6	BA KW	C3 A	26-May- 0-Aug- 4-Ma - 3 -Ma - 22-Aug- 9-Sep-	G W MOSHER MO ORS D 8 DROU N AU OMOBI ES EE ARK RA IDS ORD	BC 3 2029 C BC 3 2029 B BC 3 2029 C	2 7-Aug- 2 20-Sep- 6	6047	80 57 324 44 569 76 7 6 69 207 65 460 4	2 2 A NS 2 4 A C	X AIN E CON IRMER !	CE AB E COM ARER CHECK E ED IDS CA ED HO NE C S VEH (NG NE A UME A	24 A V29	CC
co	ENGINE			B CM007 BHRBC007		W E 8B	2	6	BA KW	C3 A	4-Ma - 3 -Ma - 22-Aug- 9-Sep- 23-May- 5- un-	ARK RA IDS ORD	BC 3 2029 C	2 20-Sep- 6 9-Oct- 2 9-Sep- 4	9047 2346 5098 275	569 76 7 6 69 207 65 460 4 58.88 78.49	2 4 A C 3 A MN	ES DROVE MONI OR	ED IDS CA ED HO NE C S VEH O	C E SEEMS O S	0 S V40	0 0 0
D AG - MIS IRE	ENGINE ENGINE	NO NA NA		BHBBC007 N A	NO NO	W E 98	2	6	BA KW	C3 A	4-Sep-	OU USZ ORD INC WOODRIDGE ORD INCO N D	BG 3 2029 C BG 3 2029 C BG 2029	2 9-Sep- 4 2 26-Oct	275	58 88 78 49 0 00 254 05	A MO 3 0 A AB	EEC ES 0299	0300 03 6 0304 AND CHECK E	NG NE GH O A	30 A V29	c c
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		N A N A	NO NO	X E 4B W E 7B	2 2	6	BA KW	C3 A	22- ul- 9-Sep- 22 Ap - 8-May-	REINERE ORD INCO N INC. 8	00 3 5 00E 2 2 E	2 25-Oct- 2 2 3-Oct- 5	2 38 7437	397 7 507 6 4 0 74 759 27	A OH 4 A OR	SE ES 0430 MON ROAD ES RE RIFVEI	N ON RE ACE 4 COCUS OM 0300 03 6 0304 AND CHECK E OR IN OIN ES OUNE29 HE I D NK 2 AS ERH 0 R R CUS OM	CHECK ENGINE S ER S A ES HE S	0 S V29	0 0 0
UE N EC OR CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA		BGED4005 N A	NO NO	W E 0B	2	6	B A KW	C3 A	2 un- 30-Sep- 7-Ma - 2-Ap -	BREAMAN MERRI ORD RAME ORD INCO N	3 9 593 B	2 8-Aug- 0 2 7-Oct- 7	0	905 50 653 59 422 68 5 9 83	8 A WI	XRUN DIAGNOS IC ES	S N EC OR HARNESS S CHECK E HERESHO D BANK 2 RE CUS OM	NG NE GH IS S	0 S V29	C C
CA A IC CONVER ER CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS			B MDS00 B UC3009	NO NO NO NO	W E 6B W E 6B	2 2	6	BA KW	C3 A	7-mu - 2-Ap - 26-May- 5- ul-	RAME ORD INCO N HER R CH ORD O EAS ON R -COUN ORD	00 3 5 00E 2 2 E	2 7-Oct- 7 2 -Oct- 4 2 0-Oct-	2873	422 68 5 9 83 589 86 877 34 605 36 859 65	3 A MD 3 A K	DIAG OR CONCERN A	HERESHO D BANK 2 RE ICUS OM ND ME O NS A NEW ENGINE N 040 OHMS RECONN AND CICK ENGIN	MECHANICA R S	0 S V29	0 CC
CA A IC CONVER ER	EXHAUS EXHAUS			B UC3009 B C 008	NO NO	W E 68 W E 78	2	6	BA KW	C3 A	26-May- 5- ul- 0-Aug- 6-Sep-	R - COUN ORD OWNE SA ES AND SERVICE IMI E	00 3 5 00E 2 2 E	2 0-Oct-	2873 635	589 86 877 34 605 36 859 65					0 S V29	C C
D AG - 0430 D AG - 0420	EXHAUS EXHAUS ENGINE	NO NA NA NO NA NA NO NA NA		BG3BC009	NO NO NO NO	W E 3B	2	6	BA KW	C3 A	24-Aug- 20-Sep- 24-May- 27- un- 24 un- 9-Aug-	HUNDER BAS N ORD C ED RUSSE ORD INCO N	3 2A650 3 DIAG	2 24-Oct- 2 2 26-Oct- 5	4562 5785 926	0 00 0 00 0 00 99 70 64 05 5 35	A W	VERI IED CONCERN C	O ENGINE MI ON OUND CHECK E K S EC ES H75 CK OCUS OM	ERS A ESCK S	S V29	CC
CO S ARK LIGS	ENGINE	NO NA NA		N A BH DC003	NO NO	W E 0B	2 2	6	BA KW	C3 A	24 un- 9-Aug- 5-Mov- 24- un-	ED RUSSE ORD INCO N	3 DIAG B0 3 2029 C B0 2405 C0 3 5 00E 2 2 E	2 26-Oct 5 3 -Nov 3 4 25-Oct 5 2 25-Oct 7	926	64 05 5 35 29 3 2 7 40	2 8 4 SF	SCANNED OR CODE	O ENG ME MI ON OUNDICHECKE IS SEC ES H75 CK OCUS OMI OSOG (MEMOR AND ENA ARE ACE A 6 UGS MISSES C EM OCOCES OK CHECKE C H SAND OUND C DEC EAREE FOS AND SENSOR CURRECK ENGINE ES RE R VED CODE 20 IS OUD ENGOR CONFERENCE OF COME MEMOR OF 20 IS OUD ENGOR COME AND 20 IS OUT OF THE AREA COME AND AND 20 IS OUT OF THE AREA COME AND AND 20 IS OUT OF THE AREA COME AND AND 20 IS OUT OF THE AREA COME AND AND 20 IS OUT OF THE AREA COME AND	OCCAS ONA	0 S V52	0 0 0
S ARK UGS CA A IC CONVER ER CA A IC CONVER ER UEGO SENSOR	ENGINE EXHAUS	NO NA NA		BH DC003 N A B C 008	NO NO	X E XB	2	0 6	BA KW	C3 A	5-May- 24- un- 5 MaAp -	DISCOVER ORD SA ES D BOU EVARD ORD- NCO N 2	00 3 5 00E 2 2 E	2 25-Oct- 7	9 0 4788	29 3 2 7 46 397 7 397 7	0 A DE	IDS ES CODE 0430	EM NO CODES OK CHECK E	NG NE GH S	0 S V29	c c
CA A IC CONVER ER UEGO SENSOR	EXHAUS C C	NO NA NA		B C 008 B UC3009	NO NO	W E 7B W E AR	2 2	6	BA KW	C3 A	24-Aug- 20-Sep- 0-Aug- 6-Sep-	OWNE SA ES AND SERVICE IMI E R-COUN ORD	3 9 9 472 G	2 27-Oct- 2 2 29-Oct- 2	490 28 4	700 95 069 0 53 68 08 7 53 68 9 7	5 2 A NB	OUND 2629 ORF F	H S AND OUND O BE C EARED FIDS AND SENSOR CURRECK FINGS	NE AM ISON R	0 S V29	O C C
UEGO SENSOR CA A IC CONVER ER	C C	NO NA NA NA NO NA NA NA NO NA NA NA		N A N A	NO NO	X E 68	2	6	B A KW	C3 A	- u - 26-Aug-	OWNE SA ES AND SERVICE IMI E R-COUN ORD HE OHNSON DEA ERSHI S INC 4 ERRACE O EM ORD SA ES D 2	3 9 9 472 G	2 8-Oct- 2 2 5-Oct- 4	2630 6 80	700 95 069 0 53 68 08 7 53 68 9 7 735 93 406 84	A MA	ER ORMED CM SE	ES RE R VED CODE 2CE IS OF	N CAME ON A 8	0 S V29	04 C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		B CX022	NO NO	W E 9B X E 3B	2 2	6	BA KW	C3 A	4- un- 30- un- 2- un- 2-Sep-	GA EWA MO ORS INC 7	00 3 5 00E 2 2 E	2 8-Oct- 2	2907	397 7 475 54					0 S V29	0 CC
CO	ENGINE ENGINE	NO NA NA		B ZB 006 B 5D 004	NO NO NO NO	W E 6B W E 7B	2	6	BA KW	C3 A	8-May- 24- un- 22 Ap - 8-May-	BEN A KINSON MO ORS INC	B0 3 2029 C	4 26-Oct- 5 2 3 -Oct- 6	2200	207 65 293 34 207 65 400 26	A A 2 A OR	RAN OAS S NO SB S R	AN EEC ES NO CODES FICUS OM CODE 0306 RAN OAS S CUS OM	ERS A ES WH S	0 S V52	C C
CA A IC CONVER ER		NO NA NA NO NA NA		N A	NO NO NO NO	W E 7B	2 2	6	BA KW	C3 A	22 Ap - 8-May- 4-Sep- 9-Oct-	WOODRIDGE ORD INCO N D ED SHER ING ORD INC	30 2405 30 3 5 00E 2 2 E E 30 3 2029 C E 3 9 593 B E 3 24650	2 3 -Oct- 6 2 2-Nov- 3 7-Nov- 4	28	207 65 400 26 504 77 677 52 58 88 4 72	2 A OR 280 A AB A A	EEC ES 0430 I	DA A OGGERMONIOR BCHECKE I ES WIH DS OUND CUS S /	NG NE GHO A	0 S V29 3 0 A V29	o c c
CO	EXHAUS ENGINE			N A N A	NO NO	W C 5B	2	6	B A KW	C3 A	3 un- 25- u-	ED SHER ING ORD INC	BC 3 2029 C	2 2-Nov- 3 7-Nov- 4 2 23-Sep- 8 2 -Nov 4 8-Oct- 2 27-Oct- 7	28 4900	58 88 4 72	A A	CON RMED COM AIN	ES WI H DS OUND CUS S	A ES VEH C E S	0 S V52	C C
UE N EC OR D AG - MIS IRE	ENGINE ENGINE	NO NA NA		N A N A	NO NO	W E 9B	2	6	BA KW	C3 A	8- an- 24- ab- 3-Aug-	DENN ANDREWS ORD SA ES NC RUIDOSO ORD NCO N INC	3 9 593 B	2 23-Sep- 8 2 -Nov	2 82 3 2747 7 26 3447 3 42	2 6 0 78 92 0 00 52 66 827 07 67 07 5 92 580 49	6 12 A AB A NM 4 A ME A GA A VA	CKED CODES OUND	WISED SUS EC N ERM CE20 RE A M S IRE 6 ES ED OUNCK ENG D S SWI CHING 3 5 IME CUS OM IR NO 0 ERA ING RO ECSCHKI	I E AND NOISE S	0 S V29	D C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA		B A60 8	NO NO	X E 9B	2 2	6	B A KW	C3 A	3-Aug- 0-Sep- 23 Ma - 9-Ap -	DAR ING S BANGOR ORD 3 B UE R DGE NOR H GEORGIA ORD	31 3 5 00E 2 2 E	4 6-Oct- 2 27-Oct- 7	2747 7 20	827 07 67 07 5 92 590 40	4 A ME	RD ES MI ON RUNS	S SWI CHING 3 5 IME CUS OM	ERSAESHAS ENGINE IGH S	0 S V52	04 C C
CO CONVER ER	ENGINE	NO NA NA NO NA NA		BI B 00 B 2AR006	NO NO NO NO	W E 3B	2	6	BA KW	C3 A	5-May- 24-May-	OM MASANO ORD NCO N	BC 3 2029 C BC 3 2029 C	2 27-Oct- 7 4 20-Oct- 5	3447	5 92 580 49 62 3 46 9 92 5 340 03	A A	ER ORMS S EM DIA	GNOS IC AND N ON CUS S /	A ES ENGINE S	0 S V52	CC
00	ENGINE ENGINE	NO NA NA		B 2AR006 N A	NO NO	W E 4B	2	6	B A KW	C3 A	4 Ap - 25-Aug- 7-Ma - 28- un-	HA ORD 4 ROSSROADS ORD INCO N MERCUE	BC 3 2029 C	5 4-Nov- 3	3 42 358	92 5 340 03 64 05 3 09	A VA A NC	ER ORMED EEC ES	WAS O D O RE ACECUS S / DI WI H 5 COI AND MISWAS DR 1	A ES N ERMI S	0 S V44	MA UNC ION
D AG - MIS IRE	ENGINE ENGINE	NO NA NA NO NA NA		B 2BD00 N A	NO NO NO NO	W E XB	2	6	BA KW	C3 A C3 A	2 Ap - 28- un- 2 Ap - 9-May- 22 Ap - 23- un-	AKE ORD INCO N ENS O ER ORD NC 4	3 DIAG	4 28-Oct- 6	78	0 00 90 89 64 05 2 00	A A	ES DROVE COU D N	CRUN E85 WE DOWN ENC S HAS U COL S RESS ES AL C S ON A	RED O ASS S	S V52	CC
CO CA A IC CONVER ER	ENGINE	NO NA NA		N A	NO NO	W E 9B	2	6	BA KW BA KW BA KW	C3 A	22 Ap - 23- un-	ENS O ER ORD NC 4	BC 3 2029 C	4 28-Oct- 5	5697	64 05 2 00	8 A MD	C S RANS BUCKING	COI S RESS ES AI C S ON A	CE SEEMS I S	0 S V52	C C
CO	EXHAUS ENGINE	NO NA NA NO NA NA NO NA NA		N A N A	NO NO NO NO	X C B	2	6	BA KW	C3 A	7-Ma - 28- un- 7-Sep- 30-Sep-	ROSSROADS ORD INCO N MERCUE NOR HSIDE ORD INCO N	BC 3 2029 C BC 3 2029 C	4 4-Nov- 2	3848 673	397 7 487 62 63 09 94 96	2 A I	HOOKED U VEHIC E F	CRUN ESS WE DOWN EN C S HAS N COI S RESS ES AI C S ON AI D SE ES RE REIVED CUS OM N COI S AI C S ON AI D COI S AI C S ON AI D COI S AI C S ON AI C S ON AI N C S ON AI C S	A ES WHEN AC S	0 S V52	č č
UEGO SENSOR	CC	NO NA NA		N A	NO NO	X C B	2	6	BIA KW	C3 A	7-Sep- 30-Sep-	NOR HSIDE ORD INCO N	G 9 9 472 G	2 4-Nov- 2	673	57 5 80 78	101.114	OUND CODE N MEMO	R WHI E OOKING A EN CHECK E	NG NE GH IS S	0 S V29	CC

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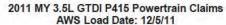
2011 MY P415 Powertrain Claims

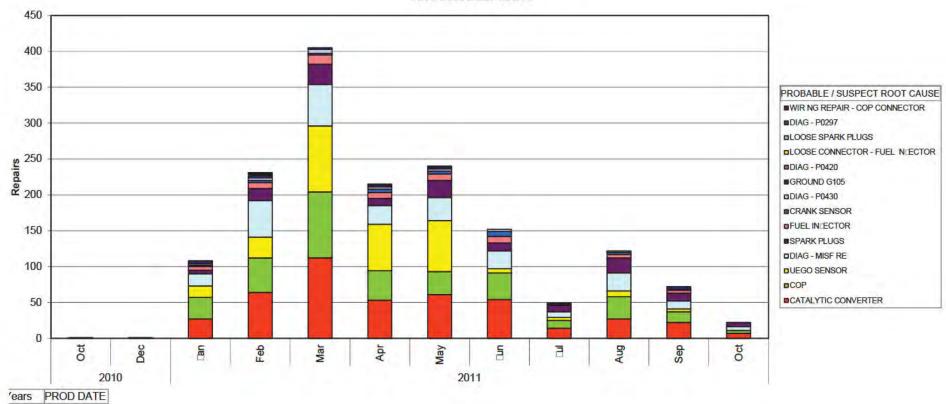
A T YA	ATVT	WTA	,		TAT	Υ.	AV	TA T	v		П	Ш		A.	.,	AT	MA A.T.		Ш	A.					T A	T TA	Ш	TAT	T 40 T	1	MM Y		4 44 1	AT		Ш	AN
DAG-MIS IRE	ENGINE	NO.	N/	A NA		NA	MO	HO	W E 98	2	a l	A	KW 1	CS A	3	Mag-		RUIDOSO CRD NOON INC	1 5	2A050	2 -740		3		0.00	22 04		A NM	RAN DOOMS CKED	WR BA	CUND 4 MS	RECK EN	G I E ON ID ES	A S G	S V46	Tel I	0.0
D AG - NES IRE	ENGINE	NO.	14.4	A. NA		NA.	NO:	NO	WES		a I	A	KW	A ES	7	465 -	2-Ap -	RAME ORD INDO N	1 1	2A860	44 746	16- B	220	42	0.00	22.42	6	WW	DE CODES 1000 (DOM MIT IN	COOK MESS	NCSW	HENA EM IN	S 6 6	S 1982	10	0.0
CA.A. IC CONNER ER	EXHAUS	NO.	N.	A NA		NA.	NO.	NO.	W E 40	- 1	9.	ALC:	HW	CS A	- 5	Ab-	26-Ac -	SOMA ALL ONDOL ETHO:	1.5	5 00E 2 2 E	2 4 No	P. T	660	16.	602.28	519 B	14	C .	VERLIER CODE AVE	C DE COOR	DANG WERE	EMPLER!	ER LIMEREIKO	A 2 10	A 1/29	10.	0.0
AG - 0430	COME	NO.	N.	A NA		NA.	140	NO	W E 40.	1	0 1	A	KW	CS A	8-	ab-	29-Ap -	SOMA AU OMOSI E INC.	100	DMG	25-0			4	0.00	844	854		ESSAE ROU ER DO	IN ENDEME	N MAD CHE	CK MER	ER LIMETE DE	G A24	A V26	164	CC
TRANK SENSOR	0.0	NO.	N/A	A HA		h 28 000	760	HO	W E GO	2	9 1	A	NW.	C2 A		May-	24 10-	BEN A KINSON MO ORS INC	100	BOD 5 A	3 D-Mc	M- 6	37	90	70.0	5 76	9 11	A	RAN CAS S NO SE	MESOR	RE ACEDS	SER CUG (CHERS A SINA	16 0	S VMU	101	0.0
AG-MS RE	DIGNE	NO.	N/	N. N.A.		DK BODDS	NO.	NO.	W E SR	2	a l	A	KW	CS A		un-	30- un-	ERRACE O EM ORDISA ES D	1 2	20506	2 6-64	s- 5	746	99	0.00	88 80	7	A BC	VERI 60 CONCERN	SCA HAND	A ACCE /	AB RE A	R. OR ENGINE'S	A 7	A VISI	10	0.0
A A IC CONVER ER	EGIALS	NO.	14.4	A. NA		NA.	NO	NO.	W E GB	- 1	0 1	A	KW	A A	27	- ab-	3444 -	CRES ORD A ROCK NO.	9	5 00E 2 2 E	8-No	. 9	76	E) .	00m 7	239 44	2	M	CHECK ENGINE 100	IS RANG	CROSSAS MI	ER COLS	KENG NE SH	G 6 6	\$ V38		CC
AG-MS RE	ENGINE	NO.	N.	A NA		HA.	NO-	NO.	W.E.OB	- 1	9. 1	A.	NW.	C3 . A	24	ille.	9-849-	EDRUSSE ORD INCO N	l a	N.	25/4		3.3	29	0.00	36.96		. N	NO CODES. NO MOS	E G AGA W	WHEN X BEO	CM A		6 2	S Van	6 1	RANSMESSION
890 SENSOR	6.0	NO	10.0	A NA		BAGJA70 2	NO	HO	X E min	2	9 1	A T	KW	CS A		- 1 -	26-Aug-	HE CHRISON DEA ERSH S INC	2 3	9 402 6	25.44		340		53 do	22 36		MA	ER CRMED OM S	ES A	NO RESE KA	W CE O	H CAME ON W	6 5 6	5 V29	6	C C
AG - MS RE IIGO SENSOR IIGO SENSOR	0.0	MO	Pk.I	A PLA		NA	140	NO:	W E SE	1		A.	NW	CO A	25	- 6	2.444-	CI ORD SA ES D	0 a 1	9 472 6	26-56	- 0	207	04	87.95	55.09	101	A AR	334 7 800 IND A 1	D NOK. OR	C 000 B E 94	SM RE A	R OR HEGE	S A 5 cs	A VSS	0	0.0

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NGINE CODETRANS CODE ASSY PLANT PART NUMBER BASEVEG CODE

count of VIN





Mi□e Steslic□i (313) 805-9888

ENGINE CODE	(All)
TRANS CODE	(AII)
ASSY PLANT	(AII)
PART NUMBER BASE	(AII)
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					
	17	5					
	51	17					
	58	28					
	26	10					
	32	24					
	25	11					
	8	9					
	25	21					
	11	11					
	5	6					
	258	143					

-							
FUEL IN ECTOR	CRANK SENSOR						
	5	2					
	8	3					
	13	2					
	8	5					
	9	4					
	9	7					
	2						
	5	3					
	4						
	63	26					

DIAG - P0430	GROUND G105	
	2	4
	4	3
	6	2
	3	3
	3	3
	3	
		1
	2	
	1	4
	24	20

DIAG - P0420	LOOSE CONNECTOR	R - FUEL IN ECTOR
	1	1
	1	ı
	1	
	2	1

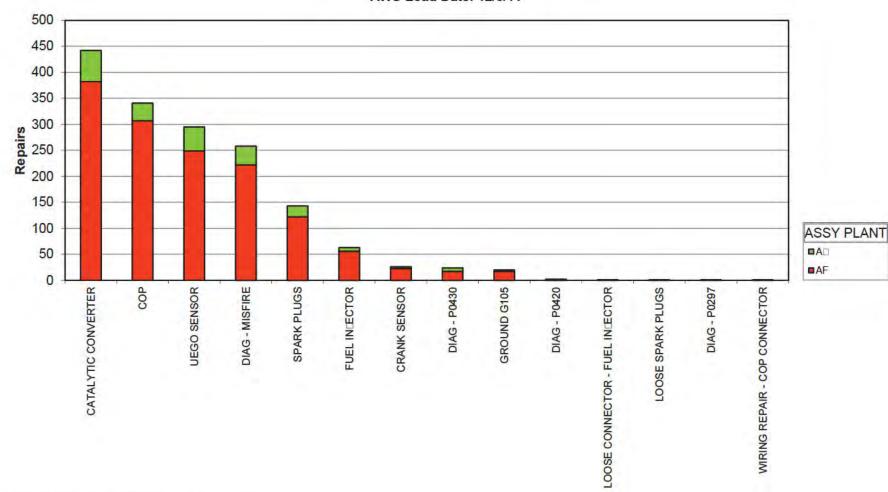
LOOSE SPARK PLUGS	DIAG - P0297	
		1
	1	
	1	1

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

ENGINE CODETRANS CODEPART NUMBER BASEVEG 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 e Steslic i (313) 805-9888

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

Count of VIN	ASSY PLANT		
PROBABLE / SUSPECT ROOT CAUSE	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

1FTFW1ET0BF	CATALYTIC CONV	I EXHAUST	YES	YES	Submitted	N/A
1FTFW1ET0BF	CATALYTIC CONV	I EXHAUST	NO	N/A	N/A	N/A
1FTFW1ET0BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	BIZBZ005
1FTFW1ET0BF	COP	ENGINE	NO	N/A	N/A	BIZBZ005
1FTFX1ET5BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	N/A
1FTFX1ET5BF	COP	ENGINE	NO	N/A	N/A	N/A

1FTFX1ET5BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	N/A
1FTFX1ET5BF	UEGO SENSOR	PT C C	NO	N/A	N/A	N/A

FAV	DEALER CMO	DEL YEVIN	Repeat Co LA	BOR CCVEHICLE L
NO	NO	2011 1FTFW1ET0BF	4	181.63 T/F6
NO	NO	2011 1FTFW1ET0BF	4	150.24 T/F6
NO	NO	2011 1FTFW1ET0BF	4	68.28 T/F6
NO	NO	2011 1FTFW1ET0BF	4	161.7 T/F6
NO	NO	2011 1FTFX1ET5BF	4	19.4 T/F6
NO	NO	2011 1FTFX1ET5BF	4	58.19 T/F6

NO	NO	2011 1FTFX1ET5BF	4	33.71 T/F6
NO	NO	2011 1FTFX1ET5BF	4	61.8 T/F6

MARKET [BODY STYVERSION DRIVE CO ENGINE C TRANS CCASSY PLA PROD DATWARRANT

F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40556	40581
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40556	40581
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40556	40581
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40556	40581
F	T/BD	T/AM	T/E	T/KW	T/C3	AF	40624	40661
F	T/BD	T/AM	T/E	T/KW	T/C3	AF	40624	40661
•	., 20	177 3171	.,_	.,	., 55		.0021	.5551

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

DEALERSI RO NUMB PHONE WCC COD PART NUMPART NUMPART NUMCCC CODI COND COI

DES ARDI 16744401	4C03	BL3Z	5E 212 E	E29	42
BOUCHAR 12232801	7224388 2B03	CYFS	12 Y3	E29	95
BOUCHAR 12394701	7224388 2G04		DIAG	E29	42
BEAUCE A 11420402	7749801 2B02	BL3Z	12029 C	D36	42
COREY FC 218287A	3288828 2G02		12A648	E29	42
COREY FC 218616A	3288828 2B02	BL3Z	12029 B	E29	42

VIOLETTE	742601	4731770 1A03		600	06	E29	82
VIOLETTE	667701	4731770 2G02	8F9Z	9F472	Н	E29	42

REPAIR D TIS CLAIM KE' MILEAGE MATERIAL TOTAL COLABOR HCDEALER CDEALER S

40689	9 4	544045	8791	504.77	686.4	1.6 B2425
40764	4 7	794508	15505	525.24	675.49	2.2 B2519
40809	9 8	1213274	20017	0	68.28	1 B2519
40812	2 8	1245635	20275	180.57	342.27	1.8 A2498
40773	3 4	843750	9305	0	19.4	0.3 B3307
40786	5 5	1153994	10569	60.19	118.38	0.9 B3307

40763	4	1213365	8466	0	33.71	0.6 B3238
40703	2	563428	2653	76.93	138.72	1.1 B3238

REGIO	N C STATE / C		TECH COMMENTS 1 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
NA	С	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
NA	С	615	FAIRE TEST CODE P0306 MISSFIRE INTERMITTENT PAS PRESENT VERI FIER OASIS BOUGIE A ETE DE A REMPLACER PCED PIN POINT TESTHD PAS DE COIL ON PLUG EN S
			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,
NA NA	C		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 LATEST CALIBRATION.
IVA	IND	31403	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
NA	NB	03XXXX	COIL AND FOUND

		CHECKED FOR CHK ENGINE
		LIGHT.HOOKED UP IDS AND FOUND
		CODE P0303,CYLINDER 3
		MISSFIRE.ERASED CODE,CHECKED
		FOR SSM AND TSBS AND NONE
		FOUND.RDTEST TO ATTEMPT TO
		DUPLICATE CUSTOMER S
NA	NB	30100 CONCERN,ALL OK AT TH
		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
NA	NB	31403 AT 0 . DID PINPOINT TEST,DZ1,

TEMOIN CHECK ENGINE ALUME (E29) CODE CATALYSEUR. CLIENT EN

PANNE. CAN

CHANGER CATALYSEUR GAUCHE DEFAIT REPROGRAMMER PCM SELON TSB 11 7 20 EFFACER CODE TEST

TSB 11 7 20 EFFACER CODE TEST CHECK ENGIN ALLUME ET MAN UE SUR ROUTE OK DE PUISSANCE (E29)

418 CAN

CHECK ENGINE ALLUME 418 CAN

105 ET RESSERRER ET
REMPLACER COIL ET BOUGIES COTE
GAUCHE ESSAIE PROBLEME NON
PRESENT. AT TIME VERF. ET
SERRER GROUND G105

MOTEUR SEMBLE MAN UE EN ACCELERANT EN PARTANT (D36) 418 CAN

DRIVING ALONG VEHICLE STARTED MISSING BAD AND THE CHECK ENGINE LIGHT WAS FLASHING VERY FAST CHECK

506 CAN

CARBON TRACKS NECESSARY TO REPLACE THE COIL AND PLUG RETESTED OK NOW.

CHECK ENGINE LIGHT COMING ON AT TIMES AND TRUCK DOES NOT WORK WELL WHEN LIGHT IS ON...

506 CAN

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 CHK WHY ENGINE LIGHT IS ON AND **DUPLICA**

ENGINE MISSES.

506 CAN

DZ2,DZ12 AND DZ14.FOUND OXYGEN SENSOR AT FAULT.MUST REPLACE.REMOVED AND REPLACED 2 DAYS,BUT TODAY WHEN OXYGEN SENSOR.CLEARED CODE, RDTEST AND RECHK, ALL OK NOW.

CHK FOR ENGINE LIGHT WAS ON FOR CUSTOMER STARTED VEHICLE, THE CHK ENGINE LIGHT IS NOT ON ANYMORE.

506 CAN

SALES DE TRANSAC COUNTRY RT CODEVEG CODEAWS VEHI VRT CODETIS FLAG CLAIM BIN

4B2425	S07	CAN	V29	F6	F04	PT C C
4B2425	E84	CAN	V29	F6	F04	PT C C
4B2425	E84	CAN	V29	F6	F04	PT C C
4B2425	E84	CAN	V52	F6	F04	PT C C
4B3817		2 CAN	V29	F6	F04	PT C C
4B3817		2 CAN	V29	F6	F04	PT C C

4B3817	2 CAN	V29	F6	F04	PT C C
.=					
4B3817	2 CAN	V29	F6	F04	PT C C

NED FUNCTION

VIN	PROBABLILEAD RESEWRT F	PAFRETURN	NE STATUS	GC□IS RE
1FTFX1ET6BF	DIAG - MISENGINE NO	N/A	N/A	N/A
1FTFX1ET6BF	DIAG - P04 EXHAUST NO	N/A	N/A	BIOBV004
1FTFX1ET6BF	CATALYTI EXHAUST NO	N/A	N/A	BIOBV004

1FTFX1ET5BF	CATALYTI EXHAUST NO	N/A	N/A	BH□E2003
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1FTFX1ET5BF	COP	ENGINE NO	N/A	N/A	BH□E2003
1FTFX1CT1BF	DIAG - F	P04 EXHAUST NO	N/A	N/A	N/A
1FTFX1CT1BF	UEGO S	SEMPT COC NO	N/A	N/A	N/A

1FTFX1CT1BF	CATALYTI EXHAUST NO	N/A	N/A	N/A
1FTFW1ET9BK	DIAG - P04 EXHAUST NO	N/A	N/A	N/A
II II WILIBBR	DIAG-10-EXHAUST NO	N/A	IVA	N/A
1FTFW1ET9BK	UEGO SEI PT C⊡C NO	N/A	N/A	B □ A3009
1FTFW1ET9BK	CATALYTI EXHAUST NO	N/A	N/A	B □ A3009
1FTFW1ET9BF	DIAG - MIS ENGINE NO	N/A	N/A	BI4BE003

CATALY	TI EXHAUST NO	N/A	N/A	BI4BE003
COP	ENGINE NO	N/A	N/A	BI4BE003
		CATALYTI EXHAUST NO COP ENGINE NO		

1FTFW1ET9BF	CATALYTI EXHAUST YES	YES	Submitted BEDCG01
1FTFW1ET9BF	CATALYTI EXHAUST YES	YES	Part tagger BEDCG01

1FTFW1ET9BF	CATALYTI EXHAUST N	IO N/A	N/A	BEDCG01
1FTFW1ET7BF	SPARK PLENGINE N	IO N/A	N/A	BKHE3004
1FTFW1ET7BF	GROUND ENGINE N	IO N/A	N/A	BKHE3004
1FTFW1ET7BF	FUEL IN Œ ENGINE N	IO N/A	N/A	BKHE3004
1FTFW1ET7BF	UEGO SENPT C□C N	IO N/A	N/A	N/A

1FTFW1ET7BF	UEGO SENPT C□C NO	N/A	N/A	N/A	
1FTFW1ET7BF	UEGO SENPT C□C NO	N/A	N/A	N/A	
1FTFW1ET1BF	DIAG - P04 EXHAUST NO	N/A	N/A	N/A	

DIAG - MISENGINE NO

N/A

N/A

BFIAF003

1FTFW1ET1BF

1FTFW1ET1BF	CATALYTI EXHAUST NO	N/A	N/A	BFIAF003
1FTFW1ET0BF	CATALYTI EXHAUST NO	N/A	N/A	N/A
1FTFW1ET0BF	COP ENGINE NO	N/A	N/A	BGVC7008
1FTFW1ET0BF	DIAG - MIS ENGINE NO	N/A	N/A	BGVC7008

FAV	DEALER	C MODEL YE VIN	Repeat Co LABOR CC VEHICLE I
NO	NO	2011 1FTFX1ET6BF	3 93.47 T/F6
NO	NO	2011 1FTFX1ET6BF	3 59.48 T/F6
NO	NO	2011 1FTFX1ET6BF	3 161.44 T/F6

YES NO

2011 1FTFX1ET5BF

3 106.17 T/F6

NO	NO	2011 1FTFX1ET5BF	3	185.38 T/F6
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NO	NO	2011 1FTFX1ET5BF	3 339.74 T/F6
NO	NO	2011 1FTFX1CT1BF	3 0 T/F6
NO	NO	2011 1FTFX1CT1BF	3 87.02 T/F6

NO	NO	2011 1FTFX1CT1BF	3 208.86 T	/F6
NO	NO	2011 1FTFW1ET9BK	3 47.12 T	/F6
NO	NO	2011 1FTFW1ET9BK	3 109.94 T	/F6
NO	NO	2011 1FTFW1ET9BK	3 119.26 T	/F6
NO	NO	2011 1FTFW1ET9BF	3 53.35 T	/F6

NO	NO	2011 1FTFW1ET9BF	3	213.39 T/F6
NO	NO	2011 1FTFW1ET9BF	3	48.01 T/F6

NO	NO	2011 1FTFW1ET9BF	3	181.7 T/F6
NO	NO	2011 1FTFW1ET9BF	3	284.4 T/F6

NO	NO	2011 1FTFW1ET9BF	3 293.52 T/F6
NO	NO	2011 1FTFW1ET7BF	3 103.7 T/F6
NO	NO	2011 1FTFW1ET7BF	3 435.58 T/F6
NO	NO	2011 1FTFW1ET7BF	3 414.83 T/F6
NO	NO	2011 1FTFW1ET7BF	3 61.28 T/F6

NO	NO	2011 1FTFW1ET7BF	3	68.94 T/F6
NO	NO	2011 1FTFW1ET7BF	3	71.13 T/F6
YES	NO	2011 1FTFW1ET1BF	3	73.43 T/F6
YES	NO	2011 1FTFW1ET1BF	3	86.61 T/F6

NO	NO	2011 1FTFW1ET1BF	3	205.7 T/F6
YES	NO	2011 1FTFW1ET0BF	3	245.4 T/F6
NO	NO	2011 1FTFW1ET0BF	3	176.05 T/F6
NO	NO	2011 1FTFW1ET0BF	3	48.01 T/F6

Ν	//ARKET	[BODY ST	YVERSION	DRIVE CO	DENGINE (C TRANS C	CASSY PLA PF	ROD DATW <i>i</i>	ARRANT
F	:	T/BD	T/AM	T/E	T/KW	T/C3	AF	40681	40739
Ì		1,22	1,7	.,_	.,	.,00	,	10001	10700
_		T/DD	T/A.B.4	T/	T/IZ/A/	T/00	٨٥	40004	40700
F		T/BD	T/AM	T/E	T/KW	T/C3	AF	40681	40739
_		T/DD	T/0.04	T /F	T/104/	T/00	.=	10001	40700
F		T/BD	T/AM	T/E	T/KW	T/C3	AF	40681	40739

T/BD

F

T/AM

T/E

T/KW

T/C3

AF

40625

F	T/BD	T/AM	T/E	T/KW	T/C3	AF	40625	40663

T/KW

T/KW

T/KW

T/C3

AF

AF

AF

T/C3

T/C3

40625

40596

40596

40673

40673

40663

F

T/BD

T/BD

T/BD

T/AM

T/AM

T/B

T/B

T/E

T/AM

F	T/BD	T/AM	T/B	T/KW	T/C3	AF	40596	40673
		_,,,,						
F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
_								
F	T/BC	T/AM	T/E	T/KW	T/C3	A	40610	40641
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703

F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40674	40703
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623

F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40604	40623
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
_	T/DC	T / A N A	⊤ /⊏	T/I/\\/	T/C2	۸۲	40727	40777
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40727	40777
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670

F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40654	40670
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624

F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40610	40624
	1/60	T/AIVI	1/E	1/rvv	1/03	Al	40010	40024
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665
F	T/BC	T/AM	T/E	T/KW	T/C3	AF	40650	40665

DEALERSIF	RO NUMB I	PHONE	WCC COL	PART NUI	PART NUNPAR	RT NUI	CCC COD	ICOND CO)
MUHLENB	5097201	4592154	2G04		DIAG		E29	82	!
MUHLENB	5100601	4592154	2G04		DIAG		E29	82	<u>></u>
MUHLENB	5106701	4592154	4C03	BL3Z	5E 212 E		E29	42)

SARAT FC 35262701 7860430 2B03 CYFS 12 Y3 E29

42

PLACE MC 24091201	9438012 2B02	BL3Z	12029 B	D36	28
ROSE CIT 42003901	9487800 2G01		12A650	E29	42
	0.0.000 =00.		,		
LALLY SAI 031498A	6103673 2G02		9F472	E29	42

LALLY SAI 031541A	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
TUSKET S 178599A	6482600 2B02	BL3Z	12029 C	D42	D4	
BOB SWO 7711801	4C03	BL3Z	5E 212 F	E29		42
BOB SWO 7755401	4C03	BL3Z	5E 212 F	E29		42

BOB SWO	7810001	4C03	BL3Z	5E 212	2 E	E29	42
TUTTLE C	8828901	2407000 2B03		12405	5	E29	42
TUTTLE C	9305701	2407000 7S06		12A581		D42	42
TUTTLE C	8917801	2407000	2000 BL3Z	9F593	В	E29	42
OHN NOF	6733601	3431700 2G02	8F9Z	9F472	Н	D50	42

OHN NOF	6738501	3431700 2G02	8F9Z	9F472	Н	D50	42
OUN NOT	7000504	2424700 2002	0507	05470		DEO	40
OHN NOF	7082501	3431700 2G02	8F9Z	9F472	Н	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`MIL	EAGE M	ATERIALTO	OTAL COLA	BOR HCDE	ALER CDEALER	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	

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	
	_						
40856	7	1621248	11747	0	0	0 B8401	
40863	7	1673135	12051	97.53	184.54	1 B8094	

40865	7	1704273	12152	939.89	1148.75	2.4 B8094	
40795	6	1060843	7789	0	47.12	0.6 B1702	
40828	7	1398345	8148	97.53	207.46	1.4 B1702	
40861	8	1737876	9113	249.93	369.19	1.9 B1718	
70001	0	1101010	3113	2-10.00	555.19	1.3 517 10	
40816	4	1256343	7078	0	53.35	1 B3225	

40819	4	1331550	7860	685.34	898.73	4 B32	225	
40871					228.58	0.9 B32		
40071	0	1730377	11103	160.37	220.30	0.9 632	223	
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	
40850	3	1642198	9226	5.17	108.87	1	8700	
40868	4	1796332	9887	58.88	494.46	4.2	8700	
40854	3	1821885	9395	176.65	861.48	4	8700	
40673	1	474432	184	51.41	112.69	0.8	5076	

40674	1	555175	185	51.41	120.35	0.9	5076	
40749	3	756889	3402	55.52	126.65	0.9	5076	
40676	2	471688	2525	0	73.43	0.7	20686	
40702	3	634789	3611	0	86.61	0.8	20686	

40771	5	1002449	6908	836.89	1042.59	1.9 20686	
40771	o o	1002-110	0000	000.00	1042.00	1.0 20000	
40693	1	568806	1280	520.38	765.79	4.6 B3225	
40766	4	818637	3244	60.19	236.24	3.3 B3225	
40829	6	1371579	5775	0	48.01	0.9 B3225	

REGION	N C STATE /	P CPSC COI	TECH COMMENTS 1	TECH COMMENTS 2
NA	VA	615	ES AT TIMES. CHECKED FAULT CODES. PO305. PER FORMED POWER BALANCE, RELATIVE COMPRESSION AND MISFIRETESTS. PASSED. ROAD TESTED AND CO COULD NOT DUPLI CTE CONCERN. CHECKED MODE 6 DATA AND SHOWED MISFIR	REROAD TESTED WITH IDS MONITORING MISFIRES. NO MISFIRES. LET CUSTOMER TRY AND SEE IF CON CERN
NA	VA	615	CYCLE AND CATALYST SYSTEM EVAL. PASSED.	
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
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	ARK PLUGS AND THREE IGNITION COILS. HAD VEHICLE DRIVEN 20 MORE MILES, ALL APPEARS OK AT THIS TIME. TECH CLOCKED 2.2 HRS FOR DIAG AND TIME WITH HOTLINE. CLOCKED 1.5 HRS. FOR REPAIR. NEED MTIME TO REPLA

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 PO306. CHECK FOR TSBS OR SSMS, NONE FOUND.FOLLOW PCED PINPOINT TEST HD. PERFORM RELATIVE COMPRESSION T	AND HIGH PRESSURE FUEL
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 19405 CHECKED FOR CODES P0430.KOEO,KOER,PID TEST. BCE TEST.	ICLE ALL OK
NA	ON	31403	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 NA	ON	CLEARED INSPECT FOR CK ENG LITE ON COMPUTER TEST CODE P0430 REF SSM 21925 INSPECT FOR WIRE CHAFING NONE FOUND ERASE CODE RETESTED	KAM. OK NOW.
NA NA	ON	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 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	
NA	ON	AND INSPECT PLUGS PER E 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 RE UEST CHECKED GROUND 105 AND CHECKED ALL COILS AND PLU	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	30702	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
			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	O USE MTIME O SLTS OPERATION
NA	KY	90201	REPLACED FUEL PUMP RECHECK PASS MTIME N	AVAILABLE FOR CAT CONVERTORS

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

O2 SENSOR AND RETEST

NA KS 31403 OK

INSTALLED NEW O2 SENSOR AND CLEARED

NA	KS	SENSOR AND CLEARED 31403 CODES RETEST OK
NA	N	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 13 805 4908 LOG MODE T SYSTEM ALL PASS IF 6,DONT CLEAR CALL 615 COMES BACK CALL KEVIN 3 KEVIN
		PERFORMED DIAGNOSIS CALLED KEVIN AT FORD ENGINEERING,PERFORMED POWER BALANCE,MISFIRE TEST,ROADTEST MONITOR,SENT RECORDINGS TO ENGINEER,WAS INSTRUCTED TO REPLACE BANK 2 CAT CONVERTOR,BANK 2 PARTS ARE ON BACK ORDER AND SHOULD BE AVAILABLE IN ULY WILL CALL CUSTOMER TO
NA	N	615 COILS, 1 CO 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
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	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 BANK 2 WAS REMOVING FUEL REALITIVE
NA	NS	03XXXX	PENDING CODE CH 9295 EEC TESTED NO CODES CHECKED OASIS NO MESSAGES CHECKED MODE 6 AND MODE 9 DATA AND RECORDED SENT ALL INFORMATION TO HOTLINE	COMPRESSION
NA	NS	615	9011	

CUSTOMER COMMENTS	AREA COLCOUNTRY	SALES DE TRANS	SAC COUNTRY	RT CODEVFG CODE
CHECK ENGINE LIGHT CAME ON, FLASHED, THEN WEN SPUTTERING. THEN IT WENT OFF AND SEEMED TO BE OK. CHECKED FOR CK ENGINE LIGHT FLASHING AND MISS	540 USA	127470	1 USA	V29
CHECK ENGINE LIGHT CAME ON, FLASHED, THEN WEN SEEMED TO BE RUNNING FINE RAN KOEO TEST P0430 CATALYST SYSTEM EFFICIEN CY BANK 2.TEST DROBE AND RAN THROUGH OBD DRIE		127470	1 USA	V29
CHECK ENGINE LIGHT IS ON AGAIN CHECKED FOR CK ENGINE LIGHT ON. CHECKED FAULT CODES. PO430. CATALYST EFFICIENCY ON BANK 2. PAST VISIT HAD MISFIRE CODE. CONTACTED HOT	540 USA	127470 S07	USA	V29

ENGINE LIGHT WAS ON				
HAD NO POWER ADVISE	413 USA	111454	2 USA	V29

CHECK ENGINE LIGHT ON, DIAGNOSE AND ADVISE. SEEMS TO BE RUNNING OK

413 USA

111454 S07

USA

V29

CUSTOMER STATES AS GOING DOWN THE HIGHWAY TRUCK WILL HAVE NO POWER AND START TO BUCK, CHECK

AND ADV 508 USA 111454 S07 USA V52 CHECK AND REPORT CHECK ENGINE LIGHT ON STEADY 519 CAN 4B8401 S07 CAN V29 REPORT ON MIL () ON 1.4 119.95 888 CAN 4B8401 2 CAN V29

REPORT ON MIL () ON 1.4 119.95	888 CAN	4B8401	S07	CAN	V29
ENGINE CHECK ENGINE LIGHT ON	613 CAN	4B2482		2 CAN	V29
ENGINE OUE OF ENGINE					
ENGINE CHECK ENGINE LIGHT ON	613 CAN	4B2482		2 CAN	V29
CHECK ENGINE LIGHT ON					
REPAIR CHECK EGINE LIGHT IS ON.	613 CAN	4B2482	S07	CAN	V29
ENGINE LIGHT COMING ON, ENGINE SKIPS.	902 CAN	4B3225		1 CAN	V29

TOWED IN CHECK ENGINE LIGHT ON NO POWER	902 CAN	4B3225	1 CAN	V29
ENGINE SKIP AT TIMES. COLD AND HOT	902 CAN	4B3225	1 CAN	V52
CHECK ENGINE LIGHT ON	USA	147050 S07	USA	V29

USA 147050 S07 USA

CHECK ENGINE LIGHT ON

V29

CHECK ENGINE LIGHT ON	USA	147050 S07	USA	V29
CUSTOMER STATES CHECK ENGINE LIGHT IS ON, LIGHT WAS FLASHING MOTOR FEELS LIKE IT HAS A VIBRATION AROUND 60MPH, CHECK AND ADVISE	949 USA	171089 S07	USA	V29
CUSTOMER STATES CHECK ENGINE LIGHT IS ON, VEHICLE IS RUNNING ROUGH, CUSTOMER HAS BEEN IN FOR SAME CONCERN ON RO 89178 AND RO 88289, PLEASE ADVISE	949 USA	171089 S07	USA	V52
CUSTOMER STATES CHECK ENGINE LIGHT IS ILLUMINATED, LIGHT IS FLASHING, CUSTOMER WAS IN FOR CHECK ENGINE LIGHT ON RO 88289 AT 9227 MILES ON 11 3 11 WHEN ONE SPARK PLUG WAS REPLACED, CHECK AN	949 USA	171089 S07	USA	V29
CHECK ENGINE LIGHT ON. CK/ADV IDS HOOK UP PO131, PO640, P1646. PREFORMED PMI IN PCM PER CODE DESCRIPTION. RETEST OK AT THIS TIME	620 USA	153201 S07	USA	V44

CHECK ENGINE LIGHT ON. CK/ADV CONFIRMED CONCERN. IDS HOOK UP FOUND CODE PO131. PINPOINT TEST D22 NO. D212 YES D213 YES. D214 NO, D217 YES. FOUND FAULTY CHECK ENGINE LIGHT ON. CK/ADV CONFIRMED CONCERN. IDS HOOK UP FOUND CODE P2237. PINPOINT TEST D21 YES, DZ2 NO, DZ18 YES. FOUNND FAULTY O2	620 USA	153201 S07	USA	V44
SENSOR.	620 USA	153201 S07	USA	V44
CUSTOMER STATES CHECK ENGINE LIGHT IS ON NO DRIVABILITY CONCERNS	201 USA	113158	1 USA	V29
CHECK ENGINE LIGHT IS ON SEE NOTES IN HISTORY	201 USA	113158	1 USA	V29

CUSTOMER STATES CHECK ENGINE LIGHT IS ON INSTALL SOP PARTS	201 USA	113158 S07	USA	V29
CHECK ENGINE LIGHT ON NOT BOOSTING	902 CAN	4B3225 S07	CAN	V29
NO POWER SKIPS UNDER HARD ACCEL OR UNDER LOAD PULLING 2000 LBS TRAILER ALSO VERY POOR FUEL ECONOMY PULLING TRAILER	902 CAN	4B3225	1 CAN	V29
CHECK ENGIUNE LIGHT NOT ON SKIP ON HARD ACCEL NO POWER	902 CAN	4B3225	1 CAN	V29

AWS VEH	I VRT CODETIS FLAG	CLAIM BINNED FUNCTION
F6	F04	PT C C
F6	F04	PT C C

PT C C

PT C C

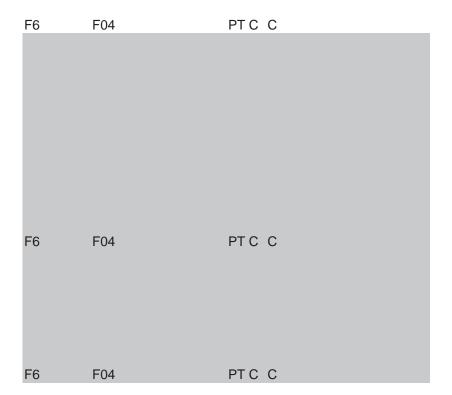
F6

F6

F04

F04

F6 F04 PT C C



F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C

PT C C

F6

F04

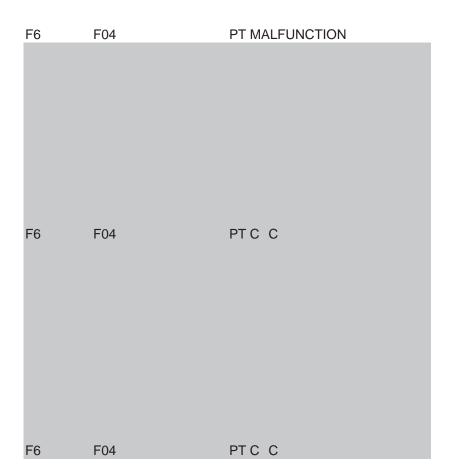
F6	F04	PT C C	
F6	F04	PT C C	

F6 F04 PT C C

F6 F04 PT C C

F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C
F6	F04	PT C C

F6 F04 PT MALFUNCTION



F6	F04	PT C C

F6 F04 PT C C

F6 F04 PT C C

F6 F04 PT C C

VIN	PROBABLE / SUSPECT ROOT CAUSE	VIN
1FTFW1CT1BF	COP	1FTFW1CT1BF
1FTFW1CT1BF	СОР	1FTFW1CT1BF
1FTFW1CT5BF	COP	1FTFW1CT5BF
1FTFW1CT5BF	COP	1FTFW1CT5BF
1FTFW1CT5BF	DIAG - MISFIRE	1FTFW1CT5BF
1FTFW1CT5BF	COP	1FTFW1CT5BF
1FTFW1CT6BK	DIAG - MISFIRE	1FTFW1CT6BK

1FTFW1CT6BK	CATALYTIC CONVERTER	1FTFW1CT6BK
THE TOTAL CONTRACTOR OF THE PARTY OF THE PAR	OMNETTIC CONVENTER	
1FTFW1CT7BF	COP	1FTFW1CT7BF
1FTFW1CT7BF	CATALYTIC CONVERTER	1FTFW1CT7BF
1FTFW1CT7BF	GROUND G105	1FTFW1CT7BF
1FTFW1CT7BF	CATALYTIC CONVERTER	1FTFW1CT7BF
1FTFW1CTXBF	DIAG - P0430	1FTFW1CTXBF
1FTFW1CTXBF	CATALYTIC CONVERTER	1FTFW1CTXBF

1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - P0430	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	SPARK PLUGS	1FTFW1ET0BF
1FTFW1ET0BF	FUEL IN ECTOR	1FTFW1ET0BF
1FTFW1ET0BF	SPARK PLUGS	1FTFW1ET0BF

1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	CATALYTIC CONVERTER	1FTFW1ET0BF
1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	DIAG - MISFIRE	1FTFW1ET0BF

1FTFW1ET0BF	COP	1FTFW1ET0BF
1FTFW1ET0BF	FUEL IN ECTOR	1FTFW1ET0BF
1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	FUEL IN ECTOR	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF

1FTFW1ET1BF	DIAG - MISFIRE	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF
1FTFW1ET1BF	DIAG - MISFIRE	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	FUEL IN ECTOR	1FTFW1ET1BF
1FTFW1ET1BF	UEGO SENSOR	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF

1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	COP	1FTFW1ET1BF
1FTFW1ET1BF	CATALYTIC CONVERTER	1FTFW1ET1BF
1FTFW1ET1BF	SPARK PLUGS	1FTFW1ET1BF

1FTFW1ET1BF	SPARK PLUGS	1FTFW1ET1BF
1FTFW1ET1BK	DIAG - P0430	1FTFW1ET1BK
1FTFW1ET1BK	CATALYTIC CONVERTER	1FTFW1ET1BK
1FTFW1ET2BF	FUEL IN ECTOR	1FTFW1ET2BF
1FTFW1ET2BF	CATALYTIC CONVERTER	1FTFW1ET2BF
1FTFW1ET2BK	DIAG - MISFIRE	1FTFW1ET2BK

1FTFW1ET2BK	FUEL IN ECTOR	1FTFW1ET2BK
1FTFW1ET2BK	DIAG - MISFIRE	1FTFW1ET2BK
1FTFW1ET2BK	GROUND G105	1FTFW1ET2BK
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF

1FTFW1ET3BF	COP	1FTFW1ET3BF
1FTFW1ET3BF	DIAG - MISFIRE	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	COP	1FTFW1ET3BF
1FTFW1ET3BF	SPARK PLUGS	1FTFW1ET3BF
1FTFW1ET3BF	CATALYTIC CONVERTER	1FTFW1ET3BF

1FTFW1ET3BF	CRANK SENSOR	1FTFW1ET3BF
1FTFW1ET3BF	DIAG - P0420	1FTFW1ET3BF
1FTFW1ET4BF	CATALYTIC CONVERTER	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - P0430	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1FTFW1ET4BF	FUEL IN ECTOR	1FTFW1ET4BF

1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1FTFW1ET4BF	COP	1FTFW1ET4BF
1FTFW1ET4BF	DIAG - MISFIRE	1FTFW1ET4BF
1ETE\W1ET4BE	COP	15T5\W15T4D5
1FTFW1ET4BF	COP	1FTFW1ET4BF
1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	CATALYTIC CONVERTER	1FTFW1ET5BF

1FTFW1ET5BF	SPARK PLUGS	1FTFW1ET5BF
1FTFW1ET5BF	FUEL INCECTOR	1FTFW1ET5BF
1FTFW1ET5BF	SPARK PLUGS DIAG - MISFIRE	1FTFW1ET5BF
1FTFW1ET5BK	СОР	1FTFW1ET5BK
1FTFW1ET6BF	DIAG - P0420	1FTFW1ET6BF

1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - MISFIRE	1FTFW1ET6BF
1FTFW1ET6BF	FUEL IN ECTOR	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	SPARK PLUGS	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - MISFIRE	1FTFW1ET6BF

1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	COP	1FTFW1ET6BF
1FTFW1ET6BF	CRANK SENSOR	1FTFW1ET6BF
1FTFW1ET6BF	DIAG - P0430	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF
1FTFW1ET6BF	CATALYTIC CONVERTER	1FTFW1ET6BF

1FTFW1ET6BF	UEGO SENSOR	1FTFW1ET6BF
1FTFW1ET6BK	DIAG - P0430	1FTFW1ET6BK
1FTFW1ET6BK	CATALYTIC CONVERTER COP	1FTFW1ET6BK
II II WILIYAI		TH WILLIAM
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	SPARK PLUGS	1FTFW1ET7BF

1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	SPARK PLUGS	1FTFW1ET7BF
1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF
1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF

1FTFW1ET7BF	UEGO SENSOR	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	COP	1FTFW1ET7BF

1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BF	DIAG - P0430	1FTFW1ET7BF
1FTFW1ET7BF	CATALYTIC CONVERTER	1FTFW1ET7BF
1FTFW1ET7BK	DIAG - MISFIRE	1FTFW1ET7BK
1FTFW1ET7BK	COP	1FTFW1ET7BK

1FTFW1ET7BK	COP	1FTFW1ET7BK
1FTFW1ET7BK	CATALYTIC CONVERTER	1FTFW1ET7BK
1FTFW1ET8BF	COP	1FTFW1ET8BF

1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	CATALYTIC CONVERTER	1FTFW1ET8BF
1FTFW1ET8BF	СОР	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF
1FTFW1ET8BF	SPARK PLUGS	1FTFW1ET8BF
1FTFW1ET8BF	COP	1FTFW1ET8BF

1FTFW1ET8BK	DIAG - P0430	1FTFW1ET8BK
1FTFW1ET8BK	CATALYTIC CONVERTER	1FTFW1ET8BK
1FTFW1ET9BF	GROUND G105	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF

1FTFW1ET9BF	DIAG - P0430	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	UEGO SENSOR	1FTFW1ET9BF
1FTFW1ET9BF	COP	1FTFW1ET9BF

1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	COP	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF

1FTFW1ET9BF	СОР	1FTFW1ET9BF
1FTFW1ET9BF	DIAG - MISFIRE	1FTFW1ET9BF
1FTFW1ET9BF	CATALYTIC CONVERTER	1FTFW1ET9BF
1FTFW1ETXBF	DIAG - P0430	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF

1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF
1FTFW1ETXBF	COP	1FTFW1ETXBF
1FTFW1ETXBF	DIAG - P0430	1FTFW1ETXBF
1FTFW1ETXBF	CATALYTIC CONVERTER	1FTFW1ETXBF
1FTFW1ETXBK	COP	1FTFW1ETXBK

1FTFW1ETXBK	DIAG - MISFIRE	1FTFW1ETXBK
1FTFX1CT1BF	CATALYTIC CONVERTER	1FTFX1CT1BF
1FTFX1CT1BF	UEGO SENSOR	1FTFX1CT1BF
1FTFX1CT1BF	СОР	1FTFX1CT1BF
1FTFX1CT1BF	UEGO SENSOR	1FTFX1CT1BF
1FTFX1CT2BF	CATALYTIC CONVERTER	1FTFX1CT2BF
1FTFX1CT2BF	UEGO SENSOR	1FTFX1CT2BF
1FTFX1CT3BF	COP	1FTFX1CT3BF

1FTFX1CT3BF	UEGO SENSOR	1FTFX1CT3BF
1FTFX1ET0BF	SPARK PLUGS	1FTFX1ET0BF
1FTFX1ET0BF	DIAG - MISFIRE	1FTFX1ET0BF
1FTFX1ET0BF	SPARK PLUGS	1FTFX1ET0BF
THE TOBI	SI ARRI EGGS	II II XILIODI
1FTFX1ET0BF	CATALYTIC CONVERTER	1FTFX1ET0BF
1FTFX1ET2BF	DIAG - MISFIRE	1FTFX1ET2BF
1FTFX1ET2BF	СОР	1FTFX1ET2BF
1FTFX1ET3BF	СОР	1FTFX1ET3BF
1FTFX1ET3BF	CATALYTIC CONVERTER	1FTFX1ET3BF

1FTFX1ET4BF	СОР	1FTFX1ET4BF
1FTFX1ET4BF	COP	1FTFX1ET4BF
1FTFX1ET4BF	FUEL IN ECTOR	1FTFX1ET4BF
1FTFX1ET4BF	SPARK PLUGS	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF

1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET4BF	CATALYTIC CONVERTER	1FTFX1ET4BF
1FTFX1ET5BF	SPARK PLUGS	1FTFX1ET5BF
1FTFX1ET5BF	CATALYTIC CONVERTER	1FTFX1ET5BF
1FTFX1ET6BF	UEGO SENSOR	1FTFX1ET6BF
1FTFX1ET6BF	UEGO SENSOR	1FTFX1ET6BF
1FTFX1ET9BF	DIAG - MISFIRE	1FTFX1ET9BF

1FTFX1ET9BF	CATALYTIC CONVERTER	1FTFX1ET9BF
1FTFX1ETXBF	COP	1FTFX1ETXBF
1FTFX1ETXBF	CATALYTIC CONVERTER	1FTFX1ETXBF
1FTVX1ET7BK	COP	1FTVX1ET7BK
1FTVX1ET7BK	SPARK PLUGS	1FTVX1ET7BK
1FTVX1ET8BK	DIAG - P0430	1FTVX1ET8BK
1FTVX1ET8BK	CATALYTIC CONVERTER	1FTVX1ET8BK

MILEAGE	TOTAL COST	TECH COMMENTS 1 ROAD TEST TRUCK, TEST FOR	TECH COMMENTS 2
		CODES, P0302 P0316. CHECK FOR TSB SSM. POWER BALANCE TEST, COMPRESSION TEST, FUEL IN ECTOR FLOW TEST, REMOVE 2 SPARK PLUG AND COIL, CLEAN OUT ANTIFREEZE FROM 2 SPARK	
11143	298.14	PL	REROAD TEST OK.
20909	195 03	IDS TEST ROAD TEST DCL MONITOR TEST REPLACE 4 COIL AND PLUG RETESTED SYSTEM ROAD TEST OPERATION NORMAL	
3839		VERIFIED CONCERN CK CODES P0304 REMOVED COIL FROM 4 CYL FOUND COIL DAMAGED FROM HEAT REPL ACED COI L TEST DROVE APPROXIMATELY 7 MILES SK IP RETURNED 4 CYL CONTACTED HOTLINE ID 10482 2426 ADVISED TO	INSPECT AND OVERLAY CIRCUIT CE306 PERFORMED OVERLAY RECONTACT HOTLINE WAS ADVISED TO REPLACE PCM ANDCOIL AND PLUG INST ALLED PCM REFLASHED AND ROADTE ST TO VERIFY REPAIR
3839	1032.33	VERFIED CONCERN,IDS CODE P0304,CONTACT TEST HOTLINE ID 104855226,ADVISED TO REPL 4,5,6 COILS,ALL SPARK PLUGS,AND ENGINE WIRING HARNESS,REMOVED INNER	O CROSSOVER ON REAR INTAKE,REMOVED ALL LOWER ENGINE SHIELDS,REMOV ED LEFT AND RIGHT EXH PIPES TO LOWER ENGINE BACK TO INSTALL HARNESS,REINSTALLED ALL
4376	2291.84	FENDERS, INTAKE, WATER TU BE FROM FRONT HOSE INLET T RAN EEC TEST NO DTC S MONITORED PID DATA RAN PWR BALANCE TEST ON TEST DRIVE REPROGRAMMED PCM TO LATEST	IDEMS CLEAR CODE,RETEST ROAD TEST,ALL OK AT THIS T
2328	55.66	UPDATE	
4000	444.70	CONFIRMED COMPLAINT. TEST WITH IDS, FOUND CODE P0303 PRESENT PPT, FOUND CYLINDER THREE COIL FAULTY REPLACED NUMBER THREE COIL. RETESTED,	
4900	114.72	OKAY. TEST DROVE, OKAY	

0300 0305 0306 0430

3036

83.88

3187	P0430 CAR EFF RAT 2 HF 1 P0430 YES HF2 NO HF 3 NO HF 4 197 202 PSI REPLACE BANK 2 CAT LABEL AND REPLACE ALL 6 PLUGS AND COILS BANK 2 ONLY RE FLASH PCM CK COND 105 BACK OF HEAD 999.6 HARNESS ATEDENT TO ST	ART GROUND WIRE UNDER STUD DRIVERS SIDE LH PERFORM KOEO KOER DIAG TEST PERFROM PPT FOR KOEO CONT CODE P0430 PERFORM CAT CONVERT DIAG PERFORM PWR BALANCE IGN SYSTEM SUBMIT OASIS WAS
40470		ARED CODES RETURNED
12170	269.58 SPARK PLUGS, CLE PERFORMED SYSTEM DIAGNOSTICS, REPLACED THE LEFT SIDE CATALYTIC	VEHICLE TO THE CUSTOMER.
18337	490.63 CONVERTER EEC TEST AND RETRIEVE CODES P2310 P2313 P2316, PINPOINT TEST FOUND NO GROUND TO COILS. MT TIME TO TRACE GROUND CIRCUIT, FOUND G105 LOOS E AT STUD ON LEFT HAND CYLINDER HEAD, TIGHTEN	
9	74.7 RETEST OK VCC PERFORMED EEC TEST DTC P0430 CAT EFFICIENCY BANK 2. CONTECTED HOTLINE. MONITOR MISFIRES, NONE. MONITOR PIDS NOTHING ABNORMAL FOUND. AS PER HOTLINE REPLACE BANK 2 CAT CONVERTER, ALL 3 COILS	3 PLUGS ON BANK 2. CLEARED CODES AND ROAD TEST AND MONITOR PIDS, ALL OKAY. VERIFIED REPAIR. ENGINEER IN DEERBORN WANTED CONVERTER,
1067	710.5 AND LABOR TO VERIFY CONCERN, IDS DIAG KOEO KOER P0430 PPT HF1 YES, HF2 NO, HF3 NO, HF4 YES HF5 NO HF 10. COMPLETE DRIVE CYCLE ROAD TEST ALL MONITORS	COILS PLUGS REPLACED
8617	96.93 PASSED. LABOR TO ROAD TEST,MIL NOT ON. IDS DIAG KOEO KOER P0430. RENEW BANK 2 CAT RETEST ROAD	
9584	512.26 TEST	

44			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 COU EEC P0430 PINPOINT TEST REPLACED CAT CONV BANK 2	CONTACTED THE TECHNICAL SERVICE CENTER THE SAID TO SWAP PLUG AND COIL FROM CYLINDER SIX WITH A KNOWN GOOD CYLINDER. WE DID AND
46	59	596.23	CLEARED CODES	
4.0		40.0=	VERFIY CEL IDS SELF TEST CODE P0430 CUSTOMER IS TRAVELING WILL GET REPAIRS MIN HIS HOME TOWN OK TO DRIVE POSSIBLE CAT CONVERTER PROBLEM NO	
48	26	48.07	PART AVALIBLE 679 VERIFY MIL ON EEC TEST KOEO PASS KOEC P0430 PI NPOINT TEST HF2 NO OTHER CODES HF3 INSPECT WIRING OF BANK2 CATALYST NO FAULT	SU RE AT DESIRED PRESSURE HF5 INSPECT NO LEAK OR MOD IFICATION FOUND HF10 CLEAR CODE AND PERFORM CAT
58	05	502.58	HF4 MONITER FUEL PRES 1955 12405 42 CONDUCTED ON BOARD DIAG USING IDS. P130D. PINPOINT KNOCK SENSOR PIDS AND ISOLATE TO 4 CYLINDER CONCERN. CONDUCTED IN ECTOR REL ATIVE FLOW TESTS, ALL PASS. RELATIVE	MONITER DRIVE CYCLE SHOWED 4 AND 6 CYLINDERS DOWN 1 PERCENT. CONSULT HOTLINE, TESTDRIVEN AND MONITORED MISFIRE WHILE DRIVING USING IDS. 4 CYLINDER CONCERN. PINPOINT SECONDARY IGN SYSTEM. 4
19	47	184.68	COMPRESSION TESTS CK ENG NOT SHIFTING OUT OF GEAR TEST DROVE TO VER ALSO ENG HAS A MISFIRE CK FOR CODES FOUND P130D ENG KNOCK / COMBUSTION PERFORMANCE FORCE LIMITED POWER FOUND CYL MISFIRE CONTACT HOTLINE	PLUG PORCELIEN D TO PERF AN IN FLOW TEST FAIL TEST ON A 4 AND 3 CYL REC TO REPL AFFECTED IN REM INTAKE TO REPL 4 AND 3 IN ALSO
35	46	773.94	RECOMMEN	FAIL WITH FUEL CLEAR CODES
73	58	163.1	RESCANNED TRUCK FOUND MISFIRE ON START UP CODE AND P0304 MISFIRE CODES PERF DIAG REMOVED PLUGS CK FOUND PLUG NUMBERS OLD NUMBERS REPLACED PLUGS W UPDATED PLUGS ALL CYLINDERS TEST DROVE W ENGINEE	RS TEST OK RELEASED OK FORD OK A TANK FILL UP FILLED UP TANK

7358	PERF DIAG FOR CK ENGINE LIGHT ON HOOKED UP IDS CK FOR CODE P0430 BANK 2 CAT CODE PERF DIAG CK PID DATA FOUND BANK 2 DOWN STREAM 02 SWITCHING RATE HIGH CK FOR VACUUM LEAKS OR OVER FUELING FOUND 292.26 T	HOTLINE FOR CONCERN CONTACT NUMBER 104712867 WAS CALLED BY KEVIN FORD ENGINEER WANTED TO COME OUT AND SEE VEH FOR CONCERN WORK W
245	SSM 21703 RESET MISFIRE MONITOR NEUTRAL PROFILE 63.23 CORRECTION REDROVE OK COIL AND PLUG. SWITCHED 31 AND 2 PLUG AND 1 AND 3 COIL REDROVE, FOUND A MISS ON	
247	CYLINDER 3. REPLACED COIL IN 3 CYLINDER CLEARED CODES. 241.81 REDROVE OK NOW ATTEMPT TO VERIFY CONCERN UNABLE TO VERIFY CONCERN. PERFORM VISUAL INSPECTION NOTHING FOUND. PERFORM EEC SYSTEM TESTS P0304, P0305, P0306. PERFORM IN ECTOR FLOW TEST PASS. PERFORM POWER	IN ECTOR FLOW TEST PASS.
9593 9637	362.72 BALENC VERIFY CONCERN CHECK ENGINE LIGHT IS ON. PERFORM VISUAL INSPECTION NOTHING FOUND. PERFORM EEC SYSTEM TESTS P0430. CHECK OASIS FOR TSBS AND SSMS NONE FOUND. PERFORM PID MONITOR TEST 617.93 OS22 VOLTAG	FORD TECHNICAL HOTLINE
0001	IDS START CODE TEST P0306 (MEMORY AND PENDING) TEST DROVE WITH POWER BALANCE. MISS ON 6 VERIFIED. REPLACED 6 COIL AND PLUG. CLEARED CODES	,)
1926	151.35 ROAD TEST OK NO CODES NO MODE 6 MISFIRES CONTACTED HOTLINE INSTRUCTED TO CHECK SPARKPLUGS GROUND LOCATION G105. FORD ENGINEER INDICATED THIS IS A ISSUE UNDER REVIEW FOR	
3139	RESOLUTION. WILL F/U WITH 130.95 OWNER	ASAP WHEN FIX BECOMES AVAILABLE.

TEST PCM. TEST OUT COIL. FAILS. REPLACE 4 COIL.TEST DROVE 3 138.38 OK. **RUN DIAGNOSTIC TESTS** RECEIVED MULTIPLE CODES PERFORM PIN POINT TESTS IGNITION TESTS REPLACE PCM REMOVED ONE CODE PERFORM MORE PIN POINT TESTS IN ECTOR HARNESS S PER REPLACED TWO IN ECTORS ONE HOTLINE 10 1653.59 COIL AND ONE PLUG AND MT TIME IS THE TIME PREF SELF TEST RETREVIED **CODE P0302.PREF RELATIVE** COMPRE TEST ALL CYLINDERS WERE NORMAL, PREF IGNITIOSYS NEW IGNITION COIL SPARK DIAG FOUND THAT CYLINDER 2 PLUG, RE SET KAM, UPDATED SPARK PLUG WAS FOUALSO PREF P RE SET MISFIRE MONITOR.RD COP TEST FOUND THAT IGNI COIL TESTED FOUND NO OTHER 22982 193.96 IS WEAK IN CONCERNS AT THIS TIME. RDTEST CEL FLASH ENG MISS SED.SUSPECT INTERM CNCRN **UNDER LOAD.SCAN CODES** WITH IN 3.REPL NO 3 FUEL P0303.REL COMPRESS PASS.PWR IN ,SEALS,BOLTS PLUG.REPL BAL CYL 3 DROP OUT. FOUND FUEL HIGH PRESS PLUG FOULED.IGN TEST COIL TUBE, COOLANT ORINGS, TSTAT PASS.PLUG RE REPL.R R PLUG HOUSING ORING CROSSOVER DID NOT FIX CNCRN.PERF PIPE GSKT.REPL RH FUEL PRESS 21821 781.92 HIGH LOW PRESTEST PAS SNSR.TOR RAN EEC CALLED HOTLINE PRESSURE TESTED EXHAUST WITH AIR AND SOAP FOUND LEAK WHERE RH AND LH CATS MEET REPLACED BOTH CATS ROAD **TESTED OVER 100 MILES** RECHECKED OKGAVE CUSTOMER 1523 1137.55 A LOANER VEHICLE WHILE HIS **WAS DOWN** CKD EEC SYS P013C P2272 REPLACED LH REAR O2 SENSOR CLEARED C ODES FOUND HOSE OFF ON TOP OF TURBO FIXED CLEARED KAM ROAD TEST LIGHT

CAME BACK ON CONTACTED HOTLINE REPLACED UPPER O2

ETEST OK

375.2 SENSOR ROAD TEST R

348

ROAD TEST. RUNS BAD. MIL ON.

2145	15.72	SCANNED DTCS NONE TEST DROVE NO PROBLEMS FOUND AT THIS TIME	
2900	145.75	CKD CODES P2196 PRFRM PNPNT TST H MONTRD PIDS FND02 II RT FRT 02 SNSR LAZEY RNR 02 SNSR RETST OK	
4004	50.77	PLAINTE CONFIRMER, SORTIR LES CODES ET VERIFIER SELON LES CODES RECU, FAIRE KAM RESET SELON LES DIRECTIVES DU SSM	
1294		21703 PROBLEME REGLER PLAINTE CONFIRMER, SORTIR LES CODES ET VERIFIER SELON LES CODES RECU, FAIRE TEST DES CATALISEURS, LE RENDEMENT DU CATALISEUR LH FAIL, FUEL PRESSURE ET IN ECTEUR TEST OK, LE COIL NO 6 EST AU MINIMUM	NO 5, LE NO 5 EST BEAUCOUP PLUS HAUT, REMPLACER LE COIL NO 6 ET LE CATALISEUR LH
6047	716.69	VERIFY CONCERN,IDS	PROBLEME REGLER
		P2196,P0299.PPT H,H2 YES	ER PPT Z,Z1 YES,Z2 YES,Z3 NO,Z4 NO,Z5 YES,Z 10 YES,Z11 YES,PPTS RUN IN CIRCLES.DISCUSS W FSE B.TENNAL.AD VISD TO PERF RELATIVE IN TEST. 1,2,3 IN S FAILD.REPL 1,2,3 IN S.REM
2128	1051.32	YES,H19 YES,REF (42) UHO2 SENSOR. VERIFY CUSTOMER CONCERN, SYMPTOM CHART T, T1 KOEO PASS, KOEC P2196, CK OASIS, PPT H1 YES,H2	INTAKE,BANK 1 FUEL RAIL,RE
		NO,H3 NO,H3 NO,H4 NO, H15 YES,H16 YES,H17 YES,H19 YES,H20 YES,H21 YES, H25 YES,	ES,H27 NO,H29 NO, REPLACED RH SIDE UHO2 SENSOR (11) PER UHO2 SENSOR, ROAD TESTED
4045	233.26		VEHICLE AND RETESTED ALL OK.
		AND P0297 PERFORMED PPT AS PER WSM USING IDS DATA LOGGER NEEDS CONVERTER BANK 2 SENT IN A HOTLINE RE UEST REGARDING CODES NEEDS PART ON PRE FOR NOW	AL CALLS TO ENGINEERING DUE TO CONCERN CONVERTER AND SPARK PLUGS WERE REPLACED ENGINEERING WANTED COILS HOWEVER TRUCK WOULD BE TIED UP UNTIL SEPTEMBER SEE
10485	827.31	9011 RECIVED SEVER	OASIS AND HOTLINE

18931	315.38	30508 BANK 2 COILS COULD NOT DUPLICATE CONCERN SELFTEST NO CODES NOTHING IN MODE 6 SENT HOTLINE RE UEST THE CALLED BACK AND THEY SAID TO REPLACE COILS ON BANK 2 REPLACED BANK 2 COILS AS PER HOTLIN	HOTLINES RECOMENION PHONE
4384	854.62	VERIFIED CONCERN. P0430 BANK 2 CATALYTIC EFFICIENCY BELOW THRESHOLD. INSPECTED CONVEROTR. NO SIGNS OF DAMAGE. PERFORMED PINPOINT TEST FAILED. REMOVED AND REPLACED BANK 2 CONVERTOR BANK 2 CAT MONITOR	
4858		VERIFIED CONCERN IDS CODE P0430, LH CONVERTER BELOW EFFICIENCY, PERFORMED CONVERTER TEST EXCESSIVE BACK PRESSURE LEFT BANK 13 PSI SHOULD BE NO HIGHER THAN 3, REPL LEFT CONVERTER RD TEST VERIFIED FIX	
		ROAD TEST CEL ON RUNS ROUGH IDS TEST CODE P0430 P0306 SUBMIT TO HOTLINE FROM PREVIOUS REPAIR REPLACED BANK 2 COILS AND PLUGS PER HOTLINE CLEAR CODES ROAD TEST OK CALLED HOTLINE FOR	TO REPLACE BANK 2 CAT FOR
2314		REPAIR WAS ADVISED ROAD TEST DIAG CODE P0430 BANK 2 CATT EFFICIANCYT CONTACT HOTLINE FROM PREVIOUS VISIT RO 138304 REOKPLACED BANK 2 CATT CLEAR	CODE P0430 SOP CATT
2778	448.04	CODES ROAD TEST OK VERIFIED CONCERN. SCAN FOR CODES P0304, P0316. POWER BALANCE TEST. PINPOINT TEST. MISFIRE TEST. EXCHANGE 4 1 SPARK PLUGS. MISS MOVED TO CYL 1. REPLACE SPARK PLUG.	
60	136.06	CLEAR CODES. RECHECK MISFIRE	DATA. ROADTEST.

61	108.11	ROADTEST. VERIFIED ROUGH RUNNING. SCAN FOR CODES P0304 P0305. PERFORMED POWER BALANCE TEST, COIL STRESS TEST, AND IN ECTOR FLOW TEST. SWAPPED PL UGS MISFIRE MOVED. NEC TO REPLACE 4 5 SPARK PLUGS	. POWER BALANCE TEST. PERFORMED SELF TEST.
		FAIT VER VEH VER DTC ET EN MEMOIRE CODE P0430 FAIT ESSAI ROUTIER ET VEH NE MAN UE PAS ET CHECK ENGINE PAS ALLUMER VER OASIS ET RIEN LA DESSUS FAIT INSPECTIO N VISUELLE DU CATALYSEUR	2 TOUT EST NORMAL ENLEVER 02 22 ET R EGARDER A INTERIEUR
6328		GAUCHE ET SONDE 0 SORTI CODE P0430 FAIT TEST HC 1 2 3 4 PRESSION D'ESSENCE MONTE A 1500PSI CHANGER CATALYSEUR GAUCHE INSTALLE CATALYSEUR GAUCHE EFFACE	TOUT EST OK
6381	566.54	COLLES ESSAYE OK VERIFIED CUSTOMER CONCERN, FOUND VEHICLE RUNNING ROUGH AND CHECK ENGINE LIGHT ON, RAN EEC TEST AND FOUND DTCS P0304 AND P0175, TEST DROVE VEHICLE WHILE MONITORING PIDS, FOUND	THE RIGHT BANK AND MISSING ON 4 CYLINDER, RAN RELATIVE IN ECTOR TEST AND FOUND 4 IN ECTOR TO BE FAULTY, REPLACED 4 IN ECTOR, CLEARED DTC AND KAM MEMORY, TEST DROVE VEHICLE, RERAN
2962		VEHICLE RUNNING RICH ON VERIFIED CUSTOMER CONCERN, FOUND CHECK ENGINE LIGHT ON, RAN EEC TEST AND FOUND DTC P0430, TEST DROVE VEHICLE WHILE MONITORING HUGO AND CATALYST MONITOR PIDS, FOUND LEFT BACK CONVERTER TO BE FAULTY	UICK TEST, DUE TO PREVIOUS FUEL IN ECTOR FAILURE, REPLACED LEFT BANK CONVERTER, TEST DROVE VEHICLE, VERFIED REPAIR, VEHICLE OK AT THIS TIME
3430	509.64	ROADTESTED UNABLE TO VERIFY. PREFORMED ELECTRONIC ENGINE CONTROL TEST AND RETREIVED CODE P0301. MONITORED PIDS ON ROADTEST ALL INPUTS AND OUTPUTS OK. CHECKED FOR MISSFIRES ON	
1389	108.59	ROADTEST NONE FOUND. PINP	AGAIN WE WILL BE ABLE

1948	638.36	UNABLE TO VERIFY CONCERN AT THIS TIME, PREFORMED ELECTRONIC ENGINE CONTROL TEST ALL PASS, MONITORED PIDS ON ROADTEST ALL INPUTS OUTPUTS OK, MODE 6 SHOWS NO MISSFIRES. CONTACTED HOTLINE ADVISED POSSIBL	SERVICE MANUAL PROCEDURE, RAODTESTED ALL PASS,
8128	15.7	TEST EEC SYSTEM CODE P0305 IN SYSTEM. TEST DRIVE AND ATTEM PT TO GET TO MISS AGAIN COULD NOT DUPLICATE AT THIS TIME.	
8404	196.25	TEST EEC SYSTEM NO CODES, PERFORM POWER BALANCE TEST FOUND 4,5,6 MISSFIRE. PERFORM MISS FIRE TESTING AND CONFIRMTHOSE MISS FIRES, CHECK COIL PERFORMANCE ALL COILSPERFORMED TO SPECS ALTHOUGH 4, ROAD TESTED, IDS TEST, CODE P0306, POWER BALANCE SPARK	PERFORMED VOLTAGE TEST ON GROUND G105 FOUND 3.5 VOLTS.
2894	493.39	DURATION TEST, CALLED HOTLINE, R R ENGINE COVER SWAPPED NO.6 COIL PLUG WITH	DEFECTIVE NO.6 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)
7670	733.6	ROADTESTED,DCL DISPLAY/PID MONITOR TEST,IDS TEST, CODE PO430,PINPOINT TEST,FLOW TEST CATALYTIC CONVERTERS,R R HEAT SHIELDS,LEFT O2 SENSORS,TO REPLACE LEFT CONVERTER BECAUSE IT HAD INSUFFICENT CHECDK WITH IDS CHECK CODES	FLOW,REROADTESTED,FINAL TEST,PASSED. (HAD TO USE M TIME TO REPLACE CATALYTIC CONVERTOR,PERFORM FLOW TEST ON CATALTYIC CONVERTORS, AND TO R R HEAT SHIELDS NO LABOR OPS FOR 3.5L) TECH HAD CHECK GROUND AND T
401	881.51	P0430 CAT EFFICIE NCY BANK 2 MONITORED PIDS SENSOR 2 ERRACTIC L ONG TERMFUEL TRIM 1.78 CONTACT HOTLINE FOR SYMTOMS CONCE RN SERVICE REP GEORGE RENO 313 3 90 1441 CONTACTED	OR UE LH COIL PACK TO 12 FT LBS PLUS 45 DEGRE ES AND

PERFORMED FULE ECO TEST GOT CURREN TLY ENDER 16. 3MPG. HOTLIN E COMMENTS INVESTIGATION. REI WERE TO REPLACE ALL B ANK 2 AND SPARK PLUGS T 5581 348.46 COILS AND S SEEMS OK.	PLACED COILS
ROAD TEST UDC TEST EEC ALL PASS CODES. REPROGRAM PCM TO LASTEST CALIBRATION. 34.95 REROAD TEST MONITOR PIDS	
TESTED EEC V P0430 DATALOOER SHOWS BANK 2 CAT NOT WORKING REMOVE AND REPLACE LEFT CAT CONVERTER . CLEAR CODE REPROGRAM PCM ROAD	
9654 567.52 TEST MONITOR CAT TO VARIFY FIX SPARK PLUGS FOULED DIAGNOSE AND PERFORM POWER BALANCE REMOVE AND REPLACE ALL FOUR SPARK PLUGS	
10920 189.99 RECHECK PERFORM SYSTEM DIAGNOSTIC AND PINPOINT TEST FOUND FAULTY CYL 5 CIOL AND PLUG. REPLACE CYL 5 COIL AND PLUG TEST DRIVE AND RETEST.NO OTHER FAULTS AT THIS TIME. 1401000005787000032714000	
13447 146.19 00000000038501	
INOP ROAD TEST, FELT MISS/SKIP UNDER HEAVY ACCEL. EEC TEST P0300, IGNITION COIL STRESS TEST, NONE FAILED. POWER BALANCE H1,3,4 MISSED UNDER LOAD. REPLACED 1,3,4 SPARK PLUGS, RETEST DROVE, 5,6 183.88 MISSED FINAL TEST OK	ST, 2 AD, REPLACED DROVE OK.
EEC TEST DCL MONITOR EXHAUST BACK PRESSURE TEST 12LBS AT 1500 RPM REPLACED BANK 2 8698 624.33 CONVERTER RETEST OK	

IDS TEST NO CODES MODE 6 SHOWS 1 COUNT MISFIR E ONCYL 5 SINCE LAST TIME IN. UPDATED

1192	VERIFIED CONCERN EEC TESTED P0320 00 WENT TO PINPOINT A1ENGINE CRANKS VEH DID NOT START PINPOINT TEST D1 RPM0 D2 REMOVED LEFT SIDE TURBO REMOVED CRANK SENSOR NO VISABLE DAMAGE TO CRANK 294.08 TRIGGER WHEEL D10 4.9 VOLTS D11 .1 OHMS D12 OPEN D13 NO VOLTAGE D14 INSPECT CRANK CASE PRESSURE OK REPALCED CRANK SENSOR REASSEMBELED AND TEST DRIVE 150 MILES ENGINE RUNS PROPERLY.
5785	VERIFIED CONCERN CK ENGINE LIGHT ON UICK TEST P0420 CK OASIS PIN POINT TEST H72, CK PCM S027 TEST NO, H73 CK WIRING HARNESS NO, H74 CK FUEL PRESSURE REFER TO 99.7 PINPOINT TEST HC IS WITHIN SPEC YES, H75 CK FOR EXHAUST SYSTEM LEAKS NO, H710 CARRY OUT CATALYST MONITOR DRIVE CYCLE, ARE DTC S P0420 PRESENT NOW NO, TEST COMPLETE NO CONCERNS PRESENT AT THIS TIME
	VERIFIER CODE AVEC IDS CODE P0430. VERIFIER DANS OASIS RIEN. FAIRE DIAG CODE. PINPOINT TEST HF. CATALYSEUR D FECT ET SENSOR O2 22 . REMPLACER CATALYSEUR GAUCHE ET SENSOR O2 22. ESSAIE TOUT EST
6535 6118	639.16 OK ESSAIE ROUTIER, BON ENDEMENT, MAIS CHECK ENGINE EST ALLUM VOIR CODE AVEC IDS P0430. OASIS RIEN A CE SU ET.VOIR PCED ET PINPOINT 18.44 TEST TOUT EST OK
4044	PERFORM DIAG KOEO,KOER,CONT PASS. POWER BALANCE, REL COMPRESS, HIGH BALANCE FUEL TEST PASS. CONTACT HOTLINE.INSP ENG HARNESS FOR CHAFFING NONE FOUND. COULD 56.96 NOT DUPLICATE CONCERN
7284	ROAD TEST. UICK TEST NO CODES.DID SHOW MODE 6 SHOWS 6 MISFIRE COUNTS ON 6. POWER BAL, RELT COMPRESS TEST, RELT IN FLOW, SPARK DURATION. ALL D 6IN ECTORS, REPL 3 AND 6 PASS. CONTACT FORD, FSE RUSS SPARK PLUG. TEST DROVE OK. 815.84 PRYOR SAID TO REPLACE 3 AN CASE

3122	CODE P0306 COIL 1 AND 6 PERFORM IDS REMOVE COIL SWITCH 1 AND 6 REPLACE 74.53 REINSTALL CLEAR CODE .
	TEST DROVE WITH IDS ON POWER BALANCE VERIFIED INTERMITTANT MISS ON CYLINCER 6 RAN UICK TEST ON IDS P0306 IN MEMORY SUBSTITUTE KNOW GOOD COIL AND RETESTED OK REPLACED COIL 6 AND SPARK ODE TEST DROVE AND
11923	148.71 PLUG CLEARED C RECHECKED TO VERIFY REPAIR TEST ALL MODULES CODE PASS ON ALL RUN PINPOINT TESTES CK OASIS FOR TSB OR SSM NONE
1501	48.25 FOUND ROAD TEST PERFORMED EEC TEST FOUND NO CODES. PERFORMED ROAD TEST. COULD NOT GET TRUCK TO ACT WAS TOLD TO REPLACE ALL BANK UP. CONTACTED HOTLINE. 2 COILS AND PLUGS. MARKED CONTACT ID 104924536. WAS TOLD COILS TO WHAY CYLINDER THEY TO CHECK MODE 6. NOTHING WHERE IN. RETOR UE G105. FOUND IN MODE 6 FOR MISFIRING. ROAD TESTED. NO PROBLEMS AT
3142	340.03 THEN TEST IN ECTION CODE P0299 P0306 PINPOINT TEST FUEL TEST IGNITION CHANGER BOUGIE 6 RETEST OK REPROGRAMMER PCM
10709	120.95 SELONTSB 11 07 20 TEST IN ECTION ELECTRONI UE PAS DE CODE TEST SUR ROUTE TEST DE CONSOMMATION OK VERIFIER FILTRE A AIR OK NETTOYER LE MAFMODE 6 MISFIRE 3 ET 4 0.16 DE RATES CHANGER BOUGIE 3 ET 4
11727	125.8 RETEST OK EFFAC ER PROFIL DE MISFIRE OK
5156	SCANNED FOR CODES P0430 CAT SYSTEM BELOW THRESHOLD (BANK 2) CHECKED MESSAGE BOARD AND TSB/SSM FOUND ON MESSAGE BOARD PROBLEMS WITH CAT. WROTE TO HOTLINE WAITING TO HEAR BACK TALKED 792.22 WITH HOTLINE A FEW TIMES TESTING EVERYTHING ALL SEEMS TO BE RUNNING CORRECTLY WHEN MONITORING THE PIDS USING THE IDS FINALLY DROVE THE VEHICLE TO GET TO OPERATING TEMP AND USING A TEMP GUN MEASURED AND FOUND THE BAN

9101	SCANNED FOR CODES AND NO CODES STORED. DID SOME INVESTIGAT ING AND FOUND THAT MISFIRES STAYED IN MODE 6 DATA FOR CYLIND ERS 5 AND 6. WOULD LIKE TO ORDER SPARK PLUGS FOR LEFT BANK T O 217.46 CORRECT CONCERN.	REPLACE ALL 6 PLUGS
	TEST WITH IDS CODE P0301 P0316 CYL BALANCE REMOVE OIL AND PLUG SWITCH OIL AND PLUG WITH ANOTHER CYL MISFIRE SYATED ON 1 CYL TRIED DOING IN ECTOR F FLOW TST WONT TEST	ECTOR RESEALED REAR OF IN ECTOR REASSEMBLE ENGINE
1687	990.43 REMOVE INTAKE TO REPLACE 1 IN TEST WITH IDS NO CODES NO RELATIVE COMPRESSION TEST RELATIVE IN ECTOR FLOW TEST DO POWER BALANCE TEST SHOING FIRING LOW THAN REST	
3081 374	REMOVE PLUGS ON LEFT BANK FIND DISCOLORED AND 114.86 SOME FOULDING O IDS TEST PULLED CODES P0304 PERF SSM 21703 RESET AND 41.44 RETEST OK	N THEM REPLACE PLUGS TEST DRIVE WITH IDS MONITOR POWER BALANCE SHOWING OK
2166	TECH 127 VERIFIED CONCERN,HOOKED UP TO IDS AND PERFORMED KOEO CONT. CODE P0301,CK MODE 6 AND THERE IS MISFIRES ON 1,ROAD TEST WHILE MONITORING POWER BALANCE AND 1 CYLINDER IS 134.92 MISSING ON HARD ACCEL VERIFIED ENGINE LIGHT ON IDS CHECK CODES P0420 PID MONITOR TEST ON ROADTEST AND PINPOINT TO BANK 1 CAT CONVERTOR BAD WAS GOING TO ORDER CONVERTOT BUT CUSTOMER WAS TRAVELING	CHECKED AND REPLACED THE 1 COIL AND SPARK PLUG,ERASED CODE,ROAD TEST WHILE MONITORING POWER BALANCE AGAIN AND PERFORMED FINAL UICK TEST PASS. UALITY CK .D.
79	THROUGH WAS FROM OUT OF 112.91 TOW	N CUSTOMER TOOK AND WILL REPAIR WHEN HE GETS HOME

IDS TESTS PP TESTS IGN SYS CK TEST DRIVE TRUCK PID DATA LOG TEST DROVE 34 MILES LOGGING FUEL MILEAGE SEARCHING FOR ANY TLINE TEST COILS UNABLE TO	
109.62 DRIVABILITY ISSUES CONTACT HO IDS TESTS,PID DATA LOG TEST DRIVE,MONITORED POWER BALANCE NO MISSFIRES,2 COLD STARTS NO MISS,CALLED HOT LINE,REPLACED 1 COIL, 4 IN ECTOR, REPROGRAMED MODULES TO LATESTCALIBRATION PER 1539 1151.21 ENGINEERING.RE DUPLICATE CODES P0304 ASSEMBLED AND RETEST. RUN FUEL PRESSURE TESTS.REMO AND INSPECT ALL PLUGS AND COILS.POWER UP WIRES FROM IN ECTOR AND 4 COIL TO POM AND HEADLIGHT TO INSURE WIRING GOOD FROM PCM TO CO	N IVED M 4 M
25801 8001 INSTALLED CAT 5212BR 1.8 1250BX1 .1 5E212 E29 55 6914,12650D 0.2 HRS, CODE P0430,12650D80 0.1 HRS, 12650D45 0.3 HRS, DIAG, NEEDS BANK 2 CONVERTOR,O2 SENSOR 22 16031 746.81 READING POOR, SENSOR OK,	
33417 8001 INSTALLED NEW O2 SENSOR WAS RUBBING AND WIRES SHORTING OUT FOLLOWED WIRE CHAFING AT TRANSMISS SSM 21925 12650DX1 .1 12650D4L .3 9F472 E29 43 6914,12650D0.2 HRS,CODES P0151,P0701,12651D45 20764 155.09 0.3 HRS, DIAG, NEED TO CHE VERIFIER PLAITE SORTIR CODE P0306 KOEC KOEKO KOER VERIFIER PID VERIFIER BOUGIE PLUS REMPPACER BOUGIES EFFACER DTC ROAD TEST OK CYL 6 MT TEMPS NON 1279 73.6 PUBLIE	ION
VERIFIER CODE AUCUN CODE 5165 15.28 PRESENT	

3590 7833		P0030 00 PCM HEATER CONTROL CIRCUIT BANK SENSOR 1. P0131 00EC PCM 02 CIRCUIT LOW VOLTAGE BANK 1 SENSOR 1 CHECK ENGINE LIGHT IS ON. HOOKED UP SCAN TOOL RETRIEVED CODES, PINPOINT TEST LEAD TO CAT DIAG. MONITOR 02 PIDS ALSO MONITOR 02 ON ROAD TEST 02 WORKING FINE. REMOVED REPLACED CATS HAD TO REMOVE	TRANS CROSSMEMBER TO ACCESS REPLACED BOTH. HAD TO REALIGN EXHAUST SYSTEM RETEST EVERYTHING PASSED.
12200		RAN OASIS,NO TSB S,RAN EEC TEST,NO CODES,RAN RELATIVE COMPRESSIVE TEST FOUND ALL OK,RAN RELATIVE COMPRESSION TEST FOUND ALL OK,RAN PINPOINT TEST FOUND MULTIPLE CYL INDERS MIS FIRING UN	
13704	511.76	RAN OASIS. NO TSBS. RAN EECT TEST. NO CODES. RAN RELATIVE COMPRESSION TEST. FUEL AND IGNITION TESTS. CONTACTED HOTLINE AND ADVISED TO PERFORM MULTIPLE CHECKS. ADVISED TO REPLACE CRANKSHAFT POSITION S DIAG FOR CONCERN AND TIME TO PULL CODES P0430 CONTACT HOTLINE NUMBER 104781351 CHECK MODE 6 DATA FOR MISSFIRE NONE FOUND AT THIE	ENSOR. REPLACED SENSOR PER WORKSHOP MANUAL. RETESTED AND TEST DROVE SEVERAL TIMES.
5326	74.19	TIME. FUEL SAMPLE OK. ALL CHECKS OK AT THIS TIME. DIAG FOR CONCERN AND TIME TO INSTALL NEW COIL PAC KS AND PLUGS ON CYLINDERS 4 5 AND 6, ALSO INSTALL NEW CONVERTER	
12873	877.34	ON BANK 2 CAT CONV DIAG AND P0430 AND REPLACED LEFT BANK CAT AS INSTRUCTED BY HOTLINE AND SECONDARY SENSOR WAS MONITORED AS SWITCHING SUGGESTING CAT FAILURE AND PP TEST DZ FOR P2629 DZ25 YES	0 OHMS RECONN AND CK FOR CODES AND NONE FOUND. TERMINAL FRETTING FOUND TO BE CAUSE OF P2629. IGN SYS DIAG MONITORED MODE 6 MISFIRE DATA AND MISFIRES FOUND ON CYL 4 AND 6 AND REPLACED ALL
1635	859.65	.3 OHMS DZ29 YES 11	SIX PLUGS AND

2814	FOUND P2629 TO BE TERMINAL FRETTING AND CODE WAS PRESENT PREVIOUS REPAIR FOR MISFIRES LED ME TO BELIEVE IT MISFIRES LED ME TO BELIEVE IT MIGHT HAVE BEEN CONDITIONARY MICH IT PREVIOUSLY DID NOT. FREEZE FRAME SHOWED 2 SENSORS TO READ ABOUT ONE AMP DIFF CHECKED FOR CODES FOUND P0430 SAVED AS HISTORY CODE, CLEARED CODE AND RAN SELF TEST, CODE NOT PENDING OR RESET, CHECKED O2 SENSOR PIDS FOUND ALL READINGS TO BE NORMAL AT THIS TIME, NO 23.34 TROUBLE FOUND
3226 12299	PERFORM PINPOINT TEST HF1 HF10/FAULT OUTCOME R I CAT Y PIPE /REPLACED LEFT BANK CAT 659.5 CLEAR ,RETEST.ROAD TEST. COMPLETE EEC SYS DIAG PP TEST CHECKED PIDS FUEL TEST 314.26 REPLACE ALL 3 COILS BANK 2
12299	AS PER HOT LINE 104816947 DIAG REPLACE CAT CONV ASSY HARDWARE STUS ANDNUT EXTRA TIME NEEDED FOR TESTING AS PERFORD TECHNICAL HOTLINE 714.91 INSTRUCTIONS
7813	CONST IMPOSSIBLE DE REPRODUIRE L ANOMALIE SUR LA ROUTE OASIS RIEN DE PARTICULIER POUR CE SYMPTOME ECRIRE A LA LIGNE ROUGE POUR CE PROBLEME LA LIGNE ROUGE DIT U IL A VU DES 341.85 COIL EN FAUTE MAIS E DEVR CONST CHECK ENGINE ALLUME PRENDRE CODE P0430 VOIR OASIS AUCU N MESSAGE VERIFIER FILLAGE EGO, VOIR SI CATHALISEUR EST CASSE R OK
10611	ECRIRE A HOTLINE VOIR 709.06 MESSAGE CAUSE CATHALISEUR PASSER LE IDS CODE P0301,REMPLACER LA BOUGIE 1
8180	92.42 ET REFAIT TEST OK.

8228	VERIFIER LA PLAINTE, PASSER LE IDS CODE P0301 CONSULTER OASIS ET B.T REMPLACER LE COI 1 ET REFAIT ESSAIR AVEC LE IDS 181.82 CONFIRMER LA REPARATION. VERIFY CUSTOMER CONCERN. CEL ON. SELF TEST GOT CODE P0306. RAN POWER BALANCE TEST, ROAD TEST WITH IDS. CONTACTED HOTLINE, RECOMMEND TO CHECK G105, AND REPLACED COILS ASS. AND	
12341	314.11 PLUGS ON BANK 2 , REP VERIFIED CUSTOMER CONCERN, LACK OF POWER , CEL ON. SELF TEST GOT CODES P0299 , P0430. PINPOINTN TEST FOUND BANK 2 EXHAUST CONVERTER RESTRICTED REPLACED BANK 2 CONVERTER, CLEARED CODES 503.41 RESET KAM RO	AD TEST TO VERIFY REPAIR
13923	ROAD TEST, UICK TEST KOEOCM P0299 P0306,KOEO PASS CODE,KOER PASS CODE,VOIR OASIS,VERIFIER TUBE ECHANGEUR D AIR SELON SSM 21872 OK,DEMONTER ET VERIFIER BOUGIE ET COIL ON PLUG 6	AUTOROUTE OK CAMION VAS BIEN NE MAN UE PAS
3398	VERIFIER FAIT SELF TEST P0053. 0054. 0059. 0060. 01135. 0141. P0155. P0161. 0443. 0446. PRESEN ET 9 AUTRE EN MEMOIR VERIFIER OASIS HISTORI UE ET DEMANDE HOT LINE SHORT PRESENT 358.96 FUSIBLE F 76 GRILLER,VE	C146 16 ENLEVER 2 HEGO
150	HOTLINE ID 104682051 VERIFY STALL NO START SYM OASIS CK DTC S KOEO P0053 P0059 P025B KOER NA KOEC P0053 P0059 P006 P00C6 P025B CK FUEL PSI 0 PSI CI CONNECTIONS AT PCM REMOVE 310.51 CONNECTORS BLOW OUT RECON	K AGAIN CLEAN OUT WITH CONTACT CLEANER APPLY ELECTRICAL

18	VERIFIED CUSTOMERS CONCERN,VEHICLE IS CRANK NO START, CHECKED OASIS NO SSM OR TSB. HOOKED UP IDS TEST EEC KOEOC KOEO P0131,P025B,P064D,P1646,P2195,P 2701, CHECKED FOR HARD FAULTS,NONE,CONTACTED	E, NECC TO PERFORM SYMPTOM CHART 3, PPT KE, PASS. PPT A, MONITIR PIDS 1123 PSI, MAN PRESS TEST 60 PSI, IGN TEST, SPARK PLUGS FOULED, REPLACE, STILL WONT START, NO SPARK AT COILS, CK FOR SIGNAL PASS, HA
7437	ROAD TEST,RETRIEVED CODE P0430.TESTED AS PER PCED TEST HF1, HF2,HF3,HF4,HF5,FUEL PRESSURE 65PSILOW SIDE. HF10 DRIVE CYCLE,REFUEL VEH TO COMPLETE CYCLE,P0430 RETURNED ORDERED CATALYTIC 759.27 CONVERTER FOR BA	NK 2 AS PER HF10. R R LEFT SIDE CATALYTIC CONVERTER.R I TRANS.MOUNT. CLEAR CODE,RETEST OK.
8243	ROAD TEST,RETRIEVED CODE P0306.RAN OASIS,CALLED HOTLINE TEST,RECHECK G105,MONITORED PIDS AS PER HOTLINE,CHECK FUEL,R R 6 PLUGS,BANK 2 400.26 COILS.CLEAR,RETEST.OK.	
3925	FAIT SCAN TEST DTC P0430 PINPOINT ET VERIFIER HEGO 2 CYCLE TEST KOER P0430 REVIENT.CHECK SHOP RANGEE 2 COTEGAUCHE.VERIFIER,COMMAN DER ET REMPLACER CATALYSEUR GAUCHE ET EFFACER DTC.ESSAIE 616.36 ROUTIER FIN FAIT SCAN TEST,PAS DE DTCS.VERIFIER OASIS RIEN.FAIT ESSAIE ROUTIER ET INCAPABLE DE REPRODUIRE LE PROBLEME.CONTACTER HOLTINE 104835226.VERIFIER TEST ET MOTEUR MAN UE CYL 6.COMMANDER ET	
7919	115.99 REMPLACER COIL	ROUTIER ET OK.

2699	VERIFIED CONCERN,CHECKED OASIS,NO INFO FOUND.MONITOR PIDS,BANK 2 CAT CONVERTOR NOT WORKING PROPERLY INTERMITANTLY. CONTACTED HOTLINE WAS ADVISED TO CHECK FOR FUEL CONTAMINATION, NONE PASSENGER CAT CONVERTOR,3 SPARK PLUGS COILS, CLEAR CODES,RE ROAD TESTED OK AT THIS TIME DIAG AND FOUND CODE P0430 REMOVED PASS CAT CONVER TER AND REPLACED DRIVERS SIDE
2919	CAT CONVERTOR I AM SUBMITTTING A PART DEBIT 589.86 ON RO 127033 WE CHECKED FOR CAUSE OF ENGINE MIL ON FOUND 4 CODES PO 300 PO305 PO306 P0430 CHECKED OASIS AND FOUND
4562	RECALIBRATION FOR PCM DID UPDATE ROAD TESTED AND OK NOW CLEARED CODES AND OK AT 0 THIS TIME
	BROUGHT VEHICLE IN CHECKED CODES FOUND CODES PO430 STARTED CHECKED IN ECTOR FLOW NO FAULTY IN ECTOR CHECKED PWR BALANCE NO MISSING CYCLINDER CONTACTED HOTLINE ADVICE TO DO ETHANEL CLEARED COUND TO BE FINE CHECKED G 105 AND FOND IT TO BE TIGHT CHECKED WIRE TO COILS OK REPLACED CONVERTOR PLUGS 3 AND COIL 3 COIL CLEARED CODES ROAD TESTED
4901	1069.01 TEST 85 CHECKED DID OK NOW CHECKED EEC SYSTEM AND FOUND P0300. CHECKED POWER BALANCE AND FOUND OKAY. CHECKED RELATIVE COMPRESSION, OKAY. CHECKED OASIS FOR TSBS AND SSMS.
3773	CONTACTED HOTLINE, THEY HAD 85.01 NO HELP. RAN THR CHECKED EEC SYSTEM AND FOUND NO CODES. PERFORMED PINPOINT TEST Z1. CONTACTED HOTLINE AND THEY SAID TO REPLACE BANK 2 COILS, ALL 6
4004	SPARK PLUGS AND CHECK G105. AND WAS UANBLE TO LOCATE REPLACED ALL 6 SPARK PLUGS, 385.39 BANK 2 COILS CHICLE, ALL OKAY AT THIS TIME.

		SCAN PCM,HAS CODES,M6 SHOWS HISTORY ON 4,5,6,PB OKBUT MISFIRE MONITOR SHOWS 4 5 6 ALL CLOSER TO MIS FIRE THAN 1 2 3,HL ID 104843685,AC UIRE FUEL	6,6 74.2MV,5 54.4MV,4 64.0MV,R I SHIELD ACCESS G105,INSPECT TIGHTEN PER
4689	484.67	SAMPLE TEST, FUEL SAMPLE IS 10 ALCOHOL, LOAD TEST POWE VERIFIED CONCERN, HAS CODES, FOLLOWED PPT, HF1, HF2, HF3, HF4, HF5, HF10, C ONTACTED HOTLINE ID 104855945, REPLACED BANK 2	PLUGS PER HL,CLEAR CODES KAM,TEST DRIVE,REPAIR VERIFIED
4801	520.39	CATALYTIC CONVERTER,RETESTED,CLEARED CODES,VERIFIED REPAIR ROAD TEST AND NOT ABLE TO DUPLICATE CONCERN. PERFORM	K MODE 6 DATA AND NI MISSEIRE
11812	288.27	SELF TEST AND NO CODE RETREIVE. CHECK OASIS AND NO SSM OR TSB FOR THIS CONCERN. SEND MESSAGE TO HOTLINE. 53 RE DIAG, STILL NO CODES IN PCM,	RATE AT ALL. PERFORMED MISSFIRE MONITOR WITH IDS AND OK. CHECK LOW FUEL PRESSURE AND PERFORMED HIGH
		ROAD TEST VEHICLE AND COULD NOT DUPLICATE CONCERN, CHECK FOR DTC AND NONE. CHECK MODE 6 DATA AND NO MISSFIRE RATE OR COUNTS.CHECK LOW FUEL PRESSURE AND OK. PERFRMED IGNTION TEST AND ALL OK. ROAD	EST TO MONITOR PIDS AND ALL IN RANGE. REPLACED 4 COIL ASSY, WAS BACK ORDERED FROM LAST VIST, NOW ALL PLUGS HAVE BEEN REPLACED AND BANK 2 COIL. ALSO CHECK GROUND G105,
16470	144.42	Т	LOOSENED
28010	101.71	SEFT TEST PASS TEST DRIVE HAS MISS UNDER LOAD ON CYL 4 IGN TEST COIL PART DEFECTIVE PART ON BACKORDER VISITING OWNER 9 27 11 SEFT TEST CODE P0304 PINPOINT TEST IGN TEST FOUND COIL DEF REPLACED CYL 4 COIL RETEST	
30083	160.58	ALL OK.	

13581	12029, 42 PERFORMED SELF TEST, RETREIVED P0306 CYLINDER 6 MISFIRE, REAN OASIS, PERFORMED RELATIVE COMPRESSION TEST, PASSED, PERFORMED POWER BALANCE TEST, CYLINDER 6 MISFIRING ND SPARK PLUG, CLEARED DTC, RETEST AND TEST DROVE
40040	5E212, 42 PERFORMED SELFTEST,RETREIVED P0430,RAN OASIS,PERFORMED POINTTEST HF IN SHOP MANUAL,FOUND CATALYST BAD,REPLACED CATALYST,RETEST SYSTEM AND
13848	487.62 TEST DROVE UICK TEST CODE P0430, TEST CATALYSEUR OK, PRESSION ESSENCE OK MOTEUR COUPE SUR CYLINDRE 6 REMPLACE COIL
7718	169.45 6 ESSAI OK UICK TEST CODE P0301 ET P0430 TEST COIL NUM 1 EN CIRCUIT REMPLACER BOUGIE ET COIL ESSAIE AVEC IDS SUR ROUTE
12373	195.07 ESSAIE OK
	SCAN FOR CODES RETREIVED CODE P0316 RANDOM MISFIREREPLACE 3 IGNITION COILS AND SPARK PLUGS AND CHE CKED GROUND G105 AS PER HOT LINE INSTRUCTIONS ACTUAL
2118	324.44 TIME TO TIGHTEN G105 TO 12NM SCAN FOR CODES RETREIVED RANDOM MISFIRE CODE P0316REPLACE 3 IGNITION COILS AND SPARK PLUGS AND CHEC KED GROUND G105 AS PER HOT
2117	324.44 LINE INSTRUCTIONS CHECKED NO CHECK ENG LIGHT ON SLIGHTLY MISSING ON ALL CYLINDERS FOUND ALL PLUGS
730	127.54 FOULED REPLACED ALL PLUGS TEST DROVE MONITORED PIDS CALLED HOTLINE TO CHECK LNG TRIM REPLACED ALL SPARK
2346	PLUGS AND 3 IGN COIL TEST 460.14 DROVE

16611	99.03	CODE P0430 CATALYTIC CONVERTOR BELOW SPECS. TESTED, PERFORMED DIAGNOSTICS, CLEARED CODE, AND RETESTED GOOD. CATALYTIC CONVERTOR NOT OPERATING PROPERLY. TESTED DIAGNOSED, REPLACED THE
17126	580.49	CATALYTIC CONVERTOR, AND RETESTED PASSED. RAN EEC TEST, IGNITION TEST AND TRACE WIRING FOR BAD GROUND, TRACE GROUND AND REPAIR, RETEST POST REPAIR
2522	294.48	AND VEH OK RAN EEC TEST, PID MONITOR, FUEL PRESSURE TEST, REPLACE LEFT SIDE CATALYTIC CONVERTOR, RETEST AND V
2622	569.49	EHOK
18148	519.83	EFFECIENCY BELOW THERESHOLD BANK 2 REPLACED L S CONVERTER
22042	22.42	IDS CODES P0300 P0306 MISFIRE CODE RESET KAM PCM
4040		PERFORM EEC TEST DIAG FOR DTC P130D PERFORM PPT UNABLE TO VERIFY CAUSE OF CONCERN ADVISE CUSTOMER TO TRY DIFFERENT BRAND OF FUEL AND RETEST IF CONCERN CONTINUES PERFORM EEC TEST DIAG AND PPT FOR DTC P0430 CK AND REMOVE AND REPLACE LT SIDE CAT CONVERTER ASSY RETEST OK AT THIS TIME
6680	509.51	ON AT THIS TIME

PO430 IN SYSTEM, PINPOINTTEST AND IGNITION SYSTEMTEST. NEEDS LEFT SIDE CONVERTER THEN A RETEST. CUSTOMER UNABLE TO LEAVEVEHICLE. 76.59 CLEARED CODES 6457 **TESTED WITH ENGINEERS** PRESENT AND WAS ADVISED AGAIN BY KEVIN OYAFUSO TO **INSTALL PARTS, RELEARN** MISFIRE DATA, AND RETEST. COMPLETED PARTS TRANSFER AND RELEARNED DATA, CLEARED DATA AND RETESTED. REPAIRS 7178 1106.61 SYSTEM OF CODES RESET PCM COMPLETE. ROAD TEST NO MISFIRE FELT TESTED EEC PASS PROGRAMMED PCM TO LATEST LEVEL WAS NO 34.95 HISTORY OF MISFIRE IN MODE 6 2089 RUN ECC TEST GOT CODE P0430 **RUN DATALOGGER MONITORPIDS** LISTEN FOR ENGINE NOISE FOUND LEFT CONVERTOR ASSEMBLY COME LOOSE INSIDE. REPLACE **CONVERTOR CLE AR CODES** RETEST OK THE OTHER NOISE IS SSURE FUEL PUMP ON LEFT 2089 118.85 THE HIGH PRE VALVE COVER NORMAL NOISE CK ENGINE LIGHT ON FAULTY 02 SENSOR VERIFY CONCERN PERFORM PPT FOUND SSM TO CK FOR CHAFED WIRE NO CHAFE WIRE FOUND UPON REMOVAL OF WIRE HARNESS RAN SELF TEST P0030.P064D AND P1646 D HEGO AT FAULT REPLACED AND 3873 122.65 PERFORM PDT FOUN RETEST OK PASSES C S TRANS BUCKING FAULTY COIL AND PLUG 2 CYLINDER VERIFY CONCERN RUN SELF TEST NO DTCS PERFORM POWER BALANCE TYEST PERFORM MODE 6 DATA SURGE FOUND COIL STRESS TEST FAILLED 2CYLINDER WITH AN REPLACED 2 COIL AND PLUG

112 INTERMITTANT MISFIRE PERFORM RETEST OK

5697

PERFORM SELF TEST. PO300

2959	1	EEC TEST PASS, EXAMINE MODE 6 DATA ALL OK, ROAD TEST 17 MILE WHILE MONITORING FOR MISFIRES OR CAT EFFICIENCY CONCERNS.CC ALL OK. COULD NOT DUPLICATE AT THIS TIME	
5098		12029 42 KOEO P0304 PINPOINT REPLACE 4 COIL RE TEST	
6180	(VERIFIED ENG RUNS ROUGH CHECK ENGINE LIGHT 4 COILPLUG IN ECTOR TOOK OUT BANK 2 CAT AND DOWNSTREAM O2 CAT WAS DEFECTIVE REPLACE 4 SPARK PLUG, COIL, IN ECTOR. REPLACED LEFT CATALYST AND DOWNSTREAM O2S	ENSOR.
	(VERIFIED CONCERN SCAN ENGINE FOR CODES. CHECK MODULE DATA. NO MISFIRE CODES. CHECK OASIS. FOLLOWED SSM21295 NO CHAFFED WIRING. SUBMITTED RE UEST TO HOTLINE. CHECK GROUND G105 IS CORRECTLY	THANOL AT ACCEPTABLE LEVEL. ROADTEST AND MONITORPIDS. NO
7469	- - !	TIGHTENED. E CKED CODES. FOUND MISFIRE 6 TESTED FOUND TO BE INTERMITTENT. CKED PWR BAL W/ IN SPECS. CKED TSB SSM FOUND 21703SSM. RESET MISFIRE	MISFIRE NOTED AT THIS TIME.
3	:	MONITOR. RAN CODES. CKED PWR BAL FOUND 4 MISFIRE. REMOVED 4 SPRK PLG CLRD CODES. REINSTALLED RETESTED. FOUND TO BE OK. POSSIBLE	
3		CAUSE BAD GAS. PERFORM EEC DIAG AND TESTS FOR P0302, PERFORM FUEL SYSTEM DIAG AND TESTS,	
	 	RELATIVE COMPRESSION TESTS, IGN SYSTEM TESTS, ROAD TESTED AND MONITOR PIDS. PERFORM MISFIRE PROFILE	
538		LEARN, ROAD TESTED AND RAN	GOOD

740	CMDTC S PCM,PER PRESSUF PASS,PEI FLOW TE MISFIRE PPT HD,A	PEC SYSTEM FOR P0302 00 24 FORMED HIGH RE FUEL TEST RFORMED IN ECTOR ST PASS,PERFORMED TEST PASS,PERFORMED IND PPT B USIVE,CONTACTED	HOTLINE, REDROVE AGGRESIVLEY AS PER HOTLINE VERIFIED CLY 2 MISFIRE, SWAPPED CYL2 C.O.P. AND SPARK PLUG WITH CYL1 AS PER HOTLINE, REDROVE MISFIRE MOVEDWITH COMPONENTS, ORDERED NEW C.O.P. AND SPARK PLUG
275	P0316, P0 BALANCE SYSTEM 254.05 AND INSF EEC TES DATALOG	T. PPT P0299, P0300, 0304 AND P0305. POWER E. IGNITION TEST. FUEL TEST. R I 4 AND 5COPPECT OK. R/T MONITOR. T. PPT P0430. GGER MONITOR. BANK	
281	677.52 2 CAT.		
6010	THIS TIMI CONTINC CAT BELC EFFICIEN PRESENT NO, HF3 C 44.78 OK, HF10 RAN EEC AND TES CAT CON CLEANING SENSOR FAILED O	TEST P0430 RAN PIDS T DROVE FOUND LRFT VERTER WAS NOT G UP EXHAUST CAT WAS SWITCHING AND BD2 TEST CALLED HOT	E OK CLEARED CODES ROAD TEST OK. NO PROBLEM FOUND AT THIS TIME GN COIL GROUND WAS TIGHT AND COULD NOT VERFI ANY KIND OF MISS REPLACED DRIVERS CAT CONVERTER ASSY AND CLEARED
6226	LINE AND 509.59 USUING E	TRUCK WAS NOT E85 FUEL AND I	CODES AND RETEST DROVE AND PASSED OBD2 TEST ET METTRE SUR BANK 2 VERIFIER PRESSION ESSENCE OK REFAIT
8883	P0306 P0 RECHERO NI TSB FA ET CATAI SWAP CO	KOEC P0300 P0304 P0305 430 TOUS PENDING FAIT CHE OASIS PAS DE SSM AIT PPT POUR MISSFIRE LISEUR EN PROBLEME OP REMPLACER BOUGIE ER PRENDRE COIL BANK 1	OASIS FAIT DEMANDE ASSISTANCE HOTLINE REMIS IDS SORTIR MODE 6 ET RECONTACTER HOTLINE RECOMMANDE DE REMPLACER CATALISEUR P/C REMPLACER

		TEST IDS CODE P0430 CODE BAN2 V OASIS PAS DE MSG MEME CATALISEUR A DE A ETE REMPLACER PPT ARRIVE AU MEME RESULTA REMPLACER CATALISEUR P/C APPELER HOTLIEN NET ET RESSERER GROUND G105 AS PER TECHLINE	FUEL DROP PAS OUTILLAGE NECESSAIRE REMPLACER CATALISEUR FAIT MONTER PRESSION ESSENCE AVEC LES IN ECTEUR HARNESS DEBRANCHER VERIFIER DANS LES
13473	1523.27	DE PREFROMED ELECTRONIC ENGINE CONTROL TEST RETREIVED CODE P0430M, MONITORED PIDS ON ROADTEST FOUND 22 CAT MONITOR SWITCHING FRE UENTLY. PINPOINTED TO CAT. REPLACED 2 CAT (LEFT SIDE) REASSEMBLED	5
2081	562.77	AND R CHECK ENGINE LIGHT FLASHED/TRANS IS NOT AN ISSUE/MEMORY CODES FOR 4 CYLINDER IN MEMORY/CONSULTED FORD HOTLINE REGIONAL FSE REPLACED COIL SPARK PLUG AT	ETESTED ALL PASS. NOT REPRODUCE MISS AT TIME
1386	192.44	ALIVE MEMORY/COULD TECH LIFTED VEHICLE AND INSPECTED UNDERNEATH FOR DAMAGE TO CAT OR SENSORS,	REPAIR INTERMITTANT CONCERN
1487	29.79	ALL OK. P0430, 2.1 EEC TEST PO430. CHECK OASIS, PERFORM CAT PERFORMANCE TEST AND CAT DIAG. FAIL. REMOVE AND REPLACE LH CAT. CLEAR CODES	
2108	524.76	AND RETEST OK CHECK ENGINE LIGHT OFF, PULL PCM CODES, KOEO PASS, KOEC P0300 00 E8, REMOVE HO2S 21 OXYGEN SENSOR AND INSTALL BACK PRESSURE KIT, NO BACK PRESSURE, TIGHTEN GROUND G105, TOOK 3 4 TURN, CLEAR	, ROAD TEST, WENT WIDE OPEN THROTTLE, RIGHT AWAY WENT INTO SKIPPING, ROAD TESTED LESS 1 4 MILE. CHECK ENGINE LIGHT FLASHING, PULL CODES KOEO PASS, KOEC P0300, P0304,
6622	439.42		P0305, P0306, MODE

7811 6343	TEST DROVE, COULD NOT DUPLICATE. RAN IDS SYSTEMS TESTS, HAS NO CODES, CHECKED MODE 6 AND 9 DATA, HAS NO MISFIRES. SENT MESSAGE TO TECHLINE. RECHECKED GROUND G105. FOUND NO PROBLEMS. 90.89 CUSTOMER DOES NOT TEST IDS CODES P0430 BANK 2 DRIVERS SIDE REMOVED CAT AND REPLACED RETEST PASS 495.55 REPROGRAM RETEST PASS
6227	VERIFIED CONCNER CODE P0403 MONITOR PIDS PINPOINT TEST FOUND 02 SENSOR NOT SWITCHING PROPERLY REPLACED 127.06 LEFT SIDE 02 SENSOR
1673	HOOKED UP VEHICLE HAS CODE P0059 IN MEMORY HO OKEDUP TO ROAD TEST AND MONITOR PIDS ROAD TE ST CYLIN DER 5 MISSES UNDER ACCEL BROUGHT BACK TO SHOP SWAPPED COIL TO CYL 4 AND REROAD TES T ENGINE MISS 194.96 MOV HOOKED UP VEHICLE HAS CODE P0059 IN MEMORY HOS IN MORE MISSFIRES
	FOUND CODE IN MEMORY WHILE LOOKING AT ENGINE MISS FOUND CODE P0059 FOLLOWED PPT PER WSM FO UND BANK 2 SENSOR 1 NOT READING SENSOR IS BAD REPLACED SENSOR RETEST NOW
1673 3286	80.78 WORKS AND READS F INE CHECK ENGINE LIGHT IDS SCAN CODEPO420 BANK 1 ENSOR EXCESSIVE SWITCH RATE REPLACED BANK 1 CAT 790.53 CONVERTER RETEST ALL PASS
1732	CHECK ENGINE LIGHT IDS SCAN CODEP0640 PINPOINT TEST SHOWS 02 SENSOR PASSENGER SIDE NO RE SPONSE REPLACED 142.77 SENSOR ROAD TEST OK
10032	REPLACE 2 (RIGHT) COIL AND PLUG ROAD TEST RE TEST PASS 260.96 (42)

7699	204.69	REPLACE RIGHT FRONT 02 SENSOR AND BLOWN FUSE RETEST PASS (42) IDS TEST P0301 REMPLACER	
4081	150.16	COIL ET BOUGIE SUR LE CYLINDRE 1 RETEST OK. IDS TEST CODE P0301 EFFACER	
3647	35.17	RETEST	
3788		SHOP POWER BALANCE ON ROAD	. 4 5 PLUGS TRANSFER 4 5 COILS WITH CYL. 1 2 ROAD TEST ENG. MISS STILL EVIDENT SUBMIT
		VERIFY CONCERN IDS DIAG PIN TESTS HF1 Y HF2 N HF3 N HF4 Y FUEL PRESSURE PASSES 60PSI, HF5 N HF10 Y REPLACE LEFT CAT. CONFERMED NO MISSFIRES PART OF PIN TESTS. REPLACED LEFT	
4109 5034		CAT PASSES 60PSI, HF5 N HF1 8103 EEC TESTED NO CODES CHECKED MODE 6 NO MISFIRES CHECKED PLUGS FOR WATER INTRUSION NONE, NO PCM UPDATE AVAILIBLE SENT IN A HOTLINE RE UEST 9011	CAT.5212BL 0.6HR.)
9595	335.28	15487 LACK OF POWER ON ACCEL VERIFIED CONCERN SELFTEST NO CODES CHECKED MODE 6 SHOWS MISFIRE ON ALL CYLS ON BANK 2 CONTACTED HOTLINE INSPECTED GROUND 105 AS PER HOTLINE REPLACED COILS AND SPARK PLU	GS ON BANK 2 AS PER HOTLINE UPLOADED VEHICLE SESSION WITH MODE 6 AND 9 DATA TO HOTLINE COULD NOT DUPLICATE CONCERN AGAIN WOULD LIKE TO MT TIME IS TO CONTACT HOTLINE FOLLOW INSTRUCTIONS
2562	378.89	GOT CODES P0300, P0304, P0305. P0306 AND P0430. COMPLETED MISFIRE MONITOR TEST OK RAN OASIS NO TSBS OR SSMS, CONTACTED HOLTINE FOLLOWED PPT HC6. CHECKED GROUND 105 LOOSENED AND THEN TIGHTENED T	O SPEC. REPLACED BANK 2 COILS AND ALL SPARK PLUGS VERIFIED REPAIR
0007	475 - :	P0430 CAT EFFICIENCY CODE. MONITOR .2V, STILL LEAN WHEN	
2907	4/5.54	WARM. REPLACE BANK 2 CAT	

8070		IDS TESTED, CODE P0306, FREEZE FRAME DATA SHOWS TRUCK IS WARM AT 100 DEGREES C AND WAS DOING 92KPH UNDER 99 LOAD, MISFIRE MONITOR TEST AND POWER BALANCE ARE UNABLE TO RECREATE MISS, RELATIVE COMPRESS	ION IS EVEN ON ALL CYLINDERSM, FUEL PRESSURE IS STABLE AND AT 68 PSI, ENGINE SOUNDS LOUD AT IDLE IN LEFT REAR, COMPARE TO TRUCK ON LOT, IS IDENTICAL HIGH PRESSURE FUEL SOUND, TACH ON TRUCK ON LOT ALSO
8931		EEC UICK TEST PASS, MONITOR PIDS, ALL VALUES ARE IN RANGE, ROAD TESTED AND MONITORED MILEAGE, TRUCK AVERAGING 18.5MPG, EXTENSIVE IDS TESTING AND MONITORING IGNITION SYSTEM AND FUEL PRESSURES ARE OPER	ATING PROPERLY AND IN RANGE, CYLINDER BALANCE IS EVEN COMPRESSION TEST PROVES CYLINDERS ARE EVEN PRESSURES, CONTACT HOT LINE, ACCESS GROUND G105 AT REAR OF LEFT CYLINDER HEAD, REMOVED CLEANED AND TOR ITION COIL TEST PASSED
23		38 EEC TESTED CODES P0302 AND P0316 PERFORMED POWER BALANCE TEST MISSING ON CYLINDER 2 SWAPPED PLUG AND COIL MISS STAYED ON CYLINDER 2 PERFORMED LOW FUEL PRESSURE TEST PASSED PERFORMED DRIVE IN IGN	PERFORMED RELATIVE COMPRESSION TESTPASSED PERFOMED MANUAL
9		900 MISFIRE VERIFIED MISFIRE AT IDLE, RUN SELF TEST AND RETRIEVED DTCS PO301 AND P0316 FOR MISFIRE ON 1, ALSO CHECKED MODE 6 AND MISFIRE ON 1, RUN POWER BALANCE BUT NO MISFIRE BUT ONLY AFTER LET	FOUND PLUG FOULED AND PORCELAIN CRACKED, REPLACED COIL AND PLUG, ERASED DTCS, ALSO UPDATE PCM TO LATEST CALIBRATION, ROAD TEST TO
1015	842.24	VERIFIED CONCERN P0430 BANK 2 CATALYTIC EFFICIENCY BELOW THRESHHOLD. PERFORMED CONVERTOR TEST. EXCESSIVE BACKPRESSURE BANK 2 CONVEROTOR 18 PSI ON ACCEL SHOULD BE NO HIGHER R R TRANSMISSION CROSS MEMB P0420. LEFT HAND CONVERTOR EFFICIENCY BELOW SPECIFIED LIMIT CONVERTOR BROKEN DOWN AND CONTAMINATED CATALYST MONITOR REPLACED CONVEROTR	ER AND BOTH CONVERTORS REPLACED BANK 2 CONVERTOR AND MONITOR AND RELATED HARDWARE REASSEMBLED, RETESTED AND VERIFIED REPAIRS
1131		AND CATALYST MONITOR VERIFIED REPAIRS	

	SELF TEST P0430 PIN MONITOR FOUND RT SIDE CAT WORKING IMPROPERLY REMOVED EXHAUST REPLACED CAT CONVERTER 745.17 RETEST PASS SELF TEST P0430 MONITOR PINPOINT TEST FOUND LH SIDE CONVERTER FAULTY DOWNSTREAM O2 SENSOR FOLLOWING UPSTREAM REPLACED CONVERTER RETEST 507.16 PASS
9912	TEST CODE P0306 CYLINDRE NO6, P0430 CATALISER FAIRE TEST PIN POINT TEST ET BOUGIE SUR CYLINDRE NO6 EST ESTDEFECTUEUSE. REMPLACER 77.88 BOUGIE NO6 OK (41) VERIFIER ET FAIRE TEST.CODE P0430.VEHICULE DE A ROULE AVEC MISFIRE CYLINDRE 6.REMPLACER CATALYSEUR
9992	598.64 GAUCHE ET OK(42)
2630	PERFORMED PCM SELF TEST RETRIVED CODE P2098 PID DATA MNITER PINPOINT TEST ON O2 BANK 2 FAILED REMOVED AND REPLACED BANK 2 O2 SENSOR 119.17 AND RETESTED SYSTEM
	PERFORMED PCM SELF TEST RETRIVED CODE P2098 AND PID DATA MONITER CHECKED CONTINUITY OF O2 SENSOR CIRCUITS CALLED HOTLINE WAS TOLD TO REPLACE LH O2 SENSOR REMOVED AND REPLACED 02
3851	127.36 SENSOR AND RE TECH PERFORMED DIAG TESTING PROCEDURE LOCATING NO CODES STORED IN THE PCM.COULD NOT DUPLICATE THE CONCERN AT THIS TIME. NO
2529	20.59 PROBLEM FOUND

2747	1167.07	TEST.RETEST EEC.P0430 C AME BACK MONITORED CATALYST MONITOR PIDS.BANK 2 TWO DEFECTIVE COIL AND PLUGS	IS SWITCHING 3 5 TIMES FASTER THAN BANK 1.NEEDS BANK 2(LEFT) COVERTER PER PP TEST HF. CONTACTED HOTLINE FOR ANY FURTHER DIAG NEEDED.ROAD TEST WITH EXHAUST BACKPRESSURE GAUGE ASSUGGESTED BY HOTLINE
11095	236.35	CHECK AND ROAD TEST. VERIFY CONCERN. IDS TEST CODES P0299 P0305 P0306. POWER BALANCE TEST. 5 AND 6 CYLINDERS MISSING COILS AND PLUGS FAILED. REMOVED ENGINE COVER, REMOVE	D AND REPLACE 5 AND 6 COIL AND PLUGS. REINSTALLED ENGINE COVER, RESET THE ENGINE PROGRAM RAM. CLEARED CODES, ROAD TEST OK. RECHECK WITH IDS NO CODES. OK.
		IDS TEST CODE PO430 CHECK FOUND LEFT SIDE CAT CONVERTOR BAD DISCONNECT AND REMOVE 2 O2 SENSORS AND REMOVE LEFT SIDE CONVERTOR REPLACE IT REINSTALL O2 SENSORS CLEAR CODE REROAD	
14788	397.71	TEST RERAN IDS TEST SYS SCAN TEST HAD CODE P0304 CYLINDER 4 MISFIRE REPLACE	TEM NO CODES OK
8381	155.98	COIL 4 TEST DRIVE OK NOW CHECK ENGINE LIGHT ON, TEST DRIVE FIND ENGINE MISS SCAN TEST P0304 MISSFIRE ON 4 CYLINDERREPLACE SPARK	
8957	27.94	PLUGTEST DRIVE OK NOW PASSER LE IDS CODE P0430 EN MEMOIRE MAIS NON PRESENT,CONSULTER OASIS ET VERIFIER B.T POUR NOUVELLE	
577	58.38	PROGRAMMATION DISPONIBLE.	
5872	770 56	TEST EECV PINPOINT TEST COMMUNI UER AVEC LIGNE ROUGE REFAIRE TEST ET RIEN DE CONCLUANT AVEC TEST POUR TURBO COMMANDERCATALISEUR REMPLACER CATHALISEUR GAUCHE EFFACE CODE ROAD TEST RATE SUR CYLINDRE 4 5	6 REMPLACER BOUGIES A OUTE ESSENCE POUR ROAD TEST UICK TEST OK (42) MT12409 TEMPS POUR R
3012	110.50	TEST NATE SON STEINDRE 45	INITIZADA I LIVIL O LOCK V

CUSTOMER COMMENTS

CUSTOMER STATES DRIVER LINE CHATTERS ON ACEL DECEL C S ENG ERKS IN OVER DRIVE 70 75 O.K. IN 5TH SEE CUSTOMER FOR DETAILS SEE OASIS FOR SAME REPAIR COLLANT ON 2 PLUG

C/S VEHICLE IS RUNNING ROUGH AND CK ENGINE LIGHT IS ON

C/S STATES VEHICLE IS RUNNING ROUGH AN CHECK ENGINE LIGHT IS ON

CHECK FOR ENGINE MISS CRUISE ON UNDER LOAD

CUST STATES VEHICLE HAS SKIP ON ACCELERATION AT HIGHWAY SPEEDS.
CUSTOMER STATES CHECK ENGINE LIGHT CAME ON THE OTHER WHEN GOING TO PASS ON HIGHWAY HESITATION FELT THENCHECK ENGINE LIGHT STARTED FLASHING NOW ON SOLID

CUSTOMER STATES CHECK ENGINE LIGHT CAME BACK ON LAST NIGHT

CUSTOMER STATES THAT CHECK ENGINE LIGHT CAME ON AND WENT OFF

CHECK ENGINE LIGHT ON

C/S ENGINE RUNS ROUGH AND HAS NO POWER

CUSTOMER STATES CHECK ENGINE LIGHT IS ON.....

CUST STATES CK ENGINE LIGHT IS ON CK REPORT

CUST STATES CK ENGINE LIGHT IS ON CK REPORT

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

CUST STATES CHECK ENGINE LIGHT IS ON

CUSTOMER STATES CHECK ENGINE LIGHT IS ON

CUSTOMER STATED CHECK ENGINE LIGHT IS ON E29

C S WRENCH LIGHT IS ON AND LOOSES POWER

WOULD NOT SHIFT OUT OF HIGH GEARS

CUSTOMER STATES CK ENG LIGHT FLASHING AND LACKS POWER

CK ENGINE LIGHT ON SEEMS TO RUN OK CHECK ENGINE LIGHT ON. CK/ADV DROVE RUNS AND SHIFTS PROPERLY. IDS SET UP AND TEST PO301 RAN OASIS

CHECK ENGINE LIGHT ON. CK/ADV TEST DROVE HAS ENGINE MISS UNDER LOAD IDS SET UP AND TEST PO301 STRESS TEST COIL POOR PATTERN. INSPECT

CK RUNNING VERY ROUGH AT IDLE, DRIVING MISS SKIP, IF ACCELL HARD, BOGGS FALL ON FACE, CK ENG LIGHT CAME ON, BUT OFF NOW ADVISE

CK ENG LIGHT COMING ON STATES SEEMED TO RUN OK COMING OVER HERE (STATES FRIEND SCANNED, STATES CATALYSITS EFFENCICY BELOW THRESHOLD) SEE HISTORY

A
CUSTOMER STATES WHILE
DRIVING ON INTERSTATE, HE FULL
THROTTLED VEHICLE AND IT TOOK
OFF LIKE IT SHOULD. AFTER
EASING OFF THE THROTTLE, THE

A CUST WAS DRIVING ON I 40 AND HAD MASSIVE SHAKING, LOSS OF POWER, CK ENG LIGHT WAS BLINKING. SYMPTOM LASTED FOR APPROX 1 MIN. HAD TO PULL CHECK ENGINE LIGHT ON, RUNS ROUGH, PERFORM DIAGNOSIS.

CHECK ENGINE LIGHT IS ON FAXED RE UESTED DOCUMENTS ON 10/28/2011.

REPAIR FOR MISFIRE AND CEL ON REFER TO RO 288334

E29 REPAIR FOR C.E.L WAS
FLASHING HORRIBLE SHUDDER
FELT THROUGHOUT TRUCK NO
POWER TO SPEC.TOP
SYS BLED.CHK FOR LEAKS
NONE.ERASED CODRESET
KAM RDTEST GOOD

TEST COMPUTER SYS AND RETRIVE CODES FOR DIAG LIGHT ON AND FILLS LIKE SLIGHT MISS

CHECK ENGINE LIGHT ON

CUST STATES FILLED TANK MADE IT 3 MILES UP LEW HILL STARTED RUNNING BAD AND VIBRATING CK LIGHT CAME ON CUSTOMER STATES CHECK ENGINE LIGHT WAS ON AND VEHICLE WAS SPITTING AND SPUTTERING GOING UP HILL SEEMS TO BE RUNNING BETTER SINCE FILLED FUEL UP

CHECK ENGINE ALLUME

CHECK ENGINE ALLUME PAS DE PROBLEME A NOTER

CLIENT STATES WHILE DRIVING WITH THE CRUISE ON THE ENGINE SURGES AND WILL START TO RUN ROUGH AND THE ENGINE LIGHT WILL FLASH CHECK AND ADVISE

CLIENT STATES THE ENGINE LIGHT COMES ON AND WILL BLINK AND TRUCK STARTS TO SHAKE AND HAS A LOSS OF POWER CHECK AND ADVI MOSTLY IN 6TH GEAR 20 MILES ON HIGHWAY MPG DOWN TO 14.5 15.2

CHECK ENGIONE LIGHT ON SKIPS NO POWER ALSO WILL NOT MOVE IN DRIVE AT TIMES

ENGINE SKIPPED THEN THE ENGINE LIGHT FLASHED...THIRD TIME BACK. CONVERTER WAS PREVIOUSLY REPLACED.

CUSTOMER STATES THAT SERVICE ENGINE LIGHT IS ON RUNS OK

CUSTOMER STATES THAT SERVICE ENGINE LIGHT IS ON CAME ON BEFORE HE GOT HOME, CONVERTOR REPLACED

CEL LIGHT STAYS ON

CEL LIGHT ON (SOP IN)

REPORT CHECK ENGINE LIGHT ON AND SPUTTERING

REPORT ENGINE MISS FIRE

VER LUMIERE CHECK ENGINE ET MAN UE

VER ET COR CHECK ENGINE ALLUME ET MOTEUR A MAN UER SELON CLIENT

CUSTOMER STATES THE CHECK ENGINE LIGHT IS ILLUMINATED. VHEICLE HAD LOST ALL POWER AT 50 MPH. NOW IS OPERATING FINE.

CUSTOMER STATES THE CHECK ENGINE LIGHT IS ILLUMINATED BEFORE THE LIGHT APPEARED VEHICLE WAS GETTING VERY GOOD GAS MILEAGE ON HIGHWAY 20.05MPG THEN IT DROPPED AFTER CHECK ENGINE LIGHT

CUSTOMER STATES ON TH EEXPRESS AT ABOUT 70 MPH CHECK ENINGE LIGHT FLASHED FOR 15 SECONDS, CAR HAD HAD A BRIEF LOSS OF POWER AND HAD BLACK SMOKE COMING OUT THE BACK. CUSTOMER STATES THAT WHILE DRIVING, RAN ROUGH, USED ABOUT 1/4 TANK OF FUEL IN 40 50 MILES. NO LIGHTS CAME ON.

CUSTOMER STATES THAT WHEN DRIVING DOWN HIGHWAY THE CHECK ENG INE LIGHT CAME ON AND VEHICLE STARTED SHAKING, PULLED OVERAND LET VEHICLE SIT FOR A FEW MINUTES THEN STARTED AND LIGHTOUT

CUSTOMER STATES THAT THERE SEEMS TO BE A MISFIRE AND THAT THE GAS MILEAGE IS NOT VERY GOOD ADVISE

WHEN ACCELERATING TO PASS A VEHICLE, VEHICLE HESITATED AND CHECK ENGINE LIGHT CAME ON

GENERAL LINE CUSTOMER STATES CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CHECK WHEN PASSING A CAR ENGINE SHUT DOWN THE N THE CHECK ENGINE LIGHT WAS FLASHING AND RUN NING ROUGH SHUT ENGINE OFF AND RESTARTED THEN RAN BETTER BUT FUEL MILEAGE IS ABOUT 13

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 UIT FLASHING.

CUSTOMER STATES THAT THE CHECK ENGINE LIGHT IS ON NO DRIVEABILITY CONCERN NOTICED

CUSTOMER STATES,IN 6TH GEAR STARTS TO MISS FIRE AT ACCELAERA TION,

CUST STATES ENGINE SKIPS WHEN IN HIGH GEAR LIGHT LOAD.SEE HISTORY.

AMBER CK ENGINE LITE WAS ON FLASHING SOUNDED LIKE RUNNING OVER RIPPLE STRIPS IN ROAD AT HWY SPEED ACCL HARD DOWN SHIFTS RPM S HITS 5K AND STICKS THERE ADV

CUST STATES SERVICE LIGHT CAME ON

CUSTOMER STATES VEH DIED AND WILL NOT RUN

CUSTOMER STATES CK ENGINE LIGHT COMES ON

VERIFIER LUMIERE MOTEUR (CHECK ENGINE) EST ALLUM .

VERIFIER LUMIERE DE CHECK ENGINE UI EST ALLUM

WHILE DRIVING AT HWY SPEEDS VEH LOST POWER, CK ENG LIGHT FLASHING

AFTER DRIVING SEVERAL HOURS, PASSING SPEED VEHICLE WILL SHAKE AND CK ENGINE LIGHT WILL FLASH C S THAT WHEN HE WENT TO PASS SOMEONE ON HIGHWAY TRUCKED BOGGED DOWN AND DID NOT SEEM TO WANT TO GO

CUSTOMER STATES CHECK ENGINE LIGHT ON AND RUNS ROUGH CUSTOMER STATES CEL WAS BLINKING AND VEHICLE HAS NO POWER DEAD MISS AND VEHICLE CUT OFF

CUST STATES INTERMITTANTLY WHEN DRIVING ENGINE FEELS LIKE IT MISSFIRES, INSTALL SPECIAL ORDER COILS AND PLUGS

LUMIERE ENGINE ALLUMEE (E29)

COSOMMATION ESSENCE 15.5 A 16 ROULOTTES 22 AU 100 CHANGER BOUGIES 2

CHECK ENGINE LITE ON

MISSES OCCASIONALLY

CUSTOMER STATES WHILE DRIVING VEHICLE STARTED CHUGGING

CUSTOMER STATE MPG HAS GONE DOWN SINCE IN ECTOR REPLACED MINOR CH

CUSTOMER STATES CHECK ENG LIGHT IS ON AND ENG CUTS OUT

E29 CUSTOMER STATES THAT CHECK ENGINE LIGHT IS ON

CUSTOMER STATES CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT IS ON AND **RUNS ROUGH** CHECK ENGINE LIGHT IS ON, RUNS ROUGH WHEN COLD/NO POWER REPAIR FOR THE CEL IS ON REPAIR FOR THE CEL IS ON VERIFIER LUMIERE CHECK ENGINNE ALLUME ET FLASH ET RESTER ALLUME LORS UE FORTE ACCELERATION FAIT A 2 REPRISE ET RESTE ALLUMER MOTEUR A MISSE UNE FOIS INTERMITEMP ET S,EST REPLACE

CK ENGINE LIGHT IS ON.

CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CUSTOMER STATES WHEN CRUISE CONTROL IS ON VEHICLE LOOSES POWER

CUSTOMER STATES AT 50 MPH WHEN VEHICLE GET WARMED UP VEHICLE WILL SKIP WHILE DRIVING

ENGINE MECHANICAL REPAIR CHECK ENGINE LIGHT IS ON PER CUSTOMER RE UESTS ENGINE MECHANICAL REPAIR CHECK ENGINE LIGHT IS ON. HESSITATION OR BUMP ON ACCCELERATION.
PER CUSTOMER RE UESTS

CK ENGINE LAMP IS ON

CK ENGINE LAMP IS ON

CHECK ENGINE LIGHT TROUBLES CUSTOMER STATES THAT WHEN PASSING CK ENGINE LIGHT FLASHED, AND THE NEXT DAY IT STAYS ON CONSTANT. CHECK AND ADVISE CHECK ENGINE LIGHT RUN DIAGNOSTICS AND ADVISE CUST STATES CHECK ENGINE LIGHT CAME ON AND FLASHEDTHREE TIMES AND RPM S REVED UP TO 6K,

CHECK AND REPORT ON ENG LIGHT ON RE LINE 1 CONCERN

CHECK AND REPORT ON CONCERN WITH CHECK ENGINE LIGHT HAS BEEN COMING

LUMIERE CHECK ENGINE ALLUME ET MOTEUR COUPE

VERIFIER LUMIERE CHECK ENGINE ALLUMEE E29

TEMOIN CHECK ENGINE ALLUMER.

TEMOIN CHECK ENGINE ALLUME A REPETITION ET MAN UE DE PUISSANCE.

C S CHECK ENGINE LIGHT IS ON AND ENGINE IS SKIPPING

CHECK ENGINE LIGHT IS ON, ADVISE. SEE HISTORY

(E29) ANOMALIE DU TEMOIN CHECK ENGINE ET MOTEUR BARBOTTE VOIR HISTORI UE

(E29) TEMOIN CHECK ENGINE
ALLUME, RALENTI IRREGULIER ET
MOTEUR MAN UE EN
ROULANT SHORT
INT.REMPKACRE HEGO REFAIT
SELFTEST CLEAR CODE REV
FUSIBLE OK

TOWED IN NO START CRANKS OVER

VEH ON DRIVE.....CHECK ENG LIGHT IS ON....VEH WILL NOT STAY RUNNING....SPUTTERS AND STALLS......

CUSTOMER STATES THE CHECK ENGINE LIGHT CAME ON YESTERDAY. LAST WEEKEND WHEN PASSING WHEN PASSING THE VEHICLE WOULD NOT SHIFT AT ABOUT 70MPH. CUSTOMER ISNT SURE IF PROBLEMS ARE RELATED **CUSTOMER STATES THIS** WEEKEND WHILE DRIVING UPHILL UNDER HEAVY ACCEL THE VEHICLE LACKED POWER. THE RPMS SHOT TO 6500 AND THE CHECK ENGINE LIGHT STARTED FLASHING. HAPPENED MULTIPLE TIMES. PL

LUMIERE ALLUME ET EN ROULANT TOUTE LES LUMIERES ONT ALLUMER ET PAS

VERIFIER MOTEUR STALL ET CHEK ENGINE ALLUME (29) CHECK ENGINE LIGHT ON

C S CHECK ENGINE LIGHT

CHECK ENGINE LIGHT

CLEARED CODES AND DID UPDATE 2 DAYS AGO. CHECK ENGINE LIGHT BACK ON SPITTERING AND SPUTTER NO POWER

CUSTOMER STATES THAT WHILE PASSING A VEHICLE LAST NIGHT ON THE HIGHWAY THE VEHICLE LOST POWER AND THE CHECK ENGINE LIGHT BEGAN TO FLASH. THIS HAPPENED TWICE.
CUSTOMER STATES THE VEHICLE IS GETTING VERY POOR FUEL MILEAGE, THE VEHICLE WILL SURGE WHEN COLD AND ALSO WILL BLOW BLACK SMOKE. INTERMITTENLY THE CHECK ENGINE LIGHT WILL FLASH ON HARD ACCE

CUSTOMER STATES HE WAS PULLING A LOAD AND CHECK ENGINE LIGHT WAS FLASHING SEEMED TO MISSFIRE. CSUTOMER PULLED OVER SHUT OFF AND RESTARTED EVERYTHING SEEMED TO BE OK.

CHECK ENGINE LIGHT IS ON SEEMS TO RUN OK

CHECK TRANSMISSION OPERATION CUST REPORT ERATIC SHIFT, SURGE WHEN COLD REPORT.

VERIFY ENGINE MISS REFER TO RO 185072

CUST STATE ENG CUT OUT LOOSE POWER WORST WHEN TOWING TRAILER

CUST STATE ENG IS MISSING OUT

WAS DRIVING HOME FROM VIRGINIA CHECK ENGINE LIGHT CAME ON VEHICLE RAN ROUGH FOR ABOUT 10 MMINUTES CLEARED UP THEN LI GHT WENT OFF PLS CHECK AND ADVISE

CUSTOMER STATES CHECK ENGINE LIGHT ON

LUMIERE CHECK ENGINE ALLUME ET MOTEUR BO UE

VERIFIER MOTEUR COUPE INTERMITTANT

CHECK ENGINE LIGHT TROUBLE

CHECK ENGINE LIGHT TROUBLE

C/S VEHICLE IS RUNNING TOO PORRLY

C/S VEHICLE SEEMS TO BE MISSING WHEN ACCEL

CUSTOMER STATES CHECK ENGINE LIGHT ON

C S CHK ENGINE LIGHT HAS BEEN COMING ON

DIAG CHECK ENGINE LIGHT IS ON AND VEH RUNNING OK, SEE SHEET ATTACHED FOR CODES PULLED AT ANOTHER DEALER

DIAG CHECK ENGINE LIGHT IS ON AND MILES TO EMPTY IS NOT READING PROPERLY CUSTOMER STATES CHECK ENGINE LIGHT ON HAS A MISS WHEN UNDER HARD ACCELERATION PASSING, ACTS LIKE IT WONT GO ANY FASTER, ONLY WAY TO MAKE IT UIT MISSING IS TO CYCLE KEY C S WHEN ATTEMPTING TO PASS A VEHICLE AND APPLYING GAS VEHICLE LOSES POWER, CEL FLASHED TODAY WHEN THIS HAPPENED

DIAGNOSE ENGINE WAS BUCKING AND MISSING THIS WEEKEND WHEN PULLING TRAILER, CHECK ENGINE LIGHT AND WRENCH LIGHT ALSO CAME ON. LIGHTS NOW OFF

CHECK ENGINE LIGHT IS ON CAME ON YESTERDAY ADVISE

CUST STATES THAT THE ENGINE LIGHT IS ON. PLEASE CHECK AND ADVISE.

SES LIGHT ON
CUSTOMER STATES SES LIGHT IS
ON, PREVIOUSLY HAD AT
ANOTHER DEALER WHICH FOUND
CODES P0300 AND P0430.PLEASE
CHECK AND ADVISE.
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

CONCERN CHECK FOR SOME KIND OF ENGINE NOISE .

C S CK ENGINE LIGHT ON

C S ON ACELL SEEMS LIKE TRANSMISSION IS BUCKING

D36 CUSTOMER STATES TRUCK HAS A MISFIRE ON ACCELERATION, ENGINEERING CONTACT 104743778 CUSTOMER STATES AMBER CHECK ENGINE LIGHT COMES ON MIL WAS FLASHING

REPAIR FOR ENGINE UIT WHIL PASSING (120 KMH) VEHICLE RESTARTED NOW CHECK ENGINE LIGHT IS ON

REPAIR FOR ENGINE STARTED MISSING AT HWY SPEEDS CHECK ENGINE LIGHT CAME ON DROVE FOR APPROX 20 KM BEFORE CHECK ENGINE LIGHT WENT OUT (YESTERDAY)

CK ENG LITE AND NOISE WHEN STARTED

CK ENG LITE ON IDLES ROUGH

SEE CUSTOMER CONCERN 1 SES LIGHT IS ON. WHEN STARTING OUT MAKES A WHIRRING SOUND REALLY LOUD SEE CUSTOMER CONCERN 1 CUSTOMER STATES THAT THE CHECK ENGINE LITE IS ON AND THE ENGINE IS HESITATING AND MISSING PLEASE CHECK AND ADVISE

CHECK ENGINE LIGHT ON, VEN RUNS FINE

CHECK ENGINE LIGHT ON

CUSTOMER STATES CHECK ENGINE LIGHT IS ON AND VEHICLE HESITATES WHEN SHIFTING IN 2ND GEAR

DIAG CHECK ENGINE LIGHT ON

VERIFIER TEMOIN MOTEUR ALLUMEE ET MOTEUR STALL EN ACCELERATION VERIFIER TEMOIN MOTEUR ALLUMEE EN ACCELERATION ET PAS DE PUISSANCE

CUSTOMER STATES CHECK ENGINE LIGHT HAS COME ON

VIBRATION U/45 N22/CUSTOMER STATES DRIVING 70 75 MPH VEHICLE HAS A VIBRATION OR SHUTTER ON ACCEL TRANSMISSION LIGHT IS ON

SERVICE ENGINE LIGHT ON

CUSTOMER STATES CHECK ENGINE LIGHT ON

CUSTOMER SAID WENT TO PASS CAR AND CHECK ENGINE LIGHT CAME ON AND LOST POWER, CAN GO NORMAL BUT IF YOU TRY TO STEP DOWN ON THROTTLE IT SPUDDERS. FUEL ECOMOMY HAS DROPPED WITH ON

C/S HAS TRIED TO PASS A CAR, CEL CAME ON. LOST POWER. SPUTTERS ON THROTTLE OK OFF.

CHECK ENGINE LIGHT ON

CHECK ENGINE LIGHT ON

CUST STATES WHEN ACCELERATING TO PASS TRUCK CUTS OUT AND CHECK ENG LIGHT FLASHES

CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHT ON 09

CHECK ENGINE LIGHT ON 09 CUST STATES TRANS UMPS WHEN SHIFTING AND BANGS INTO GEAR CUSTOMER STATES CHECK ENGINE LIGHT WAS FLASHING AND VEHICLE WAS SHAKING WHEN TRYING TO ACCELERATE CHECK ENGINE LIGHT IS ON LUMIERE CHECK RENGINE ALLUME ET MOTEUR MAN UE A CHAUD

LUMIERE CHECK ENGINE ALLUME

ENG HAS NO POWER WILL NOT GO PAST 20 KMH SES LIGHT WAS ON

SERVICE ENG LIGHT ON DISPLAY SHOWS SYS OFF TO SAVE BATT

ENGINE LIGHT FLASHED

WHEN GOING TO PASS IT SEEMS
LIKE IT SLIPPING OUT OF GEAR.
HAS BEEN IN FOR THIS ISSUE
BEFORE.ALSO HEARING A
PINGING NOISE FROM THE
UNIVERSAL WHEN GOING FROM
DRIVE TO REVERSE OR VICE VERS

CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHT IS ON

AND MISS FIRE. CHECK FOR TAC FLUCTUATING NO ENGINE LIGHT IS ON. **ENGINE SKIP AT TIMES RUNS ROUGH AT IDLE CUSTOMER STATES THAT** SERVICE ENGINE LIGHT IS ON RUNNING OK NOW BUT OVER THE WEEKEND WAS RUNNING ROUGH ON ACCEL INTO TRAFFIC (LIKE VALVES FLOATING) SMOOTHED OUT BUT THEN CEL CAME ON

CHECK FOR ENGINE LIGHT IS ON

CUSTOMER STATES CEL ON

E29 CUSTOSMER WAS DRIVING WITH THE TRACTION CONTROL OFF AND WHEN HE ACCELLED TO PASS ANOTHER VEHICLE THE CHECK ENGINE LIGHT STARTED FLASHING AND REAR END STARTED HOPPING STATED LILE A

E29 THE CHECK ENGINE LIGHT IS ON

MOTEUR COUPE A L ACCELERATION ET IL FAUT ARRETER LE MOTEUR P OUR RE

LUMIERE DE MOTEUR EST ALLUMEE ET MOTEUR COUPE (E29)

CEL IS ON CAME ON AFTER GETTING GAS HAS EASY FILL SYSTEM

CEL ON CAME ON WITHIN 30 MILES OF FILLING UP

CUSTOMER STATES THE VEH SEEMS TO MISFIRE WHEN PULLING A LOAD CUSTOMER STATES THAT WHILE DRIVING THE CHECK ENGINE LIGHT COME ON AND THE VEHCLE WAS RUNNING VERY ROUGH AND NO POWER. CUSTOMER STATES AFTER SHUTTING OFF AND RESTART THE CHECK ENGINE LI

CHECK ENGINE LIGHTTHE CHECK ENGINE LIGHT IS ON. CUSTOMER STATES VEHICLE BUCKING AND ERKING.

CHECK ENGINE LIGHT THE CHECK ENGINE LIGHT IS ON

CHECK ENGINE LIGHTS TROUBLES

CHECK ENGINE MISFIRES

TEMOIN CHECK ENGINE ALLUME ET PRESSION DES PNEUS ALLUMER.

CHECK ENGINE ALLUME (E29)

2011 MY P415 Powertrain Claims

				1											11 47 11											
	A TVT	WTAT		TAT	-		TA T				A T	AT	WA A T		m.	, A		MAT A	T TA	TAT	T MM T	r MM T 2	T M MM T			AM _
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				a t tagged 4 8 024528 74 a t etu ned 4 20																						
S ARK UGS GROUND G 05	ENGINE ENGINE	ES NO	ES N.A	atgiven o m Gibboney 420 N A	BC5DW0 BDIAD0 2	NO NO	NO W E 3B NO W E 9B	2 2	6 6	BA I	KW C3 A	3- eb-	4-Ma -	CROWN ORD BI INGS E ORD INCO NIMERCU 3	20508	2 3 -Ma - 2 -Ap -	2 25	14 5 7	493 39 6 294 48 4	A NC A OK	XROAD ES ED IDS ES DE RAN EEC ES IGNI ION E	EC VENO 6 UG S AND RACE W RIN	WHEN ACCE ERA ING ID AG CHECK ENGINE 10	S S V29 S 0 S V29	0	CC
				Submit ed e pedite ship 4.25						Ш															Ш	
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D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N A N A	N A BEEA 0 5	NO NO	NO W E 3B NO W E 0B	2 2	6 6	BA I	KW C3 A	2 Ma -	30-Ma - 2-Ma -	RUXER ORD INCO N NC HO MAN ORD INC 2	DIAG 10 2029	2 30-Ap - 2 5-May-	2 8	3 0.00	34.95	A IN	WE VERLIED HE CHEC D	A ASS CODES RE NO ISO A E AU			0	CC
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N A Submit ed e pedite ship 5 0	N A	NO	NO W E 9B	2	6 8	BAI	KW C3 A	2 an- 28 Ma -	2-Ma - 2-Ap -	HO MAN ORD INC 2 RUXER ORD INCO N NC 5	2029 DIAG	2 5-May- 4 8-Ap -	2 440	0 00	3 30 2 34 95	A IN	WE VERLIED HE CHEC D ROAD ES NOMS RE E	ES ED EEC ASS	72 CUS OMERS A ES	S S V52	0	C C
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D AG - 0430 D AG - MIS IRE	EXHAUS ENGINE	NO NO	N A N A	N A N A	N A N A	ES NO	NO W E 9B NO VX E 8BK NO W E B	2 2	6 6	BA I	KW C3 A KW C3 A	3 Ma - 2 an-	28-Ap - 5-Ma -	G AU OMOBI E EE OE HA ORD INCO N MERCUR 8	5 00E 2 2 DIAG N	2 3-May- 0-May-	2 2	7 000	58 38 B	A C	ASSER EIDS CODE 0430 SCANNED D CS NONE ES	EN MEMOIRE MAIS N DROVE NO ROB ER	EMOIN CHECK ENGINE ICUS S A ES I ED A	A 24 A V29 S 2 S V49	0	C C SOUND NVH
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D AG - MIS IRE GROUND G 05	ENGINE ENGINE	NO NO	N A N A	N A	BE A200 N A	NO NO	NO W E B NO W E 28K NO W C 7B	2	6 6	BA I	KW C3 A KW C3 A	23- eb-	2-Ap -	GA ORD ORD INC-MERC INC ROCKDA E COUN R ORD	DIAG	2 6-May-	2 3	9 000	08 59 2	A MI	RAN EEC CA ED HO I W. ROAD ES ED UNAB E OF EEC ES AND RE REVE O	ES SHOWS NO C	CUS OMERS A ESON	S S V29	0	CC
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UE N EC OR	ENGINE	ES	ES	a t g ven io Geo ge Reno 8.2 Submit ed e ipedite ship 6.3	BEIB 005	NO	NO X E 4B	2	6 8	BA I	KW C3 A	5-Ap -		USKE SA ES SERVICE D 3	3 9 593 B	2 9-May-	. 2	445.2	530 56 28	A NS	X38 EEC ES ED CODES I II	ON COI ES ASSE	ENGINE SKI A MES	A 32 A V29	0	СС
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CA A IC CONVER ER	EXHAUS	ES	ES	atgiven o as ode a 6.5	BEZB603	ES	NO WEXB	2	6 8	BA I	KW C3 A	30 Ma -	24-May-	GA ORD ORD INC-MERC INC	3 5 00E 2 2 E	2 3 -May-	200	4 0 74	582 77 2	A MI	RE ROMED E EC RONE	ES ED A ASS	CUS OMERS A ESCHI	S 0 S V29	0	СС
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	ENGINE	ES NO	ES N.A	N A	BC5DW0 BEZB603	NO ES ES NO	NO W E 3B NO W E XB	2	6 8	B A I	KW C3 A	3- eb-	4-Ma - 24-May-	CROWN ORD WA SEKA ORD INCO N NC 0	0 3 5 00E 2 2 E 0 2029 0 2 3 0 6009 3 9 503 B 0 3 5 00E 2 2 E 0 5 00E 2 4	2 26-May-	3 76 3 3 2 3 5	10 397.7 16 68.63	733 60 4 92 44 2	A NC	ROAD ES ED DC DIS CHECK ENGINE IGH NO	RE RODUCE MISS	GENERA NE V BRA ON U 45 N22 CUS	S 0 S V89	0 RI	C C
S ARK UGS UE N EC OR	ENGINE ENGINE	NO NO	N A N A	N A N A	N A BDUCN006	NO ES	NO W E 6B NO W E 6B	2 2	6 6	BA I	KW C3 A	5- eb-	3-May- 6-Ma -	SUCCES ORD NC ARCHIE COCHRANE MO ORS INC	6 6009	2 30-May- 2 24-May-	3 5	9 486	92 44 2 73 60 2 5 2	A M	XVERI IER AI E SOR R CO	SEMB ED AND RE ES	VERI IER UMIERE CHE CHECK ENG NE GH IS	A 242 A V29 S S V29	0	CC
UE N EC OR	ENGINE	NO	N.A.	N A	BE A200	NO	NO W E 28K	2	6 1	BA I	KW C3 A	23- eb-	2-Ap -	GA ORD ORD INCO N NC	6 6009 3 9 503 B 3 9 500E 2 2 E 3 5 500E 2 2 E 6 5 500E 2 4 6 22 5 6 600B 7 2029 X 9 5 500E 2 2 E 8 600B 8 7 2029 X 9 5 500E 2 2 E 8 7 200 X 9 5 500E 2 2 E 8 7 2 2 E 8 7 2 2 2 2 E 8 7 2 2 2 2 E 8 7 2 2 2 E 8 7 2 2 2 2 2 2 E 8 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 3 -May-	2 9	18 283 64	638 36 5	A MI	WINNE COVER CONCI	N EC OR IDDITE NO	CUID OMED O A EO LA	S 0 S V52	0	СС
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	B CDB008 BEEA 0 5	ES NO	NO W E 3B NO W E 0B	2 2	6 6	BA	KW C3 A	20 Ma -	27-May- 2-Ma -	HAVRE ORD HO MAN ORD INC 5	0 3 5 00E 2 2 E	2 3- un- 2 4- un-	4 46	397.7 9 496.86	88 5 7 596 23	A M A C A MO	EEC 0430 N O N ES F	CH HAD CHECK GROU RE ACED CA CONV	CHECK ENGINE GH O	S 0 S V29 S 0 S V29	0	CC
D AG - 0420 S ARK UGS	EXHAUS ENGINE	NO NO	N.A.	N A	N A N A	ES	NO W E 6B NO W E 7B	2	6 6	BA I	KW C3 A	7- eb-		BOMMARI O ORD G AU OMOBI E EE	5 00E 2 4	2 29- un-	- 7	0.00	2.9	A MO	VERI IED ENGINE IGH NO	CUS OMER OOK AND	CUS OMER S A ES CHI EMOIN CHECK ENG NE	S S V29	0	CC
D AG - MIS IRE D AG - MIS IRE	ENGINE	NO NO	N A N A N A	N A	BGEC 0 9 B 4BW00	NO NO	NO WE 7B	2 2	6 6	BA	KW C3 A	4 an-		ON BE EN SONS ORD NC S OKES-CRAVEN ORD 4	0 6006	2 4- ui- 2 27- un-	3 40	10 4 86	2 9 92 42 43 00 74 53	A MI	CHECON WI H DS CHEC E EEC 0430 N ON ES F VERI IED ENGINE IGH NG X ASSER E IDS CODE 030 ER ORM EEC ES DIAG CODE 0306 COI AND 6	ORD C 30D ER (D AGNOSE ENGINE WAS	8 2 S V29	0	CC
D AG - MIS IRE	ENGINE ENGINE	NO	N.A.	N A	B 4BW00	ES ES NO ES ES NO	NO W E 9B NO W E 4B	2	6 8	BA I	KW C3 A	3 Ap -	4-Ap - 3-May-	S OKES-CRAVEN ORD 4	2029	4 30- un-	2 3:	2 000	74 53	A SC	CODE 0306 COL AND 6	ER ORM IDS REMOVE	CS HA WHEN HE WEN	S 0 S V52	0	C C
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NO	N A N A	N A	N A N A	NO NO	NO W E 6B NO W E BK	2 2	6 6	BA	KW C3 A	7- eb-	29-Ap -	ANDERSON ORD INCO N MERCUR GERARD HUBER AU O EE	0 3 5 00E 2 2	2 6- ul-	3 633	9 520 44	737 86 2 60 8	A MO	CK ENGINE IGH ON CA OD AI VER VEH VER D C 2	OU ES NORMA EN	CK ENGINE IGH IS ON VER UM ERE CHECK E	A 23 2 A V29	0	CC
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N A	N A N A	ES NO	NO X E 0B	2	6 8	BA I	KW C3 A	7- ab-		DU ON DU ON ORD INCO N	3 4C088 E	2 29- un-	3 400	65.73	50 6 B		DS ES 030 REM ACE SSM 2 703 RESE M S RE	R COLE BOUGIES	UMIERE CHECK RENGI CHECK ENGINE GH O	A 202 A V29	0	C C MA LINC ION
CA A IC CONVER ER	EXHAUS	NO NO	N.A.	N A				2 2	6 6	BA	KW C3 A	8- un- 0-May-		B AINVI E ORD NC	0 3 5 00E 2 2 E	2 4- u-	2 390	5 504 77	6 6 3 6	A KS					0	C C
D AG - MIS IRE D AG - MIS IRE	ENGINE ENGINE	NO NO	N.A.	N A	N.A	NO	NO W C 6BK	2	6 8	B A I	KW C3 A	24- eb-	24- un-	SUMMERVI E ORD NC 5	6C3 5	2 9- u-	300	0 0 0	83 88 35 7	A SC	0300 0305 0306 0430	LOFD DE FO	CUS OMERS A ESCHI	S 0 S V29	0	СС
CO CO	ENGINE	NO NO	N.A.	N A	N A N A	NO NO	NO WE 8B	2	6 6	BA I	KW C3 A	28 Ma -	5-Ap -	A MA ORD INC	2029	2 22- u-	4 77	8 55.33	69 45	A C	UICK ES CODE 0430 I	ES CA A SEUR OK	UMIERE CHECK ENGIN	A 25 A V29	0	CC
00		NO NO	N A N A N A	N A	N A N A	NO NO	NO WE 8B	2	6 6	BA I	KW C3 A	3 an- 8- un-	23- eb-	S AN E ORD-MCGREGOR	2029	4 20- u -	2 30 30 3 36 4 77 5 280 24	0 000	69 45 0 7 24 8	A X	SE ES ASS ES DRIV	E HAS M SS UNDER	CUS S A E ENG CU C CHECK ENG NE GH O CUS OMER S A ES DRI	S 0 S V52	0	MA UNC ION
co	ENGINE ENGINE	NO NO	N.A.	N A	BGSDA00	NO	NO WE OB	2	6	BA I	KW C3 A	8-Ma -	28-Ma -	CAUSEWA ORD INCO N 5	0 3 2029 C	4 8- u-	4	43 89 67	298 4 2	A N	ROAD ES RUCK ES UG	WE RE ACES A	CUS OMERS A ESDRI	S 0 S V52		
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A N A	N A N A	BGSDA00 N A BGRAO009	NO NO ES NO NO NO NO NO NO NO NO	NO WEBK NO WEB	2 2	6 6	B A I	KW C3 A	4 Ap -	29-Ap - 29-Ma -	B ANN/I E ORD NC S DU ON DU ON ORD INCO N A MA ORD NC S AN E ORD MCOREOOR OHN NOR H ORD NC CAUSEWA ORD NC OS GERARD HUBBER AU O EE USKE SA ES GERVICE O S AN E ORD MCOOR S OR S ORD NC ON S GERARD HUBBER AU O EE USKE SA ES GERVICE E S AN E ORD MCOORD	6C3 5 DIAG DIAG C 2029 C 2029 C 3029 C 3029 C 3 2029 C 3 500E 2 2 E C 3 500E 2 2 E C 5 500E 2 2 E	5 7- ul- 2 8- u-	4 3 63 4 04 6 300	85 533.90	8273 68	A C	A SCAN ES D.C. O.A.	CA S O ENGINEER	VER E COR CHECK ENG CHECK ENG ONE GH	A 2 0 A V44 A 3 0 A V29	0	MA UNC ION
CO	ENGINE	NO	N.A.	N A	N A	NO	NO W E 8B	2	6 8	BA I	KW C3 A	3 an-	23- eb-	S AN E ORD-MCGREGOR	0 3 2029 C	3 26- u-	6 300	83 58 88 8 0 00 12 5 9 33	60 58	A X	SE ES CODE 0304 N	ON ES IGN ES	CUS S A E ENG IS MIS	S 0 S V52	ō	CC
S ARK UGS CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A	BG2C4003	NO NO	NO W E 0B NO VX E 88K	2 2	6 6	BA	KW C3 A	28-May- 3 Ma -	2- un- 28-Ap -	S IRI ORD INC ESGA ERIES ORD INC	0 2405 0 3 5 00E 2 2 E	2 28- u-	2 73: 4 58	8 000	63 0 770 56 2	A MI	ES EECV N ON E 61	ES OK RE EASED REM ACER BOUGES	CUS OMERS A ESCK CHECK ENGINE A UME	A 2 0 A V29	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	BG AU003 BG A 004	NO NO	NO W E 0B	2	6 6	BA I	KW C3 A	28-May- 25- eb-	2- un- 8-Ma -	S IRI ORD INC ASA E ORD INC 4	5 00E 2 2	2 8- u-	2 73:	8 46.29 3 509.62	292 26 3 857 36 4	A MI	DS ES KOEC 0300 (E	AS OK CON AC ED	CUS OMERS A ESCK CHECK ENG NE A UME CK ENGINE IGH ON SE VERI IER EMOIN MO E	S 0 S V29	0	CC
CO IC CONVER ER	ENGINE ENGINE	NO NO	N A N A		N A N A	NO NO	NO W E 7B NO VX E 7BK	2 2	6 6	BA I	KW C3 A	4 an- 4 Ma -	4- eb-	G AU OMOBI E EE	0 3 5 00E 2 2 E	2 - u-	6 82 4 83	13 509 62 18 55 33 1 55 33	8 82 55 98 2	A C	XVERI IER A AIN E ASSI SCAN ES HAD CODE 030	ME RESURBANKS	EMOIN CHECK ENG NE	A 24 A V29	04	CC
co					N A	NO NO	NO VX E 7BK	2	6	B A I	KW C3 A		4- eb- 3-Ap -		0 3 2029 B 0 3 2029 C 0 3 2029 C	2 28- u-		55 33	55 98 28	A NB	SCAN ES HAD CODE 030	4 C INDER 4MS	EMOIN CHECK ENG NE CHECK ENG NE GH S CHECK ENG NE GH O ENG HAS NO OWER WI	A 32 A V29	0	СС
S ARK UGS	ENGINE ENGINE	NO NO	N A N A		BGED4005 BHDAN007	NO NO	NO W E 08 NO X E 08	2	6 8	BA	KW C3 A	2 un- 28- eb-	24- un-	OX MAR UE E SHANAHAN ORD NCO N SA ES 2	2 2023	2 0-Aug- 4 3-Aug-	2 371	8 97	88 56 2	A ON	ROAD ES RUNS BAD MI XVERI IED CONCERN ROA 4	5 UGS RANS ER	ENG HAS NO OWER WI	A 02 A V52	0	C C
D AG - MIS IRE UE N EC OR	ENGINE ENGINE	NO NO	N A N A	N A N A	BHBBC007 B 2DO009	NO NO	NO W E 9B NO W E B	2 2	6 6	BIA I	KW C3 A	23-May- -Ma -	5- un- 3-Ap -	RO CA ORD OMEARA ORD CEN ER INC			2 295	58.88 18 9.7 19 0.00 18 390.08	38 38 88 56 2 7 66 0 05 32 6	A CO	XVERI CONCERNIDS ER X ES WI H DS CODE 0 EI	ZZ ESZ ² FS	D36 CUS OMERS A ES C IEN S A ES WHIFF	S 2 S V52 S 0 S V40	04	CC
UE N EC OR	ENGINE	NO	N.A.	N A	BG2BK005			2	6	BA	KW C3 A	29-May-	23- un-	DE ROI AKES ORD	3 9 593 B 3 9 593 B 0 3 5 00E 2 2 E 0 3 5 00E 2 2 E	4 28- u-	2 6	7 455 4	990 43 7	A MN	X ES WI H DS CODE 0 EI	OR RESEA ED REA	CUS OMERS A ESWH	S 0 S V52	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A	N A N A	BHDAN007 BH C50 4	NO NO	NO X E 08 NO W C 78	2 2	6 6	BA I	KW C3 A	28- eb- 2 Ap -	24- un- 27- u -	SHANAHAN ORD NCO N SA ES 3 B G COUN R ORD NCO N 8	0 3 5 00E 2 2 E	2 8-Aug- 2 0-Aup-	2 4 1	9 504 77 589 86	692 55 2 7 0 50 2	A ON	VCC ER ORMED EEC 3	UGS ON BANK 2 C	SERVICE ENG. GH. ON CUS OMER S. A. ES CHI	8 0 8 V29 S 0 8 V29	0	CC
CA A IC CONVER ER	EXHAUS ENGINE	NO NO	N A N A	N A	BGVD 002 BG D 009	NO NO	NO W C 6BK	2	6 6	BA I	KW C3 A	24- eb-	24- un- 30-Ap -	SUMMERVI E ORD NC 6 OWN COUN R ORD E CI 9	0 3 5 00E 2 2 E	2 2 - u - 2 25 - u -		70 92 5	999 60 5	A SC	VERI CONCERNIDS D 0 VCC ER ORMED EEC 3 0430 CAR E RA 2 H AR X ER ORMED A EEC EAR	GROUND WIRE UND	CUS OMERS A ESCHI CUS OMERS A ES HA	S 0 S V29	04	C C
D AG - 0490 S ARK UGS	EXHAUS ENGINE	NO NO	N A N A	N A	BH A 0 3 N A	NO	NO W E 0B NO VX E 7BK	2	6	BA	KW C3 A	29 Ma - 4 Ma -	22-Ap -	BOSHEARS ORD SA ES INC VISION ORD INC	2A650 2405	2 0-Aug- 2 7-Aug-	3 2 4 48 5 89	6 000	48 07 27 94 0 8	A MI	VER I CE DS SE ES CHECK ENGINE IGH ON	CODE 0430 CUS ON	CUS OMERS A ES CHI	S 0 S V29	0	C C
			N.A.	N A N A	N A BHSBZ000	NO NO	NO VX E 7BK	2 2	6 6	BA I	CW C3 A	4 Ma -	22-Ap - 3-Ap - 7- un-	VISION ORD INC	2405 N	2 7-Aug-	5 895	6 000 7 486 4 000	27 94 08		R 03 FEC. ES ED NO CODE	ES DRIVE ND ENG		A 32 A V29	0	C C
D AG - MIS IRE CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A	BHSBZ009 N A	NO NO	NO	2	6	BA	KW C3 A	4 May- 3 an-	7- un- 20-May-	USKE SA ES SERVICE D 3 BOBSWO E ORD INC	N 0 3 5 00E 2 2 E	2 7-Aug-	3 500 3 63	34 0 00 3 397 7	495 55	A NS	8 03 EEC ES ED NO CODE ES DS CODES 0430 BAN	K 2 DRIVERS SIDE RE	ENGINE IGH ASHED CHECK ENGINE GH O	S 0 S V29	ŏ	C C
S ARK UGS CO	ENGINE ENGINE	NO NO	N A N A	N A N A	BHW 748 B MA4022	NO NO	NO X E 58 NO W E 78	2 2	6 6	BIA I	KW C3 A	20 Ma - 8- an-	7-Ap - 28- eb-	AU OMOBI ES ERRON EAN DUMAS ORD	0 2 2029	4 23-Aug- 2 0-Aug-	5 99 6 78	2 4.86 3 80.57	77 88 34 85 2	14 6	X ES CODE 0306 C INDRI CONS IM OSSIB E DE AI	E NO6 0430 CA A I RE RODUIRE ANOM	MO EUR COU E A ACC UMIERE CHECK ENGIN	A 24 A V52 A 23 2 A V20	0	CC
CA A IC CONVER ER	EXHAUS	NO	N.A.	N A	BHW 748			2	6 8	BA	KW C3 A	20 Ma -	7.00 -	ALL OMOBILES ERRON	0 3 5 00E 2 2 E	2 25-Aug-	5 99	D 604 77	509.64	A C				A 2 0 A V29	0	CC
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A	N A N A	BH A 0 3 N A	NO NO	NO W E 0B NO W E B	2 2	6 6	BIA I	KW C3 A	29 Ma - 3 Ma -	22-Ap -	DOENGES ORD CHAM ION ORD SA ES INC	3 5 00E 2 2 E 3 5 00E 2 2	2 6-Aug- 2 8-Aug-	4 58 3 43	15 397.7 14 645.48	502 58 854 62 3	A OK	VERLIED CONCERN 0490	BANK 2 CA A C.F.	CUS OMERS A ED CH	S 0 S V29 S 0 S V29	0	CC
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N.A.	N A	BH3AW005	NO NO	NO W E 7B	2	6 8	BAI	KW C3 A	2 Ma -	29-Ma -	DOENGES ORD CHAM ION ORD SA ES INC E C RCUI ORD NCO N EE SUCCES ORD NC	2 3	2 26-Aug-	6 39	397 7 84 645 48 23 4 86 85 0 00 5 633 0 86 504 77	33 95 5 28 0	A C	XROAD ES UICK ES IN	E VERI IER G 05 OK	CUS OMER S A ED CH CUS OMER S A ES HA (E29) ANOMA IE DU EM MO EUR A M SSE UNE	A 2 8 A V29	0	CC
D AG - MIS IRE CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A N A	N A	N A N A BH DC003	NO	NO W E 6B NO X E 4B	2 2	6 6	BA I	KW C3 A	5- eb-		CHAM ION ORD SA ES INC DISCOVER ORD SA ES D	0 3 5 00E 2 2	2 26-Aug- 3 25-Aug- 2 8-Aug- 2 0-Aug-	4 5 0 2 5 1	5 633 0	5 28 0 8 842 24 3 792 22 3	A C	VERI IER CODE AUCUN COL VERI IED CONCERN 04 ER	AND BO H CONVER	CUS OMERS A ES HA CHECK ENGINE I E ON	S 0 S V29	0	CC
	EXHAUS	NO NO	N A	N A	BH DC003	NO NO	NO WE 0B NO WE 7B NO WE 7B NO WE 6B NO WE 6B NO WE 6B NO XE 4B NO WE 5B NO WE 5B NO WE 5B NO WE 5B	2	6	B A I	KW C3 A	5-May-	24- un- 9-Ap -	DISCOVER ORD SA ES D	2 3 DIAG 0 3 5 00E 2 2 0 3 5 00E 2 2 E 0 3 2029 B 0 2405	2 0-Aug-	2 5 5	6 504 77	792 22 3	A SK	VERLIENE A RE ES CO. 679 VERLIED CONCERN 0430 VERLIED CONCERN 0430 VERLIED CONCERN 0450 VERLIED CONCERN 04 ER SCANNED OR CODES III X DS ES ED CODE 030 09 955 2405 42 CONDUC SH	MES ES INGEVER	CHECK ENGINE I E ON	A 4 0 A V29	0	C C
S ARK UGS S ARK UGS	ENGINE ENGINE	NO.	N A N A	N A	N A BH4CX00	NO	NO W E 0B	2	6	BAI	KW C3 A	28 Ma - 8-May-	9- u-	CAMIC ARK ORDISA ES D 3 RIEND ORDINC 9	3 2029 B 2405	2 24-Aug- 2 30-Aug- 2 24-Aug-	2 9	0 60 9 7 5 7	84 68 2	A MO	955 2405 42 CONDUC SH	OWED 4 AND 6 C	CHECK OR ENGINE G C S WRENCH GH IS O	S 0 S V29	0	CC
S ARK UGS	ENGINE	NO NO	N.A.	N A	N.A.	NO	NO WESB	2	6	BAI	CW C3 A	9-Ma -	3 -Ma -			2 24-Aug-	5 07	09 486	20 95 28	A C				A 25 A V29	0	C C
CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NO	N A N A	N A	N A BHSA 005	NO NO	NO W E 3B NO W E 7B	2	6	BA	KW C3 A	2 Ma - 0 un-	30-Ma - 9- u -	RUXER ORD INCO N NC 3 HA DEMAN ORD 0	3 5 00E 2 2 E	2 3 -Aug-	5 96: 2 26:	483 63 19 944 7	567 52 248 5 3	A IN	ES ED EEC V 0430 DA A VERI IED CONCERN CHE A	SSENGER CA CONV	CUS OMERS A ES HA CHECK ENG NE GH O	S 0 S V29	0	C C
S ARK UGS D AG - MIS IRE	ENGINE ENGINE	NO NO	N A N A	N A N A	N A BHSD 004	NO NO	NO W E 3B	2 2	6 6	B A I	CW C3 A	22-May- 26- eb-	9- ul-	BI HOWE ORD INCO N INC	N N	4 9-Aug.	2 800	15 33.2 14 0.00	83 88 2 56 96	A GA A SC	ER ORM DIAG KOED KOEF	DER OAD RE ACE	AMBER CK ENGINE I E WHI E DRIVING A HW	S 2 S V29	0	CC
CA A IC CONVER ER D AG - 0430	EXHAUS EXHAUS	NO NO	N A N A	N A	N A N A	NO NO	NO X E 4B NO W C XB	2	6	B A	KW C3 A	- un-		CHAM ION ORD SA ES INC	3 5 00E 2 2 E	2 30-Aug- 2 23-Aug-	2 2		553 08 96 93	A A	0420 E HAND CONVER ABOR O VERI CONCERI	ORE ICENC BE	CUS OMERS A ESCE	S 0 S V29	ŏ	CC
D AG - 0490	EXHAUS EXHAUS	NO NO	N.A.	N A N A	N A BH BEO07	NO NO	NO W C XB	2 2	6 6	BIA I	CW C3 A	9 an- 26-May-		CHAM ION ORD SA ES INC GU COAS ORD 6 HER R CH ORD O EAS ON EAN DUMAS ORD	00 3 5 00E 2 2 E DIAG DIAG 00 3 5 00E 2 2 E	2 23-Aug-	3 86	7 000	96 93 74 9	A X	DIAG OR CONCERN AND	N IDS D AG KOEO KO	CUS S A ES CK ENGIN	S S V29	0	0.0
D AG - 0430 CA A IC CONVER ER	EXHAUS EXHAUS	NO	N A N A	N A	BH BE007 B MA4022	NO NO	NO W E 7B	2	6	BA	KW C3 A	8- an-	28- eb-	EAN DUMAS ORD	0 3 5 00E 2 2 E	2 30-Aug-	7 06	6 0 00 504 77	709 06 2	A C	DIAG OR CONCERN AND CONS CHECK ENGINE A I	ME RENDRE CODE	ENGINE MECHAN CA R VERI IER UMIERE CHE	A 2 0 A V29	ŏ	c c
S ARK UGS CA A IC CONVER ER	ENGINE EXHAUS	NO NO	N A N A	N A N A	BG2BK005 BH5A 005	NO NO	NO W E 5B NO W E 7B	2 2	6 6	BIA I	KW C3 A	29-May- 0 un-	23- un-	DE ROI AKES ORD HA DEMAN ORD 2	2405 0 3 5 00E 2 2 E	2 7-Aug- 2 30-Aug- 4 7-Sep- 2 6-Sep-	3 300 2 29	9 526 97	4 86 589 86	A MN	ES WI H DS NO CODEN DIAG AND OUND CODE RE	HEMRE ACE UG MOVED HE ASS CA	CUS OMERS A EM G	S 0 S V52 S 0 S V20	0	CC
CA A IC CONVER ER	EXHAUS	NO NO	N.A.	N A	N.A.	NO	NO WEB	2	6	BA	KW C3 A	3 Ma-	2 -May-	CHAM ION ORD SA ES INC	0 5005 0 0 5			8 487 59	596 35	A A	VERI IED CONCERN DS CO	DE 0430 H CONVE	CUS OMERS A ES HA	S 0 S V29	0	CC
D AG - 0430 CO	EXHAUS ENGINE	NO NO	N A N A	N A N A	N A B GDZ006	NO NO	NO W E 88K NO W C 58	2 2	6 6	BIA I	KW C3 A	23 Ma - 26-May-	9-Ap - 30- un-	B UE R DGE NOR H GEORGIA ORD IRM N ORD INC	DIAG	2 7-Sep-	6 66	0 00	99 03 032 33 4	A GA	CODE 0430 CA A IC CO VERI IED CONCERN CK NS	NVER OR BE OW S	CUS OMERS A ESCHI CSVEHCE ISRUNNING	S 8 S V29 S 0 S V29	0	CC
CA A IC CONVER ER	EXHAUS	NO NO	N A N A	N A	N A BHOA700	NO	NO W E 3B NO W E 8B	2	6	B A I	KW C3 A	22-May-	9- ul- 8- eb-	GW NNE ACE ORD INCO N 7 DU UIS ORD INCO N INC 0	0 3 5 00E 2 2 E	2 2-Sep-	3 86: 7 8	8 440 09 2 39 80	624 33 2	A GA	EEC ES DC MONI OR EX XROAD ES AND NO ABIKIN	HAUS BACK RESSI	CUS S A ES SERVICE CHECK RANSM SS ON	S 0 S V29	0	СС
S ARK UGS	ENGINE	NO NO	N.A.	N A	N A	NO	NO W E 8B	2 2	6	BA I	KW C3 A	2 an-	8- ab-	BOUCHARD ORD	u a 2029 B	4 4-Sep-	6 7	∠ 39.80 27 9.7	288 27 2 25 80 2 8	A C	X ES N EC ION E EC RER	RO I DEM SIRE	COSOMMA ION ESSENC	A 25 A V 7	0 E	EC R CA

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2011 MY P415 Powertrain Claims

The column The		A				- A				111 1				IIII AT II		П	1 1	тит	1	1	ш	шт	
March Marc	A T TA	A TVT		TAT	т	AV TA T	v	0.00			A T	WA A T	Α	M A	A T	MM A	MAT A T TA	TAT	T MM T	T MM T 2 T	M MM T	AIT	AM T
## 15 Company	D AG - MIS IRE	ENGINE	NO NA NA		N A	NO NO	W E 28K	2	6 E	BA KW	C3 A	24- eb- 28- eb-	GENES E ORD C 3	3 DIAG	2 6-Sep- 7	8 28		0 A NE	ES EEC S S EM CO	ODE 0305 IN S. S. EM. ESICUS	OMERSAES HAS	2 S V29	0 C C
## Company Com	CRANK SENSOR	CC	NO NA NA	BG	3BC009	NO NO	W E 3B	2	6 E	BA KW	C3 A	24-May- 27- un-	HUNDER BAS N ORD C	3 3 6C3 5 A	0 29-u- 2	92	28 22 294 08	3 A W	VERI IED CONCERN EE	EQ D 049 VO S D CUS	OMERS A ES VEH S	0 S V52	04 C C
The content of the	CO S ARK LIGS		NO NA NA				X C 3B W F 3B	2	6 E	BA KW	C3 A	22- eb- 0-Ma - 5-Mov. 24-Mov.		BG 3 2029 C	2 4-Sep- 7 3 2-Sep- 4	0032	64 05 260 96 3 00 89 99	2 A CA	RE ACE 2 (RIGH) CO	N AND UGROAD ES ROUS	OMERS A ESCHE S	0 S V29	0 C C
The content of the						NO NO	W E 0B	2	6 E	BA KW	C3 A	8-May- 9- u -	CHINO HI S ORD	3 9 593 B	3 9-Sep- 2	3546	3 5 64 773 94	5 A CA	XCK ENG NO SHI NG	CD O ER AN N OW WOU	D NO SHI OU S	0 S V52	6 C C
The column			NO NA NA	Bu Bu	AC 007	NO NO		2 2	6 E	BA KW	C3 A	5 an- 27-Ap -	EAS COUR ORD NCO N SA ES	B0 3 2029 C	2 6-Sep- 6 2 -Sep- 5	2299	66 00 3 4 26	2 3 A ON	COM E E EEC S S D	IAG ES CHECKED ID CHEC	K AND RE OR ON A	22 A V29	0 C C
The column	D AG - MIS IRE	ENGINE	NO NA NA	B	N A SBZ0 6	NO NO	W E 5B	2 2	6 E	BA KW	C3 A	9- ul- 3-May, 20- un-	SE HWAD E ORD INCO N	3 2A650	2 9-Sep 2 9-Sep- 4	374	0.00 4.44	A OK	CHECKED FEC S S FA	AND OUND 0300 CHECCUS	OMERS A ESCHE S	0 S V29	0 C C
The column	D AG - MIS IRE	ENGINE	NO NA NA		N A	NO NO	W C 5B	2	6 E	BA KW	C3 A	3 un- 25- u-	KEN COX ORD INC	3 N	4 4-Sep- 2	2328	0 00 55 66	A A	RAN EEC ES NO D C	S MONI ORED D DA A RCHEO	K OR ENGINE MIS S	S V52	0 C C
## 15 19 19 19 19 19 19 19	CA A IC CONVER ER	EXHAUS	NO NA NA	В.	N A AC 007	NO NO		2 2	6 E	BA KW	C3 A	5-Aug- 5-Sep- 5 an- 27-Ap -	EAS COUR ORD NCO N SA ES			2299	557 92 7 4 9	2 3 A ON	AS ER HO NE 048	6947 DIAG RE ACE CA CHEC	KANDRE OR ON A	0 A V29	0 C C
The column	D AG - 0430 S ARK LIGS	EXHAUS ENGINE	NO NA NA		N A	NO NO	W E 9B	2 2	6 E	BA KW	C3 A	23 Ma - 22 Aug.	A MI KEN ORD INC 9	B DIAG	2 20-Sep 27-Sep	6457 730	0 00 76 59 3 00 27 54	A MI	ER ORM SE ES	O300 O430 N.S. S. EM CUS	S A ES HA HE S	2 S V29	0 C C
The column		ENGINE	NO NA NA	В.	ZBA0	NO NO	W E 7B	2	6 E	BA KW	C3 A	4- un- 30- un-	BOB SIGH ORD NC 9			4689	92 5 484 67	3 A MO	SCAN CM HAS CODES	R GROUND CK S OR CUS	OMERS A ESHE S	0 S V29	0 C C
Column	CO	ENGINE	NO NA NA	B,	VBH0 3	NO NO	W E 7B	2 2	6 E	BA KW	C3 A		V C BALE ORD INCO N NC 5	B0 3 2029 C	2 22-Sep- 3	234	92 5 3 4	2 A SC	VERI CUS OMER CO	ON ACED BANK 2 COLS AND S C	HECK ENGINE IGH S	0 S V29	0 C C
Column	UE N EC OR		NO NA NA	BH	ISD 004	NO NO	W E 4B	2	6 E	B A KW	C3 A		C ASS C ORD NCO NO CO UMB 4	3 9 593 B	5 3-Sep- 2	7284	350 68 8 5 84	5 A SC	XROAD ES UCK ES	S D 6IN EC ORS RE A EI	R DRIVING SEVERA S	0 S V44	MA UNC ION
Column C	CO CONVER ER	ENGINE	NO NA NA	BG	RAO009	NO NO	WEB	2	6 E	BA KW	C3 A	4 Ma - 29-Ma -	USKE SA ES SERVICE D 9	80 3 2029 B	2 26-Sep- 7	893	66 00 3 5 38	312 A NS	X30508 BANK 2 COL S CO	DUE M IME IS OR AWA ENGI	E SKI ED HEN A	3 8 A V29	0 00
Column C	CO CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA		N A N A	NO NO		2 2	6 E	BIA KW	C3 A	5 Ma Ap - 5-Aug - 5-Sep -	BOU EVARD ORD- NCO N 5 RUS ECK ORD INC	B0 3 2029 C	2 27-Sep- 6 2 23-Sep-	2 08	28 0 23635 3977 52476	A DE	WO DE EC IVE COL I	ALD AND RE ACE 5 AND CHEC 0430 CHECK OAS 8 ER CUS	KENG NE GH H S OMERS A ES CHE S	0 S V29	0 C C
A	D AG - MIS IRE	ENGINE	NO NA NA		N A	NO NO	W E 98	2	6 E	B A KW	C3 A	-Sep-	ENVOORDE ORD NO		2 3-Oct	538	0 00 62	A MN	ER ORM EEC DIAG AT	NI GOOD SEE O	US OMER CONCE S	2 S V29	0 C C
A	CO	ENGINE	NO NA NA	BH	ISBZ009	NO NO	X E 28	2	6 E	BA KW	C3 A	4 May- 7- un-	USKE SA ES SERVICE D	30 3 2029 C	2 3-Oct- 4	9595	80 57 335 28	3 2 A NS	5487 ACK O OWER	GS ON BANK 2 AS ER H WHEN	GOING O ASSI A	32 A V29	0 C C
A	CO	ENGINE ENGINE	NO NA NA	BI	AAX004 N.A	NO NO	W C B	2 2	6 E	BIA KW	C3 A	6- un- 6-Aug-	BAR OW ORD COM AN OR MI ORD 6	BG 3 2029 C	4 30-Sep- 7 3 26-Sep- 2	20909 9593	86 44 95 03 92 5 362 72	2 A SC	A EM OVERI C	OC MONIOR ES RE A CSE OE ES ASS ER ORMCKRU	NG ERKS IN OVER S	0 S V52	0 C C
A	UE N EC OR	ENGINE	NO NA NA		N A	NO NO	W E 2B	2	6 E	B A KW	C3 A	9-May- 27-Aug-	SHENANDOAH ORD INC 4	3 9 593 B	2 26-Sep- 2	2962	63.76 425.38	4 A VA	XVERI IED CUS OMER O	HE RIGH BANK AND MCUS	OMERS A ES HE S	0 S V29	0 C C
A	CA A IC CONVER ER		NO NA NA	В'	VDV007	NO NO	W E XB	2	6 E	BA KW	C3 A	5- eb- 24- un-	ERREBONNE ORD 2	00 3 5 00E 2 2 E	2 22-Sep- 4	6226	397 7 509 59	A A	RAN EEC ES 0430 R	AGN COL GROUND WAS DAG	CHECK ENGINE IG S	0 S V29	0 C C
A	CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA	B:	ZBR008 3 D 006		W E 0B	2 2	6 E	BA KW	C3 A	6- un- 6-Aug- 5-Ap - 3 -Mov-	OR MI ORD 7	D0 3 5 00E 2 2 E	2 29-Sep- 2 2 7 23-Aug- 3	9637 3286	464 42 6 7 93 567 82 790 53	2 A SC 2 A CA	VERI CONCERN CHE	EGENORMA ER ORM CKEN IDS SCANCODE 0420 BANCHEO	IG IGH COM NG S KENG NE GH O R	0 S V29	04 C C
A	D AG - 0430	EXHAUS	NO NA NA		N A		W E 6B	2	6 E	BA KW	C3 A	6- un- 6- ul-	HERI AGE ORD INC	B DIAG	2 29-Sep- 3	3 50	0.00 23.34	0 A IN	CHECKED OR CODES	OUND 0430 SAVED AS H CHEC	K ENGINE IGH S	S V29	0 C C
A	GROUND G 05	ENGINE	NO NA NA		N A	NO NO	W E 28	2	6 E	BA KW	C3 A	24- eb- 28- eb-	GENES E ORD C 6	BC 2A58	4 5-Oct- 8	9584 8404	0 00 96 25	3 A NE	ES EEC S S EM NO	5 6 HAD H GH KV A M CUS	OMERS A ES HA S	0 S V52	0 C C
A	S ARK UGS CA A IC CONVER ER	ENGINE EXHAUS	NO NA NA	R	N A VBH0 3	NO NO		2 2	6 E	BA KW	C3 A		V C BALE ORD INCO N 9	B0 2 3 D0 3 5 00E 2 2 F	2 5-Oct 2 3-Oct- 3	60 3570	4 86 36 08 397 7 503 4	2 0 A ON	VERI IED CONCERN S	C DA A ROAD ES RE C CAD ES O VERI RE CHEC	R CHECK ENGINE A KENG NE GH ISI R	80 A V29	0 C C
A	CA A IC CONVER ER		NO NA NA	В.	ZBA0	NO NO	W E 7B	2	6 E	BA KW	C3 A	4- un- 30- un-	BOB SIGH ORD NC 3	00 3 5 00E 2 2 E	2 26-Sep- 3	480	397 7 520 39	A MO	VERI IED CONCERN HA	AS CODES O OWED CHEC	KENGNE GH IS S	0 S V29	6 C C
Company Comp	S ARK UGS	ENGINE	NO NA NA			NO NO	X E 4B	2 2	6 E	BA KW	C3 A		USKE SA ES SERVICE D 4	BG 3 2029 C	2 7-Oct- 4	9	60 9 08 20	12 A NS	900 MIS IRE VERI IED	M SE OR 0 M NS CHEC RUNS	ROUGH A ID E A	32 A V29	0 C C
Company Comp	CA A IC CONVER ER UEGO SENSOR	EXHAUS C C	NO NA NA		N A N A	NO NO	X E 4B W E 6B	2 2	6 E	BA KW	C3 A C3 A	22- ul- 9-Sep- 27- eb- 3-Ma -	REINEKE ORD INCO N INC 8 CRES ORD A ROCK INC 7	3 9 9 472 H	2 4-Oct- 2 29- un- 4	470 3590	534 69 745 7 5 4 34 66	3 A OH	SE ES 0430 N N 0030 00 CM HEA ER	IONI OR OUND R SIDE CE29 C CON RO CIRCUI BANK SCHEO	US OSMER WAS D S KENG NE GH O S	0 S V29	0 C C 04 C C
Company Comp	UEGO SENSOR	СС				NO NO	W E B	2	6 E	BA KW	C3 A	2 an- 5-Ma -	OE HA ORD INCO N	3 9 9 472 H	2 7-May- 3	2900	5 4 45 75	A ID	CKD CODES 2 96 R	RM N N S H MON ROCUS	OMERS A ESCHE S	0 S V29	04 C C
Company Comp	UEGO SENSOR	CC			N A	NO NO	X C 2B	2 2	6 E	BA KW	C3 A	3 an- 20-May-	BOB SWO E ORD INC	3 9 9 472 G	2 / 23- un- 2 8-Aug- 3	6227	53 68 27 06	A K	WEBI JED CONCNER OF	ODE DADS MONI OR IDS CHEC	K ENG NE OH O	0 S V29	04 C C
Company Comp	UEGO SENSOR	0.0	NO NA NA	BE	DAO0 8 N A	NO NO	W E 7B	2 2	6 E	BA KW	C3 A	5-Ap - 2- ul- 22 An - 23- un-	GAUDIN ORD ENS.O.ER ORD NC. 3	3 9 9 472 H	0 6- ul- 2 6-Sen- 3	50 3873	55 52 3 0 5 55 52 22 65	2 A NV	HO INE ID 0468205	V NEC VEHNOWS AR S OWE	DN NOSAR S	0 S V52	04 C C
Company Comp	UEGO SENSOR	C C	NO NA NA	В	2DO009	NO NO	W E B	2	6 6	BA KW	C3 A		OMEARA ORD CEN ER INC	3 9 9 472 H	4 8-Sep- 5	4045	57 62 233 26	2 A CO	42) UHO2 SENSOR V	/EES H27 NO H29 NO RE C IEN	S A ES HE EN S	0 S V52	04 C C
Company Comp		CC		BE	DA 007	NO NO	W E 7B	2	6 8	BA KW	C3 A		E C RCUI ORD NCO N EE	3 9 9 472 H	2 2-May- 2	3398	82 35 358 96			SRI ER CIRCUI E VERI (E29)	EMO N CHECK EN A	25 2 A V29	04 C C
2. CORM 1. SOLUTION 1. SOLUTIO		C C						2 2	6 E	BA KW	C3 A		ORD COUN R F KINS ORD AND	3 9 9 472 H	2 2-May- 0 2 28-Ma -	348	48 47 4 25.80 375.20	4 A NV	CKD FEC S S 0 3C 3	OF RECC O ER ORM S VEH O	N DR VE CHEC S	0 S V52	04 C C
Column C	CO							2	6 E		C3 A		OWN ORD NCO N	80 3 2029 C	3 5-Oct- 4	4004	207 65 385 39	2 A WA	CHECKED EEC S S EN	AND WAS UANB E O CUS	OMERS A ES HE S	0 S V52	0 C C
Column C	CA A IC CONVER ER	EXHAUS	NO NA NA	В	DS00	NO NO	W E 9B	2 2	6 E	BA KW	C3 A		RAND WSE ORD NC	BG 3 2029 C	2 0-Oct- 2 2 23-Sep-	7 78	92 5 250 87 662 86 06 6	5 A MI	ES ED WI H ENGINEE	ERDA A AND RE ES ED R SES	IGH ON S	0 S V29	0 C C
Column C	CA A IC CONVER ER		NO NA NA		N A	NO NO	W E 2B	2	6 E	BA KW	C3 A	9-May- 27-Aug-	SHENANDOAH ORD INC 6	00 3 5 00E 2 2 E	2 3-Oct- 2	3438	397 7 509 64	A VA	VERI IED CUS OMER O	DUE O REVIOUS UE CUS	OMERS A ES HE S	0 S V29	0 C C
Column C	CO	ENGINE	NO NA NA		N A	NO NO	W E B	2	6 E	BA KW	C3 A	8- an- 24- eb-	DENN ANDREWS ORD SA ES NC 7	80 2029	4 6-Oct- 8	22982	60 9 93 96	2 A AB	RE SE ES RE F	RENEWIGNI ON COL S ARE A	R ORMS IRE AN A	6 8 A V52	6 C C
Column C	CO	ENGINE	NO NA NA	BH	IACA00	NO NO	W E 8B	2 2	6 E	BA KW	C3 A	28 Ma - 5-Ap -	A MA ORD INC /	B0 3 2029 C	2 0-Oct- 6 5 30-Sep- 6	2373	60 9 95 07	is A C	UICK ES CODE 03	0 E 0430 ES COI NU VERI	IER MO EUR COU A	25 A V44	0 MA UNC ION
Column C	CA A IC CONVER ER	EXHAUS ENGINE	NO NA NA	BG BH	D 009	NO NO	W C 7B	2 2	6 E	BA KW	C3 A	4 Ma - 30-Ap -	OWN COUN R ORD E CI 8		2 22-Sep- 5 2 8-Orts 3	8337	397 7 490 63 80 57 324 44	2 A A NS	SCAN OR CODES RE	DIAGNOS CS RE ACED CHEC REVEDICODE 03 6 RANDICHEC	KENGNE GHO S	0 S V29	04 C C
Column C	CO	ENGINE	NO NA NA		N A	NO NO		2	6 E	BA KW	C3 A	2 Ap - 9-May-	DAR INGS BANGOR ORD 7			6622	269 42 439 42	2 A ME	CHECK ENGINE IGH	O ROAD ES WEN WID CUS	OMER SAID WEN S	0 S V52	0 C C
Comparison Com	D AG - MIS IRE	ENGINE	NO NA NA		N A			2 2	6 E	BA KW	C3 A	9-Aug- 4 Ap - 25-Aug-		B DIAG	2 28-Sep- 2	50	0 00 48 25	A VA	ES A MODU ES CO	DDE ASSION A RUN IN CUS	OMERS A ESCE S	2 S V52	0 C C
Comparison Com	CO	ENGINE ENGINE	NO NA NA	BH BH	GEC007	NO NO	W E 8B X E 4B	2 2	6 E	BIA KW	C3 A	2 an- 8- ab- 28 Ma - 9-Ap -	DU UIS ORD INCO N INC 3 CAM C ARK ORD SA ES D 0	BG 3 2029 C	2 20-Oct- 9 4 6-Sep- 5	6470 893	55 33 44 42 20 38 582 86	0 A ON 512 A AB	ROAD ES VEHIC E A EEC UICK ES ASS	N ES O MONI OR IDSAVERI I A ING RO ER AND I CHEC	ENG NE M SS RE A	8 A V44	03 E EC R CA
Column C	CO	ENGINE				NO NO		2	6 E	B A KW	C3 A	26-May- 30- un-	IRMN ORD INC	80 3 2029 C	2 26-Sep- 3	4376	232 59 2 29 84	A SC	VER IED CONCERN IDS	O CROSSOVER ON REARC S S	A ESVEHIC EIS S	0 S V29	04 C C
CALL COUNTER COUNTY CALL	CA A IC CONVER ER	EXHAUS	NO NA NA			NO NO		2	6 E	BA KW	C3 A	22- eb- 2 -Ma -	CI ORD SA ES D 9	00 3 5 00E 2 2 E	2 3-Oct- 7	603	504 77 746 8	3 2 A AB	2580 800 INS A ED	C RE A	R OR HECE S A	6 0 A V29	0 C C
Colored Exp. Colo	CO					NO NO		2 2	6 6	BIA KW	C3 A		GA FWA MO ORS INC. 5	BQ 3 2029 B :	2 9-Oct- 2 0-Oct- 2	2 66 2562	64 05 34 92 207 65 378 89	2 A V	GO CODES 0300 03	IN CHECKED AND RE AC E29 C 30 O S EC RE ACED BAN CHEC	USOMERSAES S KENGNE GHISS	0 S V29	0 C C
Column C	CA A IC CONVER ER	EXHAUS	NO NA NA	- Du	N A	NO NO		2	6 E	BA KW	C3 A	6- un-	HERI AGE ORD INC	00 3 5 00E 2 2 E		3226	426 2 659 50 90 67 334 44	3 A IN	ER ORM IN OIN E	ES H H 0 AU OU C'CHEC	KENGNE GH S	0 S V29	0 0 0
Columb C	CA A IC CONVER ER		NO NA NA	BE	DC004			2	6 E	BA KW	C3 A	4-Ma - 3 -Ma -	DROUN AU OMOBI ES EE	BC 3 2029 B	2 20-Sep- 6	6047	569 76 7 6 69	2 4 A C	X AIN E CON IRMER I	SICE AB E COM ARER CHEC	K ENG NE A UME A	24 A V29	0 C C
CALL COUNTRY	00			B BH	BBC007			2	6 E	BA KW	C3 A	22-May- 9-Sep- 23-May- 5- un-	OU USZ ORD INC	BC 3 2029 C	9-Ucs- 2 2 9-Sep- 4	2346 5098	207 tb 460 4 58 88 78 49	A MO	2029 42 KOEO 0304	NON RE ACE 4 COCUS	OMERS A ES AM S	0 S V29	0 CC
A RECOMPRESE STATE	D AG - MIS IRE CA A IC CONVER ER		NO NA NA		N A N A	NO NO		2 2	6 E	BA KW	C3 A C3 A	4-Sep- 22- ul- 9-Sen-	WOODRIDGE ORD INCO N D REINEKE ORD INCO N INC. R	B0 2029 D0 3 5 00E 2 2 F	2 26-Oct 2 25-Oct- 2	275	0 00 254 05 397 7 507 6	3 0 A AB	SE ES 0430 MON	0300 03 6 0304 AND CHEC I OR IN OIN ES QUIMF20	K ENGINE GHO A	60 A V29	0 C C
CALL COUNTE DESCRIPTION CALL COUNTE DESC	CA A IC CONVER ER	EXHAUS			N A	NO NO	W E 7B	2	6 E	BA KW	C3 A	22 Ap - 8-May-	KENDA ORD	00 3 5 00E 2 2 E	2 3-Oct- 5	7437	4 0 74 759 27	4 A OR	ROAD ES RE RIEVE	D NK 2 AS ERH 0 R R CUS	OMERSAES HE S	0 S V29	0 C C
CALL COUNTE DESCRIPTION CALL COUNTE DESC	CA A IC CONVER ER			BG	N A	NO NO	W E 9B	2 2	6 E	BA KW	C3 A	7-Ma - 2-Ap -	RAME ORD INCO N	00 3 5 00E 2 2 E	2 8-Aug- 0 2 7-Oct- 7	8 48	905 50 653 59 422 68 5 9 83	A WV	E ECENC BE OW I	HERESHO D BANK 2 RE CUS	OMERS A ESCHE S	0 S V29	0 C C
SAC	CA A IC CONVER ER CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA	B I	MDS00 UC3009	NO NO	W E 6B	2 2	6 E	BA KW	C3 A C3 A	26-May- 5- ul- 0-Aug- 6-Sep-	HER R CH ORD O EAS ON R -COUN ORD	00 3 5 00E 2 2 E	2 -Oct- 4 2 0-Oct-	2873 635	589 86 877 34 605 36 859 65	3 A MD	DIAG OR CONCERN AI CA CONV D AG AND	ND ME O NS A NEW ENGIR	IE MECHAN CAR S	0 S V29	0 C C
Columb C	D AG - 0430	EXHAUS	NO NA NA	В	C 008	NO NO	W E 7B	2	0 6 E	BA KW	C3 A	24 Aug. 20 Sec.	OWNE SA ES AND SERVICE IMI E	3 2A650	2 24.Ort. 2	4562	0 00 0 00					3 0 A V29	0 C C
Columb C	CO	ENGINE	NO NA NA		NΑ	NO NO	W E 0B	2 2	6 E	BA KW	C3 A	24 un- 9-Aug-	ED RUSSE ORD INCO N	B0 3 2029 C	2 26-Oct- 5 3 -Nov- 3	926	64 05 5 35	A W	DS S AR CODE ES	0306 (MEMOR AND ENA	UMERS A ESCR S	0 S V52	0 C C
Columb C	S ARK UGS CA A IC CONVER ER	ENGINE EXHALIS	NO NA NA	BH	DC003	NO NO	W E 5B	2 2	6 E	BA KW	C3 A	5-May- 24- un-	DISCOVER ORD SA ES D BOLL EVARD ORD, NCO N 2	30 2405 -	4 25-Oct- 5 2 25-Oct- 7	9 0	29 3 2 7 46	2 6 A SK	SCANNED OR CODES	ARE ACE A 6 UGS MISSI	S OCCAS ONA A	46 A V52	0 C C
Columb C	CA A IC CONVER ER	EXHAUS	NO NA NA	В	C 008	NO NO	W E 78	2	6 E	BA KW	C3 A	24-Aug- 20-Sep-	OWNE SA ES AND SERVICE IMI E	00 3 5 00E 2 2 E	2 27-Oct- 2	490	700 95 069 0	5 2 A NB	BROUGH VEHCE N	C H S AND OUND O BE C EA	RED CODES AND D A	3 0 A V29	0 C C
Columb C	UEGO SENSOR	CC	NO NA NA	В	N A	NO NO	X E 6B	2 2	6 E	BA KW	C3 A	- u - 26-Aug-	HE OHNSON DEA ERSHI S INC 4	3 9 9 472 G	2 29-Oct- 2 2 8-Oct- 2	2630	53 68 9 7	A MA	ER ORMED CM SE	ES RE R VED CODE 2CE II	ON CAME ON A S	0 S V29	04 C C
Column C	CA A IC CONVER ER	EXHAUS EXHAUS	NO NA NA	R	N A CX022	NO NO	W E 9B	2 2	6 E	BA KW	C3 A		GA FWA MO ORS INC 7	20 3 5 00E 2 2 E	2 5-Oct- 4 2 8-Oct- 2	6 80	735 93 406 84 997 7 475 54	7 A BC	VERI IED ENG RUNS R	O ENSOR RE A	R OR ENGINE U A	7 0 A V52	0 C C
GA A COONFEE R STANLEY ON AL NA NA NA NO NO NO WE SE 2 5 6 1 6 1 7 1 1	CO	ENGINE	NO NA NA	В.	ZB 006	NO NO	W E 6B	2	6 E	BA KW	C3 A	8-May- 24- un-	BEN A KINSON MO ORS INC	BC 3 2029 C	4 28-Oct- 5	2200	207 65 293 34					0 S V52	0 C C
CALL ACCORNING NO. A.A. A.B.	CA A IC CONVER ER		A N A N A N A N A N A N A N A N A N A	В	N A	NO NO	W E 7B W E 9B	2 2	6 E	BA KW	C3 A	22 Ap - 8-May- 4-Sep- 9-Oct-	WOODRIDGE ORD INCO N D	2405 D0 3 5 00E 2 2 E	2 3 -Oct- 6 2 2-Nov-	8243 28	207 65 400 26 504 77 677 52	2 A OR 2 0 A AB	EEC ES 0430 I	DA A OGGERMONI OR BICHEO	KENGNE GHO A	0 S V29 6 0 A V29	0 C C
CALL ACCORNING NO. A.A. A.B.	CO		NO NA NA		N A N A	NO NO	W C 5B	2	6 E	BA KW	C3 A	3 un- 25- u-	DENN ANDREWS ORD SA ES NO	80 3 2029 C	3 7-Nov- 4 2 23-Sen. 9	4900	58 88 4 72	A A	CON RMED COM AIN	N ES WIH DS OUND CUS	S A ES VEH C E S	0 S V52	0 C C
Column C	D AG - MIS IRE	ENGINE	NO NA NA		N A	NO NO	W E 98	2	6 E	BA KW	C3 A	3-Aug-	RUIDOSO ORD NCO N INC	3 2A650	2 -Nov	3	0 00 52 66	A NM	CKED CODES OUND	M S IRE 6 ES ED OUNCK EN	IG I E AND NOISE S	0 S V29	0 C C
Column C	CA A IC CONVER ER		A M A M ON ON A M A M A M A M A M A M A M A M A M A	В	A60 8 N A	NO NO	X E 9B W E 88	2 2	6 E	BA KW	C3 A	-Aug- 0-Sep- 23 Ma - 9-Ap -		DE 3 5 00E 2 2 E	4 6-Oct- 2 27-Oct- 7	2747 7 28	827 07 67 07 5 92 580 49	4 A ME	CA A C CONVER C	US SWICHING 3 5 IME CUS OR NO O ERA ING ROECSC	UMERSAESHAS HKENGINE IGH	0 S V52	34 C C
OU STATE TO A R A RA BA	CO	ENGINE	NO NA NA	BI	24R006	NO NO	W E 3B	2 2	6 E	BA KW	C3 A	5-May- 24-May- 4 An - 25-Arm	OM MASANO ORD NCO N	DU 3 2029 C	4 20-005 5	3447	623 46 9 92 5 340 09	A A	ER ORMS S EM DIA	GNOS IC AND N ON CUS	S A ES ENGINES S	0 S V52	0 C C
UNA-INSTRE CONTRE NO NA NA A 5.200.0 NO NO WEAR 2 0 1914 NN CS A 2/20- 3999 NR CM INCO N 19 UNA 91 A 25 UNIVERSE NO NA	co	ENGINE	NO NA NA		N A	NO NO	W E 8B	2	6 E	BA KW	C3 A	7-Ma - 28- un-	ROSSROADS ORD INCO N MERCUE	BC 3 2029 C	2 9-Nov- 5	358	64 05 3 09			DIWIH 5 COL AND MISWAS I	OR VING HOME RG 8	0 S V29	0 C C
CA A COOMBRE R CA COOMBRE R CA A C		ENGINE ENGINE	NO NA NA	В	2BD00 N A	NO NO	W E XB W E 9B	2 2	6 E	BA KW	C3 A C3 A	2 Ap - 9-May- 22 Ap - 23- un-	AKE ORD INCO N ENSO ER ORD NC 4	B DIAG	4 28-Oct- 6 4 26-Oct- 5	78 5697	0 00 90 89 64 05 2 00	8 A MD	C S RANS BUCKING	ACRUN E85 WE DOWN ENC SH ALCOL S RESS ES ALC SO	AS RED O ASS S NACE SEEMS I S	0 S V52	0 C C
C N N N N N N X C E 2 6 B N N C E 2 6 B N N C E C C C C C C C C	CA A IC CONVER ER	EXHAUS	NO NA NA		N A	NO NO	W E 8B	2	6 E	BA KW	C3 A	7-Ma - 28- un-	ROSSROADS ORD INCO NIMERCUR	DC 3 5 00E 2 2 E	2 5-Nov- 5	3848	397 7 487 62	A NC	SE2 2 42 ER ORME	D SE ES RE REIVED CUS	OMERS A ESCHE S	0 S V29	0 C C
	UEGO SENSOR	C C	NO NA NA		N A	NO NO	X C B	2	6 E	BA KW	C3 A	7-Sep- 30-Sep-	NOR HSIDE ORD INCO N	3 9 9 472 G	2 4-Nov- 2	673	57.5 80.78	101 I A 1	OUND CODE N MEMO	OR WHI E OOKING A EN CHEC	KENG NE GH IS S	0 S V29	o c c

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2011 MY P415 Powertrain Claims

	A	WTAT					A TA T			Т	Ш	П	Т	Τ.					П	A T	Ш		П		I			Ш	TAT	П	T		Т			ППП	ТТ	Ш	
A T T A	ATVT	TA ?	т	TAT	т	AV	IA I	v	e ea					^,	т	AT	TA T AT	A		A A		AT	T N	M A	, IMA	' r	' '^T		V	T MM T	т	MM T	2	T M M	им т	AT			^м т
D AG - MIS IRE	ENGINE	NO	N.A.	NA.	N A	NO	NO	W E 9B	2		B B	A F	KW I	23 A	3-	-Aug-		RUIDOSO ORD NCO N INC	- 3	2A650	ш	2 -Nov-	-	3		0.00	52 66	ш	A NM	RAN CODES CKED W	/R BA	OUND 4 MIS	B RECKE	NG I E ON	ID ES R	S 0 S	V40	0	CC
D AG - MIS IRE	ENGINE	NO	N.A.	N A	N A	NO	NO	W E 9B	2	-	В	A F	KW I	23 A	7-1	Ma -	2-Ap -	RAME ORD INCO N	В	2A650	4 4	7-Nov-	8	2204	12	0.00	22 42	0	A WV	DS CODES 0300 030	J6 MIS IRF	CODE RESI	E KACS!	WHEN A EN	M ING	8 08	V52	0	СС
CA A IC CONVER ER	EXHAUS	NO	N.A.	N A	N A	NO	NO	W E 4B	2		B B	A F	KW I	23 A	5-	eb-	29-Ap -	SOMA AU OMOBI E INC	D	3 5 00E 2 2	E 2	4-Nov-	7	6535	5 6	602 29	639 6	34	A C	VERI IER CODE AVEC	DS CODE	0430 VER	1 ERVER	I IER UMIER	RE MO	A 2 0 A	V29	0	CC
D AG - 0430	EXHAUS	NO	N.A.	NA.	N A	NO	NO	W E 4B	2	-	3 B	A F	KW I	23 A	5-	eb-	29-Ap -	SOMA AU OMOBI E INC	3	DIAG	2	25-Oct-	6	6 8	8	0.00	8 44	0.84	A C	ESSAIE ROU IER BON	ENDEME?	N MAIS CHI	ECK VER	I IER UMIER	RE DE C	A 24 A	V29	04	СС
CRANK SENSOR	C C	NO	N.A.	NA.	B ZB 006	NO	NO	W E 6B	2	-	в В	A E	KW I	23 A	8-	May-	24- un-	BEN A KINSON MO ORS INC	- 3	3 6C3 5	A 3	0-Nov-	5	370	14	76 6	5 76	6	A A	RAN OAS S NO SBS I	RAENSOR	RE ACED	SEN CUS	OMERS A	ESA	s os	V52	0	CC
D AG - MIS IRE	ENGINE	NO	N.A.	NA.	BK BC006	NO	NO	W E 9B	2	-	3 B	A F	KW I	23 A	4-	un-	30- un-	ERRACE O EM ORD SA ES D	8 8	2C508	2	6-Nov-	5	7469	9	0.00	88 80	111	A BC	VERI IED CONCERN SI	CA HANO	A ACCE	AB RE	AR OR ENG	GINE S	A7 A	V52	0	CC
CA A IC CONVER ER	EXHAUS	NO	N.A.	NA.	N A	NO	NO	W E 6B	2		B B	A F	KW I	23 A	27-	- eb-	3-Ma -	CRES ORD A ROCK INC	5 0	3 5 00E 2 2	E 2	8-Nov-	9	7833	3	008 7	239 44	3	A MI	CHECK ENGINE IGH	IS RANS	CROSSMEM	BER CHE	CK ENG NE	GH O	8 08	V29	0	CC
D AG - MIS IRE	ENGINE	NO	N.A.	NA.	N A	NO	NO	W E 0B	2	-	3 B	A F	KW I	23 A	24	un-	9-Aug-	ED RUSSE ORD INCO N	3	N	6	28-Nov-	4	3 39	9	0.00	30 95	2	A N	NO CODES NO MODE	6 ASA V	HEN X BE	COM A			8 28	V48	0 R	ANSMISSION
UEGO SENSOR	CC	NO	N.A.	N A	BKUA70 2	NO	NO	X E 6B	2	-	В	A F	KW I	23 A	-	u-	26-Aug-	HE OHNSON DEA ERSHI S INC	В	9 9 472	G 2	28-Nov-	4	385		53 68	27 36		A MA	ER ORMED CM SE	ES A'	ND RESE K	AM CE	ON CAME OF	N WI HI	8 08	V29	0	CC
UEGO SENSOR	CC	NO	N.A.	N A	N A	NO	NO	W E 6B	2		B B	A F	KW I	23 A	22-	- eb-	2 -Ma -	CI ORD SA ES D	0 3	9 9 472	G 2	28-Nov-	9	2076	34	67 95	55 09	12	A AB	334 7 800 INS A ED	N CK OP	OSSBES	BSM RE	AR OR HE	ECE S	A 6 8 A	V29	0	CC

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VIN	To call or not to call	PROBABLE / SUSPECT ROOT Repea	t Count LAB	OR COST	PROD DATE	WARRANTY DEALERSH P	REPAIR DATE	MILEAGE
1FTFX1ET6BF	No customer has been to the dealership after last complaint of misfire, no CUDL complaint	DIAG - MISFIRE	3	93.47	5/18/2011	7/15/2011 MUHLENBERG MOTORS INC	9/9/2011	1 2188
1FTFX1ET6BF	100000000000000000000000000000000000000	DIAG - P0430	3	59.48	5/18/2011	7/15/2011 MUHLENBERG MOTORS INC	9/12/2011	1 2355
1FTFX1ET6BF		CATALYTIC CONVERTER	3	161.44	5/18/2011	7/15/2011 MUHLENBERG MOTORS INC	9/15/2011	1 2412
1FTFX1ET5BF	yes, FSE (Rob Stawiec i) dispatched, customer upset	t COP	3	106.17	3/23/2011	SARAT FORD LINCOLN	5/18/2011	1 1031
1FTFX1ET5BF		CATALYTIC CONVERTER	3	185.38	3/23/2011	4/30/2011 SARAT FORD LINCOLN	8/31/2011	1 10716
1FTFX1ET5BF		COP	3	339.74	3/23/2011	4/30/2011 PLACE MOTOR, INC.	9/7/2011	1 1516
1FTFX1CT1BF	No, replaced cat on 11/18/11, no CUDL complaints, issue seems resolved	DIAG - P0430	3	0	2/22/2011	5/10/2011 ROSE CITY FORD SALES LIM	11/9/2011	1 11747
1FTFX1CT1BF		UEGO SENSOR	3	87.02	2/22/2011	5/10/2011 LALLY SALES SERVICE L M	11/16/2011	1 12051
1FTFX1CT1BF	The second secon	CATALYTIC CONVERTER	3	208.86	2/22/2011	5/10/2011 LALLY SALES SERVICE L M	11/18/2011	1 12152
1FTFW1ET9BK	No, replaced cat on 11/14/11, no CUDL complaints, issue seems resolved	DIAG - P0430	3	47.12	3/8/2011	4/8/2011 MURPHY FORD SALES LTD.	9/9/2011	7789
1FTFW1ET9BK		UEGO SENSOR	3	109.94	3/8/2011	4/8/2011 MURPHY FORD SALES LTD.	10/12/2011	1 8148
1FTFW1ET9BK		CATALYTIC CONVERTER	3	119.26	3/8/2011	4/8/2011 A□B FORD SALES LTD	11/14/2011	1 9113
1FTFW1ET9BF	No, owned by Enterprise, no CUDL, no futher claims after 11/14/11 when cat was replaced	DIAG - MISFIRE	3	53.35	5/11/2011	6/9/2011 TUSKET SALES SERVICE L	9/30/2011	7078
1FTFW1ET9BF		CATALYTIC CONVERTER	3	213.39	5/11/2011	6/9/2011 TUSKET SALES @ SERVICE L	10/3/2011	1 7860
1FTFW1ET9BF		COP	3	48.01	5/11/2011	6/9/2011 TUSKET SALES @ SERVICE L	11/24/2011	1 11185
1FTFW1ET9BF	No, last GC□IS was 6/21, last AWS 6/6. vehicle repaired	CATALYTIC CONVERTER	3	181.7	3/2/2011	3/21/2011 BOB SWOPE FORD, INC.	5/4/2011	3115
1FTFW1ET9BF		CATALYTIC CONVERTER	3	284.4	3/2/2011	3/21/2011 BOB SWOPE FORD, INC.	5/19/2011	3552
1FTFW1ET9BF		CATALYTIC CONVERTER	3	293.52	3/2/2011	3/21/2011 BOB SWOPE FORD, INC.	6/6/2011	3794
1FTFW1ET7BF	No, last AWS 11/21/11, no CUDL, no further complaints	SPARK PLUGS	3	103.7	7/3/2011	8/22/2011 TUTTLE CLICK'S CAPISTRAN	11/3/2011	9226
1FTFW1ET7BF	1000	GROUND G105	3	435.58	7/3/2011	8/22/2011 TUTTLE CLICK'S CAPISTRAN	11/21/2011	9887
1FTFW1ET7BF	No leet AWS (UNIT po CTILL po further	FUEL INCECTOR	3	414.83	7/3/2011	8/22/2011 TUTTLE CLICK'S CAPISTRAN	11/7/2011	9395
1FTFW1ET7BF	No, last AWS 7/25/11, no CUDL, no further complaints.	UEGO SENSOR	3	61.28	4/21/2011	5/7/2011 DOHN NORTH FORD, INC.	5/10/2011	1 184
1FTFW1ET7BF		UEGO SENSOR	3	68.94	4/21/2011	5/7/2011 COHN NORTH FORD, INC.	5/11/2011	1 185
1FTFW1ET7BF	N. J. ANNO SUSSIA	UEGO SENSOR	3	71.13	4/21/2011	5/7/2011 DOHN NORTH FORD, INC.	7/25/2011	3402
1FTFW1ET1BF	No, last AWS 8/16/11, no CUDL, no further complaints.	DIAG - P0430	3	73.43	3/8/2011	3/22/2011 MAHWAH FORD SALES II SE	5/13/2011	1 2525
1FTFW1ET1BF		DIAG - MISFIRE	3	86.61	3/8/2011	3/22/2011 MAHWAH FORD SALES A SE	6/8/2011	3611
1FTFW1ET1BF		CATALYTIC CONVERTER	3	205.7	3/8/2011	3/22/2011 MAHWAH FORD SALES - SE	8/16/2011	1 6908
1FTFW1ET0BF	No, last AWS 10/13/11, no CUDL, no further complaints	CATALYTIC CONVERTER	3	245.4	4/17/2011	5/2/2011 TUSKET SALES SERVICE L	5/30/2011	1 1280
1FTFW1ET0BF		COP	3	176.05	4/17/2011	5/2/2011 TUSKET SALES SERVICE L	8/11/2011	3244
TFW1ET0BF		DIAG - MISFIRE	3	48.01	4/17/2011	5/2/2011 TUSKET SALES - SERVICE L	10/13/2011	5775
ATFW1ET0BF	No, last AWS 9/26/11, no CUDL, no further complaints	S CATALYTIC CONVERTER	4	181.63	1/13/2011	2/7/2011 DESCARDINS AUTO COLLEC	5/26/2011	1 8791
STFW1ET0BF		CATALYTIC CONVERTER	4	150.24	1/13/2011	2/7/2011 BOUCHARD FORD	8/9/2011	1 15505
₩TFW1ET0BF		DIAG - MISFIRE	4	68.28	1/13/2011	2/7/2011 BOUCHARD FORD	9/23/2011	1 20017

1								
1FTFW1ET0B		COP	4	161.7	1/13/2011	2/7/2011 BEAUCE AUTO (2000) INC	9/26/2011	20275
1FTFX1ET5BF	No, last AWS 8/31/11, no CUDL, no further complaints.	DIAG - MISFIRE	4	19.4	3/22/2011	4/28/2011 COREY FORD LIMITED	8/18/2011	9305
1FTFX1ET5BF		COP	4	58.19	3/22/2011	4/28/2011 COREY FORD LIMITED	8/31/2011	10569
1FTFX1ET5BF		DIAG - MISFIRE	4	33.71	3/22/2011	4/28/2011 VIOLETTE FORD	8/8/2011	8466
1FTFX1ET5BF	0 _	UEGO SENSOR	4	618	3/22/2011	4/28/2011 VIOLETTE FORD	6/9/2011	2653

VN	PROBABLE / SUSPECT ROO	OT LEAD RESPONSIBLE	ACTIVIT EWRT PART TAGGED	RETURNED	STATUS	GC□IS REPORT	FAV
1FTFX1ET6BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	N/A	NO
1FTFX1ET6BF	DIAG - P0430	EXHAUST	NO	N/A	N/A	BIOBV004	NO
1FTFX1ET6BF	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	BIOBV004	NO
1FTFX1ET5BF	COP	ENGINE	YES	YES	Submitted e⊓pedite	ship 6/7/11.\$N/A	YES
1FTFX1ET5BF	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	BH□E2003	NO
1FTFX1ET5BF	COP	ENGINE	NO	N/A	N/A	BH□E2003	NO
1FTFX1CT1BF	DIAG - P0430	EXHAUST	NO	N/A	N/A	N/A	NO
1FTFX1CT1BF	UEGO SENSOR	PT CCC	NO	N/A	N/A	N/A	NO
1FTFX1CT1BF	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	N/A	NO
1FTFW1ET9BK	DIAG - P0430	EXHAUST	NO	N/A	N/A	N/A	NO
1FTFW1ET9BK	UEGO SENSOR	PT C□C	NO	N/A	N/A	B □ A3009	NO
1FTFW1ET9BK	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	B □ A3009	NO
1FTFW1ET9BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	BI4BE003	NO
1FTFW1ET9BF	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	BI4BE003	NO
1FTFW1ET9BF	СОР	ENGINE	NO	N/A	N/A	BI4BE003	NO
1FTFW1ET9BF	CATALYTIC CONVERTER	EXHAUST	YES	YES	Submitted e pedite	ship 5/17/11 BEDCG011	NO
1FTFW1ET9BF	CATALYTIC CONVERTER	EXHAUST	YES	YES	Part tagged 7/1/11	024798635 BEDCG011	NO
1FTFW1ET9BF	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	BEDCG011	NO
1FTFW1ET7BF	SPARK PLUGS	ENGINE	NO	N/A	N/A	BKHE3004	NO
1FTFW1ET7BF	GROUND G105	ENGINE	NO	N/A	N/A	BKHE3004	NO
1FTFW1ET7BF	FUEL INTECTOR	ENGINE	NO	N/A	N/A	BKHE3004	NO
1FTFW1ET7BF	UEGO SENSOR	PT COC	NO	N/A	N/A	N/A	NO
1FTFW1ET7BF	UEGO SENSOR	PT CDC	NO	N/A	N/A	N/A	NO

1FTFW1ET7B	UEGO SENSOR	PT CDC	NO	N/A	N/A	N/A	NO
1FTFW1ET1B	DIAG - P0430	EXHAUST	NO	N/A	N/A	N/A	YES
1FTFW1ET1B	DIAG - MISFIRE	ENGINE	NO	N/A	N/A.	BFIAF003	YES
1FTFW1ET1B	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	BFIAF003	NO
1FTFW1ET0B	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	N/A	YES
1FTFW1ET0B	COP	ENGINE	NO	N/A	N/A	BGVC7008	NO
1FTFW1ET0B	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	BGVC7008	NO
1FTFW1ET0B	CATALYTIC CONVERTER	EXHAUST	YES	YES	Submitted ecpedit	e ship 6/13/11 N/A	NO
1FTFW1ET0B	CATALYTIC CONVERTER	EXHAUST	NO	N/A	N/A	N/A	NO
1FTFW1ET0B	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	BIZBZ005	NO
1FTFW1ET0B	COP	ENGINE	NO	N/A	N/A	BIZBZ005	NO
1FTFX1ET5BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	N/A	NO
1FTFX1ET5BF	COP	ENGINE	NO	N/A	N/A	N/A	NO
1FTFX1ET5BF	DIAG - MISFIRE	ENGINE	NO	N/A	N/A	N/A	NO
1FTFX1ET5BF	UEGO SENSOR	PTCDC	NO	N/A	N/A	N/A	NO

ALER CONTACTED MODEL YEAR	VIN	Repeat Count	LABOR COST	VEHICLE L NE	MARKET DERIVED	BODY STYLE
	2011 1FTFX1ET6BF		3.	93.47 T/F6	F	T/BD
	2011 1FTFX1ET6BF		3	59.48 T/F6	F	T/BD
	2011 1FTFX1ET6BF		3	161.44 T/F6	F	T/BD
	2011 1FTFX1ET5BF		3	106.17 T/F6	F	T/BD
	2011 1FTFX1ET5BF		3	185.38 T/F6	F	T/BD
	2011 1FTFX1ET5BF		3	339.74 T/F6	F	T/BD
	2011 1FTFX1CT1BF		3	0 T/F6	F	T/BD
	2011 1FTFX1CT1BF		3	87.02 T/F6	F	T/BD
	2011 1FTFX1CT1BF		3	208.86 T/F6	F	T/BD
	2011 1FTFW1ET9BK		3	47.12 T/F6	F	T/BC
	2011 1FTFW1ET9BK		3	109.94 T/F6	F	T/BC
	2011 1FTFW1ET9BK		3	119.26 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	53.35 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	213.39 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	48.01 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	181.7 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	284.4 T/F6	F	T/BC
	2011 1FTFW1ET9BF		3	293.52 T/F6	F	T/BC
	2011 1FTFW1ET7BF		3	103.7 T/F6	F	T/BC
	2011 1FTFW1ET7BF		3	435.58 T/F6	F	T/BC
	2011 1FTFW1ET7BF		3	414.83 T/F6	F	T/BC
	2011 1FTFW1ET7BF		3	61.28 T/F6	F	T/BC
	2011 1FTFW1ET7BF		3	68.94 T/F6	F	T/BC

NO	2011 1FTFW1ET7B	3	71.13 T/F6	F	T/BC
NO	2011 1FTFW1ET1B	3	73.43 T/F6	F	T/BC
NO	2011 1FTFW1ET1B	3	86.61 T/F6	F	T/BC
NO	2011 1FTFW1ET1B	3	205.7 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	3	245.4 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	3	176.05 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	3	48.01 T/F6	F	T/BC
NO	2011 1FTFW1ETOB	4	181.63 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	4	150.24 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	4	68.28 T/F6	F	T/BC
NO	2011 1FTFW1ET0B	4	161.7 T/F6	F	T/BC
NO	2011 1FTFX1ET5BF	4	19.4 T/F6	F	T/BD
NO	2011 1FTFX1ET5BF	4	58.19 T/F6	F	T/BD
NO	2011 1FTFX1ET5BF	4	33.71 T/F6	F	T/BD
NO	2011 1FTFX1ET5BF	4	61.8 T/F6	F	T/BD

VERSION SERIES	DRIVE CODE	ENGINE CODE	TRANS CODE	ASSY PLANT	PROD DATE	WARRANTY START DA	ATE DEALERSHIP
T/AM	T/E	T/KW	T/C3	AF		40681	40739 MUHLENBERG MOTORS NC
T/AM	T/E	T/KW	T/C3	AF		40681	40739 MUHLENBERG MOTORS NC
T/AM	T/E	T/KW	T/C3	AF		40681	40739 MUHLENBERG MOTORS NC
T/AM	T/E	T/KW	T/C3	AF		40625	SARAT FORD LINCOLN
T/AM	T/E	T/KW	T/C3	AF		40625	40663 SARAT FORD LINCOLN
T/AM	T/E	T/KW	T/C3	AF		40625	40663 PLACE MOTOR, INC.
T/AM	T/B	T/KW	T/C3	AF		40596	40673 ROSE CITY FORD SALES L MI
T/AM	T/B	T/KW	T/C3	AF		40596	40673 LALLY SALES SERVICE LIMI
T/AM	T/B	T/KW	T/C3	AF		40596	40673 LALLY SALES SERVICE LIMI
T/AM	T/E	T/KW	T/C3	A		40610	40641 MURPHY FORD SALES LTD.
T/AM	T/E	T/KW	T/C3	A		40610	40641 MURPHY FORD SALES LTD.
T/AM	T/E	T/KW	T/C3	Α		40610	40641 A B FORD SALES LTD
T/AM	T/E	T/KW	T/C3	AF		40674	40703 TUSKET SALES SERVICE LT
T/AM	T/E	T/KW	T/C3	AF		40674	40703 TUSKET SALES SERVICE LT
T/AM	T/E	T/KW	T/C3	AF		40674	40703 TUSKET SALES SERVICE LT
T/AM	T/E	T/KW	T/C3	AF		40604	40623 BOB SWOPE FORD, NC.
T/AM	T/E	T/KW	T/C3	AF		40604	40623 BOB SWOPE FORD, NC.
T/AM	T/E	T/KW	T/C3	AF		40604	40623 BOB SWOPE FORD, NC.
T/AM	T/E	T/KW	T/C3	AF		40727	40777 TUTTLE CLICK'S CAPISTRANC
T/AM	T/E	T/KW	T/C3	AF		40727	40777 TUTTLE CLICK'S CAPISTRANC
T/AM	T/E	T/KW	T/C3	AF		40727	40777 TUTTLE CLICK'S CAPISTRANC
T/AM	T/E	T/KW	T/C3	AF		40654	40670 OHN NORTH FORD, INC.
T/AM	T/E	T/KW	T/C3	AF		40654	40670 OHN NORTH FORD, INC.

T/AM	T/E	T/KW	T/C3	AF	40654	40670 OHN NORTH FORD, INC.
T/AM	T/E	T/KW	T/C3	AF	40610	40624 MAHWAH FORD SALES SER
T/AM	T/E	T/KW	T/C3	AF	40610	40624 MAHWAH FORD SALES SER
T/AM	T/E	T/KW	T/C3	AF	40610	40624 MAHWAH FORD SALES SER
T/AM	T/E	T/KW	T/C3	AF	40650	40665 TUSKET SALES SERVICE LT
T/AM	T/E	T/KW	T/C3	AF	40650	40665 TUSKET SALES SERVICE L1
T/AM	T/E	T/KW	T/C3	AF	40650	40665 TUSKET SALES SERVICE LT
T/AM	T/E	T/KW	T/C3	AF	40556	40581 DES ARD NS AUTO COLLECT
T/AM	T/E	T/KW	T/C3	AF	40556	40581 BOUCHARD FORD
T/AM	T/E	T/KW	T/C3	AF	40556	40581 BOUCHARD FORD
T/AM	T/E	T/KW	T/C3	AF	40556	40581 BEAUCE AUTO (2000) NC
T/AM	T/E	T/KW	T/C3	AF	40624	40661 COREY FORD LIMITED
T/AM	T/E	T/KW	T/C3	AF	40624	40661 COREY FORD LIMITED
T/AM	T/E	T/KW	T/C3	AF	40624	40661 VIOLETTE FORD
T/AM	T/E	T/KW	T/C3	AF	40624	40661 VIOLETTE FORD

RO NUMBER	PHONE	WCC CODE	PART NUMBER PREFIX	PART NUMBER BASE	PART NUMBER SUFFIX	CCC CODE	COND CODE
	5097201	4592154 2G04		DIAG		E29	82
	5100601	4592154 2G04		DIAG		E29	82
	5106701	4592154 4C03	BL3Z	5E	212 E	E29	42
	35262701	7860430 2B03	CYFS		12 Y3	E29	42
	35954801	7860430 4C03	BL3Z	5E	212 E	E29	42
	24091201	9438012 2B02	BL3Z	1	2029 B	D36	28
	42003901	9487800 2G01		12A650		E29	42
031498A		6103673 2G02		9F472		E29	42
031541A		6103673 4C03	BL3Z	5E	212 E	E29	42
	1354801	7356861 2G04		DIAG		E29	82
	1409201	7356861 2G02		9F472		E29	42
	66308601	2838200 4C03	BL3Z	5E	212 E	E29	42
176101B		6482600 2G88		NPF		E29	82
176223A		6482600 2B02	BL3Z	12	2029 C	E29	42
178599A		6482600 2B02	BL3Z	12	2029 C	D42	D4
	7711801	4C03	BL3Z	5E	212 F	E29	42
	7755401	4C03	BL3Z	5E	212 F	E29	42
	7810001	4C03	BL3Z	5E	212 E	E29	42
	8828901	2407000 2B03		12	2405	E29	42
	9305701	2407000 7S06		12A581		D42	42
	8917801	2407000	2000 BL3Z	9F593	В	E29	42
	6733601	3431700 2G02	8F9Z	9F472	Н	D50	42
	6738501	3431700 2G02	8F9Z	9F472	Н	D50	42

	7082501	3431700 2G02	8F9Z	9F472	Н	D50		42
	4073301	5293200 2G04		DIAG		E29		42
	4159401	5293200 2G04		DIAG		E29		42
	4380301	5293200 4C03	BL3Z		5E 212 E	E29		42
171123A		6482600 4C03	BL3Z		5E 212 E	E29	D4	
174008A		6482600 2B02	BL3Z		12029 B	E29		42
176685A		6482600 2G88		NPF		E29	D4	
	16744401	4C03	BL3Z		5E 212 E	E29		42
	12232801	7224388 2B03	CYFS		12 Y3	E29		95
	12394701	7224388 2G04		DIAG		E29		42
	11420402	7749801 2B02	BL3Z		12029 C	D36		42
218287A		3288828 2G02		12A648		E29		42
218616A		3288828 2B02	BL3Z		12029 B	E29		42
	742601	4731770 1A03			6006	E29		82
	667701	4731770 2G02	8F9Z	9F472	Н	E29		42

REPAIR DATE	TIS	CLAIM KEY	M LEAGE	MATERIAL COST	TOTAL COST	LABOR HOURS	DEALER CODE	
	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
	40793	5	1076722	1516	64.05	403.79	4.3	9082
	40856	7	1621248	11747	0	0	0 B8401	
	40863	7	1673135	12051	97.53	184.54	1 B8094	
	40865	7	1704273	12152	939.89	1148.75	2.4 B8094	
	40795	6	1060843	7789	0	47.12	0.6 B1702	
	40828	7	1398345	8148	97.53	207.46	1.4 B1702	
	40861	8	1737876	9113	249.93	369.19	1.9 B1718	
	40816	4	1256343	7078	0	53.35	1 B3225	
	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
	40850	3	1642198	9226	5.17	108.87	1	8700
	40868	4	1796332	9887	58.88	494.46	4.2	8700
	40854	3	1821885	9395	176.65	861.48	4	8700
	40673	1	474432	184	51.41	112.69	0.8	5076
	40674	1	555175	185	51.41	120.35	0.9	5076

40749	3	756889	3402	55.52	126.65	0.9	5076
40676	2	471688	2525	0	73.43	0.7	20686
40702	3	634789	3611	0	86.61	0.8	20686
40771	5	1002449	6908	836.89	1042.59	1.9	20686
40693	1	568806	1280	520.38	765.79	4.6 B3225	
40766	4	818637	3244	60.19	236.24	3.3 B3225	
40829	6	1371579	5775	0	48.01	0.9 B3225	
40689	4	544045	8791	504.77	686.4	1.6 B2425	
40764	7	794508	15505	525.24	675.49	2.2 B2519	
40809	8	1213274	20017	0	68.28	1 B2519	
40812	8	1245635	20275	180.57	342.27	1.8 A2498	
40773	4	843750	9305	0	19.4	0.3 B3307	
40786	5	1153994	10569	60.19	118.38	0.9 B3307	
40763	4	1213365	8466	0	33.71	0.6 B3238	
40703	2	563428	2653	76.93	138.72	1.1 B3238	

DEALER SUB CODE	REGION CODE	STATE / PROVINCE	CPSC CODE	TECH COMMENTS 1	TECH COMMENTS 2	CUSTOMER COMMENTS A	AREA CODE
				FAULT CODES, PO305, PER	REROAD TESTED WITH IDS	ON, FLASHED, THEN WEN	
	NA	VA		615 FORMED POWER BALANCE,	MONITORING MISF RES. NO	SPUTTERING THEN IT	540
				CYCLE AND CATALYST		ON, FLASHED, THEN WEN	
	NA	VA		615 SYSTEM EVAL. PASSED.		SEEMED TO BE RUNN NG	540
	NA	VA		P0340. CATALYST 90201 EFFICIENCY ON BANK 2	COMPRESSION PASSED. CONTACTED TECH HOTLINE	AGAIN CHECKED FOR CK	540
	NA	VA		0 0 11112 011, 110 1 011 110 111	/		540
	NA	MA	03XXXX	RETRIEVE KOEO AND CMDTCS P0300 RANDOM	IGNITION COILS. HAD VEHICLE DRIVEN 20 MORE	NO POWER ADVISE	413
	IVA	IVIA	00/000	ENGINE LIGHT IS ON	REMOVED AND REPLACED	CHECK ENG NE LIGHT ON,	
	NA	MA		90201 VERIF ED CONCERN.	CONVERTER. SWAPPED	DIAGNOSE AND ADVISE.	413
	NA	MA	03XXXX	ROAD TEST, NPF. HOOKED UP IDS TEST PCM. FOUND	EST, PASS. PERFORM LOW AND HIGH PRESSURE FUEL	CUSTOMER STATES AS	508
	IVA	IVIA	00/000	EFFICIENCY BELOW	ANDTHORTINESCORETOEE	CHECK AND REPORT CHECK	300
	NA	ON		31401 THRESHOLD PERFORM	ICLE ALL OK	ENG NE LIGHT ON STEADY	519
				CODES		REPORT ON MIL () ON 1.4	
	NA	ON		31403 P0430.KOEO,KOER,P D		119.95	888
				19569 CHECKED FOR CODE		REPORT ON MIL () ON 1.4	
	NA	ON		90201 P0430, P0420 D D KOEO,	KAM. OK NOW.	119.95	888
	NA	ON		ON COMPUTER TEST CODE		ENG NE CHECK ENGINE	040
	NA	ON		615 P0430 REF SSM 21925 ON COMPUTER TEST CODE		LIGHT ON ENG NE CHECK ENGINE	613
	NA	ON		31403 P0430 P NPOINT TEST		LIGHT ON	613
				(T) EEC TESTED AND FOUND		CHECK ENG NE LIGHT ON	
	NA	ON		90201 CODE P0430 CHECK OASIS		REPA R CHECK EGINE LIGHT	613
	NIA	NO		COULD NOT VER FY	PERFORMED RELATIVE	ENG NE LIGHT COM NG ON,	000
	NA	NS		615 CONCERN SELFTEST NO	IN ECTOR FLOW AS PER	ENG NE SKIPS.	902
		110		P0430 PERFORMED PPT	IS FOR HOTLINE CONTACT.		
	NA	NS		30702 NEEDS CONVERTER ON VERIF ED CONCERN.	FOLLOW INSTRUCTIONAS ON BANK 1, 9018 REPLACED	LIGHT ON NO POWER	902
	NA	NS		30702 ENGINE SKIPS ON POWER	COILS AND PLUGS ON BANK		902
				WITH DS P0430 P0068			
	NA	KY		90201 CATALYST BELOW	O USE MTIME	CHECK ENG NE LIGHT ON	
	NIA	KY		CODES P0430 WORKED	AVAILABLE FOR CAT	CLIFCK FNC NE LICLIT ON	
	NA	KT		90201 WITH FSE REPLACED CAT SWITCHED 02 SENSORS	CONVERTORS OPERATION FOR CATS	CHECK ENG NE LIGHT ON	
	NA	KY		90201 FROM BANK 1 2 RETEST	ALSO MTIME FOR TIME	CHECK ENGINE LIGHT ON	
				PERFORM IDS DIAG. FOUND		CUSTOMER STATES CHECK	
	NA	CA		30703 CODE P0304. MISFIRE 4 VERIFY MISFIRE AFTER COP	NE RE LIEST M TIME 1.5	ENG NE LIGHT IS ON, LIGHT CUSTOMER STATES CHECK	949
	NA	CA		180101 REPLACEMENT. CALL	HRS, ROADTEST OK. ALSO	ENG NE LIGHT IS ON,	949
				P0304 MISFIRE NUMBER		CUSTOMER STATES CHECK	
	NA	CA		30402 FOUR CYL CAUGHT 80MPH CK ADV DS HOOKUP P0131		ENG NE LIGHT IS CHECK ENG NE LIGHT ON.	949
	NA	KS		31403 P0640 P1646 PREFORM PMI		CK/ADV IDS HOOK UP	620
	NIA	140		OZ SENSOR AND RETEST		CHECK ENG NE LIGHT ON.	200
	NA	KS		31403 OK		CK/ADV CONFIRMED	620

***	1/0		SENSOR AND CLEARED		CK/ADV CONFIRMED	
NA	KS		31403 CODES RETEST OK PERFORMED DIAGNOSIS	13 805 4908 LOG MODE	CONCERN. IDS HOOK UP CUSTOMER STATES CHECK	620
NA	N		615 HOOKED UP IDS RETR EVED		~~~.	201
			PERFORMED DIAGNOSIS		CHECK ENGINE LIGHT IS ON	
NA	N		615 CALLED KEV N AT FORD	ARE ON BACK ORDER AND	SEE NOTES IN HISTORY	201
NA	N		PERFORMED DIAGNOSIS AS 90201 PER FORD ENGINEERING	BACKORDER FROM	CUSTOMER STATES CHECK ENG NE LIGHT IS ON	201
NA .	IN .		P0430 CATALYST	CONTACT HOTLINE	CHECK ENGINE LIGHT ON	201
NA	NS		90201 EFFICENCE BANK 2	BECAUSE OF HOLIDAY	NOT BOOST NG	902
	110			ECKED MODE 6 DATA NO	NO POWER SKIPS UNDER	002
NA	NS	03XXXX	EXTENSIVLY AND WAS ABLE	MISF RES DID N ECTOR	HARD ACCEL OR UNDER	902
NA	NS		9295 EEC TESTED NO 615 CODES CHECKED OASIS NO		CHECK ENGIUNE LIGHT NOT ON SKIP ON HARD ACCEL	902
IVA	NO		013 CODES CHECKED CAGIO NO		ON ON HARD AGGEE	302
			P0430 FAIT TEST ROUT ER		ALUME (E29) CODE	
NA	С		90201 EN LECTURE DES P DS		CATALYSEUR. CLIENT EN	
			P0299 ET P0430 EN MEMO R		MAN UE DE PUISSANCE	
NA	С	03XXXX	TEST SUR ROUTE FA RE TEST CODE P0306	REPROGRAMMER PCM	(E29)	418
NA	С		615 MISSFIRE NTERMITTENT		CHECK ENGINE ALLUME	418
	· ·		VERF MOTEUR DONNE DES	105 ET RESSERRER ET	MOTEUR SEMBLE MAN UE	
NA	С		30702 COUPS NTERMITENT CODE	REMPLACER CO L ET	EN ACCELERANT EN	418
			NO CODES FOUND.		STARTED MISSING BAD AND	
NA	NB		31403 CHECKED OASIS NO 1 VERIFIED CONCERN WITH	CAPBONITBACKS	THE CHECK ENGINE LIGHT CHECK ENG NE LIGHT	506
NA	NB	03XXXX		NECESSARY TO REPLACE	COM NG ON AT TIMES AND	506
			CHECKED FOR CHK ENG NE		CHK WHY ENGINE LIGHT IS	
NA	NB		30100 LIGHT HOOKED UP IDS AND CHECKED FOR ENGINE		ON AND ENGINE MISSES. CHK FOR ENG NE LIGHT	506
NA	NB		31403 LIGHT.USED IDS AND	OXYGEN SENSOR AT	WAS ON FOR 2 DAYS,BUT	506

COUNTRY CODE	SALES DEALER COD	E TRANSACTION CODE	COUNTRY SOLD	RT CODE	VFG CODE	AWS VEHICLE LINE CODE	VRT CODE
USA		127470	1 USA		V29	F6	F04
USA		127470	1 USA		V29	F6	F04
USA		127470 S07	USA		V29	F6	F04
USA		111454	2 USA		V29	F6	F04
USA		111454 S07	USA		V29	F6	F04
USA		111454 S07	USA		V52	F6	F04
CAN	4B8401	S07	CAN		V29	F6	F04
CAN	4B8401		2 CAN		V29	F6	F04
CAN	4B8401	S07	CAN		V29	F6	F04
CAN	4B2482		2 CAN		V29	F6	F04
CAN	4B2482		2 CAN		V29	F6	F04
CAN	4B2482	S07	CAN		V29	F6	F04
CAN	4B3225		1 CAN		V29	F6	F04
CAN	4B3225		1 CAN		V29	F6	F04
CAN	4B3225		1 CAN		V52	F6	F04
USA		147050 S07	USA		V29	F6	F04
USA		147050 S07	USA		V29	F6	F04
USA		147050 S07	USA		V29	F6	F04
USA		171089 S07	USA		V29	F6	F04
USA		171089 S07	USA		V52	F6	F04
USA		171089 S07	USA		V29	F6	F04
USA		153201 S07	USA		V44	F6	F04
USA		153201 S07	USA		V44	F6	F04

USA		153201 S07	USA	V44	F6	F04	
USA		113158	1 USA	V29	F6	F04	
USA		113158	1 USA	V29	F6	F04	
USA		113158 S07	USA	V29	F6	F04	
CAN	4B3225	S07	CAN	V29	F6	F04	
CAN	4B3225		1 CAN	V29	F6	F04	
CAN	4B3225		1 CAN	V29	F6	F04	
CAN	4B2425	S07	CAN	V29	F6	F04	
CAN	4B2425	E84	CAN	V29	F6	F04	
CAN	4B2425	E84	CAN	V29	F6	F04	
CAN	4B2425	E84	CAN	V52	F6	F04	
CAN	4B3817		2 CAN	V29	F6	F04	
CAN	4B3817		2 CAN	V29	F6	F04	
CAN	4B3817		2 CAN	V29	F6	F04	
CAN	4B3817		2 CAN	V29	F6	F04	

TIS FLAG	CLA M B NNED FUNCTION
	PT C C
	PT C C
	PT MALFUNCTION
	PT MALFUNCTION

PT MALFUNCTION

PT C C

From: Dobbs, Dan (K.D.)

Sent: Thursday, January 05, 2012 3:30 PM

To: Nowaczyk, Rick (R.J.)
Cc: Ricks, Kevin (K.J.)

Subject: State by state and Repair Date Month

Interesting breakdown based on the intercooler condensation build-up.

Ontario and Quebec trump Texas as a % of total sales. Also TX (FI as well) ramps up as weather cooled off. This may explain some of the event.

Lately, I have some new ones popping up in KY,TN.GA. Just south of Frosty line. The hypothesis makes sense, but need more formal validation. Of course this is better that "we don't know"..

Count of VIN		STATE / PROVINCE							
Years	REPAIR	DATE	TX	ON	QC	AB	FL	MI	PA
2011	Aug	14	18	18	14	10	9	14	
9	Sep	14	14	30	15	8	13	4	
(Oct	22	30	20	17	15	12	16	
1	Nov	35	19	17	26	16	11	12	
1	Dec	30	24	17	11	12	10	6	
Grand To	otal		115	105	102	83	61	55	52

Regards

K.D. Dan Dobbs

FCSD Service Engineering Operations

F-150 PVT Program Manager

Certified 6-Sigma Master Black Belt Level II

Phone:313-845-6078 kdobbs@ford.com

If you can keep your head when all about you Are losing theirs and blaming it on you; If you can trust yourself when all men doubt you, But make allowance for their doubting too; If you can wait and not be tired by waiting, Or, being lied about, don't deal in lies, Or, being hated, don't give way to hating, And yet don't look too good, nor talk too wise; you'll be a Man my son! Selected Excerpt from Rudyard Kiplings Poem "If"

From: Desai, Kiran (K.K.)

Sent: Tuesday, April 02, 2013 3:00 PM

To: Ronzi, Bill (W.C.); O'Donohue, Garrett (G.M.); Kramer, Michael (M.T.); Vadrevu, Srikanth

(S.); Armitage, Roland (R.W.); Hoffmann, Robert (R.); Leach, David (D.); Wirbel, Markus (M.F.); Mena, Ambrosio (A.); Wells, Andy (A.P.); Belhabib, Mustapha (M.); Muftuoglu, Erdal (E.); Vince, Dean (D.); Braun, Sebastian (S.); Lubke, Kathleen (K.); Madej, Jeanette (J.); Russo, Scott (S.); Andersen, Erik (E.); Corbett, Sandy (S.M.); Ladd, John (J.R.); Allan, Valerie (V.J.); Luther, Jeff (J.P.); Giunta, Michael (M.J.); Helberg, Ken (K.H.); Merrell, Robert (R.J.); Norton, James (J.); Noonan, Vicki (EJ.); Knight, Peter (P.C.); Hodges, Daniel

(D.H.); McKinney, Jackie (J.)

Cc: Ruppert, Dave (D.R.)
Subject: Weekly QB Report 4.2.13

Attachments: 2013MY Cooling Weekly Warranty Data 3 28 13.ppt; 7.2 13MY PTI QB Claims GBL

03-26-13.zip

Team:

Attached are:

- Weekly **13MY Cooling QB report** for the week of 4.2.13
- 13MY YTD Cooling Claims
- P415 CAC & Catalyst claims 4.2.13

Thanks.

Kiran Desai

(313) 805-7198

2013MY Cooling System Weekly Warranty Data

3/26/13

Global Reports

FNA Reports

FoE Reports

FAPA Reports

FSAO Reports

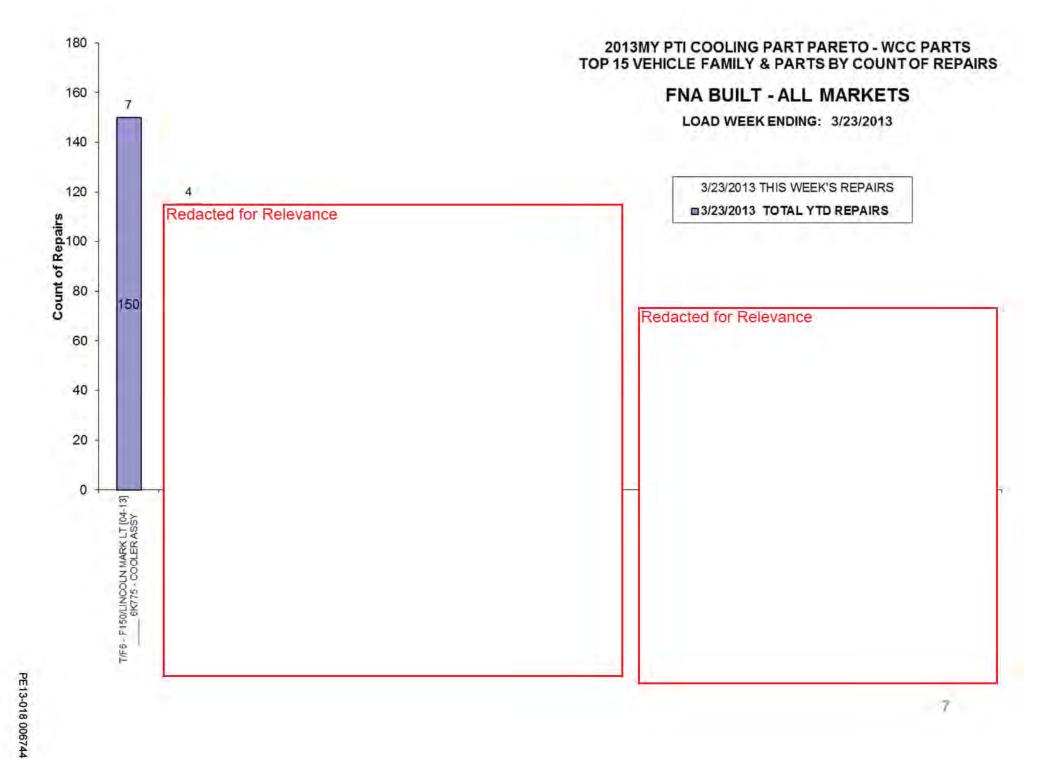
Global Reports

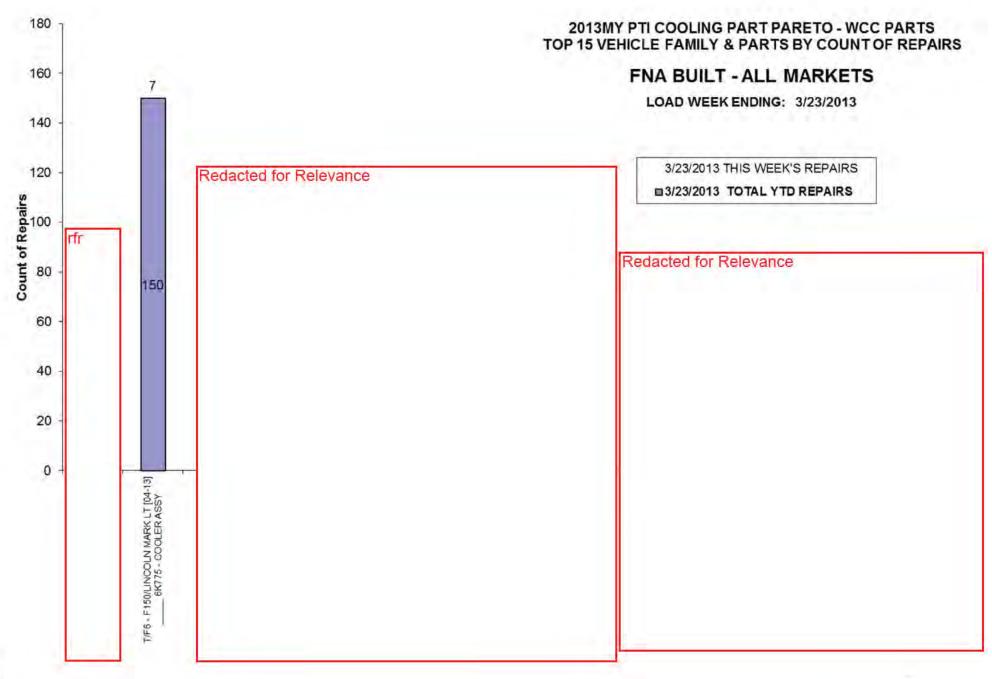


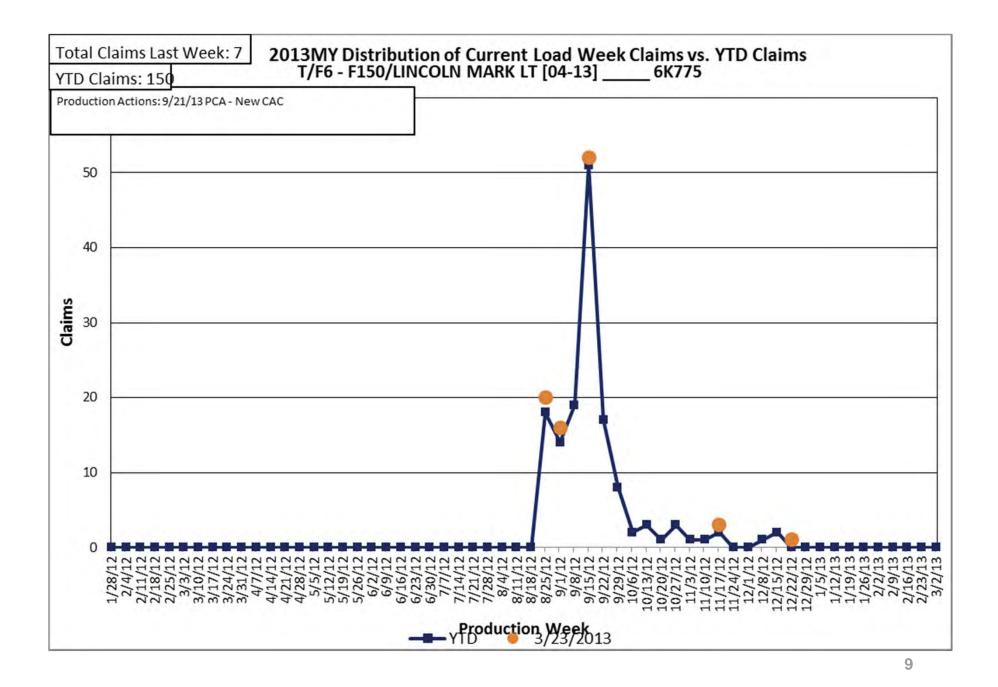


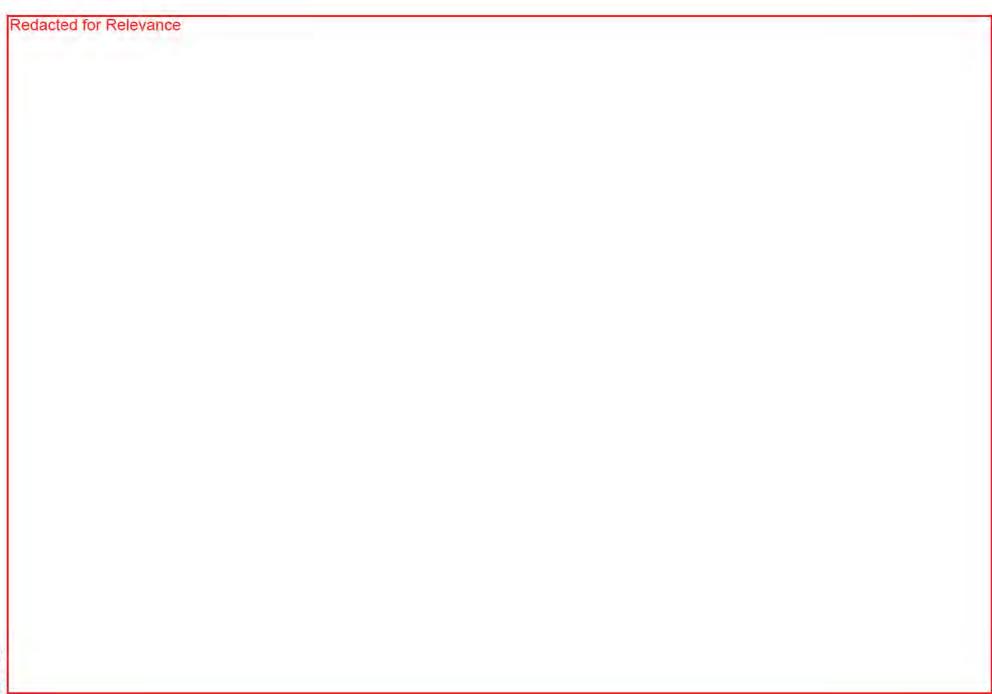
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	Redacted for Relevance

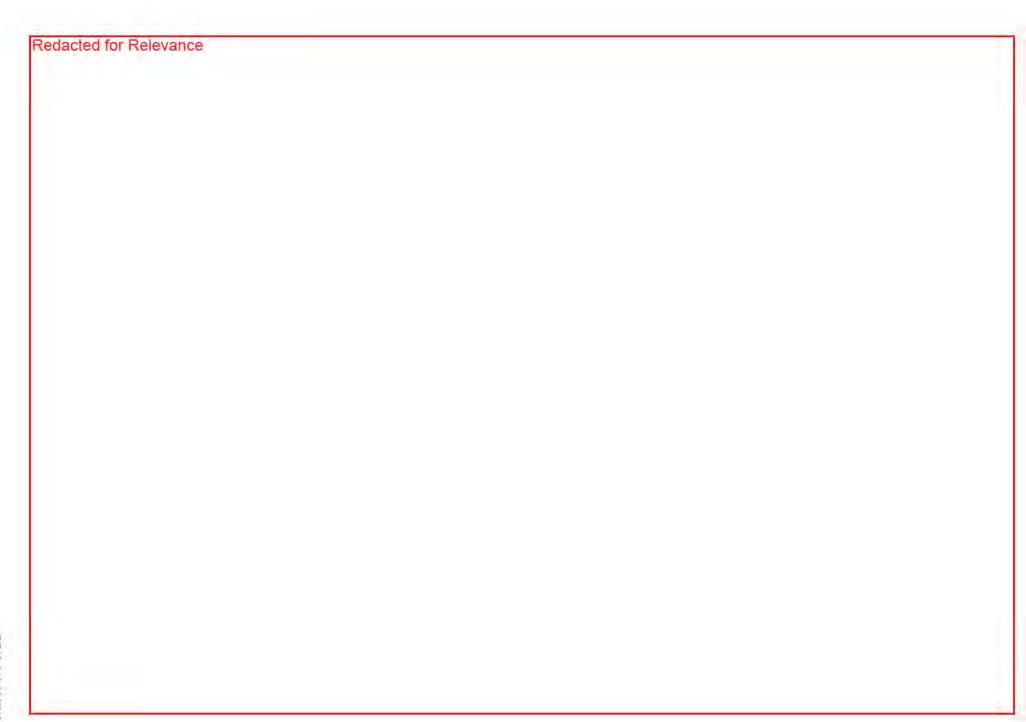
FNA Reports













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PE13-018 006750

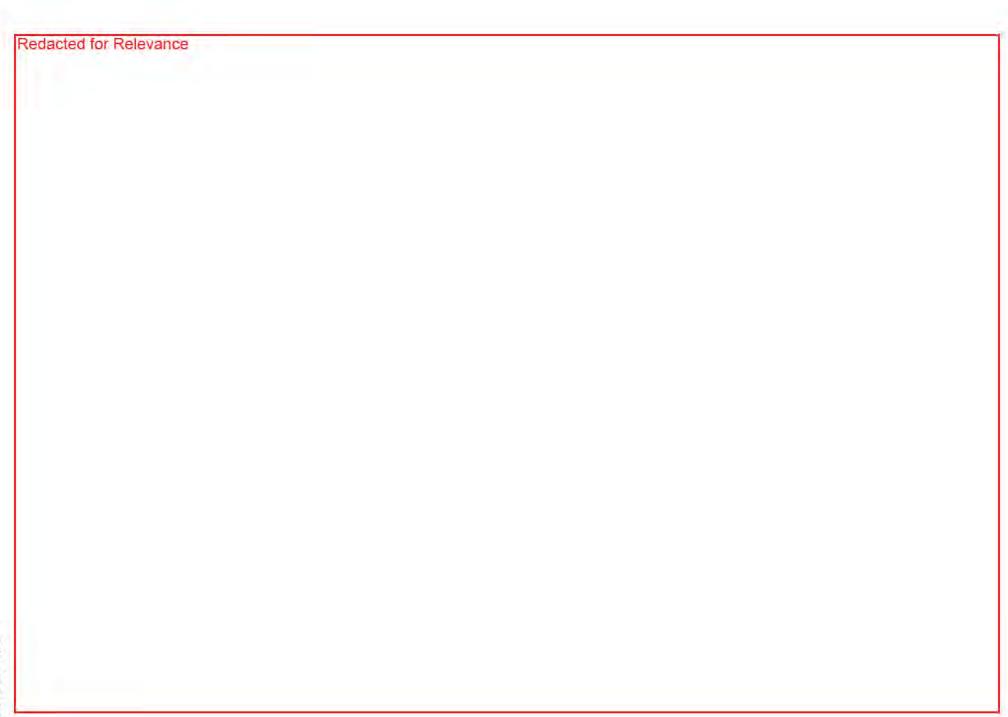






FoE Reports







FAPA Reports

