

**EA04-006**

**FORD**

**5/13/2005**

**ATTACHMENT J**

**BOOK 7 OF 11**

**PART 4 OF 4**

















HANSEL FORD LINCOLN MERCURY	3408481	5437330	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	270825	7988	48
FUTURE FORD	487781A	7982873	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2278807	8928	48
DON SANDERSON FORD INC.	80818001	5438880	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2081824	18235	48
JONES FORD INC.	1111881	7482811	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	1878888	17088	48
OCEAN PARK FORD SALES LTD.	18848801	8282820	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2004877	12847	53.81
MCMAULEY FORD-MERCURY	882701	8888841	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	1878827	14728	48
LOWCOUNTRY FORD-MERCURY INC.	2888801	8788880	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	3	2088882	8834	48
RENTON FORD-MERCURY INC.	084788A	4882888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	4	2007728	18188	48
WHEELER FORD SALES	287884A	4848880	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	6	2088880	8484	48
SKYLINE FORD SALES INC.	128888A	4278888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2822228	8788	48
PAYTON-WRIGHT FORD SALES INC.	381788A	4818881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	4	2088811	8788	48
MAITA FORD-MERCURY	7448801	8288881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088888	11887	48
AUDUBON FORD	218727A	2888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088881	28888	48
BURTS APPROPRIATE FORD INC.	481821A	4888888	ST01	XCZ	WFSB	DA	788	42	2002722	12:00AM	4	2888188	12841	48
FRED BEASLEY FORD OF BOYKINTOWN INC.	28717401	8478881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2077844	13481	48
GARY TUCKMAN'S FORD	28448801	2888771	ST01	XCZ	WFSB	DA	528	7	2002722	12:00AM	7	2788872	18417	48
PLANET FORD	8818888	7882788	ST01	XCZ	WFSB	DA	528	8	2002722	12:00AM	8	2788777	11880	48
CENTRAL FORD	8881881	8888888	ST01	XCZ	WFSB	DA	528	38	2002722	12:00AM	8	1878884	8788	48
MINNESOTA FORD	488888A	3888888	ST01	XCZ	WFSB	DA	528	58	2002722	12:00AM	8	1878888	88888	80.82
MIDDLEBURY FORD INC.	547888A	8888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	1878884	13288	48
RON-CARTER FORD INC.	082788A	2818111	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	1878888	28887	48
SEAGUN FORD MERCURY	8828801	2881188	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	4	1878887	18888	48
SEAL TOMASINO FORD INC.	87048801	8888881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	1881248	88887	48
REYNOLDS FORD INC.	084788A	2212411	ST01	XCZ	WFSB	DA	528	48	2002722	12:00AM	2	1887888	28278	48
GREEN COUNTRY FORD INC.	4878881	2887888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	1887418	28877	48
ALPINA FORD LINC-MERC INC.	4881481	2888888	ST01	XCZ	WFSB	DA	528	10	2002722	12:00AM	10	1888881	28888	48
BAYTOWN FORD	18888801	8888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	4	2888788	18882	48
I77 FORD MERCURY	2887701	3782888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2007447	21882	48
PARK CITY FORD INC.	288888A	2882488	ST01	XCZ	WFSB	DA	528	1	2002722	12:00AM	2	2008888	11288	48
HOMER HELLER FORD	8888881	7488881	ST01	XCZ	WFSB	DA	528	38	2002722	12:00AM	7	2012888	8887	48
VAGANVILLE FORD-MERCURY INC.	18488801	4487111	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	4	2008888	2888	48
THORNHILL FORD-MERCURY	088788A	8888444	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2048224	20724	48
TIFFANY MOTOR COMPANY	4814881	8874881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2048888	8188	48
BORDMAN FORD SALES INC.	088772A	8847881	ST01	XCZ	WFSB	DA	528	12	2002722	12:00AM	7	2048888	18848	48
GRAND PRINCE FORD INC.	8878488	8888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088482	13874	48
CHANG FORD	048888A	2818188	ST01	XCZ	WFSB	DA	528	28	2002722	12:00AM	8	2081884	18788	48
BEL FORD	8888888	8887778	ST01	XCZ	WFSB	DA	528	28	2002722	12:00AM	11	2078488	48718	48
BRANT COUNTY FORD SALES LTD.	8788181	7888181	ST01	XCZ	WFSB	DA	528	10	2002722	12:00AM	10	2074888	28218	53.31
LANDERS FORD	7488881	8848888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2081888	14881	48
PENINSULA FORD OF SUNNYVALE	4888188	7881888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2188888	2848	48
GREEN VALLEY FORD	8812881	4281888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2184888	13888	48
SPRINGLAND FORD SALES LTD.	12877481	7787777	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2288888	28881	53.31
BARBER FORD INC.	482881	8848881	ST01	XCZ	WFSB	DA	528	8	2002722	12:00AM	8	1878888	18848	48
NORTHWEST FORD TRUCK CTR INC.	188888A	8717188	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	10	2088888	28884	52.8
RED BEACH FORD	101878A	8881888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2027887	28881	48
HILLYERS MID-CITY FORD	188748A	8818181	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088871	17888	48
TULSA AUTO GROUP	8888888	8887881	ST01	XCZ	WFSB	DA	528	38	2002722	12:00AM	7	2088811	41841	48
COURTESY FORD	487828A	7848888	ST01	XCZ	WFSB	DA	528	10	2002722	12:00AM	10	2088114	28888	48
JIM BURKE FORD	884881	8888881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088888	28887	48
CITRUS FORD	41881881	2888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088888	18888	48
BO KENLEY FORD INC.	8788141	7784881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2088888	27882	48
VISTA FORD OF OSWEGO	8821181	8888881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2081788	18837	48
PENINSULA FORD OF FALO ALTO-PENINSULA FORD OF MENI.	8881881	4888888	ST01	XCZ	WFSB	DA	528	8	2002722	12:00AM	8	2188888	11888	48
BLISS FORD SALES	082488A	8888888	ST01	XCZ	WFSB	DA	528	28	2002722	12:00AM	8	2087887	1487	52.8
MCREE FORD INC.	488878A	2878888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	10	2088887	18888	48
KIM STOEPHEL FORD INC.	2812881	2878888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	8	2088887	18428	48
DON GAGGARTHE CHARLOTTE COUNTY FORD	28884881	2888141	ST01	XCZ	WFSB	DA	528	38	2002722	12:00AM	7	2018888	8887	48
MARSHALL FORD SALES INC.	8288881	8788888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	10	2088888	21778	48
COVERY FORD OF TAYLOR INC.	1048781	8888888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2088888	12888	48
OMEGA FORD CENTER INC.	88488A	4811881	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	3	2088888	7788	48
TOMBALL FORD INC.	24888A	8888888	ST01	XCZ	WFSB	DA	528	8	2002722	12:00AM	8	2088887	12888	48
DEAN BELLIERE INC	2888881	4887888	ST01	XCZ	WFSB	DA	528	42	2002722	12:00AM	7	2048818	14878	48

SEBRING FORD LINCOLN MERCURY  
 ULTIMATE FORD GIDDINGS  
 MIDWAY FORD  
 MARSHALL FORD SALES INC.  
 MULLANEY FORD  
 JOHN MARKE, INC.  
 BURNHAM MOTORS INC.  
 JOE COOPER FORD OF YUNION  
 CHUCK BROWN FORD  
 KOCOLREX FORD  
 TOMAS VAUGHN MOTORS INC.  
 WRIGHT FORD INC  
 ZESAS FORD CORPERS INC.  
 TEAM FORD OF BARNETTA  
 RAYTON-WRIGHT FORD SALES INC.  
 LEITH FORD  
 VARIETY FORD LINCOLN MERCURY INC.  
 RON-CARTER FORD INC.  
 PHILLIOTT FORD  
 NORTH-TOWN FORD MERCURY INC  
 RUSSELL & SMITH FORD INC  
 JIM BURG FORD  
 HOLIDAY FORD LINCOLN-MERCURY INC.  
 OVAL FORD  
 BORNAN MOTOR COMPANY  
 LAVONIA FORD INC.  
 BOB MALONEY FORD-MERCURY INC  
 CENTRAL FORD  
 MOOREVILLE FORD MERCURY INC.  
 ADAMSON FORD L.L.C.  
 PRESTON FORD  
 JACK POWELL FORD-MERCURY INC  
 KARL KLEBERT FORD  
 AL PACKER FORD  
 ANDERSON FORD-MERCURY  
 TULSA AUTO GROUP  
 JOE MYERS FORD  
 BYERLY FORD INC  
 LARRY GIBBICK FORD  
 KEYSTONE FORD SALES LIMITED  
 BRIGHTON FORD INC.  
 ART BARRY FORD SALES LTD.  
 ANDERSON & KOCH FORD INC  
 PHEL LONG FORD OF DENVER L.L.C.  
 FORD COUNTRY OF LENOIRVILLE  
 GALESH FORD  
 NORTH POINT FORD  
 FORT MOTORS LIMITED  
 TOMBALL FORD INC.  
 JEFF SCHNEER FORD INC.  
 WALDRUP FORD INC.  
 ASTRO FORD  
 TRI-COUNTY FORD  
 PRESTIGE FORD  
 SARASOTA FORD  
 DULLO FORD-MERCURY OF CONROE  
 TEDIAH FORD INC.  
 THORNHILL FORD-MERCURY  
 SOELLER FORD LINCOLN-MERCURY INC.  
 FORT DODGE FORD L-M INC  
 DON WHITLER FORD INC  
 LONG STAR FORD

844885A 880144 ST01 JC3Z SP000 DA D88  
 1823181 882971 ST01 JC3Z SP000 DA D88  
 3801403 882974 ST01 JC3Z SP000 DA D91  
 828801 878873 ST01 JC3Z SP000 CA D88  
 1288881 481887 ST01 JC3Z SP000 DA D88  
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 307882 288877 ST01 JC3Z SP000 DA D78  
 188881 884111 ST01 JC3Z SP000 DA D88  
 840781 788811 ST01 JC3Z SP000 DA D42  
 141778A 842888 ST01 JC3Z SP000 DA D88  
 828882A 888881 ST01 JC3Z SP000 DA D88  
 8848481 648888 ST01 JC3Z SP000 DA D88  
 4018881 388188 ST01 JC3Z SP000 DA D88  
 780881 428100 ST01 JC3Z SP000 DA D88  
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 888818A 448188 ST01 JC3Z SP000 DA D88  
 888881 871881 ST01 JC3Z SP000 DA D88  
 488778A 488888 ST01 JC3Z SP000 DA D78  
 128881 888888 ST01 JC3Z SP000 DA D88  
 888772A 888188 ST01 JC3Z SP000 CA D88  
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 848144A 888888 ST01 JC3Z SP000 DA D81  
 8881781 842888 ST01 JC3Z SP000 DA D81  
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 8888481 888888 ST01 JC3Z SP000 DA D88  
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 7 204884 18284 48  
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 7 288788 14418 48  
 5 288478 18828 48  
 8 288878 48122 48







BAYOU CITY FORD TRUCK SALES INC.  
 GULLO FORD-MERCURY OF CONROE  
 COURTESY FORD  
 BEFORD FORD-MERCURY INC.  
 MCINTROSE FORD-LIN-MERC INC.  
 FORD COUNTRY  
 BLX DRIVE FORD  
 DEBORAH AUTO CENTER INC  
 PEBLES-HURST MOTOR COMPANY  
 GRANDE TRUCK CENTER  
 SEWELL FORD INC.  
 TIGETAR FORD LINCOLN-MERCURY INC.  
 PHIL LONG FORD LLC  
 RANDALL HERR FORD OF HUNTSVILLE  
 LONG STAR FORD  
 PERMAN FORD-LINCOLN-MERCURY INC.  
 LEP JOHNSON FORD TRUCK CITY  
 PERRY FITZS FORD CO INC  
 FIVE STAR FORD  
 BOBBY FORD INC.  
 DOWNTOWN FORD INC.  
 JAMES FORD INC  
 METROPOLITAN FORD  
 HOMER HELLER FORD  
 BOB UTTER FORD LINCOLN-MERCURY  
 THE FORD STORE SAN LEANDRO  
 BOYER FORD TRUCKS INC.  
 CAPITOL MOTOR COMPANY  
 DALE JARRETT FORD  
 PRESENT MOTOR COMPANY  
 COVERT FORD INC.  
 GULLO FORD-MERCURY OF CONROE  
 MADSON FORD-MERCURY INC  
 TIKAS MOTORS FORD  
 JOE MICHESIA FORD INC  
 KELLER FORD INC  
 LONGLEAF FORD  
 BERT WERNER FORD INC  
 PAUL MURPHY FORD-MERCURY INC  
 TOOTHMAN FORD SALES INC  
 TUTTLE-CLICK FORD  
 ALTOFAIR FORD INC.  
 TR-LAKE FORD-MERCURY  
 CROSSROADS FORD INC.  
 JOHNSON BROTHERS FORD LTD.  
 MARSHALL FORD  
 HENRICH FORD  
 MARSHALL FORD  
 BOONER STATE FORD TRUCK SALES INC.  
 LEONARD FORD INC.  
 CRUSCHER TRUCKS BLI & SERV CO  
 PLANEY FORD  
 RAZZANI FORD  
 REZ MCCOMB FORD  
 WESTLAND FORD  
 JIM FLIGATE FORD INC.  
 BEACH FORD INC.  
 PHIL LONG FORD OF DENVER LLC  
 WATSON QUALITY FORD  
 BILL UTTER FORD INC.  
 BOB UTTER FORD LINCOLN-MERCURY  
 YULSA AUTO GROUP

017285A	228921	8701	2C3Z	9F89	DA	D96	42	200279	1200AM	7	224398	9895	81.99
482300A	798990	8701	2C3Z	9F89	DA	D90	42	200279	1200AM	7	199990	13487	49
488198A	794893	8701	2C3Z	9F89	DA	D19	48	200279	1200AM	8	199990	14914	49
279970Z	999991	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	4	199990	11979	49
7082851	2484679	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	6	199991	7142	49
4028901	999973	8701	2C3Z	9F89	DA	D90	42	200279	1200AM	7	191293	12299	49
2899901	999909	8701	2C3Z	9F89	DA	A95	49	200279	1200AM	7	199990	20499	49
2899901	999919	8701	2C3Z	9F89	DA	D41	42	200279	1200AM	7	1944813	19079	49
2899902	7989211	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	7	293990	2997	49
049990A	9914129	8701	2C3Z	9F89	DA	D46	42	200279	1200AM	6	199990	19099	49
1799901	999991	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	6	1997907	14791	49
1399901	999799	8701	2C3Z	9F89	DA	D99	49	200279	1200AM	4	1997907	10999	49
9999901	999991	8701	2C3Z	9F89	DA	E39	42	200279	1200AM	6	1997972	21199	49
2299904	4499771	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	4	1999799	22999	49
22214101	991999	8701	2C3Z	9F89	DA	D99	49	200279	1200AM	8	1971992	13799	49
7999401	9999179	8701	2C3Z	9F89	DA	D91	49	200279	1200AM	7	1991491	99999	49
9912901	942999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	7	1999919	14999	49
1299901	4972291	8701	2C3Z	9F89	DA	D91	42	200279	1200AM	7	1999979	21999	49
19494A	499999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	4	1914999	19999	49
197997A	2994299	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	6	1999799	19999	49
7999901	9919791	8701	2C3Z	9F89	DA	A27	42	200279	1200AM	7	1999999	9999	49
029990A	799499	8701	2C3Z	9F89	DA	F99	42	200279	1200AM	7	1994479	19774	49
499990	999999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	9	1997999	14999	49
2999901	799999	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	9	1999991	13799	49
099498A	999999	8701	2C3Z	9F89	DA	D99	49	200279	1200AM	10	1979999	9914	49
297499	292299	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	9	1994999	9499	49
297291A	999991	8701	2C3Z	9F89	DA	D91	42	200279	1200AM	9	1999999	9997	49
2999191	479997	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	6	1917999	7979	49
1999901	999991	8701	2C3Z	9F89	DA	E29	41	200279	1200AM	6	1999999	14994	49
079990A	999999	8701	2C3Z	9F89	DA	D42	49	200279	1200AM	7	1999999	11742	49
4999901	249429	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	6	1917174	19499	49
499991A	799999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	6	1914999	13999	49
191914A	299999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	6	1919994	19979	84.27
2199901	249429	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	4	1919999	9499	49
2399901	449411	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	9	1999419	24799	291.79
2999191	799999	8701	2C3Z	9F89	DA	D99	49	200279	1200AM	6	1919999	9971	49
29194101	999979	8701	2C3Z	9F89	DA	D41	42	200279	1200AM	11	1919999	19199	49
029498A	327999	8701	2C3Z	9F89	DA	D91	42	200279	1200AM	7	1999999	19999	82.6
2917991	999991	8701	2C3Z	9F89	DA	D99	39	200279	1200AM	6	1917999	19799	49
9999902	299999	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	9	1911394	19999	49
2994990A	799999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	7	1999994	9477	49
299990A	999999	8701	2C3Z	9F89	DA	D91	42	200279	1200AM	9	1999999	29299	49
1299901	394799	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	6	1914999	19299	49
2747901	497991	8701	2C3Z	9F89	DA	E39	42	200279	1200AM	6	1919999	17119	49
1299791	779999	8701	2C3Z	9F89	DA	E39	49	200279	1200AM	19	1919971	19999	49
919979A	449999	8701	2C3Z	9F89	DA	D19	39	200279	1200AM	2	1919997	9799	49
4919901	797991	8701	2C3Z	9F89	DA	E29	39	200279	1200AM	2	1919991	9741	49
919991A	449999	8701	2C3Z	9F89	DA	E29	39	200279	1200AM	9	1914979	9991	49
999498A	299999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	4	1919999	29441	83.84
9991191	999999	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	9	1999992	19214	82.9
099911A	999191	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	9	1999724	19999	49
19971791	799979	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	6	1999999	11991	49
1099901	299979	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	6	1999992	19994	49
2999901	299429	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	6	1999999	9994	49
1299901	299999	8701	2C3Z	9F89	DA	D49	42	200279	1200AM	7	1999999	17299	49
099194A	997799	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	7	1919977	10994	49
1499791	999999	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	7	1994749	12991	49
0992791	999979	8701	2C3Z	9F89	DA	D49	42	200279	1200AM	6	1999991	7999	49
1799902	999999	8701	2C3Z	9F89	DA	E39	42	200279	1200AM	16	1999797	29991	49
999291	291799	8701	2C3Z	9F89	DA	E29	42	200279	1200AM	9	1999999	19999	49
099990A	999999	8701	2C3Z	9F89	DA	D91	42	200279	1200AM	9	1999492	11999	49
9999901	999791	8701	2C3Z	9F89	DA	D99	42	200279	1200AM	6	1991171	9979	49









FUTURE FORD  
 LEE BAPP FORD-MERCURY  
 ARMAND BRUTYN FORD LINC-MERC INC.  
 TOMBALL FORD INC.  
 PHL LONG FORD LLO  
 PHL LONG FORD LLC  
 CRATER LAKE MOTORS INC  
 HERITAGE FORD LINC-MERC INC.  
 CHARLIE HENDERSON FORD INC  
 PRINCE GEORGE MOTORS LTD  
 FRIENDLY FORD LINCOLN MERCURY  
 ROBERTSON FORD SALES INC.  
 RANDALL REED FORD OF HUNBLE  
 DREW FORD  
 AUTOFARM FORD INC.  
 BOYER FORD TRUCKS INC.  
 PULLMAN MOTOR CO  
 FRIENDLY FORD INC.  
 ROCKWALL FORD-MERCURY  
 BILL CURRIS FORD INC  
 PITTSBURG FORD  
 JOHN ELWAY FORD BOULDER  
 HERITAGE FORD LINC-MERC INC.  
 NICHOLS FORD  
 LONG-LEWIS FORD  
 CRESCENT FORD INC  
 FENTON FORD-MERCURY INC.  
 SHACKOVAR MOTORS INC  
 WEST TEXAS FORD INC.  
 COOK-WHITEHEAD FORD INC  
 BOWEN FORD-MERCURY  
 DOWNS FORD AT WOLFCHASE  
 MONTICELLO FORD-MERCURY INC.

220888A	7883878	8701	2C3Z	8F88	DA	F87	48 200887	1200AM	7 227888	8818	48
20157201	8443887	8701	2C3Z	8F88	DA	E28	28 288287	1200AM	10 2278184	18824	48
10882801	8882127	8701	2C3Z	8F88	DA	E28	42 207287	1200AM	7 2288848	17888	48
240288A	2028020	8704	2C3Z	8F88	DA	D88	43 200287	1200AM	8 2284282	11288	48
22882801	2288281	8701	2C3Z	8F88	DA	D88	48 288888	1200AM	7 2881841	12288	48
28242801	8828821	8701	2C3Z	8F88	DA	D82	42 284288	1200AM	8 2288882	28788	48
20888101	7727881	8701	2C3Z	8F88	DA	E28	41 200888	1200AM	8 2217882	14888	78.88
2078841	4872820	8701	2C3Z	8F88	DA	D13	42 282888	1200AM	8 2222822	24288	48
8888881	4878888	8701	2C3Z	8F88	DA	D88	41 282888	1200AM	5 2227888	22888	48
12882801	8888111	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	4 2288048	11284	82.21
888888A	8188800	8701	2C3Z	8F88	DA	D82	42 288888	1200AM	8 2188888	28728	48
4288821	2828821	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	8 2188788	12218	48
28888401	4488171	8704	2C3Z	8F88	DA	D88	44 288888	1200AM	7 2288888	18784	48
8888881	4847777	8704	2C3Z	8F88	DA	D88	42 288888	1200AM	8 2288888	11884	48
284718A	1228888	8701	2C3Z	8F88	DA	D81	43 288888	1200AM	8 2288884	18488	48
288881A	8781881	8701	2C3Z	8F88	DA	D88	48 288888	1200AM	4 2288188	8802	48
8888881	2844888	8701	2C3Z	8F88	DA	E28	42 288888	1200AM	7 2288841	8888	48
782781	2848888	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	7 2287887	11888	82.8
8884881	2822828	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	8 2288871	24288	48
2288882	8728828	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	7 2288882	21882	48
288881	8888828	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	7 2288182	28844	48
288877A	8888880	8701	2C3Z	8F88	DA	D82	28 288888	1200AM	4 2841788	18872	48
2811801	8872820	8704	2C3Z	8F88	DA	D13	42 288888	1200AM	8 2288881	17888	48
28887801	8888878	8701	2C3Z	8F88	DA	E28	48 288888	1200AM	4 2288878	12843	48
28288701	8888878	8704	2C3Z	8F88	DA	D88	42 288888	1200AM	8 2288884	88870	48
21888101	8882181	8701	2C3Z	8F88	DA	F88	42 288888	1200AM	7 2288827	14888	48
882888A	4228820	8701	2C3Z	8F88	DA	E28	42 288888	1200AM	11 2288148	12888	48
871143	7288881	8701	2C3Z	8F88	DA	E21	42 288888	1200AM	8 2288822	88881	48
8888881	8882811	8701	2C3Z	8F88	DA	D88	42 288888	1200AM	8 2288880	8888	48
10288801	7848820	8701	2C3Z	8F88	DA	F88	28 288888	1200AM	8 2288820	18882	48
18788101	8228828	8701	2C3Z	8F88	DA	D81	42 288888	1200AM	7 2278827	12318	48
8788881	2828888	8701	2C3Z	8F88	DA	E28	42 288888	1200AM	7 2278881	28788	48
2827801	2828888	8701	2C3Z	8F88	DA	E28	41 288888	1200AM	2 2288888	8882	48

Tot Cost	Dr Sub	Region	IN Proj	Comp Ctl #
Group	Lbr Hrs	Cd	Cd	
148.71	1.8 *	NA	NM	31801
188.23	1.8 *	NA	NM	34801
188.23	1.8 *	NA	NM	31801
816.28	4 *	NA	NM	31801
228.05	3.4 *	NA	GA	31801
806.18	4.6 *	NA	TX	31801
130.27	1.6 *	NA	GA	34801
130.21	1.6 *	NA	GA	31801
183.86	2 *	NA	TX	31801
288	3.8 *	NA	WA	34801
218.34	2.4 *	NA	TX	31801
887.85	4.4 *	NA	WA	31801
108.88	1 *	NA	OR	31801
841.8	4.5 *	NA	WA	31801
87.47	0.7 *	NA	OR	31801
88.78	0.9 *	NA	CA	34801
188.88	2 *	NA	OH	31801
188.45	1.8 *	NA	GA	31801
172.12	2 *	NA	TX	31801
172.12	2 *	NA	TX	31801
138.45	1.8 *	NA	GA	31801
114.88	1.2 *	NA	OR	31801
88.88	0.9 *	NA	OH	31801
178.27	1.3 *	NA	CA	31801
88.17	0.9 *	NA	NC	34801
108.88	1.1 *	NA	NC	34801
88.48	0.9 *	NA	OR	34801
88.88	0.9 *	NA	CA	31801
128.87	1.2 *	NA	CA	31801
107.86	1.4 *	NA	NC	31801
120.42	1.4 *	NA	NC	31801
104.38	0.9 *	NA	TN	31801
107.88	1.5 *	NA	OR	31801
282.85	3.8 *	NA	TX	31801
488.08	1.8 *	NA	FL	31801
388.8	4.1 *	NA	AZ	31801
181.41	2.4 *	NA	FL	31801
180.88	2.1 *	NA	CO	31801
278.73	2.8 *	NA	SC	31801
288.52	2.5 *	NA	CA	34801
188.48	1.2 *	NA	SC	31801
88.88	0.8 *	NA	WY	31801
271.48	3.5 *	NA	NM	31801
100.18	0.7 *	NA	WA	31801
121.88	1.1 *	NA	OR	31801
131.55	1.8 *	NA	SD	31801
78.38	0.4 *	NA	WA	31801
38	0 *	NA	GA	34801
72.78	0.4 *	NA	GA	31801
188.87	1.4 *	NA	SC	34801
218.88	2.7 *	NA	NM	34801
318.8	4.2 *	NA	ID	31801
108.88	1.5 *	NA	LA	31801
128.42	1.4 *	NA	ND	34801
188	0.8 *	NA	TX	31801
287.87	1.9 *	NA	CA	31801
22.8	0.3 *	NA	IL	31801
118.16	0.4 *	NA	SC	31801
188.37	1.7 *	NA	IL	31801

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147.77	1.8 *	NA	NC	31801
182.78	1.8 *	NA	NC	31801
88.88	4.7 *	NA	LA	31801
100.88	8.8 *	NA	TX	31801
182.83	1.8 *	NA	TX	31801
171.44	1.5 *	NA	SC	31801
87.48	8.7 *	NA	CO	31801
128.78	1.1 *	NA	TX	31801
188.78	1.1 *	NA	TX	31801
188.87	1.8 *	NA	NC	31801
188.88	1.8 *	NA	NC	31801
871	4.8 *	NA	CA	31801
187.77	1 *	NA	SC	31801
284.88	3.8 *	NA	AL	31801
188.88	1.8 *	NA	TX	31801
108.88	1 *	NA	IA	31801
288.88	8.8 *	NA	GA	31801
318.88	4.8 *	NA	TN	31801
188.88	1.8 *	NA	OH	31801
188.88	2.1 *	NA	AZ	31801
224.87	2.8 *	NA	CO	31801
128.37	1.1 *	NA	AZ	31801
188.18	8.8 *	NA	SC	31801
374.18	3.8 *	NA	CA	31801
82.48	8.7 *	NA	AL	31801
108.48	8.8 *	NA	OR	31801
213.32	2.8 *	NA	GA	31801
78.78	8.4 *	NA	GA	31801
304.32	2.8 *	NA	MI	31801
843.42	3.8 *	NA	AB	31801
412.78	8.3 *	NA	NC	31801
188.81	3 *	NA	WY	31801
288.8	4.8 *	NA	TX	31801
182.88	2.4 *	NA	OH	31801
188.2	8.8 *	NA	OR	31801
144.88	1.4 *	NA	TX	31801
388.78	3.8 *	NA	NC	31801
188.81	2.8 *	NA	KY	31801
288.18	3.8 *	NA	WY	31801
71	8.4 *	NA	GA	31801
212.88	2.8 *	NA	CO	31801
818.88	12.8 *	NA	NC	31801
378	1 *	NA	MI	31801
112.81	8.8 *	NA	MI	31801
308.11	8.8 *	NA	TN	31801
882.78	2 *	NA	CA	31801
388.8	4.8 *	NA	WA	31801
142.88	1.8 *	NA	GA	31801
188.8	1.7 *	NA	TX	31801
141.88	1.4 *	NA	MA	31801
118.84	1 *	NA	GA	31801
84.87	8.8 *	NA	WA	31801
82.18	8.8 *	NA	W	31801
141.88	1.8 *	NA	CA	31801
378.82	4.8 *	NA	WI	31801
218.88	2.8 *	NA	MI	31801
278.27	8.8 *	NA	FL	31801
288.8	4.8 *	NA	NM	31801
87.81	1 *	NA	MO	31801
178.88	1.8 *	NA	CO	31801
187.88	1.8 *	NA	SC	31801
182.4	8.8 *	NA	AR	31801

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148	1.8 *	NA	OR	31801
78.48	0.8 *	NA	MT	31801
280.5	0	NA	NE	31801
234.51	2.5 *	NA	KY	31801
188.48	2.2 *	NA	TX	31801
384.78	4.1 *	NA	CA	31801
87.4	0.8 *	NA	OR	31801
145.71	1.5 *	NA	MI	31801
244.45	2.9 *	NA	CO	31801
267.14	2.1 *	NA	AB	31801
125.88	1.5 *	NA	BC	31801
124.28	1.2 *	NA	DE	31801
388.48	2.7 *	NA	BC	31801
242.8	3	NA	MI	31801
111.38	1.1 *	NA	AL	31801
184.38	1.2 *	NA	MO	31801
270.88	4.5 *	NA	CA	31801
285.4	3.5 *	NA	CA	31801
187	1.8 *	NA	TX	31801
281.27	5.1 *	NA	OR	31801
128.48	1.5 *	NA	FL	31801
188.28	1.7 *	NA	CA	31801
231.79	1.9 *	NA	CA	31801
178.88	2	NA	TX	31801
242.13	2.8 *	NA	MI	31801
311.5	4.1 *	NA	TX	31801
188.28	1.8 *	NA	FL	31801
282.28	2.8 *	NA	WA	31801
182.78	2.3 *	NA	L	31801
134.87	1.4 *	NA	MT	31801
282.28	4.8 *	NA	TX	31801
102.2	0.8 *	NA	TX	31801
88.28	0.8 *	NA	FL	31801
281.18	2.2 *	NA	MI	31801
182.22	1.7 *	NA	WA	31801
182.27	2.2 *	NA	AZ	31801
225.87	4.7 *	NA	TX	31801
82.22	0.8 *	NA	FL	31801
282.48	2.8 *	NA	CA	31801
288.87	2.8 *	NA	MO	31801
118.87	0.8 *	NA	CA	31801
248.88	2.8 *	NA	MI	31801
172.48	1	NA	BC	31801
84.24	0.7 *	NA	GA	31801
282.28	2.8 *	NA	NC	31801
282.48	2.4 *	NA	BC	31801
182.28	2.2 *	NA	VA	31801
84.87	0.8 *	NA	LA	31801
78.88	0.8 *	NA	OR	31801
182.8	1.8 *	NA	FL	31801
221.88	2.1 *	NA	BC	31801
282.87	2.8 *	NA	TX	31801
288.28	2.8 *	NA	TN	31801
188.18	1.5 *	NA	IA	31801
482.84	1.4 *	NA	TX	31801
182.8	1.8 *	NA	AB	31801
82.4	0.5 *	NA	FL	31801
128.42	1.1 *	NA	CA	31801
144.48	1.4 *	NA	CA	31801
242.42	4.2 *	NA	TX	31801
117.22	0.5 *	NA	NY	31801
82.28	0.5 *	NA	CA	31801

390.04	5.9 *	NA	TX	31801
183.09	1.8 *	NA	NC	31801
288.19	4.8 *	NA	MS	31801
80.82	0.8 *	NA	LA	31801
148.81	1.8 *	NA	VA	31801
281.18	5.8 *	NA	TX	31801
88.07	0.9 *	NA	GA	31801
87.4	0.8 *	NA	OR	31801
272.08	8.8 *	NA	MS	31801
340.04	4.1 *	NA	DR	31801
227.26	2.8 *	NA	WA	31801
298.48	2.1 *	NA	CA	31801
184.4	1.7 *	NA	UT	31801
181.88	1.8 *	NA	TX	31801
148.04	1.5 *	NA	TX	31801
188.17	1.7 *	NA	AR	31801
182.84	1.3 *	NA	TX	31801
444.78	8.7 *	NA	CA	31801
188.44	2 *	NA	DR	31801
438	8 *	NA	FL	31801
187.48	2 *	NA	AZ	31801
124.88	1.1 *	NA	TX	31801
118.5	1 *	NA	TX	31801
287.28	4.8 *	NA	TX	31801
382.07	4.2 *	NA	TX	31801
188.84	1.8 *	NA	GA	31801
188.08	1.8 *	NA	GA	31801
378.84	8 *	NA	OK	31801
228.48	2.7 *	NA	UT	31801
228.17	2.4 *	NA	CO	31801
261.74	8.1 *	NA	NC	31801
182.88	1.8 *	NA	DR	31801
188.8	1.8 *	NA	UT	31801
284.8	2.7 *	NA	AR	31801
188.88	1.8 *	NA	TX	31801
88.88	0.8 *	NA	CO	31801
187.88	1.8 *	NA	DR	31801
188.87	2 *	NA	FL	31801
187.8	0.8 *	NA	VA	31801
114.88	1.4 *	NA	TX	31801
312.87	4.1 *	NA	TX	31801
348.87	4.8 *	NA	FL	31801
288.78	2.8 *	NA	TX	31801
214.82	2.4 *	NA	CA	31801
178.8	2.2 *	NA	TX	31801
88.88	0.7 *	NA	CA	31801
234.81	2.2 *	NA	CA	31801
88.81	0.7 *	NA	MI	31801
288.3	2.1 *	NA	CA	31801
88.8	0.8 *	NA	MS	31801
182.88	1.2 *	NA	TX	31801
348.28	2.1 *	NA	NC	31801
188.88	1 *	NA	MA	31801
271.28	2 *	NA	MI	31801
128.11	1.2 *	NA	NC	31801
228.48	2.1 *	NA	TX	31801
288.8	2.3 *	NA	CA	31801
187.4	1.8 *	NA	CA	31801
188.88	0.8 *	NA	TX	31801
814.11	8.8 *	NA	CA	31801
287.18	1.8 *	NA	AR	31801
88	8.1 *	NA	TX	31801

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912.8	1*	NA	LA	31801
1491.88	1.8*	NA	TX	31801
394	2*	NA	VA	31801
381.82	2*	NA	FL	31801
348.24	2*	NA	CA	31801
188.48	1.7*	NA	CA	31801
278.3	2.5*	NA	TX	31801
184.88	2.8*	NA	AR	31801
117.88	1.1*	NA	SC	31801
188.14	1*	NA	SC	31801
188.21	0.8*	NA	OR	31801
182.11	1.7*	NA	NJ	31801
308.8	2.9*	NA	TX	31801
288.04	2*	NA	CA	31801
120.84	1.3*	NA	TX	31801
288.88	3.1*	NA	TX	31801
108.88	2.5*	NA	TX	31801
308.8	4.2*	NA	TX	31801
820.88	8*	NA	TN	31801
142.12	1.5*	NA	TX	31801
107.2	1*	NA	TX	31801
188.88	1*	NA	GA	31801
288.18	3.2*	NA	TX	31801
288.88	2.9*	NA	TX	31801
108.47	2.3*	NA	FL	31801
302.22	3.1*	NA	OR	31801
302.7	4.1*	NA	WA	31801
247.2	3.1*	NA	NC	31801
817.82	8.7*	NA	CA	31801
188.88	2.3*	NA	FL	31801
381.82	4.7*	NA	TX	31801
308.2	2.5*	NA	CA	31801
147.22	2*	NA	NE	31801
188.1	1.7*	NA	CA	31801
218.72	2.1*	NA	CA	31801
281.81	3.5*	NA	FL	31801
288.2	3.2*	NA	TX	31801
88.88	0.7*	NA	WA	31801
114.88	1.4*	NA	PA	31801
288.48	4.2*	NA	TX	31801
124.21	1.4*	NA	OR	31801
188.87	1.5*	NA	WA	31801
217.81	2.2*	NA	CA	31801
121.88	0.9*	NA	TX	31801
144.22	1.3*	NA	FL	31801
288.71	3.2*	NA	W	31801
78.72	0.5*	NA	ND	31801
148.8	1.8*	NA	ND	31801
88.88	0.8*	NA	OK	31801
288.14	4.2*	NA	TX	31801
144.84	1.3*	NA	OR	31801
188.88	2.2*	NA	NC	31801
177.87	2.3*	NA	TX	31801
188.2	2.3*	NA	TX	31801
148.27	1.2*	NA	TX	31801
188.01	1.3*	NA	TX	31801
100.81	0.8*	NA	AL	31801
128.7	1.3*	NA	FL	31801
182.8	1.7*	NA	CA	31801
288.72	1.4*	NA	AB	31801
138.42	2*	NA	TX	31801
182.84	1.8*	NA	CA	31801

FORM 442 2000

284.7	3.0 *	NA	LA	31001
90.88	0.9 *	NA	FL	31001
101.18	0.9 *	NA	CA	31001
214.28	4.2 *	NA	TX	31001
228.48	1.9 *	NA	AB	31001
170.82	2 *	NA	NC	31001
184.41	1.7 *	NA	TX	31001
102.28	0.9 *	NA	TN	31001
95.47	1 *	NA	TN	31001
101.1	1 *	NA	TX	31001
297.88	2.9 *	NA	TX	31001
272.81	3.9 *	NA	CO	31001
278.88	4.9 *	NA	GA	31001
158.98	2.9 *	NA	FL	31001
87.82	0.9 *	NA	OR	31001
388.88	3.1 *	NA	CA	31001
184.28	2.2 *	NA	KY	31001
114.84	1.4 *	NA	FL	31001
188.88	1.9 *	NA	CA	31001
282.87	2.7 *	NA	CA	31001
328.7	4.1 *	NA	WA	31001
148.28	0.9 *	NA	AB	31001
188.97	1 *	NA	AB	31001
288.12	3.8 *	NA	FL	31001
288.28	2.4 *	NA	CA	31001
144.14	1.8 *	NA	IA	31001
138.88	1.4 *	NA	MO	31001
188.88	1.8 *	NA	MI	31001
117.27	1 *	NA	MD	31001
148.87	1.4 *	NA	FL	31001
188.78	2 *	NA	NE	31001
148.8	1.4 *	NA	AZ	31001
218.07	2.8 *	NA	GA	31001
98.8	1.7 *	NA	TX	31001
388.18	6.2 *	NA	AL	31001
283.8	2.8 *	NA	NY	31001
213.88	1.8 *	NA	AB	31001
188.8	2.2 *	NA	GA	31001
282.87	4.1 *	NA	MS	31001
114.88	1.3 *	NA	NO	31001
138.78	1.2 *	NA	FL	31001
102.48	0.9 *	NA	OR	31001
172.81	1.4 *	NA	CA	31001
142.24	1.9 *	NA	CO	31001
288.8	2.5 *	NA	MI	31001
282.87	2.2 *	NA	MN	31001
117.07	1.4 *	NA	NC	31001
144.87	1.4 *	NA	TX	31001
188.87	1 *	NA	FL	31001
288.72	3.1 *	NA	FL	31001
288.2	3.2 *	NA	TX	31001
288.88	4.5 *	NA	CA	31001
187.47	1.4 *	NA	AB	31001
128.4	1.2 *	NA	TX	31001
218.88	4.9 *	NA	TX	31001
282.18	3.8 *	NA	MO	31001
178	2 *	NA	GA	31001
128.04	1.2 *	NA	CA	31001
188.82	2 *	NA	TX	31001
288.47	3.8 *	NA	CA	31001
282.18	3.8 *	NA	WA	31001
112.8	1 *	NA	TX	31001



FORM 944 2010

181.84	1 *	NA	MO	31801
284.31	4.1 *	NA	OK	31801
931.16	1.6 *	NA	LA	31801
803.7	4.1 *	NA	FL	31801
118.28	5.1 *	NA	MO	31801
228.1	1.8 *	NA	CA	31801
148.2	1.4 *	NA	OK	31801
112.13	3.9 *	NA	S.	31801
228.42	6.6 *	NA	TN	31801
198.38	1 *	NA	CO	31801
340.37	4.1 *	NA	TX	31801
214.87	1.6 *	NA	MS	31801
281.84	4.8 *	NA	TX	31801
1408.84	15.1 *	NA	CA	31801
198.85	2.2 *	NA	NV	31801
380.4	3.4 *	NA	AZ	31801
101.84	1 *	NA	NC	31801
83	6.8 *	NA	TX	31801
118.3	1 *	NA	OR	31801
168.85	1.6 *	NA	CA	31801
253.37	2.5 *	NA	TX	31801
131.8	1.3 *	NA	NC	31801
183.14	2 *	NA	WA	31801
108.85	6.8 *	NA	TX	31801
133.67	1.4 *	NA	MT	31801
187.01	1.1 *	NA	SC	31801
198.78	1.1 *	NA	TX	31801
201.48	2.3 *	NA	FL	31801
187.37	1.2 *	NA	MS	31801
114.88	1 *	NA	TX	31801
178.11	6.7 *	NA	TX	31801
183.1	1 *	NA	UT	31801
218.18	2.8 *	NA	FL	31801
188.85	1.4 *	NA	FL	31801
118.88	1.2 *	NA	OK	31801
188.8	1.4 *	NA	NJ	31801
214.88	4 *	NA	FL	31801
187.84	1.8 *	NA	AL	31801
288.44	2.8 *	NA	TX	31801
181.88	1.8 *	NA	TX	31801
188.88	1 *	NA	NC	31801
282.88	2.7 *	NA	VA	31801
88.8	1 *	NA	TN	31801
123.88	1.1 *	NA	CO	31801
188.88	1.8 *	NA	CA	31801
184.2	2.2 *	NA	VA	31801
388.87	4.2 *	NA	TX	31801
387.87	2.4 *	NA	CA	31801
378.14	8.8 *	NA	FL	31801
88.48	6.7 *	NA	KS	31801
227.8	2.8 *	NA	KY	31801
388.88	4.8 *	NA	TX	31801
488.85	2.1 *	NA	TX	31801
188.7	6.8 *	NA	AZ	31801
182.8	3 *	NA	GA	31801
134.88	1.2 *	NA	GA	31801
118.8	1 *	NA	FL	31801
484.38	2.8 *	NA	CA	31801
448.38	4 *	NA	CA	31801
188.47	1.8 *	NA	MI	31801
134.88	1 *	NA	MI	31801
312.47	4 *	NA	TX	31801

1000-040 20101

125.27	1.4 *	NA	TX	21801
202.4	3.3 *	NA	MO	21801
82.17	2.7 *	NA	TX	21801
202.85	1.8 *	NA	KY	21801
102.44	1.5 *	NA	AZ	21801
155.32	0.8 *	NA	AB	21801
346.9	2.9 *	NA	OH	21801
120.98	1.3 *	NA	MI	21801
118.82	1.2 *	NA	OK	21801
202.24	2.5 *	NA	TX	21801
134.54	1.8 *	NA	AR	21801
81.23	0.8 *	NA	GA	21801
108.88	2.1 *	NA	TX	21801
130	1.3 *	NA	SD	21801
118.14	1 *	NA	TX	21801
128.88	1.7 *	NA	TN	21801
107.88	0.9 *	NA	TX	21801
81.82	1 *	NA	ND	21801
70.51	0.4 *	NA	GA	21801
208.28	1.3 *	NA	IL	21801
275.24	2.2 *	NA	VA	21801
178.26	2.8 *	NA	FL	21801
148.48	1.8 *	NA	FL	21801
271.27	4.2 *	NA	MO	21801
108.22	1 *	NA	MS	21801
124.25	1.4 *	NA	ME	21801
100.67	0.7 *	NA	NC	21801
88.88	0.8 *	NA	IL	21801
101.88	0.8 *	NA	FL	21801
81	0.7 *	NA	AZ	21801
373.21	3.0 *	NA	CA	21801
518.51	1.7 *	NA	CA	21801
134.41	1.3 *	NA	MA	21801
207.28	1.8 *	NA	CT	21801
107.31	1 *	NA	TX	21801
187.4	2.5 *	NA	MS	21801
224.27	2.8 *	NA	MO	21801
270	3.4 *	NA	TX	21801
187.27	1.1 *	NA	AB	21801
128.88	1.1 *	NA	TX	21801
188.8	0.8 *	NA	TX	21801
108.51	0.8 *	NA	KY	21801
484.81	3.8 *	NA	NJ	21801
102.34	0.8 *	NA	LA	21801
177.88	2 *	NA	TX	21801
208.8	3.5 *	NA	FL	21801
178.28	2.3 *	NA	OK	21801
802.67	3.5 *	NA	CA	21801
121.28	1.1 *	NA	NY	21801
80.8	0.6 *	NA	OR	21801
108.48	0.8 *	NA	TX	21801
202.27	2.8 *	NA	IL	21801
172.54	2 *	NA	FL	21801
208.44	3.5 *	NA	TX	21801
227.28	3 *	NA	OK	21801
208.28	3.5 *	NA	TX	21801
208.28	2.4 *	NA	TX	21801
158.28	0.9 *	NA	TX	21801
122.88	1.8 *	NA	TX	21801
188.47	0.5 *	NA	NP	21801
108.24	1.8 *	NA	GA	21801
128.18	1.8 *	NA	OK	21801

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299.25	4.2 *	NA	NY	21801
84.45	0.7 *	NA	TX	21801
148.44	0.7 *	NA	AS	21801
249.71	2.8 *	NA	TX	21801
151.84	1.1 *	NA	CA	21801
189.78	1.8 *	NA	MA	21801
274.74	4.5 *	NA	TX	21801
198.95	1.4 *	NA	AR	21801
389.77	4.3 *	NA	AZ	21801
205.48	4.1 *	NA	TX	21801
247.78	4.5 *	NA	CO	21801
229.57	2.2 *	NA	AZ	21801
248.83	3.8 *	NA	OH	21801
228.59	2.8 *	NA	TX	21801
182.31	0.9 *	NA	TX	21801
251.88	1.8 *	NA	MO	21801
184.12	1.8 *	NA	TX	21801
72.74	0.4 *	NA	TX	21801
218.78	2.4 *	NA	MD	21801
184.8	1 *	NA	TX	21801
120.3	1 *	NA	CA	21801
225.88	4.2 *	NA	TX	21801
254.83	3.1 *	NA	MD	21801
197.18	1 *	NA	WY	21801
488.84	5.4 *	NA	CA	21801
282.6	2.4 *	NA	GA	21801
188.85	1.9 *	NA	CA	21801
188.7	1 *	NA	MO	21801
128.78	1.5 *	NA	SC	21801
103.84	0.9 *	NA	OR	21801
144.78	1.8 *	NA	KE	21801
288.85	2.3 *	NA	CA	21801
238.88	1.4 *	NA	CA	21801
163.81	2 *	NA	NC	21801
188.17	1.8 *	NA	CA	21801
808.74	4.4 *	NA	TX	21801
188.88	1.8 *	NA	TX	21801
74.34	0.8 *	NA	IN	21801
234.78	4 *	NA	GA	21801
187.32	1.3 *	NA	SK	21801
104.84	0.8 *	NA	WY	21801
227.72	2.4 *	NA	CA	21801
110.4	1 *	NA	TN	21801
188.84	1.5 *	NA	NJ	21801
87.34	0.7 *	NA	WI	21801
111.8	1 *	NA	TX	21801
188.91	0.9 *	NA	SC	21801
137	1.5 *	NA	NC	21801
188.24	1.7 *	NA	NC	21801
274.88	4.5 *	NA	TX	21801
274.91	2.5 *	NA	IN	21801
184.78	2.2 *	NA	TX	21801
88.4	0.8 *	NA	VA	21801
312.15	4 *	NA	TX	21801
188.12	2 *	NA	WA	21801
387.87	4.5 *	NA	TX	21801
103.8	1 *	NA	TX	21801
248.88	8.4 *	NA	TX	21801
88.18	1.1 *	NA	TX	21801
178.18	1 *	NA	SC	21801
82.8	0.6 *	NA	CA	21801
111.88	0.9 *	NA	MO	21801

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191	2 *	NA	GA	31801
276.21	3.7 *	NA	CO	31801
140.7	1.9 *	NA	CA	31801
322.30	4.1 *	NA	FL	31801
179.81	1.9 *	NA	MI	31801
381.64	4.8 *	NA	TX	31801
176.72	1.9 *	NA	TX	31801
257.87	4.5 *	NA	TX	31801
234.01	4.2 *	NA	TX	31801
746.06	2 *	NA	AL	31801
182.3	1.8 *	NA	TX	31801
121.46	1.1 *	NA	TX	31801
148.88	1.2 *	NA	CA	31801
222.01	1.4 *	NA	PA	31801
153.88	1 *	NA	CO	31801
282.12	2.5 *	NA	TX	31801
157.71	0.7 *	NA	PA	31801
273.86	1 *	NA	CA	31801
125.87	1.3 *	NA	MI	31801
148.21	1 *	NA	CA	31801
144.28	1.7 *	NA	AR	31801
207.66	1.3 *	NA	BC	31801
282.07	2.6 *	NA	GA	31801
226.38	1.7 *	NA	MI	31801
157.72	1 *	NA	MI	31801
788.7	16.1 *	NA	OH	31801
154.2	1.5 *	NA	TX	31801
154.05	1.2 *	NA	AZ	31801
158.75	1.2 *	NA	NC	31801
222.04	2.9 *	NA	TX	31801
122.46	2 *	NA	VA	31801
125.42	1.3 *	NA	MA	31801
127.65	1.2 *	NA	CA	31801
200.5	2.9 *	NA	AR	31801
153.47	1.5 *	NA	SK	31801
180.05	1.7 *	NA	TX	31801
180.72	1.8 *	NA	CA	31801
142.74	1.8 *	NA	TX	31801
182.82	1.9 *	NA	GA	31801
150.3	1.4 *	NA	LA	31801
246.48	6.3 *	NA	MD	31801
244.44	2.7 *	NA	NY	31801
127.11	1.6 *	NA	TX	31801
124.07	1.1 *	NA	VA	31801
100.25	1 *	NA	MO	31801
222.17	2.1 *	NA	BC	31801
174.4	1.8 *	NA	TN	31801
179.24	1.3 *	NA	OH	31801
202.3	2.2 *	NA	TX	31801
134.88	1.4 *	NA	TX	31801
127.21	1.4 *	NA	OK	31801
121.8	1 *	NA	MD	31801
200.02	0.7 *	NA	MT	31801
226.21	2.6 *	NA	FL	31801
182.28	1.8 *	NA	TX	31801
488.4	8.3 *	NA	W	31801
187.73	1.8 *	NA	L	31801
112.84	1 *	NA	NC	31801
222.71	3.8 *	NA	LA	31801
147.8	1.8 *	NA	TN	31801
114	1 *	NA	OK	31801
134.28	1.2 *	NA	MD	31801

189.77	1.1	NA	OH	31801
734.91	1.9	NA	AR	31801
173.07	1.1	NA	PA	31801
283.34	3.8	NA	ON	31801
186.4	1.2	NA	CA	31801
101.72	1	NA	SO	31801
213.78	2.8	NA	TX	31801
128.87	1.1	NA	KS	31801
345.88	4.8	NA	TX	31801
828.87	4.8	NA	NC	31801
503.88	8.1	NA	TX	31801
227.8	3.4	NA	AR	31801
141.48	1.8	NA	MO	31801
802.87	6.8	NA	NE	31801
284.8	3	NA	TX	31801
171.8	1.8	NA	CO	31801
201.76	1.1	NA	GA	31801
278.83	2.8	NA	NY	31801
128.88	1	NA	NY	31801
185.88	1.7	NA	TX	31801
88.38	0.8	NA	TX	31801
117.88	1.2	NA	TX	31801
124.88	1.3	NA	UT	31801
108.18	0.8	NA	WA	31801
228.12	2.3	NA	CA	31801
101.22	0.6	NA	FL	31801
304.28	4.2	NA	AR	31801
77	0.4	NA	CA	31801
141.3	1.3	NA	MA	31801
186.4	1.8	NA	CA	31801
188	1.1	NA	OH	31801
188.47	1.8	NA	TX	31801
438.28	4.8	NA	MO	31801
888.84	4.1	NA	TX	31801
188.24	2.2	NA	TX	31801
188.88	2	NA	MO	31801
188.88	1.4	NA	WA	31801
172.18	1.7	NA	SO	31801
228.28	1.8	NA	MO	31801
208.14	2.8	NA	AR	31801
147.2	1.8	NA	VA	31801
187.88	1.8	NA	CA	31801
188.88	0.8	NA	WY	31801
138.28	1.8	NA	CO	31801
187.7	1	NA	CA	31801
228.87	2.1	NA	ON	31801
138.28	0.7	NA	ME	31801
184.74	1.4	NA	NO	31801
188.8	0.8	NA	OK	31801
148.88	1.8	NA	ME	31801
281.88	4.3	NA	MO	31801
48	0	NA	CA	31801
71.28	0.4	NA	MO	31801
288.8	2.2	NA	MI	31801
128.18	1.4	NA	WA	31801
113.41	0.8	NA	GA	31801
111.18	0.8	NA	MD	31801
348.48	4.3	NA	FL	31801
181.4	1.8	NA	BC	31801
411.8	4.3	NA	CA	31801
188.88	1.2	NA	VA	31801
811.78	1.1	NA	MA	31801

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148.8	1.8 *	NA	GA	31801
105.88	1.8 *	NA	VA	31801
144.2	1.8 *	NA	TN	31801
301.57	4.4 *	NA	TX	31801
87.1	0.7 *	NA	OK	31801
118.8	1 *	NA	IL	31801
395.48	8.8 *	NA	NC	31801
106.91	0.8 *	NA	MO	31801
394.1	4.8 *	NA	PA	31801
184.8	2.2 *	NA	PA	31801
88.87	0.8 *	NA	NC	31801
771.72	1.8 *	NA	CA	31801
388.08	1.8 *	NA	CA	31801
238.81	2.8 *	NA	MS	31801
134.2	1.2 *	NA	TX	31801
188.87	1.8 *	NA	CA	31801
378.7	4.1 *	NA	TX	31801
120.88	1.2 *	NA	LA	31801
137.74	0.7 *	NA	AZ	31801
388.48	2 *	NA	NC	31801
307.4	3.8 *	NA	FL	31801
330.81	2.2 *	NA	NJ	31801
437.78	5.8 *	NA	TX	31801
118.8	0.8 *	NA	FL	31801
138.88	1.2 *	NA	CA	31801
141.88	1.8 *	NA	VA	31801
88.8	0.7 *	NA	OK	31801
103.81	0.8 *	NA	FL	31801
300.82	4.1 *	NA	TX	31801
188.88	1.8 *	NA	CA	31801
188.81	1.8 *	NA	MI	31801
114.71	1 *	NA	TX	31801
178.48	3.1 *	NA	FL	31801
287.88	4.1 *	NA	LA	31801
208.12	2.1 *	NA	LA	31801
388.81	4.8 *	NA	FL	31801
348.84	4.8 *	NA	AZ	31801
148.8	1.4 *	NA	MI	31801
108.81	0.8 *	NA	FL	31801
74.88	0.4 *	NA	CA	31801
388.2	4.8 *	NA	TX	31801
178.88	1.8 *	NA	CO	31801
381.88	4.8 *	NA	MO	31801
178.88	1.8 *	NA	CA	31801
288.81	3.8 *	NA	TX	31801
188.88	1.8 *	NA	MI	31801
281.87	4.7 *	NA	AL	31801
287.72	3.8 *	NA	MI	31801
78.7	0.8 *	NA	MI	31801
121.84	1 *	NA	CA	31801
482.18	2.2 *	NA	CA	31801
84.88	1 *	NA	GA	31801
88.88	0.7 *	NA	VT	31801
82.88	0.8 *	NA	TX	31801
133.87	1.1 *	NA	CA	31801
188.42	1.7 *	NA	CA	31801
348.84	4.8 *	NA	TX	31801
381.12	5.8 *	NA	CA	31801
88.4	0.8 *	NA	MI	31801
114.48	0.8 *	NA	MI	31801
142.8	1.7 *	NA	TX	31801
187	1.8 *	NA	TX	31801

164.28	7.8 *	NA	L	31801
174.78	1.2 *	NA	CA	31801
180.33	1.6 *	NA	MI	31801
202.17	4.1 *	NA	CA	31801
194.89	0.8 *	NA	MO	31801
200.84	4.7 *	NA	TX	31801
184.82	1.9 *	NA	AZ	31801
111.5	7 *	NA	KY	31801
191.89	1 *	NA	NY	31801
198.29	1.1 *	NA	OR	31801
261.18	4.8 *	NA	TX	31801
129.5	1.5 *	NA	CA	31801
89.41	0.9 *	NA	WA	31801
198.09	1 *	NA	OR	31801
144.98	1.4 *	NA	TX	31801
88.17	0.5 *	NA	MN	31801
898.29	8.8 *	NA	AB	31801
138.31	1.4 *	NA	SC	31801
81.48	0.8 *	NA	NC	31801
107.22	2.1 *	NA	CA	31801
291.44	3.1 *	NA	KY	31801
204.29	4.2 *	NA	UT	31801
128.22	2.4 *	NA	NC	31801
288.5	4.8 *	NA	TX	31801
284.29	4.8 *	NA	UT	31801
154.15	1.8 *	NA	FL	31801
238.27	4.2 *	NA	TN	31801
188.87	4.2 *	NA	AL	31801
808.1	8.8 *	NA	WA	31801
198.48	1.7 *	NA	ID	31801
188.44	2.8 *	NA	FL	31801
491.98	1.1 *	NA	PA	31801
198.88	1 *	NA	TX	31801
282.77	4.2 *	NA	CO	31801
238.25	1.4 *	NA	AB	31801
218.77	2.8 *	NA	WA	31801
88.8	0.8 *	NA	TN	31801
101.1	1.8 *	NA	TX	31801
74.8	0.4 *	NA	TX	31801
93.71	0.7 *	NA	TX	31801
117.8	1.1 *	NA	IN	31801
218.28	4 *	NA	NM	31801
288.3	3.8 *	NA	FL	31801
191.98	0.9 *	NA	OH	31801
182.72	1.2 *	NA	TX	31801
89.4	0.8 *	NA	MN	31801
148.8	1.7 *	NA	NC	31801
282.84	2.7 *	NA	GA	31801
282.4	3 *	NA	GA	31801
148.84	1.4 *	NA	TX	31801
191.88	1.5 *	NA	CA	31801
78.88	0.4 *	NA	CA	31801
108	0.8 *	NA	MI	31801
282.28	3.4 *	NA	BC	31801
288.88	3 *	NA	CA	31801
288.31	1.9 *	NA	TX	31801
221.7	4.7 *	NA	TX	31801
221.7	4.1 *	NA	TX	31801
148.22	1.4 *	NA	AZ	31801
288.88	8.2 *	NA	TX	31801
147.88	1.8 *	NA	FL	31801
131.88	1.8 *	NA	TX	31801

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307	4 *	NA	AL	31001
131.26	0.0 *	NA	NC	31001
177.7	1.8 *	NA	DC	31001
240.08	4.0 *	NA	TX	31001
140.37	1.4 *	NA	L	31001
310.00	3.0 *	NA	MA	31001
470.0	4.0 *	NA	MS	31001
194.1	1.1 *	NA	N	31001
221.06	4.1 *	NA	TX	31001
264.01	3 *	NA	MO	31001
100	1.0 *	NA	CO	31001
09.09	0.7 *	NA	CA	31001
248.3	2 *	NA	CA	31001
120	1.0 *	NA	NC	31001
107.51	1.0 *	NA	CA	31001
348.07	4.3 *	NA	CA	31001
223.7	4.1 *	NA	TX	31001
101.03	1.0 *	NA	P	31001
100.0	2.2 *	NA	TX	31001
174.00	1 *	NA	CA	31001
07.07	0.7 *	NA	D	31001
140.10	1.4 *	NA	AZ	31001
310.20	3.0 *	NA	AZ	31001
104.4	1.7 *	NA	KS	31001
400.00	3.2 *	NA	CA	31001
100	1.0 *	NA	WA	31001
214.00	1.2 *	NA	TX	31001
120.72	1.2 *	NA	MS	31001
170.0	1.0 *	NA	CO	31001
137.30	1.4 *	NA	TX	31001
112.0	1.2 *	NA	LA	31001
200.01	3 *	NA	TX	31001
200.00	0.0 *	NA	CA	31001
177.0	0.0 *	NA	GH	31001
100.00	0.0 *	NA	WA	31001
100.00	1.0 *	NA	CA	31001
107.0	1.0 *	NA	CA	31001
207.04	4.4 *	NA	P	31001
170.07	1.7 *	NA	L	31001
201.20	4.4 *	NA	TX	31001
100.47	1.0 *	NA	TX	31001
177.00	2.1 *	NA	P	31001
340.04	4.2 *	NA	AZ	31001
220.30	3.0 *	NA	CA	31000
107	1.0 *	NA	TX	31001
204.07	2.4 *	NA	TX	31001
07.00	0.3 *	NA	SD	31001
300.7	4.1 *	NA	TX	31001
100.7	2.1 *	NA	OH	31001
100.04	1.0 *	NA	TX	31001
214.20	2.4 *	NA	MI	31001
100.70	0.0 *	NA	CA	31001
110.4	1.1 *	NA	N	31001
140.10	1.1 *	NA	N	31001
100.2	1.0 *	NA	N	31001
100.00	1 *	NA	L	31001
144.00	1.0 *	NA	TX	31001
100	3.0 *	NA	AR	31001
100.00	0.7 *	NA	CO	31001
144.0	1.0 *	NA	P	31001
100.00	1 *	NA	CA	31001
00.0	0.7 *	NA	CA	31001

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144.9	1.4 *	NA	OK	31801
281.7	4.1 *	NA	TX	31801
92.94	0.7 *	NA	NC	31801
278.39	2.3 *	NA	SC	31801
184.1	1.1 *	NA	FL	31801
200.8	3.4 *	NA	GA	31801
232.95	2.9 *	NA	IA	31801
324.59	2.1 *	NA	CA	31801
182.62	1.1 *	NA	CA	31801
282.89	3 *	NA	FL	31801
171.17	1.7 *	NA	CA	31801
485.5	7.2 *	NA	FL	31801
389.99	4.8 *	NA	TX	31801
117.39	1 *	NA	TX	31801
130.83	1.5 *	NA	AL	31801
188.85	1.8 *	NA	MO	31801
188.19	1.8 *	NA	AZ	31801
102.47	1.3 *	NA	CA	31801
428.91	5.4 *	NA	AZ	31801
288.39	3 *	NA	CA	31801
200	5.8 *	NA	FL	31801
115.89	0.9 *	NA	CA	31801
419	1 *	NA	NC	31801
114.89	1.1 *	NA	FL	31801
117.1	1 *	NA	ME	31801
291.49	2.1 *	NA	WA	31801
102.24	0.9 *	NA	FL	31801
122.95	0.9 *	NA	CA	31801
99.92	1 *	NA	ME	31801
191.19	2.1 *	NA	GA	31801
203.6	3.3 *	NA	TX	31801
134.8	1.4 *	NA	IN	31801
188.05	1.4 *	NA	MD	31801
182.12	1.9 *	NA	FL	31801
188.59	1.4 *	NA	CA	31801
204.99	2.3 *	NA	CO	31801
149.9	1.9 *	NA	OR	31801
284.4	3.2 *	NA	CA	31801
251.99	3.8 *	NA	MD	31801
182.23	1.9 *	NA	MN	31801
181.99	0.9 *	NA	SC	31801
289.9	4.8 *	NA	GA	31801
191.75	1.8 *	NA	CA	31801
267.19	2.1 *	NA	AB	31801
192.9	1.5 *	NA	MS	31801
118.5	1.2 *	NA	ME	31801
178.01	1.8 *	NA	AZ	31801
198.89	3.2 *	NA	CO	31801
118.9	0.9 *	NA	IL	31801
82.4	0.7 *	NA	TX	31801
208.99	1.5 *	NA	CA	31801
117.7	1 *	NA	ME	31801
214.21	3 *	NA	TN	31801
282.99	4.3 *	NA	FL	31801
128.9	1.2 *	NA	TX	31801
188.07	2 *	NA	LA	31801
343.85	4.3 *	NA	TX	31801
296.9	1.4 *	NA	CA	31801
184.12	1.8 *	NA	FL	31801
388.99	4.8 *	NA	TX	31801
184.82	2 *	NA	TX	31801
214.26	2.4 *	NA	MD	31801

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49	0 *	NA	TX	31001
183.75	2.5 *	NA	TX	31001
207.19	3.1 *	NA	SC	31001
244	3 *	NA	AR	31001
181.08	1.5 *	NA	OH	31001
198.85	0.8 *	NA	TX	31001
188.34	1.5 *	NA	CO	31001
214.33	2.4 *	NA	MD	31001
144.49	1.8 *	NA	TX	31001
148.91	1.2 *	NA	WA	30001
125.43	1.8 *	NA	TX	30001
120.4	1.1 *	NA	GA	30001
226.88	2.9 *	NA	NE	30001
219.82	2.8 *	NA	TX	31001
120	1.1 *	NA	TX	30001
132.21	1.5 *	NA	NC	31001
114.4	0.9 *	NA	UT	30001
222	1.4 *	NA	AL	30001
84.48	0.7 *	NA	WV	30001
121.52	1.2 *	NA	TX	30001
114.37	0.9 *	NA	CO	30001
88.11	0.4 *	NA	MN	30001
223	4 *	NA	NC	30001
125.49	1.1 *	NA	ID	30001
121.67	1.2 *	NA	TX	30001
87.21	0.8 *	NA	OR	31001
454.84	3.8 *	NA	CA	30001
227.81	4.5 *	NA	CA	31001
87.89	0.9 *	NA	AL	31001
128.87	1.5 *	NA	FL	31001
322.6	3.8 *	NA	GA	31001
112.38	1.3 *	NA	OH	31001
222.28	2.5 *	NA	E	31001
144.26	1.5 *	NA	MI	31001
328.34	4.1 *	NA	TX	30001
81.88	0.6 *	NA	UT	31001
91.82	0.9 *	NA	WA	30001
103.82	1.7 *	NA	AZ	31001
111.33	0.9 *	NA	TX	31001
85.27	0.8 *	NA	CA	30001
218.57	2.5 *	NA	KY	31001
201.02	3 *	NA	CA	30001
113.33	1.2 *	NA	LA	31001
204.6	2.9 *	NA	WA	31001
148	1.9 *	NA	GA	30001
382.88	4.3 *	NA	CA	30001
103.32	0.4 *	NA	VA	31001
108.87	1.1 *	NA	TH	31001
129.79	1.4 *	NA	MI	31001
125.8	0.9 *	NA	AB	30001
140	1.4 *	NA	CA	31001
147.88	1.5 *	NA	FL	30001
187.18	1.7 *	NA	TX	31001
185.08	1.8 *	NA	ID	31001
212.20	1.2 *	NA	SC	31001
188.87	2 *	NA	CA	31001
141.07	1.1 *	NA	CA	30001
120	1.1 *	NA	LA	31001
101.22	0.9 *	NA	TX	31001
188.8	1.5 *	NA	AL	31001
198.88	2.8 *	NA	PA	31001
218.31	2.9 *	NA	TX	31001

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170.86	1.8 *	NA	FL	31801
858.88	4 *	NA	MO	31801
124.84	1.1 *	NA	CO	31801
118.24	1.3 *	NA	UT	31801
171.84	1.8 *	NA	UT	31801
280.88	2.2 *	NA	CT	31801
127	1.2 *	NA	OH	31801
248.84	3.1 *	NA	OH	31801
112.85	1.1 *	NA	WA	31801
227.15	1.4 *	NA	TX	31801
188.8	2.2 *	NA	OH	31801
228.88	2.4 *	NA	CO	31801
228.84	0.8 *	NA	CA	31801
214.15	3 *	NA	TX	31801
141.87	1.1 *	NA	CA	31801
184.4	1.7 *	NA	GA	31801
180.88	0.8 *	NA	WY	31801
128.88	1.3 *	NA	NY	31801
121.22	1.3 *	NA	SD	31801
118.87	1 *	NA	TX	31801
188.79	1.8 *	NA	CA	31801
141.8	1.7 *	NA	WA	31801
224.88	3.8 *	NA	CA	31801
148.88	1.3 *	NA	IL	31801
228.28	1.4 *	NA	TX	31801
428.82	1.4 *	NA	AR	31801
288.8	3.2 *	NA	GA	31801
178	2 *	NA	NY	31801
188	1 *	NA	PA	31801
828.88	2.4 *	NA	PO	31801
228	4 *	NA	CA	31801
188.84	0.8 *	NA	AB	31801
187.57	1 *	NA	BI	31801
181.57	0.8 *	NA	GA	31801
184.88	1.8 *	NA	MO	31801
227.82	3.4 *	NA	CA	31801
118.21	1.8 *	NA	MI	31801
288.18	2.4 *	NA	TX	31801
184.88	2.1 *	NA	CA	31801
148.88	1.8 *	NA	ED	31801
278.7	3.4 *	NA	TX	31801
178.7	2.1 *	NA	TX	31801
188.8	1.9 *	NA	MO	31801
114.21	1.3 *	NA	KY	31801
118.2	1.3 *	NA	GA	31801
108.88	1 *	NA	LA	31801
171	2 *	NA	NC	31801
188.88	1.8 *	NA	KE	31801
181.82	1.8 *	NA	TX	31801
271	3 *	NA	PA	31801
141.81	1.4 *	NA	FL	31801
288.8	4.4 *	NA	PA	31801
147	1.4 *	NA	WA	31801
228.87	4.1 *	NA	TX	31801
141.17	1.3 *	NA	CA	31801
188.23	0.8 *	NA	ME	31801
148.21	1.8 *	NA	ME	31801
188.2	1.7 *	NA	CA	31801
187.88	0.8 *	NA	WA	31801
148.88	1.4 *	NA	ME	31801
284.87	1.5 *	NA	CA	31801
287.57	2.8 *	NA	MI	31801

86.8	0.8 *	NA	WA	21801
182.47	1.8 *	NA	L	21801
247.75	2.3 *	NA	CA	21801
32.48	0.8 *	NA	OR	21801
482.4	6.5 *	NA	TN	21801
318.88	3.8 *	NA	AZ	21801
121.88	1.1 *	NA	UT	21801
141.87	1.1 *	NA	CA	21801
82	0.5 *	NA	OK	21801
482.24	4.1 *	NA	MO	21801
112.87	1 *	NA	TX	21801
187.32	1.8 *	NA	FL	21801
133.17	1.1 *	NA	CA	21801
88.88	0.7 *	NA	NM	21801
188.71	1.4 *	NA	OR	21801
188.87	1.7 *	NA	OO	21801
280.88	2.8 *	NA	OH	21801
202.84	1.8 *	NA	HV	21801
242.17	2.3 *	NA	OO	21801
188.81	1.5 *	NA	CA	21801
188.32	0.8 *	NA	VA	21801
173.81	2 *	NA	TX	21801
328.18	3.5 *	NA	MO	21801
111.88	0.9 *	NA	TX	21801
287.84	4.3 *	NA	FL	21801
88.88	0.7 *	NA	FL	21801
378.48	4.1 *	NA	NY	21801
184.82	1.4 *	NA	CA	21801
88.88	0.7 *	NA	WI	21801
188.74	0.8 *	NA	GA	21801
218.74	1.8 *	NA	CA	21801
128.2	1.2 *	NA	MI	21801
217.81	1.8 *	NA	AB	21801
101.8	1 *	NA	FL	21801
288.17	3.8 *	NA	OK	21801
388.2	4.3 *	NA	TX	21801
184.88	1.8 *	NA	OR	21801
188.87	1.8 *	NA	NJ	21801
132.78	1.2 *	NA	TX	21801
284.84	3 *	NA	TX	21801
274.37	4.8 *	NA	AZ	21801
118.14	1 *	NA	N	21801
217.88	3 *	NA	UT	21801
121.81	1.5 *	NA	MS	21801
122.84	1.3 *	NA	GA	21801
88.74	0.7 *	NA	LA	21801
88.87	0.8 *	NA	OH	21801
181	1.7 *	NA	ME	21801
288.28	2.8 *	NA	TX	21801
128.8	1.3 *	NA	OK	21801
282.28	2.8 *	NA	OK	21801
188.2	1.8 *	NA	GA	21801
112.88	1 *	NA	TX	21801
102.87	0.8 *	NA	TX	21801
108.8	0.8 *	NA	OK	21801
284.74	3.1 *	NA	CA	21801
138.88	1.4 *	NA	AB	21801
88.88	0.5 *	NA	CO	21801
184.18	2.1 *	NA	N	21801
288.88	2.8 *	NA	F	21801
82	0.8 *	NA	OR	21801
82.8	0.8 *	NA	MO	21801

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288.01	3.8 *	NA	AR	31801
78.88	0.8 *	NA	MO	31801
148.18	1.4 *	NA	WI	31801
288.88	3.1 *	NA	TX	31801
217.74	4.2 *	NA	SC	31801
188.82	1.4 *	NA	MI	31801
288.24	4.8 *	NA	TX	31801
188.78	1.5 *	NA	CA	31801
177.88	2 *	NA	OH	31801
170.88	1.8 *	NA	TX	31801
170.88	1.8 *	NA	TX	31801
187.88	2.1 *	NA	TX	31801
227.82	4.1 *	NA	AL	31801
281.72	2.3 *	NA	SC	31801
288.41	1.8 *	NA	MI	31801
87.16	8.7 *	NA	LA	31801
218.28	4 *	NA	MI	31801
88	5.8 *	NA	OK	31801
88.84	0.8 *	NA	KS	31801
188.82	1.2 *	NA	CA	31801
282.47	2.7 *	NA	SC	31801
184	2.5 *	NA	FL	31801
282.8	2.2 *	NA	NJ	31801
112.8	0.8 *	NA	TX	31801
222.47	8.8 *	NA	TX	31801
218.88	4.1 *	NA	TX	31801
138.88	1.3 *	NA	GA	31801
784.8	1.8 *	NA	SC	31801
238.84	4.1 *	NA	TX	31801
187.41	1.2 *	NA	CA	31801
117.48	1.2 *	NA	WY	31801
181.84	1.8 *	NA	CA	31801
178.87	1.7 *	NA	AZ	31801
128.88	1.8 *	NA	TH	31801
188.88	1.8 *	NA	CO	31801
288.8	8.1 *	NA	CA	31801
88.8	0.8 *	NA	CA	31801
288.18	3.4 *	NA	TX	31801
174.8	1.4 *	NA	CA	31801
128.88	1.8 *	NA	MI	31801
88.88	0.7 *	NA	LA	31801
288.81	8.1 *	NA	TX	31801
188.8	1.7 *	NA	AR	31801
178.11	1.1 *	NA	PO	31801
284.4	2.1 *	NA	GA	31801
304.48	3.8 *	NA	TX	31801
284	2.8 *	NA	GA	31801
148.88	1.5 *	NA	MA	31801
478.8	8.8 *	NA	TX	31801
188.88	8.8 *	NA	CA	31801
188.84	1.1 *	NA	MO	31801
78.8	8.7 *	NA	UT	31801
287.88	2.8 *	NA	MA	31801
188.88	1.1 *	NA	TX	31801
288.88	2.8 *	NA	MO	31801
288.77	2.8 *	NA	GA	31801
81.88	8.8 *	NA	SD	31801
484.88	2.8 *	NA	CO	31801
188.18	1.4 *	NA	GA	31801
128.84	1.1 *	NA	UT	31801
281.88	8.8 *	NA	SC	31801
188.81	2.3 *	NA	TX	31801

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178.5	1.4 *	NA	CA	31801
234.77	2.1 *	NA	CA	31801
297.74	3.3 *	NA	AZ	31801
351.23	4.1 *	NA	BC	31801
428.74	3.7 *	NA	BC	31801
222.77	2.5 *	NA	CA	31801
128.5	0.9 *	NA	BC	31801
212.78	2.7 *	NA	OK	31801
144.2	1.4 *	NA	WA	31801
263.59	4.8 *	NA	TX	31801
178.09	1.9 *	NA	TX	31801
178.3	1.8 *	NA	CA	31801
138.04	1.1 *	NA	LA	31801
78.82	0.4 *	NA	CO	31801
143.79	1.4 *	NA	PA	31801
328.1	4.3 *	NA	FL	31801
261.87	4.4 *	NA	TX	31801
181.39	0.9 *	NA	TX	31801
181.89	1.1 *	NA	FL	31801
782.78	8.7 *	NA	TX	31801
123.88	1.1 *	NA	TX	31801
112.87	1 *	NA	TX	31801
149.17	1.8 *	NA	CH	31801
181	2 *	NA	OK	31801
183.45	2.1 *	NA	OK	31801
129.25	1.9 *	NA	MI	31801
393.08	3.9 *	NA	TX	31801
123.78	1.4 *	NA	WV	31801
127.54	1.1 *	NA	CT	31801
187.5	1.5 *	NA	SC	31801
182.85	1.3 *	NA	CA	31801
188.88	1.7 *	NA	TX	31801
181.81	1.4 *	NA	MI	31801
182.18	0.9 *	NA	CA	31801
174.88	1.9 *	NA	TX	31801
188.87	1.3 *	NA	CA	31801
212.01	2.3 *	NA	AZ	31801
182.12	0.9 *	NA	ON	31801
345.95	4.5 *	NA	CA	31801
882.84	8.7 *	NA	CA	31801
228.18	2 *	NA	CA	31801
128.7	0.8 *	NA	PA	31801
88.88	0.8 *	NA	PA	31801
82.8	0 *	NA	IL	31801
188.75	2.1 *	NA	TX	31801
134.84	1.2 *	NA	OK	31801
82.2	0.3 *	NA	OK	31801
118.78	0.9 *	NA	OK	31801
188.87	2 *	NA	SC	31801
124.87	1 *	NA	SC	31801
363.51	4.4 *	NA	CA	31801
102.27	0.7 *	NA	CA	31801
339.26	1.9 *	NA	TX	31801
188.81	1.8 *	NA	TX	31801
328.84	4.1 *	NA	TX	31801
388.32	4.1 *	NA	TX	31801
182.75	1.9 *	NA	FL	31801
328.8	3.8 *	NA	MI	31801
118.82	0.8 *	NA	TX	31801
248.81	4.1 *	NA	TX	31801
288.7	4.1 *	NA	TX	31801
382.92	4.2 *	NA	MI	31801

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288.88	3.4 *	NA	FL	31801
188.18	1.8 *	NA	TX	31801
88.04	0.8 *	NA	AR	31801
148.21	1.3 *	NA	MO	31801
188.88	1.8 *	NA	GA	31801
284.41	4.1 *	NA	NE	31801
88.08	0.8 *	NA	NE	31801
217.88	1.8 *	NA	OK	31801
188.48	1.8 *	NA	TX	31801
181.48	1.3 *	NA	WV	31801
118.88	0.8 *	NA	TX	31801
88.4	1.7 *	NA	OR	31801
88.8	0.1 *	NA	NM	31801
80.8	0.7 *	NA	GA	31801
104.11	0.8 *	NA	TX	31801
88	1.8 *	NA	NC	31801
88.8	0.7 *	NA	TX	31801
188.88	2.3 *	NA	TX	31801
88.7	4.1 *	NA	TX	31801
104.01	0.8 *	NA	WV	31801
188.88	1.8 *	NA	TX	31801
204.07	2.3 *	NA	CA	31801
88	1.7 *	NA	CA	31801
188.07	1.8 *	NA	FL	31801
248.18	2.8 *	NA	MI	31801
184.14	1.7 *	NA	GA	31801
188.82	1 *	NA	AR	31801
178.88	2 *	NA	TX	31801
88.87	0.8 *	NA	NC	31801
114.07	1 *	NA	AL	31801
121	1 *	NA	TX	31801
114.41	1.1 *	NA	TX	31801
188.78	1.1 *	NA	TX	31801
188.78	1.8 *	NA	FL	31801
188.88	1.8 *	NA	TX	31801
188.8	0.8 *	NA	OK	31801
88.82	0.8 *	NA	TX	31801
188.07	1.8 *	NA	KY	31801
120.18	0.8 *	NA	CA	31801
188.28	1 *	NA	MS	31801
121.88	1 *	NA	CO	31801
187.8	1.8 *	NA	AB	31801
211.8	2.8 *	NA	MI	31801
204	2.1 *	NA	CO	31801
247.8	2.8 *	NA	TX	31801
114.14	0.8 *	NA	WV	31801
418.8	8.7 *	NA	AR	31801
201.88	1.8 *	NA	SC	31801
287.1	4.3 *	NA	TX	31801
282.88	4.1 *	NA	NE	31801
287	3.2 *	NA	MO	31801
188.88	1.8 *	NA	MS	31801
88.48	0.8 *	NA	TX	31801
381.4	4.2 *	NA	TX	31801
188.77	1.8 *	NA	IL	31801
817	4 *	NA	TX	31801
288.87	4.1 *	NA	TX	31801
188.88	1.7 *	NA	TX	31801
244.78	3.8 *	NA	OK	31801
78.88	0.8 *	NA	IA	31801
188.88	1.4 *	NA	LA	31801
288.27	4.8 *	NA	TX	31801

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37.84	0.9 *	NA	WY	31801
189.87	1.9 *	NA	WA	31801
121.7	1 *	NA	W	31801
178	1.5 *	NA	TX	31801
123.91	1.7 *	NA	AL	31801
103.89	1.8 *	NA	CO	31801
354.14	1.9 *	NA	MO	31801
116.89	0.9 *	NA	VA	31801
85.3	0.9 *	NA	WI	31801
88.89	0.9 *	NA	TX	31801
372.89	2.8 *	NA	BO	31801
447.1	4.1 *	NA	MO	31801
101.31	0.9 *	NA	TX	31801
102.74	0.9 *	NA	AZ	31801
104.71	1 *	NA	KY	31801
188.88	1.1 *	NA	CA	31801
98.88	1 *	NA	LA	31801
131.84	1.9 *	NA	WA	31801
314	3 *	NA	MI	31801
189.82	1.9 *	NA	NY	31801
322.88	4.2 *	NA	OH	31801
374.79	4.1 *	NA	CA	31801
182.48	2 *	NA	MS	31801
144.8	1.9 *	NA	OK	31801
127.8	1.2 *	NA	OR	31801
134.79	1.9 *	NA	CA	31801
344.2	4.1 *	NA	TX	31801
122.39	1.9 *	NA	NC	31801
218.79	4.1 *	NA	TX	31801
234.84	2.8 *	NA	TX	31801
117.1	1 *	NA	ME	31801
148.44	1.9 *	NA	VA	31801
178.18	1.9 *	NA	OK	31801
188	1.1 *	NA	MI	31801
118.88	1 *	NA	TX	31801
198.2	2.3 *	NA	TX	31801
188.88	3 *	NA	FL	31801
217.88	4.1 *	NA	FL	31801
400.84	4.4 *	NA	OR	31801
322.8	4.2 *	NA	TN	31801
402.8	3.8 *	NA	CA	31801
148.8	1.3 *	NA	CA	31801
494.38	4.3 *	NA	CA	31801
187.88	0.9 *	NA	OR	31801
141.4	1.4 *	NA	CT	31801
288.88	2.8 *	NA	CA	31801
177.88	1.8 *	NA	MI	31801
88.42	0.8 *	NA	MI	31801
148.82	1.4 *	NA	OK	31801
110.11	1.1 *	NA	MI	31801
88.82	0.8 *	NA	FL	31801
104	1 *	NA	AR	31801
284.24	2.1 *	NA	AR	31801
381.88	2.7 *	NA	MO	31801
874.2	2.8 *	NA	CA	31801
388.48	3.4 *	NA	BO	31801
78.8	0.3 *	NA	MO	31801
188.31	1.8 *	NA	MI	31801
181.88	1.7 *	NA	MI	31801
182.84	1.9 *	NA	TX	31801
171.4	1.7 *	NA	TX	31801
188.82	1.1 *	NA	AR	31801

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140.75	1.8 *	NA	NH	31801
144.75	1.2 *	NA	TX	31801
202.05	1.4 *	NA	ON	31801
305.45	3.5 *	NA	CO	31801
124.45	1.4 *	NA	NC	31801
103.81	0.9 *	NA	MO	31801
142.72	1.1 *	NA	CA	31801
103.89	0.7 *	NA	CA	31801
201.15	3.3 *	NA	TX	31801
182.25	1.5 *	NA	TX	31801
142.82	1.5 *	NA	IN	31801
128.82	1.2 *	NA	TX	31801
128.75	1.2 *	NA	CA	31801
178.25	1.2 *	NA	AZ	31801
105.15	0.9 *	NA	ON	31801
175.88	1.4 *	NA	TX	31801
205.84	2.1 *	NA	SD	31801
121	1.8 *	NA	LA	31801
124.4	1.4 *	NA	PA	31801
115.84	0.5 *	NA	MI	31801
115.28	1 *	NA	SD	31801
87.88	0.7 *	NA	TX	31801
105	0.9 *	NA	AL	31801
202.18	2.3 *	NA	TX	31801
88.7	0.9 *	NA	VA	31801
115.8	1.2 *	NA	NO	31801
182.88	2.1 *	NA	WA	31801
118.88	1.1 *	NA	CO	31801
191.88	2 *	NA	NV	31801
115.3	0.9 *	NA	CA	31801
540.75	8.3 *	NA	TX	31801
283.3	2.3 *	NA	AL	31801
120	1 *	NA	FL	31801
211.5	2.8 *	NA	NC	31801
243	4.5 *	NA	TX	31801
272.74	3.3 *	NA	CA	31801
180.5	1.9 *	NA	UT	31801
175.82	1.5 *	NA	UT	31801
120.9	0.9 *	NA	IL	31801
141.81	1.4 *	NA	FL	31801
203	3 *	NA	WI	31801
94.25	0.4 *	NA	LA	31801
203.21	2.5 *	NA	CA	31801
222.77	3.1 *	NA	NH	31801
127	1.2 *	NA	TX	31801
102.15	0.6 *	NA	SD	31801
248	4.2 *	NA	GA	31801
123.87	1.4 *	NA	MS	31801
182.4	1.4 *	NA	MI	31801
207.17	4.1 *	NA	TX	31801
248.8	4.4 *	NA	TX	31801
148.88	1 *	NA	CA	31801
142.8	1.5 *	NA	NC	31801
188.82	2 *	NA	IN	31801
202.2	4.1 *	NA	TX	31801
222.91	2.4 *	NA	UT	31801
88	0.5 *	NA	GA	31801
127.88	1.1 *	NA	MI	31801
245.88	4.5 *	NA	TX	31801
185.72	2 *	NA	WI	31801
142	1.8 *	NA	GA	31801
189.87	1.2 *	NA	TX	31801

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188.22	2.8 *	NA	CA	31801
187.73	3 *	NA	PA	31801
186.83	1 *	NA	LA	31801
480.8	8 *	NA	CA	31801
108.8	0.8 *	NA	TX	31801
388.84	2.4 *	NA	CA	31801
421.80	4.4 *	NA	MO	31801
188.88	1.4 *	NA	MO	31801
127	1.2 *	NA	AL	31801
388.48	2.1 *	NA	TX	31801
188.78	1.4 *	NA	CA	31801
311.88	1.8 *	NA	CA	31801
381.87	4.4 *	NA	TX	31801
388.88	2.1 *	NA	MI	31801
387.88	2.8 *	NA	OK	31801
188.88	1.3 *	NA	IL	31801
144.88	1 *	NA	CA	31801
348.88	4 *	NA	MO	31801
188.88	2.2 *	NA	MS	31801
388.88	4 *	NA	AL	31801
184	1.2 *	NA	CA	31801
188.88	2.8 *	NA	MO	31801
180.4	1.8 *	NA	TN	31801
182.88	0.8 *	NA	MI	31801
388.88	1.2 *	NA	MO	31801
182.88	0.8 *	NA	MO	31801
188.88	1.2 *	NA	MS	31801
318.77	2.8 *	NA	FL	31801
124.88	1.2 *	NA	MO	31801
122.28	1.1 *	NA	TX	31801
187.74	0.8 *	NA	TX	31801
382.88	2 *	NA	FL	31801
188	0.8 *	NA	TX	31801
188.88	1.2 *	NA	MO	31801
384.74	2.1 *	NA	CA	31801
388.4	4.4 *	NA	TN	31801
181.88	1.8 *	NA	MI	31801
140	1.4 *	NA	CA	31801
388.88	2.2 *	NA	UT	31801
141.88	0.8 *	NA	CA	31801
121.87	1 *	NA	MO	31801
178.84	3 *	NA	TX	31801
387.88	2.2 *	NA	CA	31801
381.88	4 *	NA	MI	31801
388.27	2.7 *	NA	GA	31801
272.88	2.1 *	NA	CA	31801
181.88	1.1 *	NA	OR	31801
171.17	1.7 *	NA	CA	31801
188.18	1.2 *	NA	AR	31801
182.88	1.4 *	NA	CA	31801
387.87	4.1 *	NA	TX	31801
88.84	0.2 *	NA	NY	31801
388.4	2.4 *	NA	MI	31801
182.14	2 *	NA	WY	31801
124.88	1.4 *	NA	MI	31801
388.8	4 *	NA	TX	31801
182.84	2 *	NA	AL	31801
104	1.1 *	NA	MO	31801
381.88	2.7 *	NA	MI	31801
388.88	2.8 *	NA	CO	31801
118.8	0.8 *	NA	TX	31801
3180.88	4.2 *	NA	PO	31801

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186.83	1.7 *	NA	TX	21001
103.8	0.5 *	NA	TX	21001
182.83	1.4 *	NA	CO	21001
83.51	0.8 *	NA	VA	21001
187.5	0.8 *	NA	CO	21001
348.79	4.1 *	NA	NV	21001
700.34	1.2 *	NA	CA	21001
71.72	0.5 *	NA	IA	21001
344.78	4.8 *	NA	TX	21001
322.86	4.5 *	NA	TX	21001
182.45	1.8 *	NA	TX	21001
305.85	5.5 *	NA	TX	21001
148.57	1.4 *	NA	CO	21001
109.43	2 *	NA	TX	21001
888.34	4.5 *	NA	TX	21001
105.8	1 *	NA	NM	21001
340.15	2.5 *	NA	TX	21001
341.32	3.4 *	NA	LA	21001
112	0.9 *	NA	TX	21001
220.87	2.9 *	NA	TX	21001
282.79	1.5 *	NA	KY	21001
292.85	2.2 *	NA	CA	21001
148.82	1.8 *	NA	MN	21001
148.86	1 *	NA	CA	21001
512.82	4.2 *	NA	TX	21001
388.41	2.2 *	NA	CA	21001
178.8	1.5 *	NA	MN	21001
207.25	0 *	NA	NE	21001
111.34	1 *	NA	NC	21001
188.7	1.8 *	NA	NY	21001
181.87	1.9 *	NA	TX	21001
317	4 *	NA	TX	21001
128.27	1.5 *	NA	ID	21001
304.8	3.7 *	NA	TX	21001
888.12	4.2 *	NA	MO	21001
148.82	1.8 *	NA	IL	21001
321.84	4.7 *	NA	AL	21001
321.4	2 *	NA	IL	21001
111.79	1.1 *	NA	TX	21001
83.73	0.5 *	NA	WV	21001
387.43	3.5 *	NA	CA	21001
171.34	2 *	NA	NH	21001
278.82	4.1 *	NA	MO	21001
148.48	1.8 *	NA	NC	21001
118.88	1 *	NA	TX	21001
378.82	4.8 *	NA	TX	21001
182.48	1.8 *	NA	GA	21001
384.85	4.5 *	NA	TX	21001
388.84	4.8 *	NA	OK	21001
118.88	1.2 *	NA	IN	21001
83.38	0.7 *	NA	LA	21001
384.87	4.4 *	NA	TX	21001
187.8	1.5 *	NA	CA	21001
108.48	0.5 *	NA	TX	21001
308.84	2.5 *	NA	UT	21001
104.87	0.5 *	NA	WA	21001
102.88	1 *	NA	SC	21001
207.88	2.1 *	NA	CO	21001
138.72	1.3 *	NA	MS	21001
282	2.8 *	NA	TX	21001
231.87	4.8 *	NA	TX	21001
188.8	0.8 *	NA	OK	21001

142.6	1.7 *	NA	NC	31801
302.04	2.5 *	NA	CA	31801
101.76	5.5 *	NA	NJ	31801
138.80	1.2 *	NA	CA	31801
138.48	1.5 *	NA	OR	31801
398.72	2.9 *	NA	MD	31801
112	0.9 *	NA	TX	31804
100.8	0.9 *	NA	NC	31801
482.2	2.9 *	NA	TX	31801
328.94	4.1 *	NA	TX	31801
184.3	1.5 *	NA	TX	31801
114.13	1.3 *	NA	LA	31801
308.31	4.1 *	NA	MI	31801
114.3	1 *	NA	MO	31801
308.00	3.5 *	NA	CA	31801
314.80	2.5 *	NA	CA	31801
109.72	1.2 *	NA	SC	31801
81.84	0.9 *	NA	MO	31801
182.82	2.5 *	NA	TN	31801
105.98	2 *	NA	KY	31801
188.4	1.9 *	NA	TX	31801
841.51	3.8 *	NA	CA	31801
178.86	1.1 *	NA	AR	31801
77.32	0.5 *	NA	KY	31801
178.98	2 *	NA	TN	31801
138.64	1.9 *	NA	FL	31801
182.81	0.9 *	NA	AR	31801
87.88	0.9 *	NA	AL	31801
138.90	1.5 *	NA	FL	31801
637.18	7.8 *	NA	WA	31804
448.72	8.2 *	NA	FL	31801
118.80	1 *	NA	LA	31801
187.82	1.2 *	NA	MI	31801
291.7	0.6 *	NA	NC	31801
184.80	1.1 *	NA	MO	31801
308.2	4.1 *	NA	TX	31801
208.62	2.4 *	NA	TX	31801
118.08	1.5 *	NA	MO	31801
145.98	1.2 *	NA	IL	31801
81.86	0.5 *	NA	WY	31801
178.47	1.5 *	NA	WA	31801
180.3	3.5 *	NA	TX	31801
182.97	1.5 *	NA	NC	31801
178.80	1.5 *	NA	TX	31801
286.18	3.5 *	NA	NY	31801
182.80	1.5 *	NA	WA	31801
810	3.5 *	NA	GA	31801
286.8	3.7 *	NA	TX	31804
294.27	3.5 *	NA	TX	31801
313.00	3.5 *	NA	FL	31801
112.2	0.8 *	NA	CA	31804
188.80	1.7 *	NA	TX	31801
272.74	3.1 *	NA	MI	31801
81.80	0.3 *	NA	LA	31801
84.82	0.5 *	NA	CO	31801
187.87	1.7 *	NA	FL	31804
178.21	2 *	NA	MI	31804
181.14	1.7 *	NA	AZ	31801
102.04	0.8 *	NA	NC	31801
884.78	4.8 *	NA	CO	31801
108.48	1 *	NA	TX	31801
891.88	4.1 *	NA	TN	31801

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88.22	0.8 *	NA	KY	31801
88	0.6 *	NA	GA	31801
132.78	1.2 *	NA	TX	31801
948	1.8 *	NA	KY	31801
170.38	1.7 *	NA	OR	31801
136.8	1.1 *	NA	CA	31801
148.8	1.3 *	NA	CO	31801
304.31	3.8 *	NA	MO	31801
127.1	1.1 *	NA	TX	31801
328.88	3.8 *	NA	CA	31801
318.81	3.8 *	NA	UT	31801
148.81	1.8 *	NA	IN	31801
188	1.4 *	NA	CO	31801
101.8	1 *	NA	MO	31801
183.88	1.8 *	NA	TX	31807
191.88	1.1 *	NA	BA	31801
104.88	0.8 *	NA	MT	31801
108.28	1.8 *	NA	CA	31801
134.11	1.1 *	NA	TX	31801
178.88	1.7 *	NA	CA	31801
303.17	2.4 *	NA	CA	31801
172.81	1.7 *	NA	CA	31801
191.88	1 *	NA	VA	31801
185.58	1.4 *	NA	OR	31801
88.27	0.7 *	NA	OR	31801
130.77	1.8 *	NA	TX	31801
238.82	2.8 *	NA	TX	31801
388.33	4.1 *	NA	WA	31801
108.4	1 *	NA	CT	31801
314.88	3.8 *	NA	MB	31801
281.88	3.8 *	NA	TX	31801
88.8	0.8 *	NA	UT	31801
881.88	2.4 *	NA	FL	31801
118.8	0.9 *	NA	MI	31801
181.34	0.9 *	NA	FL	31801
888	4.8 *	NA	WY	31801
87.88	0.8 *	NA	NC	31801
187.88	2.1 *	NA	CA	31801
188.8	1.7 *	NA	AR	31801
233.73	2.4 *	NA	MI	31801
188.18	2 *	NA	TX	31801
187.88	1.7 *	NA	CA	31801
188.88	1.8 *	NA	CA	31801
188	1 *	NA	OK	31801
138.88	1.8 *	NA	WA	31801
88.84	0.8 *	NA	IN	31801
188.73	1.7 *	NA	TX	31801
210.82	2.3 *	NA	MI	31801
223.88	4.8 *	NA	MI	31801
108.8	0.8 *	NA	GA	31801
183	1.8 *	NA	TX	31801
88.34	0.8 *	NA	WY	31801
188.88	1.8 *	NA	ID	31801
228.38	2.8 *	NA	WA	31801
388.34	4.8 *	NA	TX	31801
184.8	1 *	NA	NY	31801
134.78	1.7 *	NA	GA	31801
148.8	1.8 *	NA	IL	31801
143	1.8 *	NA	TX	31801
88.27	0.8 *	NA	CO	31801
388.88	4 *	NA	UT	31801
128.48	1.1 *	NA	CO	31801

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108.7	0.6 *	NA	TX	91801
340.1	3.8 *	NA	AL	91801
891.79	2.6 *	NA	MO	91801
125.89	1 *	NA	OR	91801
129.89	1.2 *	NA	KY	91801
702.54	1.8 *	NA	MS	91801
267.89	2.8 *	NA	GA	91801
128.79	1.8 *	NA	ND	91801
310.0	2.6 *	NA	CO	91801
88.89	0.9 *	NA	KY	91801
110.39	0.9 *	NA	CA	91801
178.89	2 *	NA	TX	91801
128.98	1.2 *	NA	TX	91801
705.97	3 *	NA	WV	91801
148.89	1.8 *	NA	NC	91801
88.79	0.7 *	NA	ND	91801
299.89	2.5 *	NA	LA	91801
118.99	1 *	NA	DE	91801
98.89	0.8 *	NA	NY	91801
268.84	3.5 *	NA	OR	91801
188.99	1.8 *	NA	OH	91801
117.39	1.3 *	NA	SC	91801
112	0.9 *	NA	TX	91801
894.79	3.5 *	NA	TX	91801
174.89	1.8 *	NA	FL	91801
180.39	1.8 *	NA	CA	91801
189.79	1.8 *	NA	CT	91801
378.3	2.8 *	NA	IL	91801
298.08	2.8 *	NA	TX	91801
148.79	1.8 *	NA	MD	91801
702.89	0.9 *	NA	DA	91801
172.98	1.8 *	NA	VA	91801
82.78	0.8 *	NA	WA	91801
148.2	1.4 *	NA	AZ	91801
188.79	1.8 *	NA	CA	91801
264.19	4.3 *	NA	MI	91801
204.89	4.1 *	NA	SC	91801
127.02	1.3 *	NA	AL	91801
189.89	0.9 *	NA	AB	91801
118.87	1.4 *	NA	AL	91801
282.84	4.1 *	NA	TX	91801
184.8	1.8 *	NA	GA	91801
288	3.8 *	NA	AR	91801
278.89	2.8 *	NA	GA	91801
188.8	1.8 *	NA	NC	91801
148.8	0.9 *	NA	CA	91801
82.89	0.8 *	NA	MO	91801
140.79	1.4 *	NA	TX	91801
107.38	0.8 *	NA	IL	91801
180.89	1.2 *	NA	TX	91801
281.89	2.1 *	NA	OK	91801
388.1	4.3 *	NA	TX	91801
148.82	1.8 *	NA	MT	91801
185.1	1.8 *	NA	AZ	91801
188.89	2.4 *	NA	TX	91801
281.84	2.8 *	NA	OH	91801
388.87	1.8 *	NA	WV	91801
128.89	1.8 *	NA	FL	91801
118.89	1 *	NA	MS	91801
184.88	1.7 *	NA	NE	91801
118.89	0.9 *	NA	MI	91801
374.79	4.8 *	NA	NY	91801

288.62	2.6 *	NA	CA	31801
188.97	2.3 *	NA	NE	31801
310.88	2.8 *	NA	CO	31801
388.1	2.5 *	NA	TX	31801
113.88	8.9 *	NA	CO	31801
113.88	0.9 *	NA	CO	31801
282.18	1.2 *	NA	OR	31801
182.82	2 *	NA	CO	31801
22.61	0.4 *	NA	NE	31801
224.88	1.3 *	NA	SC	31801
1024.88	18.2 *	NA	AL	31801
182.82	2 *	NA	OR	31801
182.72	1.7 *	NA	TX	31801
142.8	1.3 *	NA	GA	31801
142.88	1.2 *	NA	MI	31801
282.8	1.5 *	NA	MI	31801
381.4	4.2 *	NA	SD	31801
122.8	0.8 *	NA	L	31801
112	1 *	NA	TX	31801
137.81	1.3 *	NA	FL	31801
108.88	1.2 *	NA	TX	31801
342.71	4.1 *	NA	CO	31801
122.88	1 *	NA	CO	31801
144.18	1.4 *	NA	TX	31801
312.88	4 *	NA	AL	31801
282.2	2.8 *	NA	NC	31801
182.87	1.9 *	NA	OK	31801
22.88	0.3 *	NA	AR	31801
82.84	0.8 *	NA	TX	31801
241	2.2 *	NA	FL	31801
142.8	1.7 *	NA	SD	31801
127.8	1.2 *	NA	TN	31801
178.87	1.7 *	NA	MI	31801

Time 7:21

CHECKED FOR NO THROTTLE RESPONSE FOUND CODE P0220 AP SENSOR BAD. REMOVE REPLACE A P SENSOR  
DIAG FOR THROTTLE STOP FOUND CODE P0221 FOR AP S/C CIRCUIT STOP PINPOINT TEST FOR FUEL, REPLACE AP SENSOR  
ENGINE PERFORMANCE TEST FOUND CODE P0221 PINPOINT TEST FOR FEA REPLACED AP PEDAL THIRD TIME AP PEDAL HAS FAILED.  
ENGINE PERFORMANCE TEST 1 14 FOUND CODE P0220 P0221 PINPOINT TEST FOR FEA REMOVE REPLACE A P PEDAL  
DIAG PER SHEET ATTACHED NO MONITOR AND RECORD ITS DOES NOT CHANGE UNTIL 1.84 ON AP SENSOR. OKED HARNESS OK REPLACED POWER ADJUST ACCEL PEDAL ASSY RETEST OK  
FAULTY ACCELERATOR PEDAL. DIESEL DIAGNOSIS STEPS 1 14 AND REPLACED ACCELERATOR PEDAL.  
NO TEST NOISE PASS MEM P0221 MONITOR AND RECORD ITS CHANGES FROM ON TO OFF ON ROAD AND DROPS TO IDLE OKED HARNESS AND CONNECTORS OK. REPLACED ACCEL PEDAL ASSY RETEST DCL  
NOISE PASS MONITOR P0221 FOUND ACCEL PEDAL SENSOR OUT OF RANGE REPLACED ACCEL PEDAL AND SENSOR ASSY TEST DRIVE MONITOR P0221 MONITOR P0221 MEM PASS NOISE PASS  
AP SWITCH PASS DIAGNOSIS 1 14 REPLACED AP SWITCH  
ENGINE PERFORMANCE DIAG 1 14 PID DATA MONITOR 1 INSTALLED BREAK OUT BOX PINPOINT TEST REPLACED A COILATOR PEDAL ASSY RETESTED AND ROAD TESTED ALL OK  
AP SPEED ACCELERATOR PEDAL. SPR MADIES RUN DIAG STEPS 1 14 REPLACE ACCELERATOR PEDAL  
PERFORMANCE DIAG 1 14 DTC P0221 PINPOINT TEST P ID DATA MONITOR REPLACED PCM RETEST DTC P0221 INSTALLED KNOWN GOOD PEDAL ASSY OK REPLACED PED AL ASSY CLEARED CODES ROAD TEST  
NO TEST VERIFIED COMPLAINT EEC TEST CODE P0221 FOR IDLE VALIDATION SWITCH CHECKED CONNECTIONS TO AP SWITCH ON PEDAL OK. RD TEST AND MONITOR P0221 FOUND NO VOLTAGE FROM AP SW  
ENGINE PERFORMANCE DIAG 1 14 CALLED NOTUNE RE PECTED AND TAPE WIRES AT SHOCK TOWER DISCONNECT AFTERMARKET EQUALIZER BREAK REPLACED PEDAL ASSY RETESTED AND ROAD TESTED TX  
VERIFIED COMPLAINT EEC TEST CODE P0221 MONITOR P0221 FOUND INTERMITTENT LOSS OF AP SIGNAL. REPLACED PEDAL ASSY. RD TEST AND MONITOR OK. RETEST NO CODES  
DIAG EEC CHECK SYSTEM NO CODES MONITOR P0221 FOUND AP SIGNAL INTERMITTENT FOUND PEDAL ASSY FAILED. ORDER PARTS REMOVE AND REPLACE PEDAL ASSY RECHECK OK.  
1380 OK FOR LACK OF ACCELERATION INSPECT ROAD TEST TO VERIFY CONCERN NO PEDAL RESPONSE PERFORMED CODE P0122 PERFORMED PINPOINT TESTS. RAR ACCELERATOR PEDAL ASSEMBLY W ADJ  
EEC TEST PIN POINT TEST RAR TP SENSOR  
CONCERN VERIFIED. CUSTOM STATED THAT RPM WOULD NOT GO ABOVE IDLE AND CK ENGINE LIGHT CAME ON. HOOK UP NOISE AND RUN EEC V QUICK TESTS P0122 IN MEMORY IS CIRCUIT LOW INPUT. RUN PINP  
CONCERN VERIFIED. CUSTOM STATED THAT RPM WOULDNT GO ABOVE IDLE & CK ENGINE LIGHT CAME ON. RUN QUICK TESTS. RUN PINPOINT TEST. REPLACE ACCEL. PEDAL ASSY. AS PER PINPOINT TEST. TEST DRIVE  
EEC TEST PIN POINT TEST RAR TP SENSOR  
VERIFIED CUSTOMER COMPLAINT W/O HOOK AND EEC TEST CODE P0220 REFERENCED TO FORD MANUAL PERFORMED PINPOINT TESTS FOR P0220 DIAGNOSIS POINTS TO ACCELERATOR ASSY. REMOVE  
3 1/2 ACCEL PEDAL. (SEE PARTS BOOK) SEE BOSSY IN PARTS  
REPLACE ACCEL PEDAL ASSY AND RETEST SYSTEM PASSED ROAD TEST VEHICLE RUNNING PROPERLY. MTIME ASK OF .5 TO RUN PIN POINT TEST MAY 5  
HEBITATES AND WONT ACCELERATE RPL ACCELERATOR PEDAL ASSY  
E27S ENGINE INTERMITTENT STAYS AT IDLE PERFORMANCE DIAG CHECKED ENGINE FUEL, OIL LEVEL AND INTAKE RESTRICTION ALL OK. NOISE ON DEMAND TEST PASS RETRIEVE CODES P0221 INSPECTOR TEST  
EEC TEST CODE P0221 MONITOR P0221 ON NO TEST AP SENSOR HAS NO VOLTAGE PERFORMED PINPOINT TEST FOR P0221 PINPOINT TEST. REPLACED PEDAL AND RD TEST OK RETEST SYSTEM PASS

DIAG EEC CHECK SYSTEM FOUND CODE P0222 A TP CODE ROAD TEST WITH NOISE TO MONITOR P0221 TP PID RAR PID AS NOT OPERATING PROPERLY REMOVE AND REPLACE PEDAL ASSY RECHECK OK.  
TESTED AND TRACED TO BAD PEDAL SENSOR AND REPLACED AND RETESTED TO CORRECT  
GAS PEDAL ASSEMBLY STOP HARD START NO START DIAGNOSTICS 7.3L DI TURBO ENGINE D  
NOISE SCAN MONITOR P0221 REPLACED PEDAL ASSY 1  
1 1488 TEST CODE P0221 THROTTLE OUT OF RANGE PINPOINT TEST CC 19 REPLACE PEDAL ASSY RETEST OK. MTIME LIBED FOR LACK OF LABOR OP.  
RAN DRIVABILITY DIAGNOSTICS AND RETRIEVED CODES P0122 OTHER P0221 AND P1747. MADE ALL PIN POINT TESTS AND FOUND THROTTLE PEDAL TO BE FAULTY. REPLACED PEDAL AND RETEST ALL  
OPEN CIRCUIT EEC (CLICK TEST) DIAGNOSIS  
D08 STEPS 42 ROAD TEST VEH VERIFIED CONCERN PERFORM DIESEL ENG. PERFORM DIA EEC TEST SYSTEM. CODE P0221 TP SENSOR RANGE PERF.  
OUT PINS INSPECT WIRING AT C198 FOUND WIRING RUBBING ON SHOCK TOWER CIRCUIT 388 SET REPAIR WIRING 2 INSTALL CONVOLUTE TUBING AND REROUTE HARNESS ROAD TEST VERIFY REPAIR  
ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
E022 DIAG HIBITATION RUN ALL TESTS OK MONITOR P0221 FOUND TP SENSOR TO HAVE INTERMITTENT OPEN REPLACE SENSOR & PEDAL AS TEST OK \*\*\*\*\* 800P .1 P1 .1 P2 .1 P3 .1 P4 .1 P5 .1 P6 .1 P7 .1 P8 .1 P9 .1 P10  
TESTED COULDN'T VERIFY BUT REPLACED THROTTLE PEDAL ASSY  
CHECK EEC SYSTEM CHECK OPERATION OF THROTTLE PEDAL ASSY REPLACED ACCEL PEDAL ASSY ADJUST & RETEST (42)  
NOISE TEST PINPOINT TESTS FOUND OPEN IN AP SENSOR RAR SENSOR R  
3108 INSPECTED AND TESTED VEHICLE FOR HAVING A HIBITATION. RAN PERFORMANCE TESTS. PINPOINT TESTING RESULTED IN FINDING THE THROTTLE POSITION SENSOR INTERMITTENTLY OUT OF RANGE  
CURT STATES ACCELERATOR BROKE LOOSE WENT TO FLOOR WENT TO DRIVE HOME GAS PEDAL WENT TO FLOOR AND RPM WENT UP. INSPECTED ACCELERATOR PEDAL AND FOUND POSITION SENSOR BR  
1 INSPECTED VEHICLE AND REPLACED THROTTLE PEDAL ASSEMBLY  
PERFORM EEC DIAGNOSIS REPLACE ACCEL PEDAL ASSY AND REPAIR WIRING AT LEFT FRONT HENDER C198. ACCEL PEDAL BIAS AND LOOSE  
181 PER CUSTOMER CONCERN THROTTLE ASSY IS BROKE AGAIN. CUSTOMER CAME TO PICK UP VEHICLE AND APP SENSOR BROKE OFF ACCELERATOR PEDAL ASSY AS HE WENT TO PULL OUT VEHICLE. P A  
RENTAL FOR WARRANTY WORK DONE LINE A 1 DAY  
84654 CHECKED FOR NO POWER EEC TEST CODE P0221 PINPOINT TEST REPLACED ACCELERATOR PEDAL ASSEMBLY RETEST  
DIAG FOR NO THROTTLE RESPONSE INTERMITTENTLY. PERP DIESEL ENG PERP DIAG THROTTLE PEDAL AT FAULT. RAR FAULTY THROTTLE PEDAL ASSY. TEST PASS. CLAIMING MT TIME AS THERE IS NO SLTS PUBLH  
16077 INSPECTED AND TESTED VEHICLE FOR THE ENGINE HIBITATING UNDER ACCELERATION. RAN PERFORMANCE TESTS TO DIAGNOSE. PINPOINT TESTING RESULTED IN FINDING THE THROTTLE POSITION S  
RAN PERFORMANCE SHEET ALL PASS CODES CHECKED PID FOUND IDLE VALIDATION SWITCH INTERMITTENTLY NOT TURNING ON NO CODE SET REPLACED I/S PER PINPOINT TESTS RECHECKED NOW WORKS  
18844 TEST DRIVE HOOKED UP NOISE & RAN NOISE & NOISE TESTS P0221 RAN PINPOINT TEST & REPLACED AP SENSOR CLEARED CODES & RAN STBT & TEST DRIVE FOR QUALITY 14888  
GAS PEDAL ASSEMBLY STOP HARD START NO START DIAGNOSTICS 7.3L DI TURBO ENGINE D  
RAN EEC TEST AND RETRIEVED CODES P0122 AND P0221 MADE PIN POINT TEST AND FOUND THROTTLE PEDAL ASSEMBLY TO BE FAULTY REPLACED ASSEMBLY AND RETEST ALL OK. SERVICE INSTALL PARTS  
REPLACED THROTTLE PEDAL  
M TIME TO PERFORM PINPOINT TESTS CC19 AND CC19 FOUND ACCELERATOR PEDAL NOT OPERATING PROPERLY ORDER CUSTOMER CHOSE TO PULL VEHICLE OUT OF SERVICE  
11284 REPLACE ACCEL PEDAL \*\*\*\*\* 2488P A 5270 \*\*\*\*\*  
ROAD TEST EEC TEST P0221 P0220 PINPOINT TESTS REPLACE AP SENSOR PEDAL ASSY. & IAT SENSOR MTIME NO SLTS RETEST EEC PASS P1111

PE83-844 28123



DIAGNOSE EBC SYSTEM RETEST PIN POINT TEST DIAGNOSE KNOTION REMOVE AND REPLACE PEDAL AND SENSOR ASSEMBLY

ESC (QUICK TEST) DIAGNOSIS  
25188 TEST/DRIVE RAN ESC TEST NO CODES IN SYSTEM RETEST/DRIVE HOOKED UP RECORDER & MADE RECORDINGS FOR INTERMITTANT CONCERN IDLE VALIDATION SWITCH ACTIVATING AT 3.4 THROTTLE  
PEDAL HAS INTERNAL FAILURE DIAG AND REPLACED PEDAL  
ACCEL PEDAL ERRATIC ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
OK FOR INTERMITTANT NO THROTTLE RESPONSE/DONE EBC TEST & ALL PARS DONE PERHAPS PER SYMPTOM CHART/AD TEST & MONITOR PIDS POUND PEDAL INTERMIT NOT WORKING/OK PARS ON CONNECTOR PASS./  
PERFORM DIESEL DTC 0321 REPLACED PEDAL ASSEMBLY  
M0 14481 7.3L DI 4N140 CC 26 CASUAL PART 6P28 FOR AP ASSY VERIFY CUST CONCERN PERF DIESEL PERFORMANCE DIAG TEST 1 THRU 6 PAS ALL OK AND NO CODES TEST 9 PAS P0221 FOR ACCEL PEDAL  
M0 14485 7.3L DI 4N130 CC 26 CASUAL PART 6P28 FOR AP ASSY REPAIR SPV. VERIFY CUST CONCERN DIESEL PERFORMANCE DIAG SHEET TEST 1 THRU 6 OK TEST 9 PAS P0228 AND P0221 FOR AP FALL TS. P  
DIAGNOSE EBC SYSTEM RETEST PIN POINT TEST DIAGNOSE KNOTION REPLACE PEAR ASSEMBLY AND SENSOR REF TO RD 9 888P8 08 03 02 ACCRUED MILES 3000  
33576 ENGINE ONLY IDLES AT TIMES PERFORMANCE DIAG CHECKED ENGINE FUEL OIL LEVEL AND INTAKE RESTRICTION ALL OK KODC REMAND TEST PASS RETRIEVE CODES P0123 INJECTOR TEST PASS PIN T

REPLACED ADJ PEDAL CUBARED CODES TESTED OK (42)

DIAG AND REPLACED FUEL PEDAL ASSY

RAN DIAG FOUND LOSS OF TP SIGNAL

VERIFY PINPOINT TEST INTERMITTANT OPEN IN PEDAL SWITCH REPLACE PEDAL ASSY

ACCELERATOR PEDAL INOP ENGINE DIAG TESTS REPLACED ACCELERATOR PEDAL

1 PERFORM DIESEL DIAG 1 14 FOUND HARD FAULT P0221 STORED IN MEMORY PERFORM PINPOINT TEST RAN AP ASSY RETEST ROAD TEST

CHECKED FOR STALLING DID PINPOINT TEST Q11 TO Q14 REPLACED FAULTY ACCELERATOR CABLE

N08 PERFORMANCE DIAGNOSTICS 1 14 PIDS MONITOR PINPOINT CODE P0221 RE 2 3 REPLACE OUT OF RANGE PEDAL ASSEMBLY CLEAR CODES AND RECK OK

ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG

7817 PERFORM DIESEL PERFORMANCE DIAG KODC TEST CODE 0321 FUEL CONTAMINATION PASS INTAKE RESTRICTION PASS PINPOINT TEST FAILED PEDAL ASSEMBLY REPLACED PEDAL ASSEMBLY R T RET

8008 DIAGNOSIS & ORDER ACCELERATOR PEDAL TECH #14 RR ACCELERATOR PEDAL AND ROADTEST MTRP888 DIAG AND RE AND NE ACCELERATOR PEDAL NO CP CODES

FOUND AP SIGNAL DROPS AT 9 AT TIMES INSTALL BOB AND MONITOR VERIFY WIRING AP RECK OK ROAD TEST OK

EBC TEST PARS CODES MONITOR PIDS FOUND R/F OPEN REPLACE FUEL PEDAL AS NEEDED ROAD TEST

ACCELERATOR PEDAL SENSOR ASSY DEFECTIVE INTERNAL SHORT DIAGNOSIS FOUND CODES FOR PEDAL SENSOR ASSY REPLACE PEDAL ASSY RETEST ROAD TEST OK

308 48 CHECK TRUCK ACCELERATOR PEDAL DOES NOT WORK AT ALL CHECK CONNECTORS AND PEDAL IS FLUID IN RAN PERFORMANCE DIAGNOSTIC TESTS 1 14 AND FOUND CODES 888 AND 0321 RECC 1

70M4 SHORTED PINPOINT TEST REPLACED ACCELERATOR PEDAL SWITCH ASSEMBLY RETEST TO VERIFY REPAIR

TESTED SYSTEM DTC'S PERFORMED PINPOINT TESTS REPLACED ACCRLL PEDAL RETESTED & ROADTESTED OK

INSPECTED FOR THROTTLE UNRESPONSIVE EBC DIAGNOSIS PRODUCED CODE P0221 FOLLOWED PIN POINT TESTS AND REPLACED PEDAL ASSEMBLY RECHECKED OPERATION AFTER REPAIR ALL OK

OK FOR ENGINE WILL NOT ACCELERATE TEST DRIVE AND FOUND NORMAL OPERATION AND CUSTOMER STATED ONLY HAPPENED ONCE A DAY MAYBE 2 TIMES TOTAL OK FUEL PSI INTAKE AND EXHAUST PRESS

REPLACED PEDAL ASY VEH BACK TO SPECS

1040 ACCELERATOR PEDAL 28 WR VERIFY CONCERN AND RAN PERFORM DIAG TEST 000P 000P 18 HAD MEMORY CODE P0221 RAN PINPOINT TEST AND LED TO INOP PEDAL ASSEMBLY REMOVE AND INSTALL N

HARD TO START PERFORMED HARD START DIAG PERFORMED PINPOINT RAN AP PEDAL CLEARED DTD CHARGED BATTERY RESTARTED VEHICLE PINE

EBC TEST P1111 N08 TEST AND ROAD TEST TO MONITOR PIDS AT TIMES NO THROTTLE RESPONSE REMOVE AND REPLACE THROTTLE PEDAL AND SWITCH ASSEMBLY AND TEST DRIVE OK

TP SENSOR OPEN CIRCUIT

PERFORM ENGINE PERFORMANCE DIAG & PPT 03 18 & 19 FOR CODE P0221 REPLACE ACCELERATOR PEDAL ASSEMBLY

1 DIESEL DIAG CODE 321 PEDAL LOW CIRCUIT PINPOINT TEST DEFECTIVE PEDALISM RAN PEDAL ASSY DROVE W CUST TRUCK OK

ENGINE PERFORMANCE TEST REPLACE ACCEL PEDAL AND SWITCH

AP SENSOR INOP OK W WDS AND ESC TEST AND REPLACED A PEDAL SENSOR NO LABOR OPS IN SLTS WHY NT USED

CUSTOMER & DEALER/TECH COMMENTS ARE REQUIRED FIELDS OF ENTRY. SHORT IN HARNESS RAN WIRING HARNESS AND TRACE FOR OPEN IN HARNESS TO AIRPLE VALIDATION SWITCH FOUND IN CIR 12  
2 PERFORMED THE EBC DIAGNOSIS AND FOUND DATA CODE P0221 FOR THE IDLE VALIDATION SWITCH. REPLACED THE PEDAL ASSY AND

N08 TEST REPL GAS PEDAL WITH TP RD TEST CLEAR ALL DTC

RAN PERFORMANCE TEST 1 14 RECEIVED CODES P0123 & P0221 REPLACED GAS PEDAL ASSEMBLY AND RETEST OK

14 STALLS KODP 800P12 13800H DAE D01 D02 5.4 PERFORM DIESEL DIAG TEST PERFORM QUICK TEST PERFORM RETEST BU TEST ICP TEST OYL CONT TEST N08 ROAD TEST N08 CUT PUT BSA TEST TEST P

INOP ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG

EBC TEST (PARS CODES) N08 MONITOR ROAD TEST PINPOINT TESTS REPLACED ACCELERATOR PEDAL ASSEMBLY

13821 DIESEL EBC TEST N08 DCL DISPLAY PINPOINT TEST MONITOR AND RECORD PIDS KODC SELF TEST KODR SELF TEST REPLACED ACCEL PEDAL SWITCH ASSEMBLY RETEST PARS CC 43 QUALITY

TECH HOOKED TO WDS CONCERNED TRUCK RAGING TO FU LL THROTTLE THEN DROPPING INSPECTION OF CONNECT ORS ALL OK HOOKED TO WDS RAN KODC CODE P1023 KODR P0123 DCL DISPLAY TEST P#

BLSC BYSTEM DIAG EBC TEST REPLACED GAS PEDAL ASSEMBLY (P#) RETEST/DRIVE

REPLACE PEDAL ASSY

EBC TEST NO CODES OPEN SPOT IN TPS AT TIMES REPLACED SLD THROTTLE CONTROL

VERIFY ENGINE IDLES ONLY CX ENG LIGHT IS ON KODC P0221 AP INPT LOW REPTO PINPOINT TEST OPS DIAG AND REPLACE (FAULTY) AP CLEAR CODES AND VERIFY REPAIR KODC PASS NO OPERATION TO REP

PERFORMED DIESEL PERFORMANCE DIAG 1 14 PIDS MONITOR ROADTEST PINPOINT TESTS REPLACE THROTTLE PEDAL ASSY WITH ADJUSTABLE PEDALS CLEAR CODES ROAD TEST AND RETEST

RUN PERFORMANCE DIAGS CODE 0321 CONT RUN PARAMS TER D8 PERFORM PINPOINT TESTS REPLACE ACCEL PE DAL ASSY ROAD TEST OK

DEFECTIVE PEDAL ASSY C042 ADDRESS CONCERN DIAG PERFORM DIESEL DIAG 1 14 REPLACE ACCELERATOR PEDAL ASSY TEST DRIVE

PERFORMANCE TEST 1 14 REPLACED PEDAL ASSY IN UNIT SHORTED

REPLACE PEDAL AND SENSOR OPEN CIRCUIT

TESTED WITH N08 RECEIVED CODE P0123 TESTED AND REPLACED ACCELERATOR PEDAL TP SENSOR SHOWS & CHECK OF EXL

DIAG ROUGH RUNNING

ROAD TEST; HOOKED TO N08; RAN EBC TEST CODE P0112; FOLLOWED PINPOINT TEST; OK SENSOR ON DCL DISPLAY; RPLC FUEL PEDAL ASSY; CLEAR CODES; RETEST

PE03-044 28124

W08 TESTED P0129 CODE PINPOINT TESTED WIRING TO AP PEDAL ASSY HAS SHORT TO GND R/R SENSOR AND RE TESTED ON R/R PEDAL ASSEMBLY TEST DRIVE UNABLE TO HEAR ANY CLICKING NOISE

NOISE DIAG AND REPLACE PEDAL ASSY

1 REPLACED PEDAL AND SWITCH ASSY.

79 IN TURBO DIESEL ADJUSTABLE PEDALS RUN ENGINE PERFORMANCE TEST 1 2 3 4 5 6 7 8 9 10 11 12 14 PERFORM PINPOINT TEST AND

PERFORMED DIAGNOSIS REPLACED THROTTLE PEDAL ASSY Y RETEST OK NOTE DISCONNECTED AFTERMARKET TRAILER WIRING TH AT WAS TAPPED INTO 5VOLT THROTTLE PEDAL REFERS NOE WIRE

TECHNICIAN COULD NOT VERIFY CONCERN TECHNICIAN REPLACED PEDAL ASSEMBLY

DIAG USING NGS, PULLED CODES P0396, RUN PPT, REPLACE AP PEDAL, RETEST

COMPLETED ENGINE PERFORMANCE TESTS 1 14 FROM DIAG SHEET, RECEIVED CODE P0129 AND PERFORMED PINPOINT TESTS FOR ACCEL, REPLACED ACCELERATOR PEDAL AND SENSOR ASSY, CLEARED CODE

ROAD TEST AND ENGINE PERFORMANCE TESTS PINPOINT WIRING AND SENSORS, REPLACE FOOT PEDAL ASSY AND RE TEST OK AT TIME NO LAB OP IN ILTS

TEST DRIVE HESITATES ON DIAG ON ON RUN TEST RED CODE FIRMER PPT 201 PID AP SLOWLY INCREASES ACC PEDAL VOLTAGE VOLTAGE READY WENT TO 4.7 VOLTS PPT022 DISCONN AP SENSOR VOLTA

ROADTEST VERIFY ESC TEST AND FOUND CODES P0221 CK PID PINTST 0C18 0C16 A P PID ON REMOVE AND REPLACE PEDAL ASSY ROADTEST RETEST AND CODES PASS

CHK FOR MIL LIGHT ON WHILE DRIVING, FOLLOW DIAG SHEET, ACCELERATOR PEDAL IS FAULTY, ORDERED PEDAL & REPROGRAM PCMA AS PER SSN 1802L, REPLACED ACCELERATOR PEDAL (ADJUSTABLE) RTE

DIESEL DIAG CODE P0221 PINPOINT IDLE VALIDATION SWITCH STICKING REPLACE THROTTLE PEDAL ASSEMBLY ROAD TEST

CHD FOR CODES PINPOINT TEST R AND R PEDAL ASSY RETEST

TEST DRIVE TRUCK WAS WALKING OK TURNED CORNER PUT PEDAL TO FLOOR TRUCK STARTED TO ACCEL, THEY WENT TO GLE WHILE AT FULL, CHECK ENGINE LIGHT CAME ON DID SAME AGAIN ON TEST DRIVE

RUN DIAG TESTS, REPLACE PEDAL ASSY

VERIFIED CONCERN, REPLACED THE THROTTLE POSITION SENSOR ASSEMBLY

CEL, BEC (CLICK TEST) DIAGNOSIS

ACCEL PEDAL DIAG ROAD TESTS REPLACE PEDAL ASSY

OPEN CIRCUIT, REPLACE PEDAL ASSY

PEDAL ASSEMBLY, REPLACE ACC PEDAL ASSEMBLY

CHECK ENGINE LIGHT IS ON DISE, COMPLETED ESC TESTS WITH NGS TO VERIFY COMPLAINT REMOVED AND REPLA

PERFORMED DIESEL ENGINE PERFORMANCE DIAG, PERFORMED K08R PULLED CODE MONITORED P08R REPLACED ACC ELERATOR PEDAL ASSEMBLY CLEARED CODE RETEST VEHICLE OPERATES PROPI

18000 VERIFIED THE CONCERN, PERFORMED PERFORMANCE DIAG AND FOUND CODE P0221 FOR TP SENSOR FAILURE, ORDERED NEW TP SENSOR NO 1048, R/R THE FOOT TEST ASSY, THIS WAS AN ADJUST

PERFORMED ENGINE PERFORMANCE DIAGN 1 18 REPLACE 0 ACCELERATOR PEDAL ASSY FOR K08R K08C P0221 NO OTHER PROBLEMS FOUND.

DELAY ON ACCEL WHEN PRESSING THROTTLE, DIESEL PERFORMANCE TEST 1 8 CODE 221 REPLACE THROTTLE PEDAL, ROAD TEST SLOW THROTTLE RESPONSE, RETEST NO CODES, PIN POINT TEST REPAIR

0312 CONDUCT PERFORMANCE SHEET INSTALLATION AND ORDER A NEW AP SWITCH INSTALL A NEW ACCEL PEDAL ASSY OR AP SWITCH CLEAR CODES AND RETEST.

0100 0P000 GO 48 TEST DRIVE AND CHECKED ESC SYSTEM, REMOVED AND REPLACED ACCELERATOR PEDAL ASSEMBLY, RETESTED BYTEM AND TEST DRIVE, CHECK ENGINE LIGHT WAS ON, RECEIVED K08

ESC TEST P0129 PID MONITOR SHOWS ACCEL PEDAL GOES TO 4.75 VOLTS JUST OFF IDLE, PINPOINT TO PEDAL SENSOR, REPLACED SENSOR, CLEAR CODES AND RETEST, REINSTALL REAR DRIVESHAF HAD 84

THIS VEH SURGES AND HESITATES WHILE DRIVING TEST DRIVE VEH, VEH SURGES AT LOW AND HIGH SPEEDS, RAN ALL K080 TESTS, 8YS PASS, RAN ALL K08R TESTS, 8YS PASS, CHECKED FUEL PRESSURE

1 PERFORMED ENGINE PERFORMANCE DIAG FOUND CODES FOR AP, REPLACED AP

PERFORMED DIAGNOSTICS, FOUND INTENSITY OF TRANSMISSION TESTING GOOD AT THIS TIME, FOUND FAULT IN ACCELERATOR SWITCH REMOVED AND REPLACED ACCELERATOR PEDAL ASSY (0P000)

STARTTEST P0 221 0C18 ETC PID PINPOINT TO ACW INSTALL NEW PEDAL, CLEAR CODES, OK

PEDAL ASSY TESTED SYSTEMS PERFORMED DCL, R, R REPLACED FAILED PEDAL ASSY RETEST OK

NOISE PERFORMANCE DIAG 1 14 PIDS MONITOR PINPOINT TEST P0129 FOR CODE P0129 P01 2 8 FOUND OUT OF RANGE ACCELERATOR PEDAL, REPLACE ACCELERATOR PEDAL, ADJUSTABLE FOOT PEDALS, CLEAR

RAN ENGINE PERFORMANCE TESTS 1 20, REPLACED PEDAL ASSEMBLY,

1 ESC TEST REPLACED AP SENSOR CLEARED CODES

10004 CRUT STATER WHEN ACCEL, VEH GOES BACK TO IDLE INSPECTED AND CONFIRMED XX PERFORMED ESC TEST AND FOUND OK XX CHECKED AND FOUND APP OK XX, CHECKED PID DATA AND FOUND LI

Y TEST 0C18 18 RPL ACCELERATOR PEDAL ELECTRICI PERFORMED PID MONITORING TESTING CLEAR DTC ROAD TEST OK

30000 0 0P000 0C 48 000P 0.2 P1 0.1 120001 0.8 120000 0.3 0.9 FLAG 10% CONCERN CUTS OUT INTERMITTENTLY, CAUSE PERFORMED DIAGNOSTIC RAN CODES P0221 WAS RETRIEVED, PERFORMED PINPOI

VERIFIED CONCERN RUN CASE NO INFO PERFORMED DIESEL PERFORMANCE DIAG CHECK OIL, OK CHECKED FUEL, CONTAMINATED

ESC TESTS CODE P0221, MONITOR DATA ON AP CIRCUIT, ORDER A PART FROM FORD, PARK THE TRUCK IN STAFF 1 REPLACE ADJUSTABLE THROTTLE PEDAL ASSY, M08 TE

ESC TEST CODE P0129, PINPOINT TEST PID MONITOR, REPLACED ACCELERATOR PEDAL,

WOULD CLOSE OFF IDLE VALVE, OK AND REPLACE ACCELERATOR PEDAL ASSY AND RETEST COULD NOT DUPLICATE ENG NOISE, SUSPECT IDLE VAL SWITCH HAD SOMETHING TO DO WITH IT

W08 TESTED PERFORMED PERFORMANCE DIESEL DIAGNOSTICS, PINPOINT TESTED REPROGRAMMED P.C.M, REPLACED PEDAL ASSY, & RETESTED

84 TEST DRIVE AND VERIFIED, WOULD NEVER STALL, COMPLETELY JUST RETURN TO IDLE, PERFORMED ALL SELF TESTS POSSIBLE WITH THE NGS AND EVERY THING PASSES, RAN THROUGH THE PERFORM

RUN TEST ON ENG AND REPLACED ACC PEDAL

0P000 0C 48 M 0 30000 VERIFIED CONCERN, NOISE DIAG CODE P0129, PID DATA MONITOR, PINPOINT TEST FOUND THROTTLE PEDAL INTERMITTENTLY DROPPING

TEST REPLACE AP SENSOR

REPL PEDAL ASSEMBLY

VERIFY CONCERN TEST AND REPLACE THROTTLE PEDAL ASSY ROAD TEST AND FOUND CHAPPED WIRE AT STRUT BOLT, REPAIRED

ESC TESTS K080 P1111 K08C P0221 K08R P1111 NO TEST PID MONITOR, INSPECT WIRING FROM AP SENSOR TO PCM, OK, DIAG BY FAULT, REPLACE ACCEL PEDAL ASSY, RETESTS

BASIC P0221 C

ENGINE PERFORM TEST 7.2L DIESEL, PINPOINT TEST ON ACCELERATOR PEDAL, CODE P0129 R/R ACCELERATOR PEDAL, & RETEST SYMPTOM STILL PRESENT CONTINUE PPT R/R PCM PER SHOP MANUAL, REPA

TEST DRIVE TO CONFIRM CUSTOMER CONCERN TECH PERFORMED ESC TEST PINPOINT TEST MONITOR TEST, ACCORD REPLACE FUEL PEDAL AND SENSOR, MY TIME TO REPLACE FUEL PEDAL AND SENSOR, TI

SHORTED, REPLACE PEDAL ASSEMBLY

TEST DRIVE, VERIFIED CONCERN, PERFORMED TESTS, REPLACED ACCELERATOR PEDAL ASSEMBLY, RETEST OK

ESC V TESTS K080 P0221 K08C P0221 K08R P0221 MONITORED P08R WITH NGS, PINPOINT TESTS, DIAGNOSED AND REPLACED ACCEL

ACCEL PEDAL, SHORTED

DIAGNOSE CHECK ENGINE LIGHT ON AND THROTTLE RESPONSE INTERMITTENT RAN ESC TEST P0221 TP PERFORMANCE PERFORM

THROTTLE RESPONSE INTERMITTENT, REPLACE THROTTLE ASSEMBLY DUE TO MIL IN FORD

1408 42 CK OUT FOUND CK ENGINE LIGHT ON AND WOULD NOT ACCEL. RAN DIESEL PERFORMANCE TEST FOUND ERRATIC OPERATION ACCEL PEDAL REPLACED PEDAL ASBY RETEST ALL OK  
MIS TESTED FOUND THROTTLE POSITION SENSOR BAD REPLACED PISTAL ASSEMBLY ADJUSTED PEDAL RETEST AND ROADTEST YAD  
PERFORM ENGINE DIAGNOSTICS VISUAL ENGINE INSPECTION SUFFICIENT CLIN FUL. CHECKED ENGINE OIL. INTAKE RESTRICTION REPLACED THE PDS AND SNE ASSEMBLY. TEST DROVE VEHICLE OPERA  
2899 WARR VARIED CUSTOMERS COMPLAINT ESC TESTED P0221 PIN TESTED FOUND ACC PEDAL FAULTY REPLACED PEDAL ASBY RETESTED ALL OK ROAD TESTED ALL OK  
THROTTLE PEDAL ASBY TESTED R R REPLACED FAILED THROTTLE PEDAL ASBY  
4075 42 CK OUT FOUND ENGINE CUTTING OUT ON ACCEL TIME TO RUN DIESEL PERFORMANCE TEST FOUND ACCEL PEDAL ERRATIC OPERATION REPLACED PEDAL RETEST ALL OK  
ESC TEST PIN POINT TEST RAN TP PEDAL ASSEM  
DEFECTIVE THROTTLE PEDAL SENSOR. ROADTEST TEST WITH NGS CODE P0221TP REPLACE PEDAL SENSOR ASBY RETEST OK  
6882 ACCEL PEDAL ASBY FROM 48 W PERFORM PERFORMANCE DIAGNOSTICS STEPS 1 THRU 13 RAN ACCEL PEDAL ASBY CLEAR CODE AND ROAD TEST \*NOTE ORDERED PART ON R0116475H T0072  
TEST DROVE WITH CUSTOMER. CUSTOMER WAS NOT ABLE TO DUPLICATE CONCERN CONTINUOUSLY FOUND IT TO GO TO IDLE  
RE TEST CONDITION VANISHED. CONNECT NGS AND RETRIEVE CODES. P0221,CONT KOER SWITCH MONITOR TEST. RUN PIN POINT TESTS REPLACE ACCEL PEDAL ASY ADJUSTABLE CLEAR CODES AND RETE  
1 WDS DIAGNOSTICS AND PINPOINT TESTS ALL GOOD AT THIS TIME RAN CODE P0221 IN MEMORY PINPOINT TEST STEP KEY SAYS TO REPLACE  
NGS DIAGNOSIS MONITOR PDS WATCH BTO TRANSITION VOLTAGE TEST SENSOR CIRCUIT AND SENSOR/FOUND SENSOR INTERMITTENTLY OPEN REPLACE PEDAL AND SENSOR ASSEMBLY,RETEST TO VERIFY R  
3898 VEHICLE CUTS OUT WHEN DRIVING AND ACCEL PEDAL. INOP. RAN NGS SELF TEST KOER PASS CONT CODES P0138. RAN PINPOINT TEST D05, MONITORED DCL DISPLAY AP VOLTAGE DROPS FROM .25V  
11760 SENSOR FAILURE IN TIME 1.3 HRS NO OPS FOR REPAIR. DIAG TEST P0221 R R AND REPLACE AP PEDAL ASBY.  
ACCELERATOR PEDAL ASSEMBLY FAULTY TEST DROVE AND VERIFIED COMPLAINT. ESC TESTED RECEIVED CODE P0221 ROAD TEST AND MONITOR ACCELERATOR PEDAL PID FOLLOWED PINPOINT AND REP.  
5229 NGS HOOK UP PERFORM NGS KOER KOER PERFORM NGS MONITOR PDS ROAD TEST FOUND TP SENSOR TO BE OUT OF RANGE. TIME TO REMOVE AND INITIAL ADJUSTABLE PEDAL ASSEM WITH TP SB  
RAN PERFORMANCE CHART MONITOR PDS FOR ROAD TEST. REPLACED THROTTLE PEDAL ASSEMBLY. GAVE TO QUALITY CONTROL MANAGER TO TEST. O.K.  
ROAD TESTED TO VERIFY CONCERN,ESC TESTED MONITORED PDS TO PINPOINT TEST,MT PERFORMED DIAG PER HOTLINE INSTRUCTION. MT REPLACED THROTTLE PEDAL AND SENSOR ASBY.  
ACCEL PEDAL ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
RAN DCL DIAG TEST ROAD TEST. FOUND T P SENSOR FAILING AT TIMES. IVG PART  
TESTED REPLACED ACCELERATOR PEDAL  
2168 42 VERIFY CUSTOMER CONCERN PERFORM DIESEL DIAGNOSTIC SHEET STEP 1 TO 6 FOUND P0221 PERFORM PINPOINT TEST AND FOUND ACCELERATOR PEDAL SENSO R INOP AT TIMES REPLACE AC  
ENGINE PERFORMANCE DIAG. PINPOINT TEST. REPLACE ACCELERATOR PEDAL SENSOR ASSEMBLY. MT TIME TO REPLACE SENSOR NO LABOR OPERATION.  
WDS TEST RAN PERFORMANCE DIAG TEST 1 14 AND RECEIVED CODE P0221 PERFORM PINPOINT TEST DIAG AS FAILED T.P. SENSOR. REMOVED AND REPLACED PEDAL ASSEMBLY. CLEARED CODES AND RET  
1876 FAULTY ACCELERATOR PEDAL ASSEMBLY RAN ESC TEST. CODE P0221 PRESENT. MONITORED WITH NGS. FOUND A P PID TO GO TO ZERO. INTERNAL OPEN IN SWITCH. INSTALLED A NEW PEDAL ASSEM  
PERFORMED KOER CONT CODES P0221 PERFORM PINPOINT TESTS REPLACE PEDAL AND SENSOR ASBY OPEN  
HOOKED UP NGS AND MONITORED PID DATA WHILE TEST. DRIVER/COULD NOT GET TRUCK TO ACCELERATE UP. RAN PERFORMING HAD DTC P0221,DID PINPOINT TEST FE1 ADM PEE; REPLACED ACCELERATOR  
PERFORM DIESEL PERFORMANCE DIAG. KOER PASS NOIC P0221 P0121 KOER PASS,PERFORMED WIRE REPAIR. UPON ROAD TEST FOUND ACCELERATOR PEDAL NOT RESPONDING. MONITORED PDS O  
PERFORM DIESEL DIAGNOSTICS. CODE P0138 TP OUT OF RANGE REPLACE ADJUSTABLE THROTTLE AND TP ASBY.  
PERFORMED DIAG SHEET RAN PINPOINT CALLED HOTLINE INSTALLED NEW FUEL PEDAL ASSEMBLY ROAD TEST  
ENGINE HILL NO THROTTLE REPLACED PEDAL ASBY.  
PERFORMED ESC TEST. RETRIEVED CODES KOER PASS KOER P0138 KOEC P042L,PERFORMED PINPOINT TEST D01 D04. REPLACED ACCELERATOR PEDAL ASBY AND RETESTED ALL OK.  
3028 FROM D05 42 NGS DI PERFORMANCE DIAG 3000P 3 H020 3008P1 .1 P0221 P008 IN MEMORY 8U22 3008P2 .1 KOER 3008P3 .1 ICP 3008P7 .1 LOW IDLE 3008P8 .1 CRANKCASE 3008P9 .3 CYLINDER 3008P10 .1  
30341 BASE WARRANTY CC 48 FP 8788 NO POWER IDLE ONLY RETRIEVE PCM MODULE CODE N0050 P1111 CONT P0221 DCL DISPLAY MP 8 ICP 468 ROAD TEST NGS MONITOR PINPOINT TEST REPLACE INTER  
REPLACED THROTTLE PEDAL  
PERFORM DIAG PIN PT TEST RAN ACCEL PEDAL ASBY RECK CK  
11880 OPEN IN AP SENSOR PERFORM TEST ROAD TEST MONITOR AND NGS RECORDS FOUND CODE P0123,PERF PIN POINT TEST AND REPLAC AP SENSOR ON ACCELERATOR PEDAL ROAD TEST OK  
REPLACE PEDAL ASBY  
PERFORM NGS DIAG. CODE P0221 FOLLOW PPT. IDLE VALIDATION SWITCH IS ERRATIC. R & R PEDAL ASBY AND RETEST ERASE CODE.  
9828 CHECK OUT VERIFY WONT ACCEL AT TIMES PERFORM 7.3L DI DIAGS PERFORM FUEL SYSTEM TESTS ALL FUEL TESTS PASS KOEC P0221 PINPOINT TESTS FOUND TP SENSOR B INTERMITTENT REPLAC  
M TIME TO REPLACE SWITCH FOR ACCEL PEDAL DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
RAN ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
PEDAL ASSEM REPLACE ACC PEDAL ASSEM  
VERIFIED RAN ESC TEST TO PINPOINT TEST RAN ALL TEST FOUND CODES FOLLOWED CODES TO PEDAL INTERMITTANT FAULT,REPL PEDAL.  
SENSOR FAULT MONITORED ENGINE FUEL AND ELECTRICAL SYSTEMS FOUND THROTTLE PEDAL SENSOR IS NOT RESPONDING CAUSING LACK OF  
CHARGE AND REPLAC GAS PEDAL ASSEMBLY. CLEAR ID CODE AND ROAD TESTED  
19828 FROM 42 NGS TEST P0221 TP RANGE MALF ORDERED NEW TP ASBY. INSTALLED NEW PEDAL ASBY TESTED OK  
CK ENG LIGHT ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
DIAG FP TEST. OK VOLTS TO TP SEN. LG REPLACED SENSOR. MT FOR REPLACE  
73 DI TURBO 8400 RUN 8400 PERFORMANCE TEST 1 8 4 8 7 8 PERFORM PINPOINT AND PID MONITOR TEST CONT CODE P0221 NO CLOCK TIME COMPUTERS DOWN AGAIN  
LIGHT ON ESC (QUICK TEST) DIAGNOSTICS  
VERIFIED COMPLAINT ESC TEST P0221 TP RANGE ERRATIC,REPLACED SENSOR AND PEDAL ASBY RETEST OK  
12884 REPLACED N8 01 REPLACED THROTTLE INS ROAD TEST OK. HAVE SOP PART ON ORDER N8 FOUND PCM UPDATE PART NUMBER 2C3F 13A880 DI REPROGRAMED PCM  
TECH PERFORMED NGS TEST DTD P0138 PINPOINT TESTS REPLACED ACCELERATOR PEDAL ASSEMBLY RETEST NO DTC. OK AT THIS TIME.  
SERVICE BAY DIAGNOSTIC SYSTEM (8808) START UP TEST  
SENSOR ELECTRICAL DIAG P0221 PINPOINT TEST REPLACED INTER ENGINE COOLANT  
ESC CHECKED CODE FOR IDLE TRACKING SWITCH. DID PINPOINT TO FIND INTER. OPEN NEED TO REPLACE ACCEL PEDAL ASSEMBLY & RETEST. INSTALLED PEDAL ASSEMBLY & RETESTED OK.  
17284 TEST DROVE TRUCK HAS NO POWER AT TIMES PERFORMED ESC TEST NO CODES PERFORMED PIN POINT TEST BAD ACCELERATOR PEDAL OR ADJUSTABLE PEDAL RETEST AND DROVE PROBLEM PD  
REPLACED THROTTLE PEDAL SENSOR  
PERFORMED ESC TESTS AND PINPOINT TESTS. REPLACED THROTTLE ASSEMBLY.

RUN ENG TEST CODE P0121 AND P0221 RUN PINPOINT TESTS U01 AND U02 REMOVE AND REPLACE ETC ASSY CLEAR CODES AND ROAD TEST  
 RD TEST VEHICLE VERIFIED CONCERN PERFORM QUICK TEST K020 K021 M02C P0221 PIN POINT TEST FE1 TO FE2 PERFORMED MONITOR  
 CHECKED FOR CODES P0221 DID PINPOINT TEST TP AND REPLACED ACCEL PEDAL ASSY ROADTESTED OK RECHECKED NO CODES  
 7489 42 8P98 28 12073 ROADTEST VEHICLE UNABLE TO VERIFY STALLING BUT VERIFIED TRUCK HEVIBATING AND BUCKING AT TIMES ENGINE PERFORMANCE SHEET VISUAL OK OIL OK FUEL OK INTAKE TEST  
 SEC TEST CODES P0221 LOW TP SENSOR LOW VOLTAGE RER TP SENSOR REPLACE SET TO FACTORY SPECS ROAD TESTED OK  
 RSP. FOR ENGINE LACKS POWER ACCELERATOR PEDAL ASSEMBLY ADJUSTABLE REPLACE  
 1946 8008P1 16. C K FOR ACCEL PEDAL INOP AT TIME TEST DRIVE VEH VERIFIED PROBLEM RETURNED TO SHOP PERFORMED ENGINE PER DIAG FOUND CODE P0121 REPLACED ACCEL PEDAL PER SHOP MP  
 CHECK WITH TESTER AND SCOPE AND REPLACE TP SENSOR ASSY  
 W02 DIAGNOSIS CODE P0121 P0221 REPLACE FAULTY A. CCELERATOR PEDAL CLEAR CODES AND RETEST.  
 DIAG RPL TP8 THROTTLE PEDAL ASSY TEST DRIVE OK  
 CHECKED SYSTEM REPLACED ACCELERATOR PEDAL TEST DRIVE OK  
 TESTED EEC SYSTEM PERFORMED NEG ROAD TEST AND REPLACED AP SENSOR  
 ENGINE PERFORMANCE TEST. PINPOINT TEST ON ACCEL PEDAL SENSOR. REPLACED ACCEL PEDAL ASSY. RETEST.  
 TESTED REPLACED GAS PEDALS  
 PERFORMED DIESEL DIAG RECEIVED CODE P0221. PERFORMED PINPOINT TEST TRACE TO OPEN CIRCUIT IN A.P. REPLACED AP AND ROADTEST OK NOW.  
 CC 28 8P98 8888 PERFORMED VISUAL INSPECTIONS NEG SETUP PERFORMED PERFORMANCE DIAG STEPS 1 14 PER DIAG SHEET RECEIVED CODE P0221. PERFORMED PINPOINT TEST AND REPLACED ACCELEA  
 RAN NEG TESTS RUTRIVE K020 K021 INJECTOR BUZZ AND CYL CONTRIBUTION. GAVE CODE P0221 FOR THE TP RANGE PERF. REMOVE AND REPLACE ACC PEDAL RETEST ALL PAS  
 PERFORMANCE WHILE DRIVING DIAG M02C P0221 ALL OTHER TEST PASSES FOUND OPEN IN INTERNAL ACCEL PEDAL SWITCH REPLACED ACCEL PEDAL ASSY ROADTEST AND RETEST  
 8888 PEDAL ASSEMBLY CC 48 SEC TEST AND RECEIVED CODE P0221 CHECK AND REPLACE PEDAL ASSEMBLY AND REASSEMBLE ROAD TESTY AND RETEST AND FOUND NO CODES BUT HAD LOW POWER AND IDL  
 VERIFIED CONCERN AND FOUND ACCELERATOR PEDAL IDLE VALIDATION SWITCH NOT RESPONDING. PID MONITOR APP GOOD. CHECK CKTS IDLE VALIDATION SWITCH CAUSE OF CONCERN. REMOVED AND RES  
 SEC TEST LAMP ON PINPOINT TEST PEDAL ASSEMBLY OPENEDL DISPLAY VOLTAGE DROPTO .15 TOO LOW REPLACE PEDAL ASSEMBLY CLEAR AND RETEST PASS ROAD TEST OK  
 1988 THROTTLE SWITCH ON PEDAL WARR NEG TEST CODE P0221 PIN POINT TEST CC 1 THRU CC 10 REPLACE PEDAL RETEST TEST DRIVE 8P98 CC 42  
 ENGINE PERFORMANCE DIAGNOSIS REPLACED ACCELERATOR PEDAL  
 DIAG FOUND CODE P0121 P.P. TEST FOUND PEDAL ASS READING INACCURATE. NISSC TO REPLACE PEDAL ASSY.  
 THROTTLE POSITION SENSOR OPEN CIRCUIT TEST DROVE 3 MILES VERIFY CUSTOMER CONCERN PERFORMED DIAG SHEET STEPS 1 14 FOUND DTC P0221 REMOVED & TEST T P SENSOR FOUND OPEN IN B  
 DIAG LOW POWER AND POOR THROTTLE RESPN REPLACE AP ASSEMBLY AND RETEST AT TIME NO SLTS  
 4808 CONDUCT PERFORMANCE SHEET AND FOUND CODE P021 PINPOINT TEST FOR CODE AND REPLACE THE A.P. SWITCH PEDAL ASSY. CLEAR CODES AND RETEST. RAN OAS8 AND CALLED HOT LINE IT WAS  
 OPEN CIRCUIT REPLACE PEDAL ASSY ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
 NOTIME FOR ABNORMAL DIAG DUE TO INTERMITTENT CONCERN. INSTALLED NEW TP8 SENSOR  
 ACCEL PEDAL ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
 MIL ACTIVATED LACKS POWER AT TIMES VERIFIED INTERMITTANT PERFORM ENGINE PERFORMANCE DIAG STEPS 1 12 CODES K020 PASS C02H P0221 P0248 PERFORM PINPOINTS PEDAL ASSY INOP AT TIMES R  
 PERFORMED HOTLINE RECOMMENDED REPAIR TO CHECK WIRING HARNESS ON LEFT FRONT SHOCK TOWER FOR CHAPPING. WIRING OK. CUSTOMER WILL RETURN FOR FURTHER ROAD TEST AND DIAGNOSIS  
 TP RANGE OFF THROTTLE DOESNT RESPOND OKD AS PER SHOP MANUAL/RAID TO REPLACE PROCEEDOR. INSPECTED WIRER PER HOTLINE NPF REPLACED PEDAL ASSY  
 REMOVE AND REPLACE ACCELERATOR PEDAL CLEAR CODES AND ROAD TEST OK  
 TEST DRIVE AND CONFIRMED CONCERN PERFORM QUICK TEST WITH W02 AND FOUND CODE P0221 PERFORM PINPOINT TESTS AND MONITOR  
 1788 8884 PERFORMED TEST 1 14 FOUND DTC P0221 PERFORMED PIN POINT TEST INTERMITTENT OPEN IN PEDAL SWITCH REPLACED PEDAL ASSEMBLY RETESTED OK AT THE TIME  
 AP SENSOR INTER FAILURE PERP DIAG K020 PASS K021 PASS K02C P0221 INJ EL PASS CCT PASS PINPOINT TEST REPLACED AP ASSY CLEARED ROAD TEST RETEST  
 22874 48 PERFORM K020 K021 & PD TESTS CODE P 0221 CONT. MEMORY REPLACE ACCEL PEDAL PER HOTLINE PER UN NEG TEST CLEAR MEMORY & VERIFY REPAIR  
 SEC TEST FOR CODE P0221 PINPOINT TEST PER CODE FOUND FAULTY PEDAL ASSEMBLY REMOVE AND REPLACE ASSEMBLY FOR CONCERN RECHECK AND ROAD TEST  
 VERIFIED CONCERN PERFORMED DI DIAGNOSIS CODE P0221 REPLACED FAULTY GAS PEDAL RETEST ROAD TEST OK  
 RD. TEST. INTERMITTANT NO ACCEL NEG MONITOR PED8 FOUND OPEN ACCELERATOR PEDAL AT TIMES. PPT REPLACED ACCELERATOR PEDAL AND TP8 SWITCH AD. TEST. GOOD CODE 28 MILES OUT 2148  
 VERIFY COMPLAINT OF NO THROTTLE PEDAL PERFORM DIESEL PERFORMANCE CHART FOUND CODE 121 FOLLOW PINPOINT TEST TPOA THE CONDITION REPLACE THROTTLE PEDAL OPEN CIRCUIT  
 FAILED TP SENSOR AND PEDAL ASSY TEST DIAGNOSE AND REPLACE TP8 AND PEDAL  
 788 TP SENSOR NOT WORKING PROPERLY. 13888 DKT D8 8788 DIAG ENGINE DOESNT ACCELERATE PROPERLY. FOUND CODE P0121 IN K020 CONTINUOUS. PERFORMED PINPOINT TEST. REPLACED ACC  
 OUT OF SPECS SEC (CLICK TEST) DIAGNOSIS  
 RAN SEC TEST PINPOINT MONITOR ROAD TEST INSTALL PEDAL ASSY RETEST AT TIME TO INSTALL PEDAL ASSY WPI  
 X MIT TIME TO REPLACE ACCELERATOR PEDAL AND SENSOR ASSY WPI  
 PERFORM BLEED TRANS DIAG PINPOINT TEST P0221 PINPOINT TEST FE 1 FB 4 RESISTANCE OUT OF LIMITS FAULTY  
 GO TO BRAMPTON CHART RUN SEC NO CHECK ENGINE LIGHT RUN CODE P0121 PPT 001 YES 4.4 VOLTS DE YES 6.5 VOLTS REPLACE AP PEDAL ASSY  
 2708 BASE WARRANTY CC 42 8P 8P98 INTERMITTENT INOP PERFORM DIESEL PERFORMANCE DIAGNOSIS RETRIEVE PCM MODULE CODE Y020 P1111 CONT P0221 K021 P1111 INJECTOR P1111 CONTRIBUT  
 NEG SYSTEMS TEST PINPOINT TEST REPLACE GAS PEDAL SENSOR  
 SEC (CLICK TEST) DIAGNOSIS  
 3281 TP SENSOR 42 ROAD TEST HOOKED UP W02 RETRIEVED CODES 0221 PERFORMED PIN PT TESTS PERFORMED FUEL PRESSURE TESTS (8P98) PERFORMED POWER BALANCE AND TESTED INJECTORS I  
 040P REPLACED ACCL. PEDAL ASSY  
 1 TESTED WITH W02. FOUND CODES FOR TP SENSOR. REPLACED SENSOR. CLEARED CODES AND RETEST O.K.  
 8P98 CCH 42 8AS TRANS PRESSURE TEST SEC TEST FOUND CODE P0221 PIN POINT TEST REPLACE TP SENSOR AND GAS PEDAL ASSY RETEST SYSTEM  
 UNOPERATIVE SEC (CLICK TEST) DIAGNOSIS  
 VERIFIED CONCERN PERFORM ENGINE PERF DIAG TEST REPLACED ACCELL. PEDAL ASSEMBLY CORRECTED  
 ACCELERATOR PEDAL ASSY INOP ROAD TESTED VEHICLE AND VERIFIED CUSTOMER CONCERN. CHECKED AIR FILTER. PERFORMED DIESEL DIAGNOSTICS TEST. BOOST BLOW  
 TEST OUT FOR ACCELERATOR PEDAL HARD TO HOLD STEADY SPEEDS. FOUND AP SENSOR JUMPS FROM .08 1.27 INSTEAD OF GRADUALLY INCREASING. REPLACE AP SENSOR ASSEMBLY AND RETESTED. 0  
 VERIFIED ENGINE LOOSENS POWER FEELS LIKE VEHICLE TURNS OFF TEST DROVE WITH CUSTOMER VERIFIED SYMPTOM WOT SENSOR SHOWED TO BE AT IDLE AT WAIT REPLACED PEDAL ASSEMBLY AFTER CH  
 ACC PEDAL ASSEM REPLACE ACC PEDAL ASSEM

1984 RAN PERFORMANCE DIAG 1 TO 14. HAD CODE P0221 REPLACE ACCEL PEDAL ASSY. CLEAR CODES & ROAD TEST OK  
REPLACED ACCELERATOR CABLE. ROAD TEST WDS HOOK UP PERFORM STEPS 1 & 1000 DI PERFORMANCE DIAGNOSIS SHEET RETRIEVE DTC P0221 PERFORM PINPOINT TESTS FE1 FE7 REPLACE ACCEL PEDAL  
THROTTLE AND REFL SENSOR  
OK ENGINE FOR NO POWER VERIFY RAN PERFORMANCE DIAG 800F TO ENGINE HAS A INTER T.P. FAILER. RAN PEDAL ASSEMBLY & REPLACE T.S.D.J. LABOR 800F 19  
1984 CONNECT NOS QUICK TEST K080 CC P0221 DCL. DISPLAY TEST PINPOINT TEST MS AND TP ASSEMBLY. ORDERED ACC PEDAL ASSEMBLY. REPLACE ADJUSTABLE ACC PEDAL ASSEMBLY. CLEAR CO  
1984 42 INSPECT FOR CUSTOMER COMPLAINT. CHECK KOED ON DIAGNO AND FOUND CODE P0221 ACCEL PEDAL. USING PINPOINT TEST CHECK SYSTEM ALL WIRES AND CONNOC TORS PASSED. REPLACE  
1 PERFORMED DIESEL DIAG WORKSHEET FOR ATTACHED CODE P0221 MONITORED PDS ALL OK PERFORMED PINPOINT TEST FOUND THE  
ACCELERATOR PEDAL SWITCH SHORTED INTERNALLY. REPLACED A P SWITCH TEST DROVE OK  
SEC TEST REPLACE GAS PEDAL ASSY  
RUN WDS DIAG. FOUND CODE. P0221. PINPOINT TEST. FOUND ACCEL PEDAL ASSY NOT WORKING PROPERLY  
RUN TEST 1 & R/R TP ASSEMBLY UNIT HAS ADJUSTABLE PEDALS ROAD TEST AND CLEAR MEMORY  
PERFORMED DIAG SHEET REPLACED ACCEL PEDAL  
PERFORM DIAG TESTS REPLACE PEDAL ASSY  
NOS TEST 800F P1 FIX1 PASS P2 PASS P3 PASS P4 PASS P5 PASS P6 PASS P7 PASS P8 PASS P9 PASS P10 PASS. PINPOINT TEST SHOWS INTERMITTANT SHORT ON ACCEL PEDAL REPLACE PEDAL ROAD TESTED OK  
SYSTEM CHECK AND PIN POINT DIAG FOUND THROTTLE POSITION SENSOR BAD REPLACE T POSITION SENSOR AND ROAD TEST  
CODES DIESEL ENGINE DIAGNOSIS REPLACE ACCELERATOR PEDAL SENSOR  
ROAD TESTING WDS DIAG NO CODES. ROAD TEST W WDS FUEL PRESS TESTING DIAG & REPLACE ACCEL PEDAL ASSY ROAD TEST OK  
PERFORMED SEC SYSTEM TEST. REPLACED GAS PEDAL ASSEMBLY  
PEDAL ASSEM REPLACE ACC PEDAL ASSEM SHOP  
THROTTLE PEDAL ASSEMBLY VERIFIED COMPLAINT. CHECKED DTC P0221. TROUBLESHOOT AND FOUND THROTTLE PEDAL ASSEMBLY BAD. REPLACED PEDAL ASSEMBLY  
SHOP PERFORM PERFORMANCE SHEET AND CODE P143 IN MIRA TEST FOR CAUSE PID MONITOR AS INSTRUCTED IN PINPOINT TEST OF PCOD. REPLACE THE PEDAL ASSY CLEAR CODE AND RETEST.  
IF VEHICLE TO VERIFY CUSTOMER COMPLAINT. NOTED CHK ENG LITEN ON BROUGHT INTO SHOP AND HOOKED UP TO WDS. RETRIEVED CODE P0221. PERFORMED PIN POINT TEST AND FOUND VEHICLE NSC  
PERFORM DIAG SHEET CODES FOR TP SENSOR OUT OF R ANGE AND HIGH REPLACED GAS PEDAL ASSEMBLY OK NO W  
NO RESPONSE FROM TPS IN PEDAL CODE P1121 PERFORM SEC TEST AND ALL OTHER TESTS NECESSARY. REPLACE PEDAL ASSY. ADDITIONAL TIME TO R/R FROM STX UNIT.  
FALLT CODE P0221 NEED TO REPLACE ELECTRONIC THROTTLE CONTROL ASSEMBLY & RETEST. REPLACED ELECTRONIC THROTTLE & ROAD TEST WITH CUSTOMER CLEAR CODES & RETEST PASS  
SEC TESTS K080 P111 K080 P0221 K080 P111 DCL. PID MONITOR PID TESTS. REPLACE AP ASSEMBLY DUE TO INTERMITTANT FAULT. RETEST DRIVE UNABLE TO REDUPLICATE CONCERN BASIC IF  
42 ROAD TEST OK. SEC SYSTEM DO SYSTEM TESTS. REPLACED ACCEL PEDAL AND RETEST AND ROAD TEST OK  
TEST DROVE ENGINE DEFAULT TO IDLE INTERMIT NOS TEST NO CODES FURTHER DIAG FINDS FALLTY IDLE VARIATION SWITCH TPS ASSY  
HEBITATES ON TAKE OFF SEC (CLICK TEST) DIAGNOSIS  
48 SEC (CLICK TEST) DIAGNOSIS  
COMPRESSED CONCERN PERFORMED DIESEL DIAG 1 14. FOUND ACCEL PEDAL OPEN CIRCUIT. INSTALLED NEW PEDAL ASSEMBLY. ROAD TEST NORMAL.  
FOUND CODE P 0122 ACCEL PEDAL. FAULT OPEN CIRCUIT AND NO ONE IN THE VALLEY HAS PART NEEDS TO BE S.O.P. CAR TEST DROVE TO VERIFY 3 TO 8 MILES AND CUTS OUT 3 TIMES AND NO ACCEL RESPON  
DIESEL DIAG STEPS 1 14 CONTINUOUS MEMORY CODE P0221 PINPOINT TEST FE1 & 4 DIRECTED BY PPT TO REPLACE ACCELERATOR PEDAL ASSY. RETEST ROAD TEST CONCERN OF STALLING NOT VERIFIED  
7888 8788 TIME TO CK FUEL. OR CK AIR SWITCH. RESTRUCTION OK TIME TO RUN K080 NOSR DCL P0221 RAN PINPOINT TEST FE1 FE7 REPLACE PEDAL ASSY BRATIO ER TEST RAG D TEST P1111  
TEST DROVE TO VERIFY AT TIMES WOULD NOT ACCELERATE. RAN ENG. PERFORMANCE TEST 1 & 8 14 SC CODE 821 PINPOINT TEST F1 F7 REPLACED ACC. PEDAL ASSY RECHECK OK  
CHECKED BIP SENSOR OK SEC TEST NO CODES SENSOR WORKS INTERMITTALLY. REPLACED ACCELERATOR PEDAL ASSEMBLY WITH NO BLTS  
ROAD TESTED VERIFIED SEC TESTED MONITORED PDS 4.8 NOT SWITCHING 25. RECORDED ACCEL PEDAL. OUT OF NEW TRUCK INSTALLED AND ROAD TESTED CLEARED CODES AND COMPLETED WABCO R C  
C SEC (CLICK TEST) DIAGNOSIS REPLACED ACCEL PEDAL ASSY  
1888 INTERMITTANT OPEN IN ACCEL PEDAL SENSOR 28 9888 NOTE DIAG FOR LINES A & B AND C PERFORM LINES 1 THROUGH 14 DI TURBO PERM. SHEET K080 P0221 ALL OTHER PARAMETERS NORMAL. PERM. I  
CHECK FOR NO RESPONSE FROM ACCELERATION NOS DIAG CODE P0122. PID MON  
CHECK AND REPLACED ACCELERATOR PEDAL ASSY AND CLEARED CODES. INTERMITTANT MALFUNCTION IN AP SENSOR ROAD TEST CHECK GASIS WDS HOOK UP PERFORM STEPS 1 & 2022 F SERIES PERM  
1 DIAGNOSE DEFECTIVE PEDAL SENSOR ASSY REPLACE RETEST OK COAL  
CHECK ENGINE LIGHT ON SEC (CLICK TEST) DIAGNOSIS FOUND ACCEL PEDAL DROPS SIGNAL. REPLACED ACCEL PEDAL AND ASSY RETEST OK  
BAD PEDAL ASSY  
APP SENSOR CAUSE OF NO POWER 800F P17 888F ROAD TEST VEHICLE VERIFIED CONCERN INTERMITTENT NO POWER PERFORM DIESEL PERFORMANCE DIAG VISUAL INSPECTION OK  
VERIFY CHECK GASIS PERFORMANCE DIAG VISUAL CHECK 8 OK K080 TEST PASS K080 TEST P0221 K080 IN TEST PASS CHECK  
VERIFY CONCERN PERFORM WDS SEC SELF TEST CODE P0221 ETC PERFORM PPT FOUND ETO SENSOR BAD DISCONNECT PEDAL ADJUSTER CABLE REMOVE PEDAL ASSY INSTALL NEW PEDAL ASSY RERUN  
AP SWITCH 8788 DIAG 1 & PERFORM PINPOINT TEST ON AP SWITCH. RR SWITCH TEST DROVE OK  
2888 TP SENSOR 28 W ROAD TEST VEHICLE LOOSER ACCEL SIGNAL. PERFORM NOS BELTTEST HAS CODES P0122 P0221 FOR TP SENSOR PERFORM PINPOINT TEST MONITOR PDS REPLACE ADJUSTABLE P  
SENSOR MDP ENGINE PERFORMANCE DIAGNOSTIC 7.3L DI TURBO ENGINE DIAG  
INTERMITTANT AP MS CIRCUIT FAILURES. K080 PASS K080 P0122 K080 PASS IN IL PASS OCT PASS VERIFY INTERMITTENT FAILURE NO RESPONSE FROM AP. REPLACED ADJUSTABLE ACCELERATOR PEDAL  
CHECK NO POWER ON ACCEL. RUN ENGINE PERFORMANCE DIAGNOSTIC CODE P0221 PINPOINT TEST WITH PID MONITOR ON ROAD TEST CONCERN CODE 829  
AS PER COMPLAINT INSPECTED VEHICLE FOR COMPLAINT OF CIE LITE. INSTALLED WDS AND RETRIEVED DTC P0221. PERFORMED PINPOINT TEST AND CONFIRMED A MAL FUNCTIONING ACCELERATOR PEDAL.  
12888 VERIFIED CUST CONCERN. PERFORMED EDC TEST. RECOVERED DTC FOR T.P. OUT OF PDS SELF TEST. T RANGE. PERFORMED NOS MONITOR AND RECORD. PERFORM D PINPOINT TEST. FOUND INTERMITTANT OPI  
VERIFIED CONCERN PERFORMED DIESEL DIAG DTC P0122 N/R. ACCEL PEDAL. RETESTED CONCERN CONNECTED  
ENGINE PERFORMANCE NOS FINAL QUICKTEST NOSR. INJECTOR TEST ICP LOW IDLE DRANK CASE PRESS. CYLINDER CONTR. EXHAUST RESTRICT BOOST PRESS. FUEL CONTAMIN INTAKE RESTRICT FUEL PRE  
VEHICLE WILL NOT ACCELERATE. FOUND THROTTLE SENS. OR FAILED. REPLACED PEDAL ASSY AND ROAD TEST.

AP SWITCH MALFUNCTIONING. PERFORMED 8808 DIAG. NO CODES. PERFORMED IDLE TEST. PERFORMED PID DATA DISPLAY. TEST DROVE WHILE MONITORING  
VERIFY CHECK ENGINE LIGHT ON VEH HAS CODES FOR PRESS AND OVERBOOST CODE P1211 AND HIGH ICP F. PRESSURE VEH HAS AFTERMARKET PCM AND MISSING GROUND STRA RAP AND PLASTIC COVER IN  
WDS TEST. CHECK PID DATA. HOOK UP WDS AND MONITOR ROAD TEST CONTACT HOTLINE. PERFORM PIN POINT TESTS. CHECK PCM WARS88 TEST AND FOUND ADJUSTABLE THROTTLE PEDAL FALLTY. R AN  
CK ENGINE LIGHT ON ENGINE PERFORMANCE DIAGNOSTIC 7.3L DI TURBO ENGINE DIAG

1988 RAN PERFORMANCE DIAG 1 TO 14 HAD CODE P0221 REPLACE ACCEL PEDAL ASSY. CLEAR CODES & ROAD TEST OK  
 REPLACED ACCELERATOR CABLE. ROAD TEST WDS HOOK UP PERFORM STEPS 1 & 2003 DI PERFORMANCE DIAGNOSIS SHEET RETRIEVE DTC P0221 PERFORM PINPOINT TESTS P1 P2 REPLACE ACCELERATOR  
 TROUBLE AND RPM SENSOR  
 OK ENGINE FOR NO POWER VERIFY RUN PERFORMANCE DIAG 2003 IF ENGINE HAS A INTER T.P. FAULT RAR PEDAL ASSEMBLY & REPLACE T.P. DI LABOR 2003 IF  
 2004 CONNECT M88 QUICK TEST WDS OC P0221 DCL DISPLAY TEST PINPOINT TEST RAS AND TP ASSEMBLY ORDERED ACC PEDAL ASSEMBLY 8981 REPLACE ADJUSTABLE ACC PEDAL ASSEMBLY. CLEAR CO  
 2000 42 INSPECT FOR CUSTOMER COMPLAINT. CHECK IDEO ON DEMAND AND FLOOR CODE P0221 ACCEL PEDAL. USING PINPOINT TEST CHECK SYSTEM ALL WIRES AND CONNCTIONS PASSED. REPLACE  
 1 PERFORMED DIESEL DIAG WORKSHEET PER ATTACHED CODE P0221 MONITORED PDS ALL OK PERFORMED PINPOINT TEST FOLLO THE  
 ACCELERATOR PEDAL SWITCH SHORTED INTERNALLY REPLACED A P SWITCH TEST DROVE OK  
 ESC TEST REPLACE GAS PEDAL ASSY  
 RUN WDS DIAG. FOUND CODE. P0221. PINPOINT TEST. FOUND ACCEL PEDAL ASSY NOT WORKING PROPERLY  
 RUN TEST 1 & RAR TP ASSEMBLY UNIT HAS ADJUSTABLE PEDALS ROAD TEST AND CLEAR MEMORY  
 PERFORMED DIAG SHEET REPLACED ACCEL PEDAL  
 PERFORM DIAG TESTS REPLACE PEDAL ASSY  
 NOS TEST 2003 P1 P1X1 PASS P2 PASS P3 PASS P7 PASS P8 PASS P12 PASS. PINPOINT TEST SHOWS INTERMITTANT SHORT ON ACCEL PEDAL REPLACE PEDAL ROAD TESTED OK  
 SYSTEM CHECK AND PIN POINT DIAG FOUND THROTTLE POSITION SENSOR BAD REPLACE T POSITION SENSOR AND ROAD TEST  
 0000 DIESEL ENGINE DIAGNOSIS REPLACED ACCELERATOR PEDAL SENSOR  
 ROAD TESTING WDS DIAG NO CODES ROAD TEST W WDS FUEL PRESS TESTING DIAG & REPLACE ACCEL PEDAL ASSY ROAD TEST OK  
 PERFORMED ESC SYSTEM TEST. REPLACED GAS PEDAL ASSEMBLY  
 PEDAL ASSEMBLY REPLACE ACC PEDAL ASSEMBLY INOP  
 THROTTLE PEDAL ASSEMBLY VERIFIED COMPLAINT. CHECKED DTC P0221. TROUBLESHOOT AND FOUND THROTTLE PEDAL ASSEMBLY BAD. REPLACED PEDAL ASSEMBLY  
 2007 PERFORM PERFORMANCE SHEET AND CODE P0446 IN MIRA TEST FOR CALIBR PID MONITOR AS INSTRUCTED IN PINPOINT TEST OF P0221. REPLACE THE PEDAL ASSY CLEAR CODE AND RETEST.  
 8 VEHICLE TO VERIFY CUSTOMER COMPLAINT. NOTED CHK ENG LITE IS ON. BROUGHT INTO SHOP AND HOOKED UP TO WDS. RETRIEVED CODE P0221. PERFORMED PIN POINT TEST AND FOUND VEHICLE REC  
 PERFORM DIAG SHEET CODES FOR TP SENSOR OUT OF RANGE AND HIGH. REPLACED GAS PEDAL ASSEMBLY OK NO W  
 NO RESPONSE FROM TPB IN PEDAL CODE P0221 PERFORM ESC TEST AND ALL OTHER TESTS NECESSARY. REPLACE PEDAL ASSY. ADDITIONAL TIME TO R R FROM 8TH LMT.  
 FAULT CODE P0221 NEED TO REPLACE ELECTRONIC THROTTLE CONTROL ASSEMBLY & RETEST REPLACED ELECTRONIC THROTTLE & ROAD TEST WITH CUSTOMER CLEAR CODES & RETEST PASS  
 ESC TESTS NOBD P1111 NOBD P0221 NOBD P1111 DCL PID MONITOR NO TESTS REPLACE AP ASSEMBLY DUE TO INTERMITTANT FAULT RETEST DRIVE UNABLE TO REDUPLICATE CONCERN BASIC IF  
 43 ROAD TEST CHD. ESC SYSTEM DO REPORT TESTS REPLACED ACCEL PEDAL AND RETEST AND ROAD TEST OK  
 TEST DROVE ENGINE DEFAULT TO IDLE INTERMITTANTLY NOS TEST NO CODES FURTHER DIAG FINDS FAULTY IDLE VARIATION SWITCH TPB ASSY  
 HINTATED ON TAKE OFF ESC (CLICK TEST) DIAGNOSIS  
 42 ESC (CLICK TEST) DIAGNOSIS  
 . CONFIRMED CONCERN PERFORMED DIESEL DIAG 1 14. FOUND ACCEL PEDAL OPEN CIRCUIT. INSTALLED NEW PEDAL ASSEMBLY. ROAD TEST NORMAL.  
 FOUND CODE P 0122 ACCEL PEDAL FAULTY OPEN CIRCUIT AND NO ONE IN THE VALLEY HAS PART NEEDS TO BE S.O.P. CAR TEST DRIVE TO VERIFY 5 TO 6 MILES AND CUTS OUT 3 TIMES AND NO ACCEL RESPON  
 DIESEL DIAG STEPS 1 14 CONTINUOUS MEMORY CODE P0221 PINPOINT TEST P01 2 3 4 DIRECTED BY PPT TO REPLACE ACCELERATOR PEDAL ASSY RETEST ROADTEST CONCERN OF STALLING NOT VERIFIED  
 750 0706 TIME TO CK FUEL OIL CK AIR BLOWST RESTRICTION OK TIME TO RUN NOBD NOBD DCL P0221 RAN PINPOINT TE ST P01 P02 REPLACE PEDAL ASSY ERATIC ER TEST RAG D TEST P1 111  
 TEST DROVE TO VERIFY AT TIMES WOULD NOT ACCELERATE RAN 892 PERFORMANCE TEST 1 8A 9 14 8C CODE 8221 PERFORM TEST P1 P2 REPLACED ACC. PEDAL ASSY RECHECK OK  
 CHECKED 2SP SENSOR OK ESC TEST NO CODES SENSOR WORKS INTERMITTENTLY REPLACED ACCELERATOR PEDAL ASSEMBLY TIME NO BLTS  
 ROAD TESTED VERIFIED 2ND TESTED MONITORED PDS IUS NOT SWITCHING BS ROADSD ACCEL PEDAL OUT OF NEW TRUCK INSTALLED AND ROAD TESTED CLEARED CODES AND COMPLETED INJECTOR C  
 0 ESC (CLICK TEST) DIAGNOSIS REPLACED ACCEL PEDAL ASSY  
 1988 INTERMITTANT OPEN IN ACCEL PEDAL SENSOR 26 8988 NOTE DIAG FOR LINE A II AND C PERFORM LINE 4 THOUGH 14 DI TURBO PERP. SHEET KOCM P0221 ALL OTHER PARAMETERS NORMAL PERP. I  
 CHECK FOR NO RESPONSE FROM ACCELERATION NOS DIAG CODE P0122 PID MON  
 CHECK AND REPLACED ACCELERATOR PEDAL ASSY AND CLEARED CODES. INTERMITTANT MALFUNCTION IN AP SENSOR ROAD TEST CHECK OASIS WDS HOOK UP PERFORM STEPS 1 & 2003 F SERIES PERFC  
 1 DIAGNOSIS DEFECTIVE PEDAL SENSOR ASSY REPLACE RETEST OK OASIS  
 CHECK ENGINE LIGHT ON ESC (CLICK TEST) DIAGNOSIS FOUND ACCEL PEDAL DROPS SIGNAL REPLACED ACCEL PEDAL AND 2ND ASSY RETEST OK  
 2AD PEDAL ASSY  
 APP SENSOR CAUSE OF NO POWER 2003 P17 2003 ROAD TEST VEHICLE VERIFIED CONCERN INTERMITTENT NO POWER PERFORM DIESEL PERFORMANCE DIAG VISUAL INSPECTION OK  
 VERIFY CHECK GAINS PERFORM DT PERFORMANCE DIAG VISUAL CHECK B OK NOBD TEST PASS NOBD TEST P0221 NOBD INJ TEST PASS CHECK  
 VERIFY CONCERN PERFORM WDS ESC SELF TEST CODE P0126 87C PERFORM PPT FOUND 87C SENSOR BAD DISCONNECT PEDAL ADJUSTER CABLE REMOVE PEDAL ASSY INSTALL NEW PEDAL ASSY REIN  
 AP SWITCH 1988 DIAG 1 & PERFORME PINPOINT TEST ON AP SWITCH IN SWITCH TEST DRIVE OK  
 2003 TP SENSOR IS W ROAD TEST VEHICLE LOCKS ACCEL SIGNAL. PERFORM NOS DELUSET HAS CODES P0126 P0221 FOR TP SENSOR PERFORM PINPOINT TEST MONITOR PDS REPLACE ADJUSTABLE P  
 SENSOR INOP ENGINE PERFORMANCE DIAGNOSTIC 7.5 DI TURBO ENGINE DIAG  
 INTERMITTANT AP INJ CIRCUIT FAILURE NOBD PAIN NOBD P0126 NOBD P0221 NOBD P0126 NOBD P0221 NOBD P0126 NOBD P0221 NOBD P0126 NOBD P0221 NOBD P0126 NOBD P0221 NOBD P0126 NOBD P0221  
 CHECK NO POWER ON ACCEL. RUN ENGINE PERFORMANCE DIAGNOSTIC CODE P0221 PINPOINT TEST WITH PID MONITOR ON ROAD TEST CONCERN CODE: 822  
 AS PER COMPLAINT INSPECTED VEHICLE FOR COMPLAINT OF CR LITE. INSTALLED WDS AND RETRIEVED DTC P0221. PERFORMED PINPOINT TEST AND CONFIRMED A MAL FUNCTIONING ACCELERATOR PEDAL.  
 1220 VERIFIED CUST CONCERN. PERFORMED 8900 TEST RECOVER DTC FOR T P OUT OF SELF TEST RANGE. PERFORMED NOS MONITOR AND RECORDS. PERFORM D PINPOINT TEST. FOUND INTERMITTANT OPEN  
 VERIFIED CONCERN PERFORM DIESEL DIAG DTC P0221 RAR ACCEL PEDAL RETESTED CONCERN CORRECTED  
 ENGINE PERFORMANCE NOBD FINAL QUICKTEST NOBD INJECTOR TEST ICP LOW IDLE CRANKCASE PRESS CYLINDER CENTER EQUALIST RESTRICT BOOST PRESS FUEL CONTAIN INTAKE RESTRICT FUEL PRE  
 VEHICLE WILL NOT ACCELERATE. FOUND THROTTLE 2ND CR FAILED. REPLACED PEDAL ASSY AND ROAD TEST.

ROAD TEST, RETRIEVE CODES PASS KOEO PASS KOER ON DEMAND PASS MONITOR PDS TP OUT OF RANGE AT TRMEL PIN POINT TEST.

DOES NOT OPERATE PROPERLY KEY ON ENGINE OFF KOEO CHECK TEST  
PASS ACCELERATOR PEDAL INTERMITTENT TEST DRIVE AND VERIFY CONCERN. PERFORMED DIESEL DIAGNOSIS SHEET STEPS 1-7. RECEIVED CODE P0221 FOR AP SIGNAL INTERMITTENT. PERFORMED PDP  
1 PERFORM NOB TEST CODE P0221 PIN POINT TEST DIAG AND REPL ACCELERATOR ASBY  
PERFORMED KOEO CONT TEST CODE P070 PINPOINT TEST #1 PERFORMED KOER SWITCH TEST CODE P0221 ENTER PDS TEST #8 READS ON RE 7 DISCONNECT #8 CONNECTOR #8 READS OFF REMOVE  
INSPECTED VEHICLE FOR CHECK ENGINE LIGHT COMING AND NOT HAVING ANY ACCELERATION USED NOB FOR CHECKING DTG FOUND CONTINUOUS DTG P0221 USED PINPOINT TEST GC18 GC14 GC16 MTR  
CHECK CODES FOUND CODE FOR BAD TP SENSOR P0221 REPLACE TP SENSOR ROAD TESTED RECHECK CODES CLEAR 1  
PERFORM ISC TEST FOUND BAD ACCELERATOR PEDAL REPLACED PEDAL AND RECHECK  
VERIFY RAN ENGINE PERFORMANCE 1 THRU 7 CODE P 0221 PINPOINT TEST GC18 GC16 REPLACED ACC PEDAL ASSEMBLY CLEARED CODES AND TEST DRIVE OK  
RAN ISC TEST AND RETRIEVED CODE P0221 MADE PIN POINT TESTS AND FOUND ERATIC OPERATION OF #8 SWITCH. REPLACED THROTTLE PEDAL ASSEMBLY RETEST AND TEST DRIVE ALL OK  
DIESEL DIAG. PINPOINT TEST REPLACE ACCELERATOR PEDAL ASBY AND RETEST.

OK ACCELERATION RAN TEST CODES REPLACED TP  
RAN DIESEL DIAG SHEET P1111 TO P1112 DIESEL SHEET FOR NUMBERS PINPOINT DIAG AS PER H MANUAL REPLACE PEDAL ASSEMBLY AND RETEST P1111 TO P1112 NOB P1111 CYLINDER BALANCE TEST P1111  
PERFORM DIAGNOSIS AND REPLACE THROTTLE PEDAL

TRUCK WOULD NOT RUN HAD TO REPLACE THROTTLE PEDAL  
PEDAL ASBY SHORT TO GROUND REPLACED PEDAL ASBY TO CORRECT THE PROBLEM  
NOB VERIFY CONCERN RAN CONT KOEO INJ DIEZ KOER AND OVL CONT TESTS CODE P0221 FOLLOW PINPOINT STEPS TO BAD ACCELERATOR PEDAL REPLACE ACCELERATOR PEDAL CLEAR CODES RETEST  
CHECK IDLE PROBLEM FOUND PEDAL ASSEMBLY NOT WORKING PROPERLY RER AND REPLACED PEDAL ASSEMBLY TEST DRIVE  
RER DIAG MSC TO REPLACE ACCEL PEDAL ASBY.

REPLACE PEDAL ASSEMBLY REQUEST WTIME NO LABOR OF  
1714 FROM VEAR ROAD TEST MIL LIGHT ON AND LOSS OF PEDAL RESPONSE NOB SELF TEST 1 FAULTY IN SYSTEM P0221 PINPOINT TEST ON AP CIRCUIT FOUND LOSS OF 50 RTH 0.05V ON HARD DECEL TRACE C  
HARNESS RUBBED THROUGH ON HYDRO BOOST LINE PERFORMED DIESEL DIAGNOSIS 1-14 CODE P0221 PINPOINT TESTED REPAIRED HARNESS INSTALLED WIELD CLEARED CODES RETESTED OK  
ROAD TESTED VERIFY CONCERN TESTED ISC KOEO PASS CONT. P0221 KOER PASS CHECKED PID MONITOR DATA PERFORMED NOB REPLACED THROTTLE PEDAL ASBY. CLEARED CODES ROAD TESTED MET  
CONDITION CODE 4# ISC (CLICK TEST) DIAGNOSIS EXTRA TIME TO REPEAT FINAL CLICK TEST PIN POINT TEST DIAGNOSIS REPLACED LEFT FRONT AND RIGHT FRONT POWER DOOR LOCK ACTUAT

ACCELERATOR PEDAL STICKING RAN ON NOB RETRIEVED CODES FOUND ACCELERATOR PEDAL STICKING RECEIVED AN  
ISC TEST NO CODES CHECK CASE FOR SYMPTOMS CALL HOTLINE (800) 283-9048 CHECK FOR CHAINED WIRING AND REPLACE ACCELERATOR PEDAL ASSEMBLY  
NOB TESTS. TP RANG RER. BIT NO PEDAL RESPONSE. RPLC ADJUSTABLE THROTTLE PEDAL ASBY. CLEARED CODES TESTS OK  
BAD ACCEL ASM JUMPS OFF IDLE REPLACE ACCEL ASM

DIAG REPLACE GAS PEDAL ASSEMBLY  
FAILED THROTTLE CK WITH NOB TESTER AP SWITCH FAILED REPLACED AP SWITCH AND ROAD TEST OK  
RER PERFORM R Y AND VAR/C C 1 TEST RAN CASES AND PERFORM SEN 18412 AND CALL HOT LINE TALK TO MIKE 2528015 CASE # AND RECHECK WIRING FROM GAS PEDAL TO PCM ALL LOOK OK AND NOT C  
PERFORMED ENGINE PERFORMANCE DIAGNOSIS AND RECEIVED CODE P0221. PERFORMED PIN POINT TEST. FOUND ACCELERATOR PEDAL

NOB TEST CODE P0221 PINPOINT TEST GC18 ROAD TEST MONITORING NOB FOUND PEDAL TP OUT OF RANGE REPLACE PEDAL ASBY CLEAR CODES ROAD TEST OK  
OIL EMERGENCY BREAKDOWN TOWING INVOICE MF R AND R SWITCH

ROAD TEST VERIFY NO REPORT FROM ACCELERATION REPLACE PEDAL ASSEMBLY RETEST OK  
RAN ON NOB GOT CODE FOR THROTTLE POSITION SENSOR BAD. RER TPS ASBY.

1676 RUN A ENGINE PERFORMANCE OHT AND FOUND CODE P0221 NEEDS A THROTTLE PEDAL ASBY NO PARTS ORDER PARTS 441 48...REMOVED IDLE VALVE SWITCH FROM THE TRUCK AND FROM A  
RAN PERFORM DMS 1 14 ON WIRESET RETRIEVED CONT CODE P0221 RAN PINPOINT AND PID MONITOR INTERMITTANT NO SIGNAL NECESSARY TO REPLACE PEDAL ASSEMBLY

ISC CHECK PINPOINT TEST RER THROTTLE POSITION SENSOR CODE P0221  
OK ENGINE LIGHT CAME ON DIAGNOSIS CODES P0221 RER ACCCEL PEDAL ASBY  
7000 ACCEL PEDAL ASSEMBLY BAD. 12800 D31 D45 ACCEL PEDAL OR M TIME 1.3 DIAG ON ENGINE LIGHT. FOUND CODE P0221 IN KOEO CONTINUOUS. PERFORMED PINPOINT DIAG. REPLACED ACCEL PEDAL

ERATIC OPERATION OF SENSOR TEST SYSTEM REPLACED SENSOR RETEST SYSTEM  
DOES NOT OPERATE PROPERLY ISC (CLICK TEST) DIAGNOSIS

VERIFY CONCERN DIAGNOSED TRANS FOUND CODE P0221 CHECKED SYSTEM FOUND PEDAL ASSEMBLY SHORTED NEEDED WTIME TO REPLACE PEDAL ASBY DUE TO NO LABOR OF AVAILBLE  
RER ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG

RUN CODES FOUND P0221 RUN PINPOINT TEST. REPLACED ACCELERATOR PEDAL. CLEARED CODES. ROAD TESTED ALL OK  
PINPOINT TEST DIAG VERIFY CONCERN HOOK UP NOB CLEAR AND RETRIEVE PROBLEM RER. PER PINPOINT TEST DID NOT REPAIR FOUND THROTTLE PEDAL STICKING RER.  
REPLACE PEDAL ASBY

REPLACE THROTTLE PEDAL ASBY.  
MONITOR PDS RAN PINPOINT TESTS W NOB THROTTLE POSITION SENS OR NOT OPERATING PROPERLY REPLACE PEDAL ASBY

OK FOR VEH STALLING ON ACCEL FROM STOP; RAN DIESEL DIAG. PINPOINT CODE P0221; REPLACED PEDAL ASSEMBLY; RECHECK OK.  
ROAD TEST AND RUN TEST WITH WDS. CODES P0221 THROTTLE SWITCH CIRCUIT. PERFORMANCE PINPOINT TEST GC18 TO GC16 REPLACE ELECTRONIC THROTTLE CONTROL PEDAL ASSEMBLY AND CLEAR  
8778 THROTTLE POSITION SENSOR W DIESEL PERFORMANCE DIAGNOSTICS VISUAL ENGINE INSPECTION OK SUPPLEMENT CLEAN FUEL PRESENT ENGINE OIL LEVEL OK INTAKE RESTRICTION 3 FOR KOEO TEST  
INSPECTED AT TRMEL JUST FOR A SECOND HAD NO THROTTLE. RAN DIAG SHEET 1-14. PASSED. MONITOR PDS AP SENSOR AT PART THROTTLE WOULD GO TO 0 THEN BACK AGAIN. FURTHER DIAG FOUND AP 5

21677 FAULTY ACCELERATOR PEDAL PERFORM DIESEL DIAGNOSIS P0221 FOUND ACCCEL PEDAL ASSEMBLY FAULTY REPLACE PEDAL RETEST  
33099 DIAGNOSIS TRANS ERATIC SHIFTS (CLICK TESTED KOEO P0701 PINPOINT FOUND ERATIC TP SIGNAL REPLACED ACCEL PEDAL ASBY RETESTED OK

17024 WF 00 1 88 19635 42 RAN CLICK TEST FOUND CODE P0221. REPLACED GAS PEDAL. CLEARED CODES. TEST DRIVE OK.  
REPLACE ACCELERATOR PEDAL ASBY

PERFORM SELF TEST CODE P0128 PERFORM PINPOINT TEST FOUND ACCEL PEDAL POSITION SENSOR FAULTY. REPLACE SENSOR ROADTEST OK  
RAN NOB TEST ACCELERATOR PEDAL SENSOR LOW INPUT RAN PMPY TEST REPLACED THROTTLE PEDAL RETEST

INTERMITTANT OPERATION PERFORMED DIESEL PERFORMANCE SHEET M TIME TO REPLACE THROTTLE PEDAL  
 TEST DROVE VERIFIED CONCERN TRUCK DO NOT RESPOND TO ACCELERATOR PEDAL. RAN DIAG RAN PINPOINT TEST REPLACED PEDAL ASSY HAD ADJUSTABLE RETEST TRUCK RESPONDING  
 INSPECTED FOR INTERMITTANT UNRESPONSIVE ACCELERATOR PEDAL. PERFORMED KOSO PASS. RETRIEVE MEMORY CODE P0221. GC 18 MONITOR WITH NOS. GC 18BIC ON FUELING FAULTY AP. REPLACED P  
 CHECK AND REPLACED PEDAL ASSY  
 THE CHECKED FOR CODES AND FOUND P0201 PINPOINT TEST AND REPLACED GAS PEDAL. P0201 P0208 P0209  
 ROAD TEST FOUND NO POWER STEP ON GAS PEDAL NO ACCELERATION NOS TEST FOUND CODES P0208 P0221 P1211 PERFORMANCE FELL. PRESSURE AT THE LEFT HEAD FUEL. PRESSURE AT RIGHT HEAD ISL  
 1494 42 CK OUT FOLDS INTERMITTANT CK 89888 LIGHT ON AND WOULD NOT ACCEL. RAN ODBIC. PERFORMANCE TEST FOUND SPURIOUS OPERATION ACCEL. PEDAL. REPLACED PEDAL ASSY RETEST ALL C  
 CHECK CODES P0221 REPLACE ACCELERATOR PEDAL  
 NO LIGHT ON RAN DIL DIAG TEST ALL OK ROAD TEST LIGHT CAME ON AND NO POWER. RETURN DIL DIAG TEST FOUND CODE P1212 REPLACE PEDAL ASSY. CLEAR CODES RETURN ALL OK ROAD TEST AL AI  
 2898 FUEL PEDAL ASSEMBLY AS WE VERIFY CONCERN AND RUN PERF DIAG TEST 8095P 14. HAD MEMORY CODE P0221. RUN PINPOINT TEST AND LED TO INOP FUEL PEDAL. REMOVE AND RIS TALL KER  
 PERFORMANCE DIAG. PINPOINT TEST. P0221 ACCELERATOR PEDAL. FAILS. REPLACED ACCELERATOR PEDAL ASSEMBLY. RECHECKED. OK NOW.  
 1897 8988 ENGINE PERFORMANCE DIAG. TO VERIFY CONCERN OF LOSS OF POWER UNDER TELS. JOSO 2009P1 P0138 P1212 FIRM CLACK TEST 8095PUS1 TR.1 INJECTOR CONTROL PRESSURE 1400 PASS 8095P  
 NOS RAN SEC TEST RAN KEY ON TEST CODE P0208 RAN CYLINDER COMBUSTION TEST RAN BOOST TEST RAN FUEL. P02 IN BOTH HEADS RAN FUEL. PUMP P02 TEST RAN LOW. IDEL TEST RAN INJECTOR ELECT  
 1096 PERFORMANCE WHILE DRIVING DIAG. CODE P0208 ALL OTHER TEST PASS. ROLIND ACCEL. PEDAL. INTERNAL FAILURE. REPLACED ACCELERATOR PEDAL ASSEMBLY. RETEST AND RETEST. M TIME WRE  
 1 RAN PERFORMANCE DIAG CODE P0208 P0208 PIN POINT TEST REPLACED ACCELERATOR PEDAL ASSEMBLY REPLACED 89P SENSOR  
 2898 PERF DIAG FOR CODES P0208 P0221 P1128 ORDERED INCLUDING PINPOINT TEST AND MONITOR P0208 8095P 2 P1.1 P1.1 PE.1 PE.1 P0.1 P3.1 P4.1 2898 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
 844 SEC TESTS ON WOL. FOUND IDLE VALIDATION SWITCH CODE RAN PINPOINT TESTS USING DATALOGGER MONITOR. NBS PW WOULD NOT RESPOND TO PEDAL MOVEMENT. REPLACED PEDAL ASSEMBLY M  
 PEDAL ASSY ENRATIC OPERATION SEC (QUICK TEST) DIAGNOSIS  
 PERFORM SEC TEST FOUND CODE P0208 RAN PINPOINT TEST DO P021 CLACK TEST REPLACE ACCELERATOR PEDAL ASSEMBLY  
 SEC TEST RETRIEVED OTC P021 PINPOINT TEST. REPLACED PEDAL ASSEMBLY RETEST OK  
 PERFORMED ALL PERFORMANCE DIAGNOSTICS AND ONLY FOUND THE THROTTLE POSITION SENSOR OUT OF RANGE. PERFORMED PINPOINT OPEN OR INTERMITTENT OPEN IN THROTTLE POSITION SENSOR SIDE  
 WCP ENGINE PERFORMANCE DIAGNOSTIC 7.3 DI TURBO ENGINE DIAG  
 WTS PERFORM PERFORMANCE DIAG SHEET STEP 1 VALUE OK STEP 2 CLEAN FUEL. CK STEP 3 CK OIL. CK STEP 4 INTAKE RESTRICTION NONE STEP 5 KOSO NO CODES. STEP 6 RETRIEVE CONTINUOUS CODES  
 M TIME ABNORMAL. DIAGNOSIS TIME OF INTERMITTENT FAULT.  
 SEC TEST PINPOINT TEST DCL DISPLAY TEST RECODER/MONITOR TEST SIMULATION TEST REPROGRAMMING PCM REPLACED ACCEL PEDAL ASSY. REPAIR TWO WIRE/BAND DASH FOR ACCEL PEDAL. IF  
 SPIN ORDERED THROTTLE PEDAL ASSY REPLACED THROTTLE/DAHS FOR 3 MILES UNABLE TO DUPLICATE CUST CONCERN TO ACCESS WIGGLE TEST HARNESS ROAD TEST OVER ROUGH ROAD TEST UNABLE  
 REPLACED AP SENSOR  
 ENGINE PERFORMANCE DIAGNOSTIC 7.3 DI TURBO ENGINE DIAG  
 COLE 8988 D08 42 8988 PERFORM SEC TEST PIN POINT TEST MONITOR TEST REPLACE ACCEL PEDAL ASSY CODE P0201 QUALITY CHECK BY CE.  
 AP SENSOR GOING OPEN INTERMITTENTLY REPLACE AP SENSOR PEDAL ASSY.  
 OPEN SENSOR CUSTOMER TRAVELING SEC (QUICK TEST) DIAGNOSIS  
 DIAG VERIFY PROB SEC CHECK BYE NO CODES MONITOR FUEL IDLE VALIDATION SWITCH NOT OPERATING INTERMITTENTLY CHECK DASH CALL HOTLINE HOTLINE SAC CHECK HARNESS HARNESS APPIARS OK I  
 1 CHECK CODES RECORDED P0221 PERFORMED PINPOINT TEST CALLED HOT LINE REPORTED PROBLEM FOUND AP SENSOR BAD REMOVED PEDAL FROM NEW TRUCK AND INSTALLED IN CUSTOMER TRUCK REAS  
 SEC TEST CODE P021. OPEN CIRCUIT AT ACCEL PEDAL SENSOR. SENSOR ENGINE LIGHT ON AND NO POWER. REPLACE ACCEL PEDAL ASSY ROAD TEST OK  
 TP SENSOR HOOK UP TO NBS PERFORM DIESEL ENGINE TESTS NO CODES IN SYSTEM ROAD TEST WITH NBS AND MONITOR P0208 FOUND TP  
 AP PEDAL. DIAG T 8 FLASH CODE P021 IN ACCEL. PEDAL.  
 ENGINE WONT RETURN TO IDLE ON ACCELERATION. CK ALL WIRING FROM ACCELERATION. OK. ACCELERATOR POSITION SENSOR OPEN. REPLACE PEDAL ASSEMBLY.  
 PERFORM SEC TEST NBS TO REPLACE ACCELERATOR PEDAL.  
 CHECK FOR CODES CONTINUOUS 021 DEMAND PASSES DROPPED PEDAL ASSEMBLY REPLACED AND RECHECK NO CODES OK  
 VERIFY PULLED CODES PINPOINT TEST ACCELERATOR PEDAL CIRCUIT FOUND INTERMITTANT OPEN IN AP SENSOR REPLACED SENSOR RETEST OK  
 PEDAL ASSY FAILURE TIME NEEDED TO REMOVE AND REPLACE PEDAL ASSY. NO APPLICABLE LABOR OPERATION  
 NBS SCAM PINPOINT TEST IN PEDAL ASSY. 1  
 INSTALL NEW PEDAL WITH SENSOR  
 COMPUTER TESTED REPLACED GAS PEDAL ASSEMBLY  
 PERFORMED SEC DIAG PINPOINT TEST FOUND ACCEL PEDAL NOT OPERATING PROPE  
 DIAGNOSED AND REPLACED THE PEDAL ASSEMBLY. 42  
 1 WBS TESTED. KOSO P0132 P0221. REPLACED FOOT PEDAL. TP SENSOR SHORTED. RETEST ADJUST PEDALS.  
 PEDAL ASSY. MALFUNCTIONS. REPLACE ADJUSTABLE GAS PEDAL ASSY.  
 PERFORMED DIESEL DIAG WORKSHEET ALL TEST PASS TO KOSO CODE P0208 MONITORED P0208 FOUND THE TP INTERMITT OPEN PERFORMED  
 REPLACED ACCELERATOR PEDAL ASSY  
 JMOED PASS CONT P0132 KOSO PASS PINPOINT NBS DCL. DISPLAY AND ROAD TEST MONITOR P0208 ACCEL PEDAL WONT COME OFF IDLE. M TIME TO REPLACE ACCEL PEDAL. OPEN CIRCUIT. RETEST AND ROAD  
 0888 CONCERN 18418 CHECK WIRING AND REPAIR GRAY WHITE WIRE AT LEFT OF FRONT SHOCK TOWER AND SECURE REPLACED ACCEL PEDAL  
 PERFORMANCE WHILE DRIVING DIAG KOSO P0132 P0221 KOSO P1111 NOSER P1111 ALL OTHER TEST PASS PINPO. INT REPLACED ACCELERATOR PEDAL ASSY REPROGRAMME 3 PCM ROAD TEST AND RETEST b  
 SEC TEST PINPOINT TEST WIGGLE TESTED WIRING REPLACED THROTTLE PEDAL ASSEMBLY RETEST AND ROAD TEST  
 38 PULLED THE ACCELERATOR OUT OF TRUCK RAN PERFORMANCE SHEET PULLED CODE P0208 THEN REPLACED THE ACCELERATOR AND RETEST DROVE ALL IN FINE.  
 CONNECTED TO WOL FOUND THROTTLE PEDAL INOP. REPLACED THROTTLE PEDAL FOR REPAIR. TESTED ALL OK.  
 PEDAL SENSOR OPEN AND INJECTOR HARNESS SHORTED. 7.3 DI PERF DIAG STEPS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
 VERIFIED CONCERN TESTED HARNESS FOR OPEN MONITORED PEDAL ASSEMBLY FOUND BAD PEDAL ASSY REPLACED ASSY RECHECKED GOOD AT THE TIME  
 FOUND INT OPEN IN PEDAL ASSY. WHEN PIN POINT TEST P021 CODE P021 RETRIEVED. CHECK DASH. THROTTLE PEDAL ASSY FAULTY. RFLC BLEC ADJUST ACCEL PEDAL.  
 CONSOLE/LEASH PULLED UNDER DASH ACCELERATOR PEDAL BOUNDED LEASHING. REPLACED PEDAL ASSY  
 728 CK ENGINE LIGHT COMES ON WARR DIESEL DIAG 1 & CODE 021 REMOVE PCM TEST OKTS REPLACE THROTTLE PEDAL ASSY BRACE CODE NO TEST & RETEST HAD DAVE F RO TEST ALSO AFTER REPA



NOISE TESTED PINPOINT TESTED WIRING OK CONNECTIONS OK REPLACED PEDAL ASSEMBLY CLEARED CODE

1804 PERFORM DIAGNOSTIC REPAIR

SELF TEST W/ REPROGRAM GOT CODE P0221 RUN PINPOINT TEST REPAIR ACCEL PEDAL ASSEMBLY RETEST P. 1080

ESC TEST ROAD TEST MONITOR TEST PINPOINT TEST CODE P0221 WIRING SHORTED AT STEERING COLUMN SHAFT AND MOUNT AREA DAMP REPAIRED CIR 477 SHORTED RETEST PEDAL SENSOR ERRATIC IN

PERFORMANCE TEST MONITOR PIDS REPLACED PEDAL ASSEMBLY

PERFORMANCE DIAGNOSTICS. REPLACED ACCELERATOR PEDAL ASSEMBLY

ENGINE PERFORMANCE DIAGNOSTICS. REPLACED ACCELERATOR PEDAL

1804 ACCELERATOR PEDAL TEST DRIVE TO VERIFY THE CONCERN CONFIRMED. NOISE TEST TO DIAGNOSE. PULLED THE CODES FOUND P0122 AND P0221 ACCELERATOR PEDAL NO WORK PROPERLY. PART

ON ACCELERATOR PEDAL DEFECTIVE SHOP. RAN PERFORMANCE SHEET DIAGNOSED THE ACCEL. PEDAL TO BE DEFECTIVE THEN REPLACED THE PEDAL ASSEMBLY AND ADJUSTED THE HIGH TEST DRIVE. C/G

OK LOSS OF POWER STAYS AT IDLE. PERFORM QUICK TEST. NO OUT OF LIMIT REPLACE SWITCH RETEST. DUE TO PART BEING ON BACK ORDER. SO FORD AGREED TO PAY FOR

1804 41 VERIFY CUSTOMER CONCERN. PERFORM DRIBEL. PERFORM ANCE DIAGNOSTIC SHEET STEP 1 TO 8 USING. NOISE PERFORM CODE P0221. RETRIEVED CLEAR CONTRACTIONS CODES. P0221 PERFORM P

1804 28 ESC TEST RETRIEVED CODE P0221. PINPOINT ELECTRICAL OPEN CIRCUIT IN PEDAL TP. REPLACED PEDAL ASSEMBLY ADJUSTABLE. FINAL CU

NOISE TO INSPECT AND PERFORM QUICK TESTS. FOUND CODE P0221 INTERMITTANT OPEN IN THE PEDAL ASSEMBLY. NEEDED TO REPLACE PEDAL ASSEMBLY AND RETEST. OK NOW

TEST NOISE FULLY CODE P0221. PIN POINT TEST. REPLACER PEDALS. A FUEL. RETEST OK P1111. ROAD TEST OK. MTSRPM. REPLACE PEDAL.

ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

CHK ENG. LIGHT ON AND WILL ONLY IDLE AT TIMES. RAN PART OF PERFORM SHEET DTC P0221 TP RANGE. PERFORM USED FORD MANUAL. PIN TEST FOR CODES IN PIP READ ON NO GO TO P22 IV8 SWITCH ON BETWEEN

TEST NOISE ET REPLACER PEDALS GAS ASSEMBLY

PERFORM ESC TEST. ROAD TEST. INSPECT WIRING & CO. NN AT ACCELERATOR PEDAL. OK. PINPOINT MONITOR AP #1. V8 PID WHILE MOVING PEDAL. V8 INTERMITTENTLY. RJA. DS OFF WITH PEDAL. DEPRESSED. IN

SCP. PERFORMED PINPOINT TESTING. FAULT ACCELERATOR PEDAL ASSEMBLY REMOVED AND REPLACED ACCELERATOR PEDAL ASSEMBLY. CLEARED

REPLACED ACCELERATOR PEDAL ASSEMBLY.

ROAD TEST FOR NO THROTTLE RESPONSE AT TIMES. CHECK ENG LIGHT CAME ON. CHECKED CODES AND FOUND P0221. REPLACED AP ASSEMBLY. ROAD TEST. REPROGRAM BRAIN. RD TEST OK.

GAS PEDAL ASSEMBLY. ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

TEST OUT FOR NO PEDAL RESPONSE AFTER COAST. FAULTY CODE P0221. MONITOR. V8 AND AP WITH NOISE. FOUND FAULTY V8. ORDERED AP ASSEMBLY. WAS ON BACK. ORDER. SUBMITTED LINE DOWN. RCDU

RAN ESC POUN TP LOW INPUT. RUN PINPOINT. FOUND FAILED TP SENSOR AND ACCEL. PEDAL ASSEMBLY. REPLACED BOTH AND RETEST ALL OK.

TRANS DIAG. DATA SHEET. ESC TEST. QUICK TEST. REPAIR TEST. REPLACE INLINE FILTER ASSEMBLY. REPLACE TRANS ASSEMBLY AND ACCELERATOR PEDALS. USED FORD WDS VOR TO PIN POINT PROBLEM TO TORQU

1. REPLACED ACCELERATOR CABLE ASSEMBLY.

DIAG CODE P0221. PINPOINT AND REPLACED AP SWITCH SET UP AND MONITORED PIDS ON TEST DRIVE. TRUCK HAS FULL BOOST.

PERFORM ENGINE PERFORMANCE DIAGNOSTICS. REPLACED ACCEL PEDAL ASSEMBLY

13042 43 OK OUT FOUND ENGINE WOULD NOT ACCEL. AT TIMES. RAN DRIBEL. PERFORMANCE TEST. FOUND ERRATIC OPERATOR. ACCEL. PEDAL. REPLACED PEDAL. RETEST ALL OK. 3

CHECKED FOR CODES WITH NOISE CODE P0221. PERFORMED PINPOINT TEST. DCH. QCULT. TEST. FAILED. INSTALLED ACCELERATOR PEDAL ASSEMBLY. CLEARED CODES AND TEST DRIVE TO VERIFY REPAIR.

THROTTLE POSITION SENSOR SHOP. ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

WIRING ASSEMBLY. REPAIR

FUEL PEDAL ASSEMBLY. BAD. ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

SCAM TEST NO CODES. PIN POINT TEST. REPLACE AP ASSEMBLY

WDS SETUP AND TEST. CODES PASS. CONTRACTIONS. PINPOINT TEST. DCL. MONITOR. RD TEST. R & R ASSEMBLY. RETEST. REPROGRAM PCM

13421 APP SW HOOK UP WDS AND PERFORM USER TEST. AND RETRIEVE DTCs. P0221. P0222. P0223. P0224. P1211. P1212. P1213. DISPLAY AND MONITOR PID DATA AND APP SW STAYS AT IDLE BUT GOES TO 80 PERCENT. NESC

OC 28. 1804. NOISE SETUP AND ESC TEST. P0221 IN CONT. MEMORY. ESC PINPOINT TEST. DCL. DISPLAY. ROAD TEST. MONITOR AND RECORD. V8 SENSOR VOLTAGE DROPPING OUT OF RANGE. TV. REPLACED AC

PEDAL ASSEMBLY. ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

2804 ROAD TEST. ESC TEST. P0221. MONITOR AND RECORD TP. DCL. DISPLAY. PINPOINT TEST. FOUND FAILED TP. REPAIR. ACED. ROAD TEST OK.

518 THROTTLE SHOP. WARR. CHECKED OUT THROTTLE. PEDAL. SHOTED. RAR. PEDAL ASSEMBLY. RETESTED. OK.

PEDAL. ENGINE PERFORMANCE DIAGNOSTICS. 7.3L DI TURBO ENGINE. DIAG

VERIFIED CONCERN. CHECK ENGINE ON AND NO ACCEL. RUN ENGINE PERFORMANCE TEST 1 & 2 AND 3. MONITOR ACCEL. PEDAL. SENSOR WITH PIDS ON. NOISE FOUND INTERMITTENTLY. CAUSE CHECK ENGINE LIGHT

CHECK ENGINE LIGHT ON. DIAGNOSED ESC SYSTEM CODE P0221. PINPOINT TEST. REPLACED ACCEL. PEDAL. FOR SENSOR. RETESTED. OK.

SCAN TEST CODE P0221. CHECK PIDS. PERFORM PINPOINT TEST. DIAG. ACCEL. PEDAL ASSEMBLY. REPLACE ACCEL. PEDAL ASSEMBLY. CLEAR CODE AND RETEST. OK. NO PUBLISHED TIME FOR PART REPLACEMENT

DIAGNOSED WDS TEST. PIN POINT TEST. REPLACED DEFECTIVE THROTTLE PEDAL ASSEMBLY. NO PUBLISHED TIME TO REPLACE THROTTLE PEDAL ASSEMBLY IN SCLTS

FAILED AP SENSOR. PIN POINT TEST. DIAGNOSIS

ENGINE PERFORMANCE DIAGNOSTICS. REPLACED ACCELERATOR PEDAL

VERIFY CONCERN. ML LIGHT ON. NOISE P0221. FOLLOW PINPOINT STEPS. P01. P02. RE

ESC (QUICK TEST). DIAGNOSIS

DIAGNOSE AND REPLACE ACCELERATOR PEDAL ASSEMBLY.

DIAG. ESC TEST. R & R. PEDAL ASSEMBLY. TESTS OK.

RCP. MT. DRIBEL. DIAGNOSIS. PIN POINT TEST. REPLACE GAS PEDAL SENSOR ASSEMBLY

ACCELERATOR PEDAL. OPEN CIRCUIT. 1804. DIAG. 1 & 2. FLASH CODE. P0221. OPEN CIRCUIT. AP. RAR. ACCELERATOR PEDAL.

7048. FUEL PEDAL ASSEMBLY. 1804. 43. M. TIME. 8.8. VERIFY. IDLE. AT. TIMES. ONLY. PERFORM. DRIBEL. PERFORM. DIAG. ESC. CONT. CODE. P0221. FOLLOW. PPT. OK. CALLY. RCH. LINE. NO. OTHER. CONFIRMED. PROBLEMS. MONITOR.

1804. IDLE. VALIDATION. SWITCH. RAN. QUICK. TEST. FOR. CIR. DTD. P0221. V8. OUT. OF. RANGE. FOLLOWED. PPT. FOR. TRPL. P02. LEAD. TO. REPLACING. GAS. PEDAL. V8. ASSEMBLY. R & R. V8. ASSEMBLY. CLEARED. CODES. AND. ROAD.

AP. SENSOR. OUT. OF. RANGE. PERFORMANCE. TESTS. ALL. OK. MONITORED. AP. PID. RAR. AP. SENSOR. RETEST.

2084. ACCELERATION. POSITION. SENSOR. RAN. PERFORMANCE. DIAGNOSTIC. TESTS. 1. TO. 14. RETRIEVED. CODE. P0122. IN. MEMORY. FOUND. ACCL. POSITION. SENSOR. JUMPING. FROM. 5.0VOLTS. TO. 8.0VOLTS. REPLACE.

SELF. TEST. PIN. POINT. TEST. CHECK. FUEL. PRESSURE. REPLACE. THROTTLE. PEDAL. ASSEMBLY.

INSPECTED. WITH. HOOD. UP. NOISE. ON. DEMAND. P0221. PINPOINT. TEST. CIRCUIT. TEST. REPLACED. TP. AND. RETESTED. AND. TEST. DRIVE.

DIAGNOSE. WDS. HAS. CODE. P0221. PIN. POINT. TEST. REPLACE. PEDAL. ASSEMBLY. RETEST. CLEAR. CODES. ROAD. TEST.

PEDAL ASSEMBLY EBC (CLICK TEST) DIAGNOSIS EXTRA TIME TO REPEAT FINAL CLICK TEST. PIN POINT TEST PEDAL ASSEMBLY NOT WORKING CORRECTLY. PART ON DRG. PURCHASED PART FROM CHECK AND REPLACE THROTTLE PEDAL ASSEMBLY AND OPERATION REPLACE PEDAL ASSEMBLY CONFIRMED CONCERN RAN NGS TEST AND TESTED TP RA NGE SENSOR INOP. R R PEDAL ASSEMBLY AND TP SENSOR R. TESTED GOOD

FAULTY PEDAL SENSOR ASSEMBLY ENGINE PERFORMANCE DIAGNOSTICS 7.3 DI TURBO ENGINE DIAG 1 VERIFIED CONCERN OF CHECK ENGINE LIGHT ON. PERFORMED DRIVE TESTS FOUND CODE P0221. REPLACE AP SENSOR AND RECK OK. REPLACE PEDAL AND SENSOR ASSEMBLY CLEARED DTC RETEST OK ROAD TEST OK

1970 41 VERIFY CUSTOMER CONCERN PERFORM DIESEL PERFORMANCE SHEET STEP 1 TO 8 AND FULL CODE P0221 PERFORM PINPOINT TEST AND FOUND TP SENSOR INOP AT TIMES. REPLACED ACCELERATOR PERFORMANCE TEST STEPS 1 2 3 4 5 9 PINPOINT TEST P0122 REPL THROTTLE PEDAL SENSOR ASSEMBLY PERFORMED ENGINE DIAGNOSTICS. REPLACED FAULTY PEDAL ASSEMBLY.

1 ENG PERFORMANCE DIAG VISUAL INSP FUEL OIL LEVEL INTAKE REST RESTRICTION PASS KOED PASS CONTINUOUS CODES P0221 KOED INJ BLE 1877 PERFORMANCE WHILE DRIVING DIAG KOED KOED INJECTOR ELECTRICAL TEST CYLINDER CONTRIBUTION ICP TESTS CRANKCASE PRESSURE TEST BOOST TEST EXHAUST FUEL PUMP AND INTAKE I PERFORMED PERFORMANCE DIAG PERFORMED PINPOINT TEST REPLACED ACCELERATOR PEDAL MONITORED PIDS TEST OK FUEL DDI PERFORMANCE DIAG 8488ET 1 THRU 14 PINPOINT ACCELERATOR PEDAL BAD REPLACED 887 ACCELERATOR PEDAL ASSEMBLY 800P P1 3 5 14 18 18 1X1 DRESS PERFORMANCE DIAG. PINPOINT TEST FOR ACCELERATOR PEDAL ASSEMBLY WITH ADJUSTABLE PEDALS. RETEST. ENGINE PERFORMANCE DIAG REPLACED ACCELERATOR PEDAL E

EBC TEST DUAL PINPOINT TEST DOL MONITOR OF BYST NEEDED TO REPL ACCEL PEDAL FOR OUT OF RANGE INT. CK WIRING NG8 AND MONITOR PID FOUND NG8 VOLTAGE INTERM INSPECTED HARNESS OK REPLACED PEDAL ASSEMBLY AND RETEST OK CHECKED CUSTOMER CONCERN VERIFIED TESTED THE SYSTEM FOUND THE PEDAL ASSEMBLY INOPERATIVE REMOVED AND REPLACED THE PEDAL ASSEMBLY. REINSTALLED ALL PARTS RETESTED THE SYSTEM FOUND CHECK RUN KOED AND KOED. PERFORMED BLUZ TEST PASSED CHECK PID BAD THROTTLE POSITION SENSOR RIR AND RETEST CHECKS GOOD PEDAL MALFUNCTIONING. PERFORMED KOED NO CODES PERFORMED BLUZ TEST PERFORMED KOED. PERFORMED ICP INLET RESTRICTION EXHAUST RESTRICTION CC 28 MPH 8700 PERFORM DIESEL DIAGNOSIS PER DIESEL WORKSHEET REPLACE TP SENSOR RETEST OK.

1 INSTALLED BOP ON RAN NGS. CLEARED DTCs. P0221. INSTALLED ACCELERATOR PEDAL ASSEMBLY. ROAD TESTED RAN CLICK TEST. P0221 EBC TEST REPL ACCEL PEDAL ASSEMBLY

CHICK CODES P0221 P0221 FOUND ACC PEDAL POSN SENSOR AT FAULT. REPLACED APP RETEST ALL PIDS TEST DRIVE ALL OK NOW RAN PERFORMANCE TEST CODES 0221 AP ASSEMBLY FAULTY. INSTALL NEW THROTTLE PEDAL. CLEAR CODES & ROAD TEST.

W06 SELF TEST REPLACE APP SENSOR DRBN ROAD TEST EBC TEST CODE P0221 PINPOINT TEST DIESEL ENGINE PERFORMANCE TESTS PER ATTACHED SHEET. REPLACE AP SENSOR AND PEDAL ASSEMBLY REPLACE PEDAL AND SENSOR ASSEMBLY

TEST WITH W06 CODE P0221 REPLACED THROTTLE PEDAL ASSEMBLY DUE TO BAD T.P. SENSOR DIAGNOSE CODE P0221. PINPOINT TEST NECESSARY TO ROAD CHECK AND MONITOR NG8 FOUND INT OPEN. REPLACE ACCELERATOR PEDAL. RETEST PASS TEST AND REPLACE PEDAL AND SENSOR ASSEMBLY

RAN EBC TESTS ON W06. P0138 AP CIRCUIT OPEN. RAN PINPOINT TESTS USING DATALOGGER MONITOR. FOUND PEDAL ASSEMBLY OPEN REPLACED PEDAL ASSEMBLY. CLEARED CODE AND RETESTED. PASS. REPLACE ACCELERATOR PEDAL AND SENSOR REMOVE FROM STOCK UNIT TO PIN CUSTOMERS CAR

PERFORMED ENGINE PERFORMANCE DIAG 1 8 REPLACED ACCELERATOR PEDAL ASSEMBLY FOR KOED KOED P0221 TEST. DROVE VEHICLE NO OTHER PROBLEMS FOUND. 2187 48 ENDP WARR ROAD TEST. MIL OFF. W06 SET UP. EBC TEST CODE P1111 KOED N. G KOED P1111 NG8 REC MON ROAD TEST FUEL PRESS TEST LEFT AND RIGHT HEAD PINPOINT TEST. REPL ACCEL. DIAGNOSE AND REPLACE PEDAL.

INSPECT FOR NO ACCEL. EBC TEST CODE P0221 MONITOR FOR PIDS OK PINPOINT TEST PPT LEADS TO PCM THAT HAS BEEN REPL. REPLACED PEDAL ASSEMBLY (TP SENSOR) CLEARED CODES AND ROAD 1 ENGINE PERFORMANCE DIAGNOSTICS 7.3 DI TURBO ENGINE DIAG REPLACED ADJUSTABLE ACCELERATION PEDAL ASSEMBLY DEFECTIVE ACCEL PEDAL ASSEMBLY. PERFORMED DIESEL DIAG AND REPLACED ACCEL PEDAL ASSEMBLY. CLEARED CODES. ROAD TEST. RETEST PASS.

VERIFIED CONCERN PERFORMED W06 SELF TEST. RETRIEVED CODE P0221. PERFORMED PINPOINT TEST FOUND CHAPPED WIRE AT LEFT FRONT SHOCK TOWER. REPAIRED WIRE PROBLEM STILL THERE. MC TEST DROVE VEHICLE FOR CONCERN CHECKED FOR CODES CODE P0221 THROTTLE PEDAL. PERFORMED PINPOINT TEST. RAN PIDS ON THROTTLE PEDAL PINPOINT TEST ADVISED TO REPLACE PEDAL ASSEMBLY PERFORMED EBC TEST CODE P0221 IS PRESENT. PID MONITOR DISPLAY AND RECORD INDICATE A REPLACED PEDAL AND RETESTED. PASSED. ERASED CODE.

VERIFY EBC TESTED PINPOINT TESTS FOUND NS SWITCH OUT OF RANGE. REPLACED ACCELERATOR PEDAL ASSEMBLY. ROAD TEST RETEST OK

7.3 DI PERFORMANCE DIAG PINPOINT & REPLACE PEDAL ASSEMBLY RETEST OK

FAULTY THROTTLE TP SENSOR NECESSARY TO REPLACE PEDAL ASSEMBLY. INSTALLED NEW THROTTLE PEDAL ASSEMBLY. ROAD TEST AND RE CHECK NORMAL OPERATION AT THIS TIME DIT TEST CODE 0881 TP SENSOR INTERMITTENT CONCERN ROOT CAUSE SEEMS TO BE INTERNAL TO NS SENSOR ASS. SHALY RE RE ASSEMBLY TIGHTEN CONNECTOR PIN AND RETEST OK SYSTEMS PASS

STAR TEST P0221 PMPY TEST 0013 00 KOED PASS. CHECK AP PID FOR DR. YES. RACE ACCELERATOR PEDAL. CLEAR CODE. TEST DRIVE OKAY.

1824 PEDAL ASSEMBLY TEST DROVE OK RAN NGS HAD CODE P0221 PERFORMED PINPOINT TESTS MONITORED PIDS REPLACED ACCEL PEDAL ASSEMBLY RE CH. OK ACCEL MODULE AND PEDAL ASSEMBLY PMS 8700 CODE DROVE VEHICLE VERIFIED CONCERN. ACCEL PEDAL INOP. USED NGS PAM ON DEMAND SWITCH SELFTEST. DTCs INDICATED THAT THE DIAGNOSED AND REPLACED ACCELERATOR PEDAL.

REPLACE ACCEL PEDAL POSITION SENSOR

1 CHECK AND REPLACED BROKEN ACCELERATOR PEDAL 1

AP SENSOR INTERMITTANT NGS DIAG P0221 KOED P01 KOED P111 KOED. REPLACED THE AP SENSOR & INSTALL W06 AND PERFORM DIAGNOSTICS CODES P0221 P0221 TRACE AND REPLACE IDLE VALIDATION SWITCH AND ACCELERATION SWITCH REPLACE BOTH COMPONENTS AS GAS PEDAL. UNIT RETEST AND CUST STATES PUSH ON ACCEL DOES NO CHECK AND REPL ELECTRIC THROTTLE PEDAL ASSEMBLY RE ROAD CHECK CHECK PO

CEL ON EBC TEST CODE P0122 ACCELERATOR MONITOR TEST PINPOINT TEST COMPONENT TEST OPEN CIRCUIT AP SENSOR REPLACED SENSOR RETEST.

EBC TESTED REPLACED ACCEL PEDAL ASSEMBLY. W06 NO BLTS

DI PERFORMANCE DIAG CHECK COOLANT CLEAN FUEL OIL LEVEL INTAKE RESTRICTION KOED PASS CONTINUOUS DTC P0122 KOED INJECTOR BLUZ TEST FUEL PRESSURE RIGHT HEAD LEFT HEAD FUEL PL ACCEL PEDAL ASSEMBLY CODE P0221 PERFORM W06 PMS TEST DOL DISPLAY DOL MONITOR REC REPLACE ACCEL PEDAL ASSEMBLY CLEAR CODES RETEST

1824 111 I BROUGHT THE VEHICLE INTO THE SHOP AND CHECKED OUT THE CODES IN THE PCM THEY ARE ALL TRANSMISSION RELATED SO I GOT OFF THE NO. 111 STAR TESTER INSTALLED AND RETRIEVE EBC OK AND PINPOINT TEST FOUND ACCELERATOR PEDAL ASSEMBLY OPEN CID AND NEEDED TO REPLACE THE ACCELERATOR PEDAL ASSEMBLY RECKD AND CLEAR DTCs

EBC TEST AP SENSOR NO SIGNAL PINPOINT TEST MONITOR PID DATA REPLACED ACCELERATOR PEDAL ASSEMBLY RETEST OK

NOS TEST MONITOR TEST PINPOINT TEST TERMINALS AND WIRING OK REPLACED ACCEL PEDAL ASSY CLEARED CODE RETEST  
 13910 SELF TEST WITH NOS CODE P0221 FOR NO RESPONSE FROM ETC TESTED AND REPLACED ETC CLEAR CODE RETEST ROAD TEST  
 13910 OPEN IN AP SWITCH NOS TEST P0122 & P0221 TP 58V8 PID MONITOR SHOWS AP VOLTS OK IDLE SWITCH NOT CHANGING STATES REPLACE ACCELERATOR PEDAL ASSY & RETEST OK  
 ROAD TEST RUN PERFORMANCE DIAG TESTS PULL OUT DIAG 08888 CODE P0221 IN MEMORY PINPOINT TEST & REPLACED TP SENSOR  
 42 K020 TEST P0122 CODE FOR ACCELERATOR PEDAL RUN PPT REPLACE ACCELERATOR PEDAL ROAD TEST OK ADJUSTABLE PEDAL  
 IDLE VALIDATION SWITCH OPEN SEC (QUICK TEST) DIAGNOSIS  
 DIAG FOR NO ACCEL WHEN PEDAL RELEASED THEN DEPRESSION PUMP DIESEL ENG PAA DEFECT FOR WIRE CHAPPING FROM THROTTLE TO PCM OK INSTALL BREAKOUT BOX TET CIRCUITS FROM ETC TO PCM  
 REPLACE GAS PEDAL ON VEHICLE  
 1 VERIFY CONCERN PERFORMED DIESEL DIAG WORKSHEET AND REPL FUEL PEDAL ASSY RETEST ROAD TEST OK NOW  
 TEST SYSTEM CODE P0221 MONITOR PID NO RESPONSE FROM ETC TESTED AND REPLACED ETC. D0 P0221 42  
 ROAD TEST TEST TESTED CODE 0221. MONITORED PID AND REPLACED THROTTLE ASSEMBLY. RETESTED AND CLEARED CODES  
 VERIFIED CONCERN CHECK FOR CODES REPLACED ACCELERATOR PEDAL ASSEMBLY RECHECK OK  
 1024 TRK LOSS THROTTLE RESPONSE INTERMITTENTLY TEST P0221 FOUND THROTTLE ASSY DEFECTIVE. REPL. ROAD TEST OK  
 OPEN IN PEDAL ASSY. 26 87999 MILES OUT 13941 RUN ENGINE PERFORMANCE DIAG. STEPS 1 14 ROAD TESTED TO DUPL. REPLACE PEDAL ASSY. RETESTED AND ROAD TESTED  
 0221 TIME TO CK FUEL OIL CK CK AIR EDHOUT RESTRICTIO N CK RAN K020 K02R DCL P0221 RAN PINPOINT TEST P01 P07 TIME TO REPLACE ACCEL PEDAL. CLEARD ALL CODES ROAD TEST RE TEST P1111 P02  
 TP SENSOR OPEN CIRCUIT IN SENSOR ESC (QUICK TEST) DIAGNOSIS  
 0221 CHECK OUT VERIFY CK ENG LITE COMING ON PERFORM 7.3L DI TURBO K02CPH12 PINPOINT TESTS PERFORM FUEL SYSTEM TESTS ALL FUEL TESTS PASS. PINPOINT TESTS FOUND TP SENSOR & OUT  
 VERIFIED CONCERN PERFORMED ESC TESTS FOUND CODE P0221 AP SIGNAL FAULT PERFORMED PID MONITOR FOUND AP SIGNAL REMOVED AND REPLACED ADJUSTABLE ACCELERATOR PEDAL ASSY RETEST  
 DIAG NO ENGINE ACCEL SWITCH PID AP N/B NO N/B OPERATION RAN K020 CODE P0221 TESTED ACCELERATOR N/B SWITCH INOP REMOVE AND REPLACED 87999 PEDAL ASSY CLEAR CODES AND ROAD TEST  
 1024 TECH 24 CHECK FOR CEL ON AND NO POWER INTERMITTANT PERFORM PERFORMANCE DIAG PERFORM PINPOINT TESTS PROBLEMS INTERMITTANT AND COULD NOT GET TO OCCUR AT FIRST FOUND P  
 DEFECTIVE PEDAL ASSY CC 42 ADDRESS CONCERN DIAG PERFORM DIESEL DIAG 1 14 REPLACE ACCELERATOR PEDAL ASSY  
 VERIFIED CONCERN NO RESPONSE TO ACCELERATE SEC SYSTEM DIAG AND PPT TEST DTC P0221 MONITOR PID NO SIGNAL OUT OF GAS PEDAL REPLACED PEDAL ASSY CLEAR CODES AND ROAD TEST OK  
 1 PERFORMED DIESEL DIAG WORKSHEET ALL TEST PASS TO K02R CODE P0221 MONITORED PID PASS PERFORMED PINPOINT TEST  
 13910 NOS TESTED PCM RECEIVED CODE 0221 PERFORM PINPOINT TEST 001 ON THROTTLE SWITCH PERFORMANCE. CHECK WREF HAVE 8 VOLTS CHECK AP GROUND FOUND GOOD. INDUCE OPPOSITE FAIL  
 TEST ENGINE CONTROL SYSTEM IN TIME TO REPLACE ACCEL PEDAL  
 CK BRCLIP TEST TO FAULTY PADDLE SWITCH/REPLACE AND RETEST OK PART D02  
 FAILED PEDAL ASSEMBLY CODE P0221 HOOKED UP NOS CODE P0221 REPLACED ACCELERATOR PEDAL ASSY. CLEARED CODES TEST DROVE PASS.  
 ROAD TEST & INSPECT FOR CONCERN. SEC TEST P-221 PULL UP PIDS ON BRK/CK. CIRCUITS TO N/B AP. REPLACE ACC. PEDAL ASSEMBLY. ROAD TEST. SEC TEST PASS CODES OK  
 DEFECT THROTTLE POSITION SENSOR ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
 DIAGNOSIS ESC CODE P0221 PINPOINT TEST. NECESSARY TO MONITOR AP N/B PID. FOUND N/B SWMATIC. NECESSARY TO REPLACE OPEN PEDAL ASSEMBLY RETEST PASS  
 730 SENSOR INOP PERFORMANCE DIAG START UP AND STEP 1 CODE P0221 REPLACE FUEL PEDAL ASSEMBLY CLEAR CODE AND RETEST PASS CODES ROAD TEST OK. CC 42 CP 87999  
 INOPERATIVE SERVICE BAY DIAGNOSTIC SYSTEM (SBS) START UP TEST  
 TESTED REPLACED THE ACCELERATOR PEDAL POSITION SENSOR OK WHEN RETESTED  
 CODES NOT OPERATE PROPERLY ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
 SEC IN DIAG PIN POINT TEST REPLACED FUEL PEDAL  
 DIAG AND OVERLAPED CIRCUIT AND ORDERED PEDAL ASSY AND REPLACED PEDAL ASSY  
 FROM DASH WHEN THE HAPPENS/ADVIS. DIESEL ENG PERFORMANCE DIAG K020 PASS K020 P0221 K02R PASS FOUND ACCELERATOR PEDAL TO BE INTERMITTENTLY FAULTY FOUND  
 X SEC (QUICK TEST) DIAGNOSIS  
 ROAD TEST TO VERIFY CONCERN NOS TEST MONITOR TEST. RETRIEVE CODES P0221 AND P021. WIGGLE PIN POINT TEST ORDER PARTS. REPLACE T P PEDAL ASSY. CLEAR CODES ROAD TEST AND RETEST  
 INSPECTED DIAG VERIFY NO THROTTLE RESPONSE REMOVE AND REPLACE THROTTLE PEDAL ASSEMBLY RECHECK OK.  
 FAILED AP SENSOR ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
 28801 NOS HOOK UP K02C CODE P0221 PINPOINT TESTS PER H MANUAL INTERMITTANT CONCERN WITH T.P. SENSOR AT ACCEL PEDAL WAS ABLE TO VERIFY ORDERED REPLACED ACCEL PEDAL ASSY. CLEA  
 REPLACE ACCEL PEDAL SENSOR  
 890 LIGHT ON ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG REPLACED PEDAL ASSY  
 RUN ENG PER PTEST REPAIR CODE P0221 REPLACE PEDAL ASSY CLEAR CODES RUN PINPOINT TESTS  
 ML OFFERED PARALLEL P0122 P021 (K02R P0221) CP 87999 CC 42 TEST ESC W/ H88/PASSED P0122 P0221 H02CPH12 (P0221) DCL DEPL AY(PASS) PINPOINT TESTS (PPT) PERFORM NOS MONITOR ROAD TR  
 TEST DROVE DIAG CONCERN CHECKED CODES WITH NOS P0221 MONITOR PID ACCELERATOR PEDAL SENSOR WAS OPEN R R PEDAL ASSEMBLY  
 890 VERIFY ML & LACK OF POWER PERFORM DIESEL PERFORMANCE DIAGNOSTICS PER FC 80 K020 K02R P0122 P0221 'AP N/B SWITCH CK IOP CK BOOST CK FUEL AIR EDHOUT SYSTEMS OK CK IDLE STAB  
 PCM QUICK TEST PIN POINT TEST FAULTY ACCELERATOR PEDAL POSITION SENSOR/REPLACE SENSOR AND PERFORM FINAL QUICK TEST  
 VERIFY ENG ONLY IDLE ENG PERFORMANCE DIAG 09 TO PINPOINT TEST APC 08 N/B AP CONNECTION OK REC TO PINPOINT TEST P01 MONITOR N/B PID REPLACE FALLY ACCEL PEDAL. K020 P0221 OK K020 + CON  
 VERIFIED TP SENSOR WORKING INTERMITTANTLY TEST DRIVE AND FOUND ACCEL PEDAL NOT WORKING REPLACED ACC PEDAL AND RECHECKED OK. CANNOT VERIFY ANY ABNORMAL NOISE.  
 DIAGNOSED FOUND PEDAL ASSY CAUSING CONCERN R AND R PEDAL ASSY RETEST OK  
 K020 0221 AP PID TEST ON 89V DISCONNECT PEDAL OFF R R PEDAL ASSEMBLY  
 1024 WP 03 26 87999 42 FOUND GAS PEDAL. STUCK/ON AT TIMER. REPLACED PEDAL. TEST DROVE OK  
 GAS PEDAL NOT RESPONDING CHECKED FOR CODES FOUND P021 PINPOINT TEST AND FOUND TP SENSOR OUT OF SPEC P01 TO P07. NT TIME TO REPLACE GAS

OPEN CIRCUIT TP SENSOR  
 MY NO SLD AFTER EXTENSIVE ROAD TEST FOUND AP VOLTAGE DROPS TO .17 VOLTS AND VEHICLE IDLES UNTIL ACCELERATOR PEDAL IS RELEASED. R & R ACCELERATOR PEDAL ASSEMBLY.  
 1 CHECKED FOR CODES WITH WDS HAD CODE P0221 FOR TP SENSOR TEST DROVE AND MONITORED SENSOR FOUND SENSOR

ESC SYSTEM TEST ROADTESTED AND MONITORED CHECKED REPLACED PEDAL ASSY  
 PERFORM ESC TEST USING NOS P0221 PID MONITOR FAIL REPLACED THROTTLE PEDAL DUE TO INTERMITTENT OPEN CIRCUIT RETEST PASSED

WDS DIAGNOSIS P0221 PRIORITY TESTS CC13 CC16 PID MONITOR REPLACE PEDAL ASSY. M TIME NO ILT CLEAR CODE & RETEST PASS  
27 4988 CODES P0201 P0221; KOEO TEST PASS; INJECTOR TEST PASS;  
MIL OFF/SOFCO PASH/DIESEL P0221 (NEVER PASH) PART ORDERED (ACCEL. PEDAL ASSY) TEST EEC W/ NO3/PASH/DIESEL P0221 (NEVER PASH) DCL. DISPLAY (PASS ) PRIORITY TEST (PPT) PERFORM NGS MONITOR R  
ROADTESTED VEHICLE VERIFIED CONCERN PERFORMED DIESEL DIAGNOSTIC SHEET FOR DRIVABILITY CONCERN P0221 ACCELERATOR PEDAL POSITIONER PRIORITY TEST FOUND BAD SENSOR IN PEDAL AS  
SEC (CLICK TEST) DIAGNOSIS POTENTIOMETER ASSEMBLY THROTTLE POSITION SENSOR (TP)  
PERFORMED ENGINE PERFORMANCE DIAG 1 1R REPLACED ACCELERATOR PEDAL ASSY FOR NO3/KOEO P0221. TEST T DRIVE VEHICLE NO OTHER PROBLEMS FOUND.  
EEC TEST P1123 RECORD AND MONITOR PDS PERFORM PRIORITY TEST REPLACE AP SENSOR RETEST AND ROADTRIT.  
TEST DRIVE TO VERIFY CONCERN. HOOKED UP NOS. RECEIVED CODE P0221. CONSULTED PDS. FOLLOWED APPROPRIATE PPT. DISCONNECT  
EEC TESTED RETRIEVED TROUBLE CODE P0221 RAN PRIORITY TEST FOUND PEDAL SENSOR ASSEMBLY BAD REPLACED ASSEMBLY. RAN FINAL CLICK TEST. ROAD TESTED OK.  
INSPECTED FOUND THROTTLE LINKAGE FAILURES REPLACED ASSEMBLY TESTED OPERATION NORMAL  
RAN PERFORMANCE PASSED ALL TESTS. ROAD TESTED FOR 15 MILES AND DUPLICATED CONCERN 1 TIME RAN DATA LINK TEST AT THIS TIME AND APP VOLTAGE STAYED AT 2.18 VOLTS REPLACED ACCEL  
PEDAL ASSEMBLY OPEN CIRCUIT DIESEL DIAG START UP. KOEO TEST P0221 PRIORITY CODE P0221. NGS MONITOR RD TEST TO WATCH IDLE VALIDATION SWITCH & TP SENSOR REPLACE PEDAL ASSEMBLY  
EEC TESTED NO FAULT CODES PDS TESTED FOUND AP SENSOR NOT WORKING INTERMITTENTLY. RAR AP SENSOR MT TIME DUE TO NO LABOR OR. AVAIL.  
INSPECTED DIAGNOSIS FOUND CODES P0226 PERFORMED PRIORITY TEST FOUND RESISTANCE AT TP ASSEMBLY REPLACED TP ASSEMBLY OPERATION NORMAL.  
CHECK ENG CODES CONT P0221, KOEO PASS, PRIORITY TEST, RD TEST W/ NOS AND MONITOR PDS. R. R. ACCEL. PEDAL ASSY.  
DPRN CODE EEC TESTED. KOEO P1111 CONT P0221 NGER P1111. PRIORITY TESTED. REPLACED ACCEL. PEDAL. RETESTED ALL PASSED.  
4988 ENGINE PERFORMANCE TESTS.  
EEC 4 TEST PERFORM PRIORITY TEST REPLACE TP SENSOR TEST DRIVE OK. RETEST OK  
10348 VERIFIED CONCERN WDS TEST P0221 TP (S) SWITCH PERFORMANCE TP SWITCH BAD REPLACED ACCEL. ERATOR PEDAL. W ADJUSTABLE PEDALS.  
PEDAL ASSEMBLY ENGINE PERFORMANCE DIAGNOSTIC 7.3L DI TURBO ENGINE DIAG  
PERFORM PRIORITY TEST REPL. EXCITER PDS RETEST ROAD TEST  
TECH 10348 PERFORMED 7.3L DI TURBO PERFORMANCE WHILE DRIVING DIAG SHEET FOUND TP SENSOR INOP REPLACED THE FOOT PEDAL ASSEMBLY WITH ADJUSTABLE PEDALS. QUALITY CHECKED PASS C  
ROAD TEST VEHICLE ONLY IDLES AT TIME LATE ANY ACCELERATOR POSITION. PERFORM DIESEL DIAG FOR ACCELERATOR PEDAL ASSEMBLY CLEAR CODES ROAD TEST.  
14182 ROAD TEST PERFORMANCE CHART STEPS 1-14 PRIORITY TEST REPLACED TP SENSOR OUT OF RANGE RETEST PASSED  
TECH 10348 PERFORMED 7.3L DI TURBO PERFORMANCE WHILE DRIVING DIAG SHEET PRIORITY TEST FOUND TP SENSOR IN THE FOOT PEDAL ASSEMBLY INTERMITTENT OPEN PART WAS DSE TOOK ONE OFF OF  
W/ NOS 42 CC M/O 5225 VERIFIED CONCERN NOS SELF TEST EEC SYSTEM CODE P0221 PID MONITOR ROADTEST FOUND AP SIGNAL CHANGING PRIORITY  
ACCELERATOR PEDAL IN THROTTLE SWITCH B CIRCUIT FAILURE PERFORM TESTS PER DIESEL ENGINE PERFORMANCE SHEET. DTC P0221 REPLACE ACCELERATOR PEDAL ASSY.  
RAN PERFORMANCE SHEET 1 8 A B 0 D 9 10 A B 11 14 FOUND CODE P0221 REPLACED ACCELERATOR PEDAL ASSY TEST DING OK 844. 1  
VERIFIED CONCERN PERFORMED DIESEL DIAG. FOUND FAULTY PEDAL AND SENSOR ASSY. REPLACED OK NOW  
THROTTLE PEDAL INOP ENGINE PERFORMANCE DIAGNOSTIC 7.3L DI TURBO ENGINE DIAG KOEO CHECK KOEO INJECTORS/ELECTRICAL SELF TEST KOEO CHECK INJECTION CONTROL PRESSURE TEST  
REPL. AP THROTTLE SWITCH ENGINE PERFORMANCE DIAGNOSTIC 7.3L DI TURBO ENGINE DIAG  
PCM AND THROTTLE BODY REPLACED  
RAN PART OF PERFORMANCE DIAG SHEET DTC P0221 THROTTLE SWITCH B CIRCUIT PERFORMANCE WENT TO PC ED MANUAL. DTC SENT TO PRIORITY REPL. ACCEL. PEDAL ASSY INTER OPEN  
ENG PERF DIAG PPT TEST REPL. PEDAL.  
VERIFY CONCERN EEC TEST KEY TESTS. FOUND THROTTLE PEDAL NOT WORKING. REPLACE THROTTLE PEDAL. VERIFY REPL. LR AUTH FOR ACD ON LINE. MT FOR NO LAB OPERATION FOR THROTTLE PEDAL  
TEST DRIVE DUPLICATED CONCERN KOEO PASS KOEO PASS KOEO PASS MONITOR PID DATA WHILE CYCLING APRMS AP RATIO NEEDS NEW EMERGENCY REPAIR FOR CUSTOMER. RAR PEDAL ASSY. RETEST  
SELFTEST PRIORITY TEST REPLACE PEDAL THROTTLE POSITION SENSOR RETEST OK  
12841 VERIFY CONCERN EEC TEST P0221 CONT PASS KOEO PASS KOEO CLEAR CODE MONITOR AS TEST DRIVE FROM STOP M8 GET STUCK ON IDLE RERUN PEDAL ASSY CLEAR CODE RETEST ROAD TEST OK  
REPLACE ACCELERATOR PEDAL ASSEMBLY  
IDLE VALIDATION SWITCH SHORTED ROAD TEST TO VERIFY CONCERN. NOS START UP NOS EEC TEST P0221 P0221. DCL. DISPLAY PRIORITY TEST DCL. REPLACE ACCEL. PEDAL ASSY  
FOUND VEHICLE NEEDING THROTTLE AND PEDAL ASSY. CBE TEST DCL. DISPLAY TEST ALL PASS MONITOR PID OK CK D. AND REPLACE THROTTLE AND PEDAL ASSEMBLY  
ENGINE PERFORMANCE TESTS. FOUND CODES P0221 P0121 PRIORITY TEST. DDS DDS. REPLACE BAD AP SENSOR  
34888 TP SENSOR 24 W CHECK VEHICLE FOR NO ACCEL. OWNER 268PH PERFORM NOS SELFTEST PASS MONITOR PDS FOR TP AND AP TP INOP REMOVE ACCEL. PEDALS FROM STOCK UNIT TO INSTALL ON TR  
EEC TEST P0221 P0121 PRIORITY TEST REPLACED ACCEL. PEDAL NO TIME IN ILTS  
M/O 7814 7.3L DI 47108 ALTD CO 38 CASUAL PART 2012 6788 DA ACCEL. PEDAL ASSY VERIFY CUST CONCERN PERFORM DIESEL PERFORMANCE DIAG SHT. PERFORM TESTS 1 THRU 5 TEST 3 FIND CODE P0122. AS PER F  
VERIFIED CONCERN HOOKED UP WDS AND PERFORMED SELF TESTS AND RETRIEVED DTCS FOR TP TOO HIGH. LOW. MONITORED DATALOGGER AND REPLACED TP ASSEMBLY 6788 AND CHECKED OPERATION  
ENDING EEC (CLICK TEST) DIAGNOSIS  
ENGINE WILL NOT RUN AT THIS TEST TIME (CLICK TEST) DIAGNOSIS  
NECESSARY TO REPLACE PEDAL ASSEMBLY & MAP SENSOR OK NOW  
AP SWITCH MALFUNCTIONING PERFORMED KOEO NO CODES. PERFORMED INTAKE AIR RESTRICTION/LIMIT. CONDITION ICF TEST PID DATA  
REPLACED THROTTLE ASSY. RETEST OK

18786 TECH 24 CHECK FOR CAUSE OF MIL LIGHT ON PERFORM M DIAG PERFORM PRIORITY TEST COULD NOT SET TO REOCCUR AT FIRST ROAD TEST LW IT AND MONITOR AND FINALLY DID REOCCUR THROTT  
TEST ENGINE CONTROL SYSTEM M TIME TO REPLACE ACCEL. PEDAL.  
CODE P0221 MONITOR PDS PERFORMED PPT TESTS REPL. ACCEL. ACCELERATOR PEDAL ASSEMBLY CLEARED CODE RETEST VEHICLE OPERATES PROPERLY  
22870 FAULTY ACCELERATOR PEDAL 888F.2P1.1P0N.1P2.1F7.2P1.4P1P12.1P11.2P12.2P13.1P14.1P15.2P17.2P18.2P19.3 2488F.4 VERIFIED CONCERN DIAG PID TEST P0221 PRIORITY TEST P01 P02 P03 AND RE  
7728 FAULTY ACCELERATOR PEDAL 888F.2P1.1P0N.1P2.1F7.2P1.4P1P12.1P11.2P12.2P13.1P14.1P15.2P17.2P18.2P19.3 2488F.4 VERIFIED CONCERN DIAG PID TEST CODES P0122 P0221 PRIORITY TEST CC 14  
PRIORITY AND REPLACED PEDAL ASSEMBLY DIAG NO CODES SET UP AND MONITORED PDS FOUND AP OUT OF SPEC REPLACED PEDAL ASSEMBLY AND RETESTED EVERYTHING ELSE OK  
MIL. ADTATION VERIFIED PERFORM STEPS 1-17 PERFORM DIAG CONT DTC P0221 VERM DCL. DISPLAY APPY AT THIS TIME ROADTEST W/ WDS DATLOGGER VEHICLE LOSS POWER TP INDICATES 6.1V INTERMITTANT  
CC-42 2034. 10388 M.O. VERIFIED CONCERN NOS DIAG. CODE P0221. PID MONITOR ROAD TEST FOUND AP VOLTAGE DROPPING OUT. PRIORITY TEST  
PERFORMED DIAGNOSTIC INSPECTION 10388 NOS TESTER CODE P0221 IN SYSTEM. PERFORMED PRIORITY ELECTRICAL

VERIFIED CONCERN RAN PARTIAL PERFORMANCE TEST CODE 0221 RAN PINPOINT TEST C015 C017 REPLACE ACCELERATOR PEDAL PER TEST C015 RETEST TEST DRIVE ALL PASS CODES.  
 CHECKED CODES ON NGS PERFORMED PINPOINT TEST CHECKED CHRS AND TSB MESSAGES CALLED HOTLINE CHECKED MESSAGE 16412 NO CHUFFING FOUND. REPLACED ADJUSTABLE PEDAL. OK AT THIS TI  
 1 RAN ALL DIESEL PERFORMANCE DIAGNOSTICS PINPOINT TEST REPLACED ACCEL PEDAL ASBY RETESTED OK  
 PERFORMED ENGINE DIAG TESTS AND REPLACED ACCEL PEDAL  
 DIAGNOSIS OF NO POWER ON ACCELERATION INTERMITTENTLY PERFORM SEC SELF TEST CODE P0221 PERFORM PINPOINT TESTS PERFORM NGS REORDER MONITOR ROAD TEST FOUND AP SENSOR TO  
 COULD NOT VERIFY CONCERN CODES P012E AND P0221 PINPOINT TEST INJECTOR SELF TEST OUTPUT BY ATE SELF TEST PINPOINT TEST REPLACE ACCELERATOR PEDAL ASSEMBLY CLEAR CODES OK  
 ACCELERATOR PEDAL DEFECTIVE  
 CHECK ENGINE LIGHT WAS ON RUN CLICK TEST RAN THRU PPT PE1 FOUND AND REPLACED ACCEL PEDAL INOP. RERUN CLICK TEST ALL P1111  
 RUN PERFORMANCE CHART ALL PRESSURES & FUEL FLOW IN SPEC. RPL BAD THROTTLE PEDAL ASBY TEST DRIVE RETEST SYSTEM ALL PASS CODES.  
 CHECK TRANSMISSION WILL NOT SHIFT ENGINE WILL NOT ACCELERATE DIESEL DIAG STEPS 1 14 SEC TEST CODE P0122 PINPOINT TESTS ACCELERATOR PEDAL ASSEMBLY FAULTY REPLACED PEDAL ASSEMBLY  
 REPLACED FUEL PEDAL ASBY  
 1 PERFORMED SEC TESTS CODES P0221 IN CONTINUOUS K08R P1801 WITH NO THROTTLE PEDAL MOVEMENT. REPLACED THROTTLE PEDAL ASSEMBLY  
 REPLACE ACCEL PEDAL ASBY  
 SEC TEST PINPOINT TEST CODE P0221. REPLACED FAULTY PEDAL ASBY. RETEST & ROAD TEST OK  
 SUSPECTED AND TRACED TO THROTTLE PEDAL. FAULTY. INSTALLED NEW PEDAL ASSEMBLY AND RETEST OK  
 ACCELERATOR PEDAL ASSEMBLY ADJUSTABLE REPLACE  
 10802 FAULTY ACCELERATOR PEDAL ASSEMBLY. REPLACE  
 TESTED REPLACED THE ACCELERATOR PEDAL ASSEMBLY. OK WHEN RETESTED  
 3089 PERFORM DIESEL DIAGS K080 P0221 PINPOINT TEST REPLACE ACCEL PEDAL ASBY RETEST ROAD TEST  
 TECH INSPECTED & FOUND THE PEDAL THROTTLE PEDAL FAULTY CAUSED ENGINE LIGHT & NO PEDAL RESPONSE REPLACED THE ACCELERATOR PEDAL IN TIME TO REPLACE PEDAL AND CLEAR CODES P0221  
 DIAG. FOUND ACCEL. PEDAL SENSOR REPLACE PEDAL ASBY AND RETEST  
 K080 PASS K08C P0221 K08R PASS SEC TESTS PINPOINT ROADTEST MONITOR APP PID AND R/S PID IN PID DROP OUT INTERMITTENTLY REPLACE AP SENSOR ASBY RETEST PASS  
 W080 4E ROAD TEST FOR CONCERN LAY TIMES THERE WAS NO RESPONSE WHEN TRYING TO ACCEL AND CHECK ENGINE LIGHT COMES ON. PERFORMED DIESEL DIAG FUEL PRESSURE TEST BOTH HEADS OK  
 EOC AND PINPOINT TESTS NGS DISPLAY REPLACED PEDAL AND SENSOR ASSEMBLY AND RETESTED  
 C0200 DIAG. REPLACED ACCEL PEDAL AND  
 ROADTEST TO VERIFY CONCERN SEC TEST FOUND CODE P0221. PERFORMED PINPOINT TEST FOR CODE. REPLACED FAULTY PEDAL AND SENSOR ASSEMBLY. CLEARED CODE AND RECHECKED. NOW OK.  
 SEC TEST P0221 REPLACED PEDAL ASBY. REPAIRED LOOSE PIN CONNECTOR UNDER DASH TO PEDAL ASBY.  
 0807 0C080 4E PERFORM K080 K08R AND DCL DIAG USING NGS RECEIVED CODE P0221 PERFORM PP TESTS REPLACED FAULTY ACCELERATOR PEDAL ASBY RETEST OK  
 RAN SEC TEST CODE P0221 DCL DISPLAY PID MONITOR ROAD TEST PINPOINT TEST AT TIME TO REPLACE PEDAL AND SENSOR ASSEMBLY RETEST PASSED TEST DRIVE PLANE NORMAL  
 OK ENGINE LIGHT ON VEH WILL NOT SEC (CLICK TEST) DIAGNOSIS  
 SEC TEST REPLACE ACCEL PEDAL SENSOR  
 PERFORM DI DIAG CODE P0221 PERFORM PINPOINT TEST OPEN CIRCUIT IN ACC PEDAL REPLACE ASB PEDAL AND CLEAR CODES  
 FOUND ACC PEDAL BAD. REPLACE CLEARED CODES TEST DRIVE AND RETEST.  
 TESTED SYSTEM FOUND BAD TP SENSOR ORDERED SENSOR. REPLACED SENSOR. RETESTED SYSTEM SYSTEM PASSED  
 VERIFY COMPLAINT OF NO THROTTLE RESPONSE FOLLOW PINPOINT TEST REPLACE THROTTLE PEDAL THIS IS A ADJUSTABLE PEDAL.  
 INSTALLED SOP PEDAL ASSEMBLY. RETESTED SEC V K080 PASSED K08C PASSED K08R PASSED. PERFORM NGS PERFORM NGS REORDER MONITOR ROAD TEST TO WATCH AP SIGNAL & IDLE VALIDATION SWITCH REPLACE PEDAL ASSEMBLY RETEST  
 INTERMITTENT OPEN CIRCUIT DIESEL DIAG START UP K080 TEST P0221 PINPOINT TEST CODE 221 NGS MONITOR TEST TO WATCH AP SIGNAL & IDLE VALIDATION SWITCH REPLACE PEDAL ASSEMBLY RETEST PASSED.  
 0875 TP SENSOR OUT OF RANGE AFTER A FEW MILES 0808P 0.2 PI 0.1 F001 0.1 P0 0.1 P0 TO P14 1.4 P10 0.8 P17 0.8 12000-45 0.8 DM 0.1 MLY 0.3 TOTAL 4.1 HRS SUFFICIENT CLEAN FUEL AND OIL LEVEL. OK INTAK  
 RAN SEC TEST OBTAIN CODES P0221 AND P1801. PINPOINTED AND REPLACED ACCEL PEDAL AND NGS SENSOR. CLEARED CODE AND RETEST PASSED.  
 ROAD TEST TO VERIFY FOUND BIT LOSS OF POWER ON ACCEL PERFORM TESTS 1 14 REPLACED ACCEL PEDAL ASBY RETESTED PASSED ROAD TESTED OK NOW  
 RAN SEC TESTS ON W08. P0221 AP SENSOR CODE. RAN PINPOINT TESTS USING DATALOGGER MONITOR. AP SENSOR INTERMITTENTLY OPEN. REPLACED PEDAL ASSEMBLY. CLEARED CODE AND RETESTED.  
 DIAG. FOR ENGINE LAMP ON AND REPLACED THE THROTTLE ACCEL PEDAL ASBY. RETEST & TEST DR  
 DIESEL ENGINE PERFORMANCE DIAGNOSIS P012E P012E FOUND ENTER INTERMITTENT FAILURE IN PEDAL ASBY. SEC TO REPLACE PEDAL ASBY. ROAD TEST OK. NOTE: VEHICLE HAS AFTERMARKET MODIFICATIONS AND  
 INSPECTED FOR THE CONCERN CHECKED FOR CODES PIN TESTED CHECKED FUEL PRESSURE HEAD PRESSURES CHECKED THE RUST AND RESTRICTIONS BUZZ TESTED CRANKCASE PRESSURE REPLACE

TP SENSOR SHORTED OPEN 7.8L DI 4X6 AUTO RAN PERFORMANCE DIAG 1 14 PINPOINT TEST CODE P0221 REPLACE FUEL PEDAL ASBY. CLEAR CODES RETEST ROAD TEST OK  
 NGS FOR CODE FOUND CODE P0221 MONITORED PEDAL FOUND TP INOP INSTALLED NEW AP ASSEMBLY MAKE CONNECTIONS AND CHECK OPERATION OF ADJUST PEDAL. STARTED CHECK ON PIDS OK TEST D  
 0808 CHECK OUT VERIFY WONT ACCEL AT THIS PERFORM 7.8L DI DIAGS N080 P1801 PINPOINT TESTS PERFORM FUEL SYSTEM TESTS ALL FUEL TEST PASS PINPOINT TESTING FOUND TP SENSOR B IN  
 TESTED FOUND CODE 221 REPLACED THROTTLE PEDAL ASSEMBLY ROAD TEST OK  
 THROTTLE PEDAL SHORTED SEC TEST RECEIVED CODE ROAD MONITOR TEST FUEL PRESSURE TEST RETEST REPLACED THROTTLE PEDAL. RETEST CLEAR ROAD TEST  
 ERRATIC OPERATION SEC (CLICK TEST) DIAGNOSIS . AT TIME TO REPL. PEDAL ASBY. COMPONENT #944.  
 IDLE VALIDATOR SWITCH SEC (CLICK TEST) DIAGNOSIS  
 DIAG AND RPL. 048 PEDAL ASBY  
 ACCEL. PEDAL ASBY. ENGINE PERFORMANCE DIAGNOSTICS 7.8L DI TURBO ENGINE 0840  
 14008 VERIFIED THE CONCERN ON TEST DRIVE. PERFORMED DIESEL DIAG SHEET STEPS 1 & 8. FOUND CODE P0221 FOR AP SENSOR B- MALFUNCTION. PERFORMED PINPOINT TEST PE1 AND RET. IT SAYS TO RI  
 ENGINE WOULD NOT ACCELERATE. PERFORMED SEC TEST K080 P1111 K08C PASS K08R P1111. PINPOINT TEST LEAD TO AP SWITCH. REPLACED ACCELERATOR CABLE.  
 INSPECTED FOR CONCERN RAN SEC TEST CODE P0221. MONITORED PID DATA. REPLACED ACCELERATOR PEDAL ASSEMBLY  
 2 PERFORM DIESEL DIAG STEPS 1 & 8 NO MK. ALL TESTS PASS ROAD TEST TO FMS ERRATIC SIG RTM FROM TP SENSOR REPLACE ACCEL PEDAL ASBY & RETEST & ROAD TEST WITH NGS TO MONITOR ENCH  
 1 NGS TESTED FOUND ACCEL PEDAL FAULTY. REPLACED ADJUSTABLE ACCEL PEDAL.  
 OPEN CIRCUIT SEC (CLICK TEST) DIAGNOSIS  
 THROTTLE PEDAL ASSEMBLY INOP SEC (CLICK TEST) DIAGNOSIS EXTRA TIME TO REPEAT FINAL CLICK TEST PINPOINT TEST REPLACE THROTTLE PEDAL ASSEMBLY  
 REMOVE AND REPLACE FAILED THROTTLE PEDAL ASBY

RAN ESC TESTS DID PINPOINT TESTS FOR CODES FOUND ACCEL PEDAL NOP REPLACED PEDAL ASSEMBLY RETESTED OK  
1988 FULLY ACCELERATOR PEDAL NOSP 2P1, 2P1X1, 2P2, 2P7, 2P9, 1P3, 2P19, 1P1, 2P12, 2P13, 1P14, 1P15, 2P17, 2P18, 2P22, 2P27, 4 VERIFIED CONCERN DIAG PID TEST CODES P0221 P0122 PIN POINT TEST PE1 P03  
ROAD TESTED W/4 ESC TESTED NOED PASS KOER PASS CONT 0122 PERFORM THROTTLE POSITION SENSOR DIAG REPLACED THROTTLE PEDAL  
OK FOR NO POWER DIESEL DIAGNOSTIC THROTTLE PEDAL RECHECK OK  
ESC TEST P0122 PINPOINT TEST REPLACE ACCEL PEDAL SENSOR OPEN REPLACE ASSEMBLY IN TIME NO OPERATION RETEST P1000  
REPLACE TR GAS PETAL SENSOR ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
RUN ENGINE PERFORMANCE TESTS INSPECT LINKAGE REPLACED PEDAL ASSEMBLY CLEARED CODES ROAD TEST  
NBR TEST NO CODES NBR NOED AND KOER INJECTOR SELF TEST NO CODES BOOST PRESSURE TEST W/1 2P21 2000RPM EXHAUST BACK PRESS 2W/1 CYC CONTRIBUTION PASS CHECKED FOR CLEAN SUFFICE  
8675 PWR DIAG PER BP VJ NBR TO REPL ACCEL PEDAL POS SENSOR ASY RECD WRONG PART NBR TO REORDER X WHEN ATTEMPT TO PERFORM SELF TEST FOUND NO COMLINE GAYTON WITH DLC INSPECTED I  
3384 28 W8844 PERFORMED TEST 1 14 FOUND DTC P0221 MONITOR AP FOUND 0% AT TIMES REPLACED PEDAL ASSEMBLY RETESTED OK AT THE TIME  
2 ROAD TESTED AND VERIFIED NO THROTTLE RESPONSE SELF TESTED AND CODE P0221 MEMORY CODE KOER PASSED FUEL PRESSURE CHECKED NBR ROAD TESTED REPLACED THE PEDAL AND ASSEMB  
ENG. PERFORM TEST 1 14 PIP TESTS QC18 PID ON CC 18 PID OFF REPLACE ACCEL PEDAL ASY.  
PERF DIAG AND FUEL TESTS P0221 MONITOR PID AND FOUND AP SENSOR OUT OF RANGE INTERMITTENTLY REPLACE AP SENSOR AND RETEST  
8444 (9028) CC 42 7.4L DI VERIFIED CONCERN. PERFORMED DIESEL PERFORMANCE DIAG. FOUND NORMAL. OIL LEVEL AND NO INTAKE RESTRICTION. FOUND COOK. P0221 IN CONTINUOUS CODES AND KOER. P0  
8806 TEST ELEC ACCELERATOR DOES NOT RESPOND AT TIMES REPLACE ACCEL AND SENSOR ASY  
THROTTLE INITIAL BREAK OUT BOX VOLTAGE INCREASED AND MATCHED NBR. ILLUSTRATE WIRING AT LEFT SHOCK TOWER AND UNDER DASH NEAR STEERING SHAFT. REPLACED ACCELERATOR PEDAL. A  
CODES OPEN CIRCUIT ESC DIAG P0221 PERFORM PID MONITOR RECORD NBR AP PINPOINT TEST LEADS TO REPLACE AP ASSEMBLY IN TIME NO OPS RETEST PASS  
VERIFIED CONCERN FOUND CODE 289 PINPOINT TEST AP SENSOR INTERNAL FAULT REPLACED AND RECHECKED OK  
8788 48 ROAD TEST FOR CONCERN AT TIMES ENGINE WOULD IDLE ONLY AND CHECK ENGINE LIGHT COMES ON AFTER A MINUTE OR SO TRUCK RUNS NORMAL. PERFORMED DIESEL DIAG CONT CODE P0221 R4  
DIAG HAD THROTTLE AT TEST TIME. ESC CHECK SYS CODE P0221 MONITOR AP VOLTAGE WHILE WIGGLE HARNESS OK AT THE TIME HOOK UP BREAK OUT BOX CHECK AP VOLTAGE AT PWR 88 TO 80 W/4 DRIVE  
DIESEL DIAGNOSIS DIAG SYSTEM WITH DIESEL DIAG AND REPLACE PART  
THROTTLE PEDAL. ESC (CLICK TEST) DIAGNOSIS  
CHECKED CONCERN PINPOINT TEST REPLACE THROTTLE PEDAL SENSOR RETEST  
W/4 STARTUP CODE P0122 PINPOINT TEST RFL ACCEL PEDAL ASY RETEST CLEAR CODE AND ROAD TEST.  
2848 ACCELERATOR PETAL BAD 8788 DIAGNOSIS DIESEL. UNRELIABILITY CONCERN CODE P0122 IN CONTINUOUS RAN PINPOINT TEST MONITORED PID REPLACED PETAL ASY. CLEARED CODES TEST DROVE A  
PEDAL ASY TESTED CHECKED SYSTEMS R/R REPLACED FAILED THROTTLE PEDAL ASY  
1 VERIFIED CONCERN AND PERFORMED DIAGNOSIS AND ESC TEST P0122 P0221  
ORDERED FOR CHECK ENGINE LIGHT ON CODE P021. REPLACE PEDAL AND RECHECK OK.  
RUN NBR TEST CODE P0122 TEST & REPLACE ACCELERATOR PEDAL ASY.  
BLOWN FUSE. PEDAL ASY BAD REPAIR WIRE AT WHEEL WELD REPLACED PEDAL. REPLACED FUSE  
1843 PEDAL FAILURE 8788 2P1, 2P2, 2P7, 2P9, 1P3, 2P12, 2P13, 1P14, 1P15, 2P17, 2P18, 2P22, 2P27, 4 VERIFIED CONCERN DIAG PID TEST PINPOINT TEST R/R AND REPLACE AP PEDAL. RETEST SYSTEM COMPL  
ESC DIAG NOED KOER P1111 KOER P0221 PERFORM PPT & PID DATA MONITOR. FOUND ERRATIC SWITCHING OF IDLE VALIDATION SWITCHON REPLACE PEDAL ASY HAD TO GET PART FROM ANOTHER DEALER P  
RAN TEST FOUND TP SWITCH AT FAULT REPLACED  
2882 W/4 R 414 PERFORMED DIESEL DIAG 1 14 FOUND TP SENSOR NOP HAD TO R/R GAS PEDAL ASSEMBLY RETESTED OK AT THE TIME ALSO FILLED OUT DIAG SHEET QUALITY INSPECTED BY # 416 2888  
FUEL PEDAL FAILURE PERFORMED DIESEL DIAGNOSTICS TIME NEEDED TO REMOVE AND REPLACE PEDAL AND SENSOR ASY.  
1019 TEST DROVE AND WAS UNABLE TO VERIFY CONCERN. NBR ESC SELF TEST NOED PASS CONT P0221 P0122 INJECTOR ELECTRICAL PASS KOER PASS OYL CONT PASS GLOW PLUG PASS. TEST DROVE  
NBR TEST P0221 MONITOR PID ON TEST DRIVE R/R PEDAL ASY AS NEEDED  
NBR ESC TEST P0221 PID DATA DISPLAY MONITOR AND RECORD AND PLAYBACK DATA INJECTOR ELECTRICAL TEST INSPECTION CONTROL PRESSURE TEST LOW IDLE STABILITY TEST CHECK FUEL PRESSURE  
CODE P0211 IN BLUEZ. PASS. FUEL PRESSURE OK. OYL CONTROL TEST OK. KOER PASS. INTAKE RESTRICTION OK.  
NBR2 MIL ON W/4 CHECKS P0221 PINPOINT TEST NEEDED AP SWITCH ORDERED. 17 INSTALL NEW AP SENSOR NO RE TEST ESC P1000 NO MIL. NO TEST OK  
DIAGNOSED CHECK OARS W/4 TEST REPLACED DEFECTIVE THROTTLE PEDAL. NO PUBLISHED TIME IN 8LTS  
DIAG IN TIME TO REPLACE PEDAL. ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
PEDAL ASSEMBLY REPLACE ACC PEDAL ASSEMBLY  
RETRIEVE CODES P0221 INTERMITTANT REPLACE THROTTLE PEDAL ASY MT INTERMITTANT PROBLEM DIFFICULT DIAGNOSIS  
12679 ACCELERATOR PEDAL TEST ESC SYSTEM NOED KOER DCL NO CODES RAN OARS CALLED HOT LINE PINPOINT TEST PEDAL FOUND INTERMITTENT OPEN IN PEDAL ASSEMBLY REPLACED RETEST TEST E  
CHECK ENGINE LIGHT IS ON ESC (CLICK TEST) DIAGNOSIS  
ESC TEST NOED DTD P0221 PINPOINT AND REPLACE PEDAL ASY REPRD TEST ALL NORMAL  
CHECK OUT COMPLETE AND DIAG TO ACCEL PEDAL BAD REPLACE COMPLETE ALSO FOUND OIL LEAK AT TURBO AND OIL PUMP REPLACE BOTH RECHECK OK  
VERIFY CONCERN PERFORMED W/4 CONTINUOUS ON DEMAND ENGINE RUN CONTINUOUS CODE P0221 IDLE VALIDATION SWITCHON PINPOINT TEST ORDER ACCELERATION PEDAL ASY PART ON BACK AND  
NBR TEST NOED PASSED CODE CONT CODE P0221; WENT TO PINPOINT TEST FOUND INTERNAL OPEN CIRCUIT IN PEDAL SENSOR; REPLACE ACCEL PEDAL & SENSOR ASY & RECHECK OK  
GAS PEDAL ASSEMBLY REPLACED GAS PEDAL ASSEMBLY  
10917 ACCELERATOR BAD 8788 PERFORMED DIESEL. UNRELIABILITY DIAGNOSIS CODE P0122 IN CONTINUOUS RAN PINPOINT TEST MONITORED PID REPLACED ACCELERATOR PETAL. CLEARED CODES TEST D R  
ENGINE PERFORMANCE TEST REPLACE ACCEL PEDAL SENSOR  
EST AND ROAD TEST. OPERATING NORMALLY.  
RUN TEST 1 7 PERFORMANCE CODE FOR TP LOW INPUT. PINPOINT TEST K1 17 REPLACED ACCELERATOR PEDAL ASSEMBLY. CLEAR CODES. RETESTED SYSTEM PASS. ROAD TESTED OK.  
28726 CHECK FOR CHECK ENGINE LIGHT COMES ON AND ACCELERATOR PEDAL QUITE WORKING HOOKED TO NBR RAN ESC TEST SYSTEM PASS PID DATA MONITOR ROAD TESTED WHILE MONITORING PID POS  
12088 PEDAL ASY DEFECTIVE RAN PERFORMANCE SHEET PULLED CODE P0221 AND 1 THEN PERFORMED PIN POINT TEST DETERMINED THE ACCEL PEDAL WAS DEFECTIVE REPLACED THE PEDAL AND THE  
ESC TEST RETEST PINPOINT DCL MONITOR REPLACED ACCEL PEDAL ASSEMBLY  
1P14 CC 28 IN 4888 VERIFIED CONCERN SELF TEST ESC SYSTEM CODE P0221 PIN POINT TEST INSTALL S.O.B. PIN OUT AP CKTS PID DATA DISPLAY  
TESTED ENGINE PERFORMANCE. REPLACED ACCELERATOR PEDAL ASY.  
ACCELERATOR PEDAL SENSOR ERRATIC WHEN FIRST POWERED... DIAGNOSIS AUTO TRANS. NO CODES. INSTALL NBR AND MONITOR PID. FOUND AP CIRCUITS OUT OF RANGE. PINPOINT TEST AP CIRCUIT  
OPEN IN ACCEL PEDAL. ESC (CLICK TEST) DIAGNOSIS

PART WAS LEFT OFF ORIGINAL CLAIM ITEM  
PERFORM DRIVABILITY DIAGNOSTICS & PP TESTS PER FEA. NEEDS PEDAL. PEDAL IN DGR...ORDER PEDAL. INSTALL PEDAL WHEN IT COMES IN.  
RUN TESTS. REPLACED ACCEL. PEDAL ASSEMBLY  
PERFORMED DIAG TEST AND AP AND MS PASSED CALLED. HOTLINE TALKED TO AL. TOLD ME TO REPLACE AP. ORDERED DGR BACK. ORDER HAD TO REMOVE AP FROM ANOTHER VEHICLE AND INSTALL INTO THE  
ROAD TESTED AND ESC TESTED. P0221 PRESENT. MONITOR FOR REMOVED DEFECTIVE FUEL PEDAL. ASSY PER PINPOINT TEST RESULTS.  
PERFORMED THE NECESSARY TEST AND REPLACED THE TP SWRPR  
SELF TEST PPT TEST MONITOR REPL. PEDAL. RETEST  
OPEN IN PEDAL ASSY ESC (CLICK TEST) DIAGNOSIS  
RAM ESC TESTS RAM DATA LOGGER ACCELERATOR PEDAL NOT IN SPACE REPLACED  
DGR TEST DROVE AND COULD NOT COMPRA. USRMS NGR. CHECKED CODES AND COULD FIND NONE IN CONT. MEMORY. KOEO AND KOER TEST ALL PASS. TEST DROVE WHILE MONITORING PID DATA AND POU  
CK ENGINE LIGHTON TEST FOR CODES P0221 PINPOINT TEST. REPLACED ACCELERATOR PEDAL A  
CHECK OUT ROAD TEST FOUND BMS STOP FALING RAM NGR TEST OOD P0221 RAM PINPOINT TEST OPEN CIRCUIT IN RAMS BENER 5 VOLT RAM BUL. TEST FOUND SHORT IN THROU. REPLACE RECHECK CLUT ON  
TRUCK INSPECTED AND TESTED VEHICLE FOR HAVING NO POWER. RAM PERFORMANCE TESTS TO DIAGNOR. TESTING RESULTED IN FINDING THE THROTTLE POSITION SENSOR. CLUT OF RANGE. COMPONENT V  
1 PERFORMED KOEO NO CODES PERFORMED KOER NO CODES. PERFORMED FUEL CONDITION ICP IDLE STABILITY W/SHALT RESTRICTION  
TRUCK HAS NO POWER. ESC (CLICK TEST) DIAGNOSIS  
RAM PERFORMANCE DIAG. GOT OOD P0221 RAM VARIOUS TEST TEST WIRES TO PCM. REPLACE ACCELERATOR PEDAL. RETEST. OK  
1288 VERIFIED NO THROTTLE RESPONSE. CHECK CASE. WDS DMS. OODTS PASS. OMDTC P0221. PINPOINT TEST TP SWR OXTS. OK.  
INOP. ESC (CLICK TEST) DIAGNOSIS  
VERIFIED CONCERN. RPL. PEDAL. INOP  
ESC TEST CODE P0221. EC PARS. ESCER. PINPOINT TEST. DCL. DISPLAY. NGR. ROAD TEST. MONITOR. CHECK. HARNESS FOR OPENS OR SHORTS. NONE FOUND. CONTACT. HOTLINE. REPLACE. ACCEL. PEDAL. ASSY  
USED NGR TO TEST SYSTEM. FOUND CODE P0221. PERFORMED PINPOINT TEST. PER. PCID. FOUND. SHORTED. ACCELERATOR. PEDAL. ASSEMBLY. RER. ASSEMBLY. TEST. DROVE. AND. RETESTED. SYSTEM. NORMAL. O  
DRI. 42. 0F226. BAD. PEDAL. ASSEM. REPLACED. PEDAL. ASSEMBLY  
FUEL. PEDAL. AT. FAULT. DIAGNOSIS. CONDITION. REPLACED. FUEL. PEDAL. OK  
GAS. PEDAL. REPLACE. PEDAL.  
TR1. DC. 42. 0F226. I. RUN. MY. PERFORMANCE. DIAG. SHEET. 1. 7. AND. FOUND. CODES. P0122. P0221. IN. CONTINUOUSLY. CLEARED. ALL. CODES. AND. REPLACED. THE. THROTTLE. PEDDLE. ASSEMBLY. AND. ROAD. TESTED. AND.  
VERIFIED. CUSTOMER. CONCERN. RETRIEVED. CODE. P0122. PERFORMED. PINPOINT. TEST. REPLACED. ADJUSTABLE. PEDAL. ASSEMBLY. AND. RETESTED. OK. AFTER. REPAIR.  
VERIFY. CK. ENGINE. LAMP. ON. AND. NO. RESPONSE. FROM. ACCELERATOR. PEDAL. PERFORM. DIESEL. ENGINE. PERFORMANCE. DIAG. SHEET. STEPS. 1. TO. 14. AND. REPLACE. PEDAL. RETEST. OK.  
VERIFY. CONCERN. RER. A. PEDAL. ASSEMBLY. DONE. TESTED. OKAY. NOW.  
ESC. TEST. PIN. POINT. TEST. REPLACE. ACCELERATOR. PEDAL. A. SENSOR. ASSY. RETEST.  
INTERNAL. BAD. INPUT. FROM. ACCEL. PEDAL. ASSY. REPLACED. ACCEL. PEDAL. ASSEMBLY. TEST. DRIVE. OKAY. 5  
DIESEL. PERP. DIAG. 1. 14. MONITORED. PID. WHILE. DRIVING. IN. PARKING. LOT. LOSS. OF. ACCELERATOR. PEDAL. SIGNAL. (INTERMITTENT). REPLACED. A.P. ASSEMBLY. W. ADJUSTABLE. PEDALE. AND. RETEST.  
MIL. ON. RAM. SELF. TEST. NGR. P0221. 805. RAM. PINPOINT. TEST. FOUND. THROTTLE. PEDAL. SWITCH. OPEN. INTERNALLY. REPLACED. THROTTLE. PEDAL. ASSY. CLEARED. CODES. ROAD. TEST. RE-RAN. SELF. TEST. ALL  
PERFORMED. COMPUTER. SYSTEM. DIAGNOSTICS. FOR. FAULT. CODES. TEST. ESC. P0221. MONITOR. PDS. DIESEL. DIAG. REPORTS. AND. REPL. IDLE. VALIDATION. SWITCH. PEDAL. ASSY. RETEST. OK. CCC. 026. CC. 42.  
ESC. (CLICK. TEST). DIAGNOSIS  
PERFORMED. ENGINE. PERFORMANCE. DIAG. 1. 18. REPLACED. ACCELERATOR. PEDAL. ASSY. FOR. KOEO. NGR. P0221. TEST. T. DROVE. VEHICLE. NO. OTHER. PROBLEMS. FOUND. 18. TEST. URBO. BOOST  
1. RAM. CODES. AND. TRACED. PINPOINT. TESTS. TO. AND. REPLACED. THROTTLE. PEDAL. ASSY. WITH. ADJUSTABLE. PEDALS.  
KOEO. INJECTION. CONTROL. PRESSURE. TEST. LOW. IDLE. TEST. REPLACED. ACCEL. PEDAL. ASSY  
OPEN. CIRCUIT. ESC. (CLICK. TEST). DIAGNOSIS  
ACCELERATOR. PEDAL. OPEN. CIRCUIT. CODE. 0221. 0F226. PERFORMANCE. DIAG. 1. 6. CODE. 0221. PER. ACCELERATOR. PEDAL. CLEAR. CODES. ROAD. TEST. TO. VERIFY. REPAIR. OK  
DIAG. NGR. P0221. NG. P. TO. PIN. POINT. TEST. 81. MONITOR. MS. MS. REPLACE. FAULTY. ACCEL. PEDAL. AT. TIME. NO. OPS. TO. REPLACE. PEDAL.  
WENT. BY. SYMPTOM. CHART. 7. PERFORMED. TEST. 1. 7. OF. PERFORMANCE. DIAG. WORKSHEET. FOUND. P0122. WAS. PRESENT. IN. OMDTC. PERFORMED  
ESC. CHECKED. DID. PINPOINT. TEST. FOUND. BAD. CONNECTION. AT. PCM. RETESTED. 0F226. INOP. AT. TIMES. NO. CHECKENGINE. LIGHT. ON. DID. ROADTEST. WITH. PID. MONITOR. TO. FIND. ITS. READING. ON. WHEN. IT. SHK  
CHECKED. DUT. ON. NGR. CODE. P0221. POINT. OF. RANGE. REPLACE. PEDAL. ASSY.  
PERFORMED. DIAG. FOUND. CODE. P0221. PERFORMED. PIN. POINT. TESTS. PERFORMED. TURNING. PIN. POINT. TESTS. AS. PER. MANUAL. CHECKED. REE  
PERFORM. DIAGS. NGR. TO. REPLACE. PEDAL.  
  
VERIFIED. CLUT. COMPLAINT. OF. PEDAL. BEING. INOP. REMOVED. AND. REPLACED. PEDAL. AND. RETESTED. OK. NOW  
REPLACE. ACCEL. PEDAL. ASSY  
1294. 026. PERFORMED. DIESEL. DIAG. FOR. CODES. P0122. P0221. PIN. POINT. TESTED. AND. REPLACED. THE. ACCEL. PEDAL. CLEARED. CODES. RETESTED. OK  
DIAGNOSIS. FOR. GAS. FEEDER. OPERATION. REPLACE. GAS. FEED. SENSOR. ROAD. TEST. ACCELERATOR. OPERATION. NORMAL.  
DIESEL. DIAG. OTC. P0122. PINPOINT. TESTS. REPLACE. 0F226. 0F226  
CC. 42. 0F226. 1476. M. O. VERIFIED. CONCERN. NGR. DIAG. CODE. P0221. DATA. MONITOR. AP. AND. IDLE. VALIDATION. SWITCH. AP. SIGNAL. 0F226. PIN. POINT  
TEST. ELECTRONICS. REPLACE. ACCELERATOR. PEDAL.  
DEFECTIVE. ACCELERATOR. PEDAL. ASSY. ENGINE. PERFORMANCE. DIAGNOSTICS. 7.3L. DI. TURBO. ENGINE. DIAG  
DIESEL. ENGINE. DIAG. PINPOINT. TESTS. RETRIEVE. CODE. REPLACE. ACCELERATOR. PEDAL. ASSY. CLEAR. CODES. AND. RETEST. OK  
PEDAL. ASSEM. ENGINE. PERFORMANCE. DIAGNOSTICS. 7.3L. DI. TURBO. ENGINE. DIAG  
TECHNICIAN. REPLACED. AUTO. PEDAL. ASSEMBLY. AND. RET. TEST. OK  
4204. HARR. VERIFIED. CONCERN. 880. TEST. HAD. CODE. P0221. MONITORED. PID. AP. MS. PIN. POINT. TEST. PE.1. FOLLOWED. PIN. POINT. TEST. REPLACED. ACCELERATOR. PEDAL. ROAD. TESTED. TRUCK. CONCERN. C  
ESC. TESTED. CODE. P0122. P0221. TESTED. FOUND. ACCEL. PEDAL. BAD. REPLACED. RETESTED. OK. AT. THIS. TIME  
VERIFIED. PROBLEM. ENGINE. WAS. SURGING. ON. ACCELERATION. GOING. DOWN. THE. ROAD. CHECKED. ON. COMPUTER. FOR. DTCHONE. RECORDED. FAILED. TEST. MONITORED. PID. INFORMATION. AND. FOUND. ACCELA  
PERFORM. ESC. TEST. NO. CODES. PRESENT. IN. SYSTEM. FOUND. LOW. OR. NO. THROTTLE. R.  
INOP. ENGINE. PERFORMANCE. DIAGNOSTICS. 7.3L. DI. TURBO. ENGINE. DIAG

1898 42 VERIFY CUSTOMER'S CONCERN RUM ENGINE PERFORMANCE TEST CODE P0221 PINPOINT TEST P1 F53 REMOVE AND REPLACE ACCELERATOR PEDAL CLEAR CODES RETEST OK AFTER REPAIR  
RUM PERFORMANCE CHART 1 14 REMOVE AND REPLACE THROTTLE PEDAL ASSEMBLY RETEST.  
ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
OK DIES WHILE DRIVING  
CAUSED BY ACCELERATOR SOLENOID ACTUATOR. REMOVE AND REPLACE ACCELERATOR SOLENOID ACTUATOR TEST IT AND EVERYTHING WAS OK. AT THIS TIME.  
ESC TEST P0221 REPLACED PEDAL SWITCH ASSEMBLY AND RETEST  
CHECKED CODES HAD CODE FOR THROTTLE PEDAL. CHECKED SYSTEM FOUND BAD PEDAL ASSEMBLY. REMOVE AND REPLACE THROTTLE PEDAL ASSEMBLY. ROADTESTED OK.  
TEST SYSTEM RUM LEFT FRONT SPLASH SHIELD MT TO INSTALL BRAKE OUT BOX TEST AP & NS CIRCUITS FROM POINT TO T.P.S. REPLACE ASSEMBLY  
ESC TESTED FOUND FAULTY AP SENSOR AND REPLACED CLEARED CODES  
CC 42 DP3M ESC TEST FOUND GAS PEDAL CODE PIN POINT TEST PD MONITOR REPLACE GAS PEDAL AND CLEAR CODES RETEST OK ROAD TEST  
6215 PERFORMED POWERSTROKE PERFORMANCE DIAGNOSTICS. PERFORMED PINPOINT TESTS FOR CODE P0221 IN MEMORY. ORDERED ACCELERATOR PEDAL. REPLACED ACCELERATOR PEDAL AND RETEST  
COMPLETED ENGINE PERFORMANCE TESTS 1 14 FROM DIAG SHEET. RECEIVED CODE P0221 AND FOLLOWED PINPOINT TESTS FOR THROTTLE REPLACED ACCELERATOR PEDAL AND ASBY WITH ADJUSTABLE P  
SCAN AND RETRIEVE CODES FROM ELECTRONIC CONTROL SYSTEMS P0221 PEDAL ASSEMBLY CIRCUIT CONCERN. ENTER PPT CC 51 & CONCLUDE REPLACE PEDAL ASSEMBLY CLEAR RETEST & RETEST PASS P  
RUM NOW TEST P0221 MONITORED AP INTERMITTENTLY OPEN REPLACE GAS PEDAL ASBY RETESTED PROBLEM SOLVED  
PULLED CODES TP OUT OF RANGE P0221  
ESC TEST(CODE P0221) NS MONITOR ROAD TEST PINPOINT TESTS REPLACE ACCELERATOR PEDAL SENSOR ASSEMBLY.  
TEST ESC CODE P0221. PINPOINT TEST AND FIND INTERMITTENT TP SENSOR REPLACE TP SENSOR ASBY AND RETEST PASS.  
MTRM8 REPLACED ACCEL PEDAL ASBY  
1 ROAD TEST TO CONFIRM TEST ESC NO CODES MONITOR PDS AND PINPOINT TEST REPLACE ACCELERATOR PEDAL AND RETEST.  
FAULTY ACC PEDAL. RUM ESC TEST P0221 RUM PINPOINT TEST AND DCL DISPLAY FOUND FAULTY  
ESC TESTED PM TESTED NS ENTERED REPLACED THE PEDAL AND SENSOR ASSEMBLY RETESTED OKAY  
OK SYSTEM REPLACE ACT SENSOR  
CODES P0221 REFER TO R.O. 242136 FOR DIESEL ENGINE PERFOR MANCE DIAG REPLACED ACCELERATOR PEDAL ASBY CLEARED CODES ROAD TEST OK ESC TEST PASS.  
ESC (QUICK TEST) DIAGNOSIS  
1 TESTED WITH NS6. REPLACED ACCELERATOR PEDAL. RETEST O.K.  
ESC DIAG ON DIESEL TO FIND P0221 HARD FAULT. PINPOINT TEST AND PD MONITOR TO FIND AND REPLACE PEDAL ASSEMBLY WITH ADJUSTABLE PEDALS.  
RUM NOW TEST CODE ACCELERATOR PEDAL CIRCUIT LOW INPUT RUM PINPT TEST THROTTLE PEDAL BAD REPLACED PEDAL HAS CLICK TEST TEST DROVE  
NECESSARY TO PERFORM ALL ESC TEST AND REPLACE ACCELERATOR PEDAL SWITCH  
REPLACE ACCELERATOR PEDAL ASBY  
TEST ESC4 FINE PROGRAMMATION PCM REPLACE PEDALS ACCELERATION DEFECT, RETEST O.K.  
NOP ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
VERIFY CONCERN DIESEL DIAG TESTS. TEST OPERATION. FOUND THROTTLE SENSOR WORKING INTERMITTANTLY. INTERNAL PEDAL PROBLEM. REPLACE PEDAL ASSEMBLY & ADJUST. VERIFY REPAIR MT FOR  
CHECKED FOR TRUCK NOT ACCELERATING. CHECKED CODES FOUND CODE FOR ACCELERATOR PEDAL POSITION. CHECKED PARAMETERS. AP VOLTAGE DROPPED. REPLACED ACCELERATOR PEDAL AND PD  
CODES OUT AND REPAIRED THE  
INTERMITTENT OPEN IN SWITCH  
VERIFY INTERMITTANT NO THROTTLE RESPONSE. PERFORMED DT TEST CODE 0220 IN MEM. REPLACED FAILED ACCEL PEDAL. QUALITY TEST OK  
DIAGNOSE W NS6 FOUND P0221 REPLACE ACCEL PEDAL  
SHORTED WIRE AT LEFT FRONT FINDER WELL AND TP SENSOR BAD RUM NOW DIAG GOT CODES P0221, P1211 REPAIRED WIRE AT LEFT FINDER WELL BY SHOCK. REPLACE THROTTLE PEDAL RETEST AND  
PINPOINT TEST INTERMITTENT OPEN IN THROTTLE PEDAL. TITLLE NOW RESPONSIVE ESC TEST P0221 TP SENSOR CHECKED AND VERIFY CHECK ENGINE LIGHT ON AND THROTTLE ASBY REPLACED PEDAL A  
DEFECTIVE ACCELERATOR PEDAL ASBY ESC (QUICK TEST) DIAGNOSIS  
7368 BASE WARRANTY PERFORM DIESEL PERFORMANCE DIAGNOSTICS RETRIEVE PCM MODULE CODE YK0E0 P1111 CONT P0221 NOBR P1111 INJECTOR P1111 CONTRIBUTION P1111 BOOST 10 PM OK FUEL ICF  
DOES NOT OPERATE PROPERLY ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
DIAGNOSE TEST WITH NS6 AND RETRIEVE CODE P0221. PINPOINT TEST AND FOUND THROTTLE CONTROL SWITCH HAD DEAD SPOT IN VALIDATION SWITCH REPLACE ACCELERATOR PEDAL ASSEMBLY AND R  
ESC TEST CODE P0221 R R SENSOR PEDAL ASBY  
TEST DROVE & VERIFY CONCERN ONCE RAN ESC W02005 P0221 PROMPT MONITORED PDS & VERIFY PINPOINT TEST. REPLACED ACCEL PEDAL ASBY. TEST DROVE & RETESTED. SYSTEM PASSED.  
SCANNED CODES P0221 REPLACED FAILED PEDAL ASBY. CLEARED CODES AND ROAD TESTED OK.  
PERFORM ENGINE PERFORMANCE DIAG STEPS 1 2 3 4 5 7 P0221 PINPOINT TEST AND REPLACED THROTTLE PEDAL ASBY RETESTED  
PERFORM ESC SYSTEM TEST DCL DISPLAY AND PD MONITOR RACD TEST PERFORMED PIN POINT TEST AND REPLACED PEDAL ASSEMBLY  
23276 ROAD TEST MIL LIGHT ON NO POWER ON ACCEL. DIESEL PERFORMANCE DIAG SHEET K020 PASS P0221 K020 PASS 1 CYLINDER CONTRIBUTION TEST PASS INJECTOR SELF TEST PASS INJECTOR CONT  
W020 42 CC M/G 7368 VERIFY CONCERN NS6 SELF TEST ESC SYSTEM CODE P0221 PD MONITOR ROADTEST AP PD AP VOLTAGE DRIPPING OUT ON  
1 VERIFY CONCERN PERFORM DIESEL DIAG. WORKSHEET AND REPL. ACCELERATOR PEDAL ASBY. ROAD TEST RETEST OK NOW  
ESC DIAG CONT P0221 PIN POINT TEST ROAD TEST WITH NS6 NEEDS AP SENSOR REPLACE PEDAL ASSEMBLY RETEST OK  
18115 BASE WAUR...CC42...FP7P SENSOR TEST DRIVE TO VERIFY CONCERN VEHICLE SLICKS AND JERKS WHILE DRIVING PERFORM DIESEL DIAG PERFORMANCE STEPS 1 10 IOP 48PM IDLE PR 11% FUEL  
FUEL PRESSURE TEST 65 PM ESC CONT P0221 PINPOINT TEST P1 F53 NO VOLTAGE INCREASE ON NS PD REPLACE AP SENSOR CLEAR CODES TEST DRIVE OK  
CHECKED OVER AND REPLACED ACCEL PEDAL ASSEMBLY  
PERFORMANCE DIAGNOSIS P0221 PIN POINT TEST P1 THRU P4 REPLACE THROTTLE PEDAL SENSOR ASBY 0220 WAS SPATIOIC CLEAR CODE RETEST PASS 9  
6497 WAS UNABLE TO VERIFY NO THROTTLE RESPONSE AT THIS TIME. CORRECT SCARTOOL AND PERFORM K020 TESTS UNABLE TO PERFORM ON DEMAND TESTS DUE TO INSTALLATION OF AFTERMARKET  
14321 SENSOR NOP PERFORMANCE DIAG START UP AND STEP 1 CODE P0221 REPLACE FUEL PEDAL ASSEMBLY CLEAR CODE AND RETEST PASS CODES ROAD TEST OK CC 42 CP 0220 VEHICLE GONE  
1 FOUND ENGINE LIGHT ON USED NS6 TO DIAGNOSE CODE P0221 USED PD MONITOR ON ROAD TEST TO PINPOINT TO A BAD ACCELERATOR  
VERIFY CHECK OARS K020 TEST PASS K020 TEST P0221 K020 TEST PASS CHECK FUEL PRESSURE BOTH HEADS AND PUMP VERIFY 65 PM



COMPLETED DIAG ACCEL PEDAL HAS OPEN IN SWITCH REPLACED ACCEL PEDAL ASSY ROAD TEST GOOD AT THIS TIME 72877  
0417 ROAD TEST VERIFY VEHICLE WILL NOT MOVE MIL ON PERFORM ELECTRONIC THROTTLE TEST RECEIVED P0221 PERFORM TEST FOUND TP SENSOR BAD. PERFORM PINPOINT TEST AND DCL DISPLAY CRD BPER  
04 NOTED AP OUT OF RANGE CODE IN INCLUBED MSG TO LOOK AT AP PID WILL NOT COME DOWN TO LOW READING WITHOUT SNAPPING PEDAL A FEW TIMES SUSPECT SENSOR BTY FOR TECH 29 GOT WRONG  
PEDAL ASSY BAD DIAG AND INSTALL NEW PEDAL ASSY  
ENGINE PERFORMANCE 1 14 CODES P0221 REPLACE ACCEL PEDAL  
0221 42 ROAD TEST FOR CONCERN VERIFIED CONCERN AT TIMES NO RESPONSE WHEN DEPRESSING PEDAL TO ACCEL PERFORMED DIESEL DIAG ESC TEST CONT CODE P0221 FAILED PEDAL ASSY MONITOR  
0221 42 ROAD TEST FOR CONCERN VERIFIED CONCERN AT TIMES NO RESPONSE WHEN DEPRESSING PEDAL TO ACCEL PERFORMED DIESEL DIAG ESC TEST CONT CODE P0221 FAILED PEDAL ASSY MONITOR  
ORDERED PEDAL ON DOD NATIONAL BACK ORDER 7 15 02 REPLACED PEDAL ASSEMBLY 02 418  
20430 ROAD TESTED WAS UNABLE TO GET THROTTLE PEDAL TO BE IN OP CUSTOMER STATE AT TIME DRIVING DOWN ROAD ENG WOULD RETURN TO IDLE TO UNABLE TO GIVE ANY GAS DIAG AND TESTED RU  
DIAG. CODE P0401 P0221. ROAD TEST. PERFORMED DIESEL DIAG. REPLACED ESP SENSOR AND ACCEL. PEDAL. ROAD TEST.  
LDS VALIDATION SWITCH SHORTED. ROAD TEST TO VERIFY CONCERN. MSG REC TEST P0401 P0221 DCL DISPLAY PINPOINT TEST DO AND FE. REPLACE SWITCH ESC RETEST AND ROAD TEST  
ESG (CLICK TEST) DIAGNOSIS

BACK ORDER THURSDAY ON FRIDAY INSTALL BOP RETEST VERIFY REPAIR  
14011 WARRANTY ESC TESTED CODE P0221. ROAD TESTED AND MONITOR BOP PIDS. PINPOINT TESTED FOUND TP SENSOR INTERMITTENTLY OPEN. RAR ACCELERATOR PEDAL ASSY CLEARED CODE AND RETE  
1 TEST DRIVE DUPLICATED CONCERN USED MSG MONITORED KORO AND KOBK TESTS FOUND DTC P0221 FOR PEDAL A P SWITCH  
PERFORM DIAG WORKSHOP FOUND CODE P0221 PERFORM PINPOINT TEST REPLACE AP SENSOR RETEST ALL OK  
ACCELERATOR PEDAL ACCELERATOR PEDAL ASSEMBLY ADJUSTABLE REPLACE  
USED MSG AND MONITORED MEMORY KORO KOBK TESTS DTC FOR A P SWITCH MONITORED PIDS DUPLICATED LOSS OF SIGNAL COMPLETED  
TEST ENGINE CONTROL SYSTEM IN TIME TO REPLACE ACCEL PEDAL  
WDS PINPOINT REPLACE TP  
TEST 6 DIAG. P1111 14 P0221 PINPOINT TEST TO TP WITH ACCEL PEDAL SENSOR. REPLACE & ROAD TEST & RETEST. ALL PASS CODES. MT TO REPL SENSOR  
27709 DIESEL ENGINE PERFORMANCE DIAG PINPOINT TEST FOR CODE P0221 REPLACE ACCEL PEDAL ASSEMBLY (ADJUSTABLE PEDAL) CLEAR CODE AND ROAD TEST RETEST ESC SYSTEM OK AT THIS TIME  
ACCELERATOR PEDAL 0221 OPEN CIRCUIT CODE P0221 PERFORMED DIAG 1 & RAR ACCEL PEDAL CLEAR CODES ROAD TEST TO VERIFY REPAIR OK  
INTERMITTENT OPERATION ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
PERFORMED DIAGNOSIS AND FOUND FAULTY ACCELERATOR PEDAL.  
PERFORM COMPLETE DIESEL DIAG PERFORMED DIAGNOSTICS AND REPLACED ACCEL PEDAL RETEST OK  
ESG SYSTEM DIAG MONITOR ROAD TEST PINPOINT TESTS REPLACE THROTTLE PEDAL PWR 14011 27709

CHECKED FOR TP PROBLEM RAN K200 K0200 OBTAINED CODES P0221. RAN PINPOINT TESTS. MONITOR PIDS. ROAD TESTED AND COULD NOT GET CODE TO RESET. REPLACED THROTTLE PEDAL  
ESC DIAGNOSIS PINPOINT TO AND REPLACE ASSEMBLY  
REPLACE ACCELERATOR PEDAL ASSEMBLY. THE REASON FOR REPLACING THE ACCELERATOR PEDAL ASSEMBLY IS THAT IT IS THE ONLY WAY TO PURCHASE A SENSOR  
MSG FOUND FAULTY PEDAL ASSY REPLACE AP RETEST  
12817 PERFORMANCE DIAGNOSIS ROAD TEST WITH MSG AND MONITOR PIDS REPLACE AP RETEST  
RAN ENGINE PERFORMANCE TESTS 1 28. REPLACED ACC ELIMINATOR PEDAL ASSEMBLY.  
VEH STARTS BUT HAS NO THROTTLE KEY ON ENGINE OFF KORO CHECK TEST  
DIAG 7.3 TURBO OFF PINPOINT TEST FOUND TP SENSOR BAD. REPLACE PEDAL SENSOR ASSY. ROAD TEST OK. BASIC PWR. D41.42  
MD 11112 7.3L DI 4R100 AUTO CC 28. MANUAL PART 0221 ACCEL PEDAL ASSY VERIF CUST CONCERN PERFORM DIESEL PERFORMANCE DIAG. PERFORM TESTS 1 THROUGH 14. ALL OK. TEST 7 PWD P0221 AS PER PINPOINT  
REPLACE PEDAL ASSY ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
42 PERFORM DI DIAG STEPS 1 14. CHECK AIR FUEL. OIL OK. RAR MSG SENSOR AND RETEST OK PASS  
27704 VERIFIED CONCERN. TESTED MSG KORO KOBK CODE P0221. PP TESTS IN FCED. PINPOINTED CONCERN TO AP SENSOR. MONITORED AP SIGNAL USING GEN STAR. VERIFIED VOLTAGE CUTS OUT AT TIME  
YELLOW OR ENGINE LIGHT ON  
RAN DIAG TEST. FOUND TP SENSOR IN THE ACCELERATOR ASSY TO CORRECT. R AND R FUEL PEDAL ASSY TO CORRECT  
PPT ON BAD ELECTRONIC THROTTLE CONTROL. RR ELECTRONIC CONTROL TO CORRECT PROBLEM  
TP HAS INTERMITTANT OPEN CRT HAS ADJUSTABLE PEDALS PERFORM ESC TEST RECEIVED CODE P0221 PERFORMED PINPOINT TESTS REPLACED TP V SENSOR & PEDAL CLEARED CODES RETEST  
MIL WAS ON RAN ESC KORO KOBK P0221 KORO P0221 RAN PINPOINT TEST FOUND THROTTLE SENSOR OPEN INTERMEDIATELY REPLACED THROTTLE PEDAL ASSY CLEARED CODES ROAD TEST REPAIR SELF  
TECH HAS VERIFIED CONCERN TECH ROAD TESTED FOUND THROTTLE DID NOT RESPOND NORMALLY PERFORMED ESC TEST FOUND P0221 AP RANGE PERFORM SELF  
ESC V DIAG. SELF TEST CODE P0221 MSG DCL DISPLAY DIAG. MSG RECORD MONITOR PERFORMANCE DIAG. 1 THROUGH 14. PINPOINT TEST REPL. ACCEL. PEDAL ASSY. (BAD SWITCH INTER.) ROAD TEST RETEST  
DIAG AND REPAIR  
DIAG ENGINE PERFORMANCE DIAGNOSTICS 7.3L DI TURBO ENGINE DIAG  
ESC TEST CODE P0221. OPEN CIRCUIT AT PEDAL ASSY. ORDERED NEW ADJUSTABLE ACCEL PEDAL ASSY INSTALLED PEDAL ASSY TEST DRIVE OK  
0221 CC 42 LIGHT OFF P1000 P0221 P1000 ESC TEST DCL TEST PINPOINT TEST P0221 TP (R) RANGE PERFORM. CHECK TP SENSOR PWR. REPLACE ACC. PEDAL ASSY RETEST PASS PASS  
0400 C K FOR ENGINE LIGHT ON RAN CODES FOUND CODE FOR TP SENSOR. NOT PERFORMED PINPOINT TEST ON FOUND ACCEL PEDAL INOP AT TIMES. REPLACED ACCEL PEDAL VEH IS OK AT THIS TIME.  
CHECKED AND VERIFIED COMPLAINT. RAN SELF TEST DIAGNOSIS WITH MSG AND RECEIVED CODE P0221. FOLLOW FCED MANUAL REPLACE ACCELERATOR PEDAL CLEARED CODES REWRITING WORKING PROC  
RAN MSG DCL TESTS TRACED TO BAD SENSOR ON PEDAL. REPL. PEDAL ASSY RETEST  
TEST DRIVE AND PERFORM DIAGNOSIS AND PINPOINTS AND FOUND NO NON FUNCTIONAL. REPLACED THROTTLE PEDAL ASSEMBLY. AND TEST DRIVE  
OPEN OR  
SELF TEST CODE P0221. TEST PEDAL ASSY FOUND OPEN CIR. REPLACE PEDAL  
REPLACE ACCEL PEDAL ASSY.  
PERFORM DIAG CHECK FOR CODES FOUND PEDAL POSITION WOULD NOT CHANGE REPLACE PEDAL ASSY CLEAR CODES AND RECHECK

BCC TEST CODE FOR P0221 TP RANGE PERFORMANCE BAD REPLACED TP THROTTLE PEDAL RETEST CLEARED CODES ALLOK

F Series Super Duty

2002 MY - 192 VINs

VIN	CCM Report Miles	Production Date
1FTRD11F2A	293	10/01/01
1FTRD11F2A	2079	09/14/02
1FTRD11F2A	4898	10/26/01
1FTRD11F2A	1578	10/24/01
1FTRD11F2A	2846	07/24/01
1FTRD11F2A	1889	05/02/02
1FTRD11F2A	4162	12/14/01
1FTRD11F2A	1890	09/02/02
1FTRD11F2A	1030	01/02/02
1FTRD11F2A	1882	10/18/01
1FTRD11F2A	1893	04/23/02
1FTRD11F2A	2281	10/21/01
1FTRD11F2A	1000	10/26/01
1FTRD11F2A	828	01/17/02
1FTRD11F2A	1048	08/27/01
1FTRD11F2A	1890	11/05/01
1FTRD11F2A	877	12/08/01
1FTRD11F2A	1898	01/23/02
1FTRD11F2A	1798	04/17/02
1FTRD11F2A	328	08/28/01
1FTRD11F2A	1701	08/20/01
1FTRD11F2A	1898	08/07/01
1FTRD11F2A	1898	10/26/01
1FTRD11F2A	1898	01/23/02
1FTRD11F2A	1898	01/23/02
1FTRD11F2A	1718	10/18/01
1FTRD11F2A	2893	04/18/01
1FTRD11F2A	1898	10/26/01
1FTRD11F2A	1898	11/05/01
1FTRD11F2A	4180	10/18/01
1FTRD11F2A	4898	01/23/02
1FTRD11F2A	1898	04/23/02
1FTRD11F2A	2898	08/02/01
1FTRD11F2A	1898	10/17/01
1FTRD11F2A	1898	10/17/01
1FTRD11F2A	898	01/23/02
1FTRD11F2A	1188	09/18/01
1FTRD11F2A	898	08/07/02
1FTRD11F2A	1898	07/18/02
1FTRD11F2A	898	08/18/02
1FTRD11F2A	898	09/18/01
1FTRD11F2A	898	10/26/01
1FTRD11F2A	898	11/05/01
1FTRD11F2A	898	04/18/02
1FTRD11F2A	289	09/18/01
1FTRD11F2A	2098	10/26/01
1FTRD11F2A	1898	01/23/02
1FTRD11F2A	1898	01/23/02
1FTRD11F2A	898	01/23/02
1FTRD11F2A	898	01/23/02

2003 MY - 3 VINs

VIN	CCM Report Miles	Production Date
1FTRD11F2A	28	09/18/02
1FTRD11F2A	4898	08/12/02
1FTRD11F2A	8168	07/28/02

Excursion

2002 MY - 25 VINs (2003 MY - 8 VINs)

VIN	CCM Report Miles	Production Date
1FTRD11F2A	1898	07/28/02
1FTRD11F2A	898	08/27/02
1FTRD11F2A	898	10/18/01
1FTRD11F2A	898	08/18/01
1FTRD11F2A	12174	08/17/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	1898	08/28/01
1FTRD11F2A	898	11/05/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	898	11/05/01
1FTRD11F2A	1	05/18/01
1FTRD11F2A	2898	10/18/01
1FTRD11F2A	898	01/18/02
1FTRD11F2A	898	10/27/01
1FTRD11F2A	898	10/27/01
1FTRD11F2A	1898	01/18/02
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	898	08/28/02
1FTRD11F2A	1028	09/18/02
1FTRD11F2A	2098	10/18/01
1FTRD11F2A	2898	08/17/01
1FTRD11F2A	1488	08/18/02
1FTRD11F2A	1898	10/26/01
1FTRD11F2A	1898	11/13/01
1FTRD11F2A	898	11/13/01
1FTRD11F2A	898	07/28/02
1FTRD11F2A	898	10/27/01
1FTRD11F2A	1488	01/18/02
1FTRD11F2A	2898	08/27/01
1FTRD11F2A	1488	01/18/02
1FTRD11F2A	898	11/13/01
1FTRD11F2A	898	07/28/02
1FTRD11F2A	898	10/27/01
1FTRD11F2A	898	01/18/02
1FTRD11F2A	898	01/18/02

FMS-044 31282

07/11/02

PHS-44 3133

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0100096	2596	0100096
0100097	2597	0100097
0100098	2598	0100098
0100099	2599	0100099
0100100	2600	0100100

PHS-44 3133



FORM 944 31988

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STANDARD

DATE	TIME	LOCATION	VEHICLE	PLATE	REGISTRATION	INSURANCE	DRIVER	OWNER	STATUS	REMARKS
12/16/88	10:55AM	INDIANAPOLIS	FORD MUSTANG	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS
12/16/88	11:00AM	INDIANAPOLIS	FORD MUSTANG	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS
12/16/88	11:05AM	INDIANAPOLIS	FORD MUSTANG	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS
12/16/88	11:10AM	INDIANAPOLIS	FORD MUSTANG	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS	INDIANAPOLIS

INDIANAPOLIS

INDIANAPOLIS

From: Johnson, Steven (S.M.)  
Sent: Tuesday, November 18, 2003 2:00 PM  
To: Williams, Brent (B.A.)  
Subject: Superduty accel pedal

Hi Brent,

I have finished my search on 2001-2004 Superduty Diesel accelerator pedal wire chaffing on the steering column issue. Here are the results I have found:

YDQ

No reports found

CGIS

No reports found

AWS

72 reports found of wires chaffed on the steering column.

I was unable to set up the AWS search for adjustable pedal vehicles only, so I used 6.0L and 7.3L engines with base part numbers including 9A758 and 14401 with technician keywords including "unplug", "chaf", "shakt" and "column". I read all the reports and selected the best reports with the descriptions matching the issue. There will likely be a mix of fixed/adjustable pedal vehicles in the mix. Here is the file FYI.



01-04 FH  
adjustable pedal wi

Let me know if you need anything else.

*Steve Johnson*

ECI concern analyst  
sjohns62@ford.com  
(313) 248-8113

Report Information for Result ID 54030485:	Status=Finished	Request Name=01-04 FH accel pedal harness	Description=01-04 G	Run Date And Time=13 Nov 2003 13:29
Data Selection Criteria:	Model Year = MY_04[2004], MY_03[2003], MY_02[2002], MY_01[2001]	Region Sold = North America[NA]	Vehicle Line Aws = EXCURSION[L1], F250HD/350/450/550 [F7]	Engine [en] = 6.0L 325H/550# OHV DI TC V8 DS[T/YB], NAVISTAR 7.3L OHV DI TC V8 DSL[T/D8]
Report Selection Criteria:	Report Name=Standard Claims List	Model Year=2004, 2003, 2002, 2001	Destination=DB	Conv Name=CLMLS485
MDL_YR	VIN_CD	LBR_COST	VEH_LINE_CD	MKT_DERIVED
	2001 1FTS031F71E	395.42	T/F7	T/F
	2001 1FTNW21F21I	59.87	T/F7	T/F
	2001 1FTNW21F01I	118.4	T/F7	T/F
	2001 1FTNW20F01I	197.8	T/F7	T/F
	2001 1FTNF21F41E	113.51	T/F7	T/F
	2001 1FDWX37F01I	97.5	T/F7	T/F
	2002 3FTNW20F42I	285.17	T/F7	T/F
	2002 1FTWW33F92I	273.18	T/F7	T/F
	2002 1FTWW33F82I	303.08	T/F7	T/F
	2002 1FTWW33F62I	189.48	T/F7	T/F
	2002 1FTWW33F32I	145.85	T/F7	T/F
	2002 1FTWW33F22I	83.42	T/F7	T/F
	2002 1FTWW33F22I	377.3	T/F7	T/F
	2002 1FTWW33F12I	111.8	T/F7	T/F
	2002 1FTWW33F12I	231.18	T/F7	T/F
	2002 1FTWW32F82I	79.71	T/F7	T/F
	2002 1FTSX51F82E	213.39	T/F7	T/F
	2002 1FTSX31F82E	84.91	T/F7	T/F
	2002 1FTSW31FX2I	134.81	T/F7	T/F
	2002 1FTSW31FX2I	182.89	T/F7	T/F
	2002 1FTSW31F72I	142.7	T/F7	T/F



2002	1FTSW31F32E	148.78	T/F7	T/F
2002	1FTNX21F82E	201.75	T/F7	T/F
2002	1FTNX21F42E	168.82	T/F7	T/F
2002	1FTNX21F02E	687.29	T/F7	T/F
2002	1FTNW21FX2	59	T/F7	T/F
2002	1FTNW21F82	57.8	T/F7	T/F
2002	1FTNW21F82	57.56	T/F7	T/F
2002	1FTNW21F72	258.58	T/F7	T/F
2002	1FTNW21F72	113.76	T/F7	T/F
2002	1FTNW21F82	50.67	T/F7	T/F
2002	1FTNW21F82	68.47	T/F7	T/F
2002	1FTNW21F82	73.5	T/F7	T/F
2002	1FTNW21F42	66.27	T/F7	T/F
2002	1FTNW21F42	188.4	T/F7	T/F
2002	1FTNW21F32	297.88	T/F7	T/F
2002	1FTNW21F12	185.65	T/F7	T/F
2002	1FTNW21F12	128	T/F7	T/F
2002	1FTNW21F12	257.82	T/F7	T/F
2002	1FTNW21F12	63.97	T/F7	T/F
2002	1FTNW21F12	670.48	T/F7	T/F
2002	1FTNW20F02	184.15	T/F7	T/F
2002	1FMSU48FX2	32.67	T/L1	T/F
2002	1FMSU48F82	197.18	T/L1	T/F
2002	1FMNU42F82	75.51	T/L1	T/F
2003	1FTWW33P8	112.61	T/F7	T/F
2003	1FTWW33P8	136.78	T/F7	T/F
2003	1FTWW33P8	142.53	T/F7	T/F
2003	1FTWW33F8	108.8	T/F7	T/F
2003	1FTSW31P83	57.26	T/F7	T/F
2003	1FTSW31P03	180.1	T/F7	T/F
2003	1FT8W31F78	274.78	T/F7	T/F
2003	1FT8W31F53	72.48	T/F7	T/F
2003	1FTNX21P23	343.09	T/F7	T/F
2003	1FTNX20P83	103.04	T/F7	T/F
2003	1FTNW21P83	283.78	T/F7	T/F
2003	1FTNW21P83	38.17	T/F7	T/F
2003	1FTNW21P73	39.34	T/F7	T/F

2003	1FTNW21P33		78.8	T/F7	T/F
2003	1FTNW21P19		203.91	T/F7	T/F
2003	1FTNW21F93		99.56	T/F7	T/F
2003	1FTNW21F63		112.5	T/F7	T/F
2003	1FTNW21F53		44.78	T/F7	T/F
2003	1FTNW21F53		41.95	T/F7	T/F
2003	1FTNW21F33		56.74	T/F7	T/F
2003	1FTNW20F13		48.6	T/F7	T/F
2003	1FM6U45F83		340.12	TA,1	T/F
2003	1FDXF45F83		284.43	T/F7	T/F
2003	1FDWF38P23		90.21	T/F7	T/F
2003	1FDGX35P23		224	T/F7	T/F
2003	1PDAF86P83		266.57	T/F7	T/F
2004	1FTWW33P3		89.14	T/F7	T/F

Completion Date And Time=19 Nov 2003 16:58	Job Size=978.03	Execution Time=76	Precalc Processing=	Cut Off Date=31 Oct 2008	Load Date=11 Nov 2003	Currency Exchange=v6	Generated By=SJOHN 382		
Part Num Base (cause) [typed] = [9A758,%,%], [14401,%,%]	Technician Keywords [typed] = [%UNPLUG%,%], [%CHAP%,%], [%SHAFT%,%], [%COLUMN%,%]								
Order By=VIN	Maximum Claims=Unlimited	Logic=Corporate	Tie Claims=ALL	Claims With Comment s=ALL	Requested Currency=USD	Reported Currency=USD	Requested Distance=Miles	Reported Distance=Miles	Description=No
BOO_CAB_STL	VEP_SERIES_CD	DRIVE_CD	ENG_CD	TRANS_CD	PLANT_CD	PRODN_DT	WRTY_ST ART_DT	NAME	DOC_NUM
T/BD	T/CD	T/E	T/DS	T/DS	A1	18-Aug-00	8-Sep-00	BROWN E	005888A
T/BC	T/BD	T/E	T/DS	T/DS	A1	29-Sep-00	25-Oct-00	NABER FC	6536001
T/BC	T/BD	T/E	T/DS	T/DS	A1	16-Feb-01	12-Mar-01	CHAMPION	117241A
T/BC	T/BD	T/B	T/DS	T/DS	A1	13-Nov-00	3-Jan-01	CHAMPION	330367A
T/BB	T/BD	T/E	T/DS	T/DS	A1	5-Aug-00	24-Sep-01	ROOMAN	1312523A
T/BD	T/CD	T/E	T/DS	T/DS	A1	21-Sep-00	25-Nov-00	ADA FORC	078886A
T/BC	T/BD	T/B	T/DS	T/DS	A2	4-Oct-01	21-Dec-01	WAYNE A	257077A
T/BC	T/CD	T/B	T/DS	T/DS	A1	22-Oct-01	8-Jan-02	CHAMPION	353366A
T/BC	T/CD	T/B	T/DS	T/DS	A1	24-Jun-02	7-Aug-02	JIM BURKI	1805061
T/BC	T/CD	T/B	T/DS	T/DS	A1	15-Feb-02	13-May-02	ISPELD FC	6203302
T/BC	T/CD	T/B	T/DS	T/DS	A1	21-Feb-02	20-Aug-02	METRO FC	43515801
T/BC	T/CD	T/B	T/DS	T/DS	A1	18-May-02	28-Jun-02	MCLARTY	208704A
T/BC	T/CD	T/B	T/DS	T/DS	A1	22-Oct-01	7-Nov-01	WARRICK	102251
T/BC	T/CD	T/B	T/DS	T/DS	A1	26-Apr-02	13-May-02	HELENA F	420101
T/BC	T/CD	T/B	T/DS	T/DS	A1	27-Feb-02	23-Apr-02	THE FORK	245653A
T/BC	T/CD	T/B	T/DS	T/DS	A1	31-Oct-01	24-Apr-02	HENSON	13910802
T/BD	T/CD	T/E	T/DS	T/DS	A1	10-Dec-01	30-Dec-01	SUBURBA	4347101
T/BD	T/CD	T/E	T/DS	T/DS	A1	26-Apr-02	4-Nov-02	MARTY FR	8646901
T/BC	T/CD	T/E	T/DS	T/DS	A1	2-Jan-02	2-Mar-02	ROKSTAD	041545A
T/BC	T/CD	T/E	T/DS	T/DS	A1	25-Sep-01	15-Oct-01	PEYTON C	3862561
T/BC	T/CD	T/E	T/DS	T/DS	A1	8-Feb-02	24-Feb-02	FREEDOM	23981701

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T/BC	T/CD	T/E	T/DS	T/DS	A1	28-May-02	10-Sep-02	DENNY AH	142558A
T/BD	T/BO	T/E	T/DS	T/DS	A1	20-Sep-01	11-Oct-01	BADGER T	751734A
T/BO	T/BO	T/E	T/DS	T/DS	A1	22-Aug-01	14-Dec-01	STAMFOR	119258A
T/BD	T/BD	T/E	T/DS	T/DS	A1	28-Apr-02	27-Oct-02	TOWN & C	4067401
T/BC	T/BD	T/E	T/DS	T/DS	A1	1-Nov-01	15-Dec-01	MOONEY	11126801
T/BC	T/BD	T/E	T/DS	T/DS	A1	27-Apr-02	1-Aug-02	GARRETT	7843501
T/BC	T/BD	T/E	T/DS	T/DS	A1	22-May-02	24-Aug-02	RAY PHIC	246602
T/BC	T/BD	T/E	T/DS	T/DS	A1	1-Dec-01	14-Feb-02	BOB HOW	018409A
T/BC	T/BD	T/E	T/DS	T/DS	A1	19-Oct-01	5-Dec-01	COVERT F	2033501
T/BC	T/BD	T/E	T/DS	T/DS	A1	5-Feb-02	2-Mar-02	DUTRO FC	12887701
T/BC	T/BD	T/E	T/DS	T/DS	A1	81-Oct-01	3-Dec-01	MALLON F	138857A
T/BC	T/BD	T/E	T/DS	T/DS	A1	6-Oct-01	18-Jan-02	COUNTRY	2906801
T/BC	T/BD	T/E	T/DS	T/DS	A1	29-May-02	24-Sep-02	NEWLON	083216A
T/BC	T/BD	T/E	T/DS	T/DS	A1	7-May-02	24-Mar-03	PAULS VA	10339001
T/BC	T/BD	T/E	T/DS	T/DS	A1	8-Jan-02	26-Feb-02	CHAPMAN	7340101
T/BC	T/BD	T/E	T/DS	T/DS	A1	21-Jun-02	11-Jul-02	GOECH F	28976701
T/BC	T/BD	T/E	T/DS	T/DF	A1	30-Jan-02	15-Feb-02	SCAFFIDI	4425708
T/BC	T/BD	T/E	T/DS	T/DS	A1	20-Jan-02	31-Mar-02	NORTH C	272531A
T/BC	T/BD	T/E	T/DS	T/DS	A1	18-Jan-02	26-Sep-02	ROYAL FC	12780001
T/BC	T/BD	T/E	T/DS	T/DS	A1	6-Jan-02	5-Feb-02	AUTOWAY	6881601
T/BC	T/BD	T/B	T/DS	T/DS	A1	6-Dec-01	11-Mar-02	BOB HOW	014095A
T/VD	T/BD	T/E	T/DS	T/DS	A1	4-Jan-02	28-Feb-02	HAMILTON	78260201
T/VD	T/BD	T/E	T/DS	T/DS	A1	21-Jun-02	24-Sep-02	BAM GALL	61471001
T/VD	T/BD	T/B	T/DS	T/DS	A1	14-Sep-01	4-Oct-01	LEIF JOHN	52897001
T/BC	T/CD	T/E	T/YB	T/BE	A1	28-Apr-03	12-Jun-03	ST. JOHN	078298A
T/BC	T/CD	T/E	T/YB	T/BE	A1	25-Feb-03	5-Mar-03	SALLISAW	64757501
T/BC	T/CD	T/E	T/YB	T/BE	A1	29-Apr-03	20-May-03	WICKSTR	087953A
T/BC	T/CD	T/E	T/DS	T/DS	A1	26-Aug-02	2-Oct-02	GARY YEC	38021801
T/BC	T/CD	T/E	T/YB	T/BE	A1	11-Dec-02	31-Dec-02	M.S.A. FOI	12201101
T/BC	T/CD	T/E	T/YB	T/BE	A1	4-Dec-02	14-Feb-03	DONLEY F	7884501
T/BC	T/CD	T/E	T/DS	T/DS	A1	15-Aug-02	9-Sep-02	COVERT F	1568601
T/BC	T/CD	T/E	T/DS	T/DS	A1	31-Jul-02	13-Jul-03	KENDALL	42733001
T/BD	T/BD	T/E	T/YB	T/BE	A1	30-Nov-02	7-Dec-02	KRAPONL	88258001
T/BD	T/BD	T/B	T/DS	T/DS	A1	17-Jul-02	22-Aug-02	COVERT F	1888701
T/BC	T/BD	T/E	T/YB	T/BE	A1	3-Dec-02	17-Dec-02	SANTA FE	365401
T/BC	T/BD	T/E	T/YB	T/BE	A1	22-May-03	30-Jun-03	HATHEWA	6298401
T/BC	T/BD	T/E	T/YB	T/BE	A1	21-Jan-03	18-Feb-03	WELSH M	2549001

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T/BC	T/BD	T/E	T/YB	T/BE	A1	6-Jun-03	2-Jul-03	DICK'S MA	15332401
T/BC	T/BD	T/E	T/YB	T/BE	A1	2-Jan-03	31-Jan-03	BURT FOR	496243A
T/BC	T/BD	T/E	T/DB	T/DB	A1	25-Jul-02	12-Oct-02	AKINS FO	4045351
T/BC	T/BD	T/E	T/DB	T/DB	A1	20-Sep-02	22-Oct-02	ATCHINS	17439001
T/BC	T/BD	T/E	T/DB	T/DB	A1	9-Oct-02	24-Oct-02	JIM WILSC	6376401
T/BC	T/BD	T/E	T/DB	T/DB	A1	9-Oct-02	28-May-03	COMMER	016073A
T/BC	T/BD	T/E	T/DB	T/DB	A1	29-Jul-02	18-Aug-02	LUMBERT	1224761
T/BC	T/BD	T/B	T/DB	T/DB	A1	28-Oct-02	6-Nov-02	CHENOW	13776801
T/BD	T/BD	T/E	T/DB	T/DB	A1	23-Aug-02	11-Jun-03	JOHN ELY	232180A
T/BB	T/DB	T/B	T/DB	T/DB	A1	13-Aug-02	26-Feb-03	LAWRENC	87267001
T/BB	T/CD	T/B	T/YB	T/BE	A1	14-Jan-03	29-Jan-03	MIDWAY R	222380A
T/BD	T/CD	T/E	T/YB	T/BE	A1	18-Feb-03	15-Apr-03	DITSCHM	12667901
T/BB	T/EB	T/B	T/YB	T/BE	A1	1-Nov-02	24-Apr-03	SUBURBA	5876501
T/BC	T/CD	T/E	T/YB	T/BE	A1	31-Jul-03	9-Aug-03	PALLOTTA	115480D

PH_NUM	WCC_CD	PART_NUM M_CAUS_PREF	PART_NUM M_CAUS_BASE	PART_NUM M_CAUS_ONC_CD SUFF	CUST_C	COND_C	RPR_DT	TIS_WSD	CLM_KEY	MILGE	MTRL_C OBT
3215100	7802	*	14401	*	E35	X1	8-Feb-01	8	749259	9201	1.87
7472213	7802	*	14401	*	D50	95	2-Nov-00	1	440388	1010	0
3714000	7802	*	14401	*	A88	7	2-Jan-02	10	6067454	18028	0
6754700	7802	*	14401	*	D50	43	6-Jul-01	7	2269742	11504	36.88
5433333	7802	*	14401	*	A85	B4	26-Jul-09	23	15340789	25808	2.88
3328161	7802	*	14401	*	C27	28	19-Jun-02	20	8288158	20471	1.43
5824444	7802	*	14401	*	D21	28	17-Mar-03	18	5001808	27820	0
6784700	7802	*	14401	*	D50	42	8-Feb-02	2	670763	4138	0
3263600	7802	*	14401	*	D21	28	18-Nov-02	4	3516448	4582	112
6530711	7802	*	14401	*	G32	X7	7-Mar-03	10	4884162	28491	2.14
3821010	7802	*	14401	*	D21	30	28-Sep-03	14	7517759	13049	0
7827121	7802	*	14401	*	G28	B4	6-Jun-03	12	6071397	24114	2.96
7932233	7802	*	14401	*	D02	30	25-Jan-02	3	802014	405	1.66
4426310	7802	*	14401	*	D41	95	24-Jun-02	2	1712483	4087	0
3522000	7802	*	14401	*	D13	X1	5-Jun-02	2	1558131	3083	0
3489610	7802	YC3Z	14401	A88	D50	28	8-May-03	13	6701958	47443	0
6665511	7802	*	14401	*	D41	B4	18-Oct-02	10	3181182	29832	112
7224181	7802	*	14401	*	E29	X7	31-Jan-03	9	4527632	1000	1.43
2638127	7802	*	14401	*	E29	30	21-Jun-02	4	1744594	8147	0.55
3706311	7802	*	14401	*	D13	28	14-Mar-02	6	1030175	28428	0
4859411	7802	*	14401	*	D50	42	30-Mar-02	2	1033091	2178	0

Default Claims (no Date Filters)-Up to current cutoff date

4803690	7502	*	14401	*	D03		28	6-Jan-03	4	4058895	8282	0
3449500	7502	*	14401	*	L29	X2		20-Dec-01	3	1090502	4821	0
3570957	7502	*	14401	*	P83		28	13-Mar-02	3	1883016	3500	0
2885211	7502	*	14401	*	D50	X1		9-Oct-03	12	7717701	17834	0
3453673	7502	*	14401	*	E29	X7		15-Nov-02	12	3514173	30360	0
4843431	7502	*	14401	*	D60		30	16-Sep-02	2	2758680	5427	0.55
8391111	7502	*	14401	*	D21		30	30-Sep-03	14	7740480	13323	0
2327171	7502	*	14401	*	E29	X2		22-May-02	4	1583147	7967	0
3658000	7502	*	14401	*	D42		43	14-Jun-03	19	6213834	34227	0
4528334	7502	*	14401	*	D42		28	25-Jun-02	4	1705731	8500	0
4740511	7502	*	14401	*	E29		42	28-Mar-02	4	1121355	5346	0
5893392	7502	*	14401	*	D21	B4		25-Mar-02	3	926195	3599	0.95
3425148	7502	*	14401	*	A85		30	19-Aug-02	0	2345778	80	0.95
2386466	7502	*	14401	*	D21	B4		16-Aug-03	5	7017598	12420	0
2994331	7502	1C3Z	14401	FAA	D50		28	23-Sep-02	7	2780092	14489	284.97
8583161	7502	*	14401	*	A85	B4		9-Aug-02	1	2310800	1100	37.39
3444100	7502	*	14401	*	D02	B4		9-May-03	15	5817498	29872	13.53
	7502	*	14401	*	A85		30	14-Aug-02	5	2420653	7515	0
7822261	7502	*	14401	*	E29		1	11-Jul-03	10	6878885	24127	0
7963626	7502	*	14401	*	D42	X2		15-Oct-02	9	3036189	14336	0
2327171	7502	*	14401	*	D21	X2		3-Jun-02	3	1508103	8659	0
7824427	7502	*	14401	*	D02		28	28-Feb-02	0	792480	95	0
9363873	7502	*	14401	*	D21		30	18-Dec-02	3	3841014	9948	0
4543711	7502	*	14401	*	E29		28	18-Feb-02	5	709471	8248	0
2246711	7502	*	14401	*	D21		30	11-Aug-03	3	2107928	12049	0
7754401	7502	*	14401	*	D42	B4		12-Jul-03	5	2049531	7722	0
3818850	7502	*	14401	*	A85		30	23-Jul-03	3	1865782	5117	0
2538771	7502	*	14401	*	D21		30	27-Feb-03	5	622480	7745	0
8572293	7502	*	14401	*	D18		7	13-Mar-03	3	1446490	4689	0
3622222	7502	*	14401	*	D41	X7		28-Aug-03	7	2344838	19322	0
3658000	7502	*	14401	*	L25		28	6-Jan-03	5	378848	8042	0.89
3422151	7502	*	14401	*	E29		30	29-Jul-03	1	2305851	2045	0
7722991	7502	*	14401	*	E29		30	30-Jan-03	2	582402	1513	0
3858000	7502	*	14401	*	D42		28	25-Apr-03	9	1004269	10035	0
4822802	7502	*	14401	*	D21		30	10-Mar-03	3	776539	8314	133.91
5484484	7502	*	14401	*	E29		42	29-Sep-03	4	2684284	2732	0
5493826	7502	*	14401	*	E29	B4		20-Mar-03	1	794720	3284	0

6931133	7302	*	14401*	E29	X2	15-Aug-03	2	2327750	521	0
6439000	7302	*	14401*	D13		28 15-Apr-03	3	956710	2389	0
6679136	7302	*	14401*	D42	B4	2-Dec-02	2	264830	3990	0
6979151	7302	*	14401*	D21		30 4-Sep-03	11	2388412	10293	0
8434128	7302	*	14401*	D50	B4	16-Dec-02	2	303256	1715	0
7585331	7302	*	14401*	D21		30 16-Oct-03	5	2976784	5513	9.72
7386251	7302	*	14401*	D36	B4	28-Apr-03	8	1102009	16335	0
8238501	7302	*	14401*	D21		30 27-May-03	7	1275412	6739	0
4215350	7302	*	14401*	D21	X2	3-Mar-03	0	669694	570	0
8288025	7302	*	14401*	D42	B4	12-Feb-03	0	548819	50	1.49
4553000	7302	*	14401*	D02		26 8-Jul-03	6	2003312	14114	1.69
7823673	7302	*	14401*	A88	B4	15-May-03	2	1216132	1652	3.66
6685511	7302	*	14401*	E29	B4	14-Oct-03	6	2907082	20281	0
3456800	7302	*	14401*	E29	B4	12-Sep-03	2	23905	4385	0.34



TOT_CO ST_GRO SS	LBR_HRS	DLR_CD	DLR_SUB _CD	REGION_ CD	ST_PROV _CD	CPSC_C D_8	TECH_TX T1	TECH_TX T2	CUST_TX T	AREA_CD	COUNTR Y_CD	SLS_DLR _CD
425.1	7.1	B7031	*	NA	BC	180102	14808 . CH FUSE, EN	REPAIR N		604	CAN	4B7225
63.85	1.5	B4021	*	NA	SK	180102	DIAGNOSE WIRING	(ENGINE W		308	CAN	4B4021
118.4	1.8	4473	*	NA	TX	180102	BCE DIAG R&I COLU	C S WHEN		713	USA	152024
174.48	2.1	4817	*	NA	TX	180102	11804 W/L. REMOVE	ACCELERI		281	USA	152054
115.37	1.5	8890	*	NA	MA	180102	VERIFY FUSE 18 BL	VEHICLE Y		508	USA	111067
85.93	1.5	340	*	NA	OK	180102	CHECKED FOR BLOW	WP #18 FI		580	USA	152605
285.17	4.2	4879	*	NA	FL	180102	27830 28 VM STEER	I D21 CUST		581	USA	124218
275.18	4.2	4817	*	NA	TX	180102	4199 BASE IDLE BO	D DIESEL E		281	USA	171432
415.08	4.3	5471	*	NA	CA	180102	EEC TEST NCE	VICUST STA		881	USA	171491
205.01	3.9	A7056	*	NA	BC	180102	DIAG TRA	REPLACE REPAIR R		604	CAN	4A7056
145.85	2.2	20867	*	NA	NY	180102	CHAFFED C2040 CK	CHECK CL		518	USA	113527
88.28	1.3	6018	*	NA	TX	180102	CHECK INST PANEL	INST PAN		903	USA	152424
378.98	7	4720	*	NA	IN	180102	INST CLUTIVE COV	(ENGINE W		785	USA	482258
111.8	1.8	7889	*	NA	MT	180102	ROAD TEST D WORN	CUSTOME		408	USA	156443
231.18	2.4	3925	*	NA	CA	180102	VERIFIED ED FUSE,	INSPECT		810	USA	172018
78.71	1.2	9018	*	NA	TX	180102	RUN DIESEL PERF	TICUST STA		936	USA	152777
325.39	2.8	8590	*	NA	OR	180102	LOOM SHORTED OU	CUST STA		603	USA	174408
88.34	1.1	7788	*	NA	CA	180102	CIRCUIT 840 RUBB	CHECK FC		881	USA	172401
135.58	2.3	8513	*	NA	ID	180102	ROAD TEST COMMUN	ICUST STA		208	USA	174445
182.89	2.1	10181	*	NA	CA	180102	CK ENG S RE AND	REPAIR WIR		310	USA	171150
152.69	3	B6270	*	NA	AB	180102	ROADTES RUBBED	C E L IS O		780	CAN	4B6277

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167.06	3.1	B3250	NA	AB	180102	18329 INT RED CHAI	CHECK AN	780	CAN	488097
201.78	3	8212	NA	WI	180102	DIAG SHORT IN OVE	BLOWS FI	414	USA	141802
158.52	2	3807	NA	CT	180102	FUSE 48 EG COLUM	OWNER S	203	USA	113443
587.29	7.1	8179	NA	OR	180102	FOUND CIRCUIT 387	DIES WHIL	503	USA	174016
59	1	4849	NA	IL	180102	ROAD TEST FOR NO	CUSTOMER	217	USA	141472
58.15	1	1021	NA	NC	180102	PERFORM NGS TEST	AFTER CC	828	USA	121682
57.86	1	20818	NA	PA	180102	WIPE #1285 RD LG.	CK ENGIN	570	USA	118054
258.56	4.3	3028	NA	OK	180102	7967 TESTREAKOUT	CK ENG L	405	USA	152201
113.78	1.8	3042	NA	TX	180102	EEC TEST, PINPOIN	D42 PER C	512	USA	152732
50.87	0.9	2233	NA	OH	180102	CHKD PWR TO INST	DASH GAI	740	USA	147851
88.47	1	7587	NA	WA	180102	CONNECT NGS TO F	CUST STA	253	USA	174203
74.45	1.5	7157	NA	SD	180102	CHECK STALLING O	THE ENGE	606	USA	158735
87.22	1.2	5299	NA	OH	180102	CHECK WING COLU	CUST STA	740	USA	147083
198.4	3.1	8640	NA	OK	180102	TEST DRIV TURBO H	ENGINE D	405	USA	152581
582.95	4.7	3965	NA	PA	180102	PERFORM SS; CLEAR	CUSTOMER	717	USA	118505
203.23	2.4	5418	NA	CA	180102	TRACE AND REPAIR	CUSTOMER	809	USA	171426
141.83	2	6355	NA	WI	180102	28872 PUSPAIR AND	TOW IN N	715	USA	141389
257.82	3.4	8481	NA	CA	180102	VERIFIED (88 INSR	CUST STA		USA	171079
88.45	1.6	B4018	NA	SK	180102	EEC TESTED, PG221	WHEN CK	306	CAN	484894
870.48	10.9	4981	NA	FL	180102	SHORTED PERFORM	CUSTOMER	352	USA	124401
184.15	2.9	3028	NA	OK	180102	8858 TEST G TO AP	FQUIT'S WH	405	USA	152201
72.87	0.5	20422	NA	NM	180102	OPEN CIRCUIT VER	CUSTOMER	503	USA	168811
107.18	3	4845	NA	FL	180102	TESTED BED ON SU	CUSTOMER	259	USA	124480
75.31	1.1	4485	NA	TX	180102	FOUND W:88 ALSO C	CHECK EN	512	USA	152300
112.81	1.7	2831	NA	MI	180102	12048 WD WIRE AN	CUST STA	889	USA	123250
136.76	2.5	8882	NA	OK	180102	RETRIEVE FT AND	CIND POWE	918	USA	152517
142.58	1.7	1587	NA	IL	180102	8117 BAD I1 THREE	SPECIAL C	847	USA	141081
108.8	1.6	4790	NA	FL	180102	SHORT TO ATTACHE	D50 CUST	388	USA	124481
81.28	1.1	B7225	NA	SC	180102	CHECK TRND WIRE	REPAIR IN	604	CAN	487225
180.1	3	8287	NA	OH	180102	ACCELERATOR PED	CK ENGIN	740	USA	144075
276.74	4	3042	NA	TX	180102	TIME TO TRACE AND	L29, ALL L	512	USA	152146
72.46	1	8599	NA	OR	180102	WIRING TIT INTERF	CHECK EN	541	USA	174210
421.09	8.4	8722	NA	MI	180102	EEC TEST, CALLED F	CHECK EN	889	USA	148697
188.04	1.5	3042	NA	TX	180102	PP TEST LOCATE AN	CUST STA	512	USA	152302
417.87	8	4888	NA	FL	180102	VERIFY C (STALLS	W ENGIN S	366	USA	124444
41.6	1	B3817	NA	NB	180102	CK UT AND FOUND	(REPAIR C	506	CAN	483817
39.34	0.7	2322	NA	OH	180102	CODE P2122 P2138	(CUSTOMER	330	USA	144163

78.5	1	8532 *	NA	OR	180102	RUBBED T8 CODE P	CUST ADV	503	USA	174408
203.91	2.7	3188 *	NA	CO	180102	6.0 DIESEL ENGINE	E29 CUST	303	USA	158009
99.58	1.4	402 *	NA	GA	180102	MONITOR AP & IVS.	CUST STA	770	USA	121480
112.5	1.5	2731 *	NA	MI	180102	FOUND ACCELL PED	ENGINE S	734	USA	148400
44.78	0.7	7748 *	NA	CA	180102	DIAG, CHE TEST, NO	CHECK KE	530	USA	172454
51.87	0.7	4405 *	NA	TX	180102	TEST ON WDS, CK P	ENG WILL	381	USA	152139
58.74	1.1	1013 *	NA	NC	180102	FOUND CHAPPED W	CHECK TR	910	USA	121773
48.8	0.9	7457 *	NA	WV	180102	30 WIRE CNG SHAF	D21 CUST	304	USA	124205
340.12	4.7	1108 *	NA	CO	180102	2370 VERI SHAFT, P	ENG STAL	303	USA	156007
285.89	4.2	3282 *	NA	TX	180102	14401 CC G COLUM	D42 CC TH	879	USA	152168
91.89	1.2	5009 *	NA	MO	180102	45 FOUND FUSE AND	ENGINE W	818	USA	153900
227.68	2.8	4218 *	NA	NJ	180102	FUSE BLCK GRN	CUSTOME	908	USA	118419
266.57	3.5	8580 *	NA	OR	180102	AP HARNESS WORE	CUSTOME	503	USA	174022
89.48	1.3	2175 *	NA	OH	180102	4870 PERI CIRCUIT	CHECK ER	330	USA	147035

TXN_CD	ENTRY_S OLD	QRT_CD	VFG_CD	AWS_VL CD	VRT_CD	TIS_FLAG
	2	CAN	*	V44	F7	S11
	1	CAN	*	V44	F7	S11
E83		USA	*	V17	F7	S09
	1	USA	*	V44	F7	S11
E83		USA	*	V17	F7	S09
E83		USA	*	V19	F7	S09
E83		USA	*	V42	F7	S11
	2	USA	*	V44	F7	S11
	2	USA	*	V42	F7	S11
E83		CAN	*	V83	F7	S09
	2	USA	*	V42	F7	S11
E83		USA	*	V83	F7	S09
	2	CAN	*	V43	F7	S11
	2	USA	*	V41	F7	S11
	1	USA	*	V40	F7	S11
0711D		USA	*	V44	F7	S11
E83		USA	*	V41	F7	S11
	2	USA	*	V44	F7	S11
	2	USA	*	V44	F7	S11
E83		USA	*	V40	F7	S11
	2	CAN	*	V44	F7	S11

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CONFIDENTIAL

	2	CAN	*	V43	F7	S11
	1	USA	*	V77	F7	S09
	2	USA	*	V48	F7	S11
E83		USA	*	V44	F7	S11
E83		USA	*	V44	F7	S11
	1	USA	*	V44	F7	S11
E83		USA	*	V42	F7	S11
	2	USA	*	V44	F7	S11
E83		USA	*	V41	F7	S11
	2	USA	*	V41	F7	S11
	1	USA	*	V44	F7	S11
	2	USA	*	V42	F7	S11
	1	USA	*	V17	F7	S09
E83		USA	*	V42	F7	S11
E83		USA	*	V44	F7	S11
	1	USA	*	V17	F7	S09
E83		USA	*	V43	F7	S11
	1	USA	*	V17	F7	S09
E83		CAN	*	V44	F7	S11
E83		USA	*	V41	F7	S11
	2	USA	*	V42	F7	S11
	1	USA	*	V43	L1	S11
	1	USA	*	V42	L1	S11
	1	USA	*	V44	L1	S11
E83		USA	*	V42	F7	S11
	1	USA	*	V41	F7	S11
	1	USA	*	V17	F7	S09
	2	USA	*	V42	F7	S11
	1	CAN	*	V40	F7	S11
E83		USA	*	V41	F7	S11
	2	USA	*	V77	F7	S09
	2	USA	*	V44	F7	S11
	1	USA	*	V44	F7	S11
E83		USA	*	V41	F7	S11
	1	USA	*	V42	F7	S11
	1	CAN	*	V44	F7	S11
	1	USA	*	V44	F7	S11

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ENTIRE PAGE  
CONTAINS  
IDENTIFYING

	2	USA	*	V44	F7	S11	
	2	USA	*	V40	F7	S11	
	2	USA	*	V41	F7	S11	
	1	USA	*	V42	F7	S11	
	1	USA	*	V44	F7	S11	
	2	USA	*	V42	F7	S11	
E83		USA	*	V41	F7	S11	
	2	USA	*	V42	F7	S11	
	1	USA	*	V42	L1	S11	
	1	USA	*	V41	F7	S11	
E83		USA	*	V43	F7	S11	
	2	USA	*	V17	F7	S00	
E83		USA	*	V44	F7	S11	
	2	USA	*	V44	F7	S11	