



Impact Diesel Performance

4002 Burrton Ave.
Saskatoon, SK S7P 0E1
306-649-3835

DUPLICATE

Invoice #40611

Tuesday, January 20, 2026

Ordered on
Monday, June 9, 2025

Workorder # 49386

MAKE & MODEL		FLEET NO.	PHONE	REP	CSH	PO #	TERMS		
2004 Ford F350 Srw Super Duty Lariat				Scott G	SG		Net 30		
LICENSE NO.	KM IN/OUT	VIN	TORQUE	ENGINE SIZE	TRANSMISSION	COLOUR	PRD DATE		
287 IPF	383155	1FTSX31P64EA77501		6.0L V8 F	6 SPD MANUAL M 4				
CATALOG	DESCRIPTION			QTY	PARTS	LABOR	DISC	TOTAL	Code

CONCERN Truck went to Wilkie Auto and they diag'd 2 bad injectors - 4&7

Truck is significantly lacking power - little to no accereration at all - hard to get to even 30 KM/hr

Wilkie auto suggested to bring the truck to us

DIAGNOSTIC Customer requested we check differential fluids - Transmission service - T-Case fluid change
Diagnostic Scan 1.5 125.00 \$187.50 ME
Initial scan brought up injector circuit low codes for all 8 injectors - P0261 - P0264 - P0267 - P0270 - P0273 - P0276 - P0279 - P0273
There is also a P0281 - Contribution fault - cylinder #7

Checked batteries and they are dead - will not take a charge

VICM voltage drops to 30-40V - Needs to be over 48V

When we did have the engine running the coolant system seems to be building pressure and is very dark but we need to get the engine running properly to diagnose further

We would suggest to replace the batteries and FICM and then re-assess the truck

G6572	Automotive Battery - 850CCA 1050CA	2	180.00	\$360.00	
AP65123	Alliant Power Reman Fuel Injection Control Module (FICM) - 6.0L Ford (2003-2004)	1	685.00	\$685.00	
LAB	Labour/Install	2	125.00	\$250.00	ME

After replacing the batteries and FICM we ran the truck again - Injector codes are no longer present and the engine idles a bit better

FUELED BY DIESEL - DRIVEN BY DESIRE

PAID BY Account \$21,021.43	Parts	\$13,061.27	Taxable	\$18,820.17
	Labour	\$5,390.00	PST Tax	\$1,129.21
	Freight	\$150.00	GST Tax	\$941.01
	Other	\$149.94		
	Supplies	\$200.00	TOTAL	\$21,021.43

PLEASE NOTE THERE IS A CONVENIENCE FEE OF 1.5% ON PAYMENTS OVER \$5,000.00 PAID BY CREDIT CARD.

Items returned after 30 days is subject to a 10% restocking fee.

Warranty does NOT include freight! Warranty does NOT include labour outside of manufacturer limit.

Electronic items are non-refundable.

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GST #804746097RT0001

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On a power balance test we found that cylinder # 4 & 7 are dropping off
Even after just a short period of idle time the coolant system was building in excess of 17 PSI of pressure - this indicates to us that headgasket(s) have failed

AC	Air Conditioning Service	1	250.00	\$250.00	JR
LAB	Labour/Install - Teardown	10	125.00	\$1,250.00	JR

Upon teardown with cylinder heads off we can see that a considerable amount of coolant has sat inside of cylinder #1 and #3. Erosion has taken place and has made its way through the cross hatching of the cylinders. Can have the work completed however the truck will burn oil. Or Replacement engine can be quoted
NO WARRANTY ON HEADGASKET

Found Oil in the ICP sensor - Sensor and Pigtail are in need of replacement
Oil cooler is full of sludge and is in need of replacement
EGR system is still installed on the truck. Recommend removal

HEAD CHECK	Head Check for Cracks and Surface Degrease Strip and Assembly Heads Magnaflux Heads Crack Check OK @ 60PSI Install All New Guide Liners Grind All 32 Valves Grive Valve Seats All 32 Resurface Heads - .005 Thou Line Guide Liners All 32	2	1,175.00	\$2,350.00	
MCI HS54450	Mahle Upper Head Gasket Set 18mm - 6.0L Ford (2003-2006)	1	850.00	\$850.00	
ARP 250-4202	ARP Head Studs - 6.0L Ford (2003-2007)	1	1,094.03	\$1,094.03	
INJ TEST - HEUI	Customer has requested we have injectors sent away for testing @ 8/21/2025 8:35 Heui Injector Test Injector to ship 9/10/2025 Puro # 520046830326	8	80.00	\$640.00	JR
FREIGHT	Freight - Round trip to Alberta	1	80.00	\$80.00	

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Inj # 1 - Pass
 Inj # 2 - Fail - Purge - Rated load - Max Torque - and Idle
 Inj # 3 - Pass
 Inj # 4 - Fail - Purge - Rated Load - ax Torque - Idle
 Inj # 5 - Pass
 Inj # 6 - Fail - Electrical
 Inj # 7 - Fail Purge - Rated Load - Max zTorque and Idle
 Inj # 8 - Fail - Electrical - Rated Load
 All injectors should be replaced

AP60900	Alliant Power Reman Injector - 6.0L Ford (2003-2004)	8	350.00					\$2,800.00	
FREIGHT	Freight	1	30.00					\$30.00	
S/N - 20298328 - 20440613 - 20428697-20596639 - 20440612 - 20098986 - 20440608 - 20440606									
AP63407	Alliant Power Injection Control Pressure (ICP) Sensor - 6.0L Ford (2003-2004)	1	227.28					\$227.28	
AP0021	Alliant Power ICP/EBP Sensor Connector Pigtail - Ford (1994-2010)	1	71.83					\$71.83	
FREIGHT	Freight	1	40.00					\$40.00	
Found both fuel supply tubes are bent and seized inside the engine bay - tubes in need of replacment									
3C3Z-9A332-AA	Fuel Supply Tube - Ford	2	431.86					\$863.72	
AP63451	Alliant Power Engine Oil Cooler Kit - 6.0L Ford (2003-2007)	1	628.40					\$628.40	
RDE EGR60	EGR And Cooler Kit - 6.0L Ford	1	390.00					\$390.00	
MOT 510-192	Moto-Rad Engine Coolant Thermostat - 6.0L Ford (2003-2007)	1	60.92					\$60.92	
MOBIL 15W40	Delvac 15w40 Oil	16	6.56					\$104.96	
EHC - 05	Enviro Fees	16	.05					\$0.80	
FL-2016	Oil Filter - 6.0L/6.4L Ford	1	76.91					\$76.91	
EHC - 60	Enviro Fees	1	.60					\$0.60	
FD-4616	Fuel Filter - 6.0L Ford (2003-2007)	1	205.37					\$205.37	
EHC - 60	Enviro Fees	1	.60					\$0.60	
REC 15-881	Power Steering Fluid	1	14.39					\$14.39	
EHC - 14	Enviro Fees	1	.14					\$0.14	
REC 15-811	Dot 3 Brake Fluid 1 Liter	1	19.51					\$19.51	
LAB	Labour/Install	16				125.00		\$2,000.00	JR

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CUM CC2638-X	Coolant system flush							
ANTIFREEZE - F	Cummins Restore Coolant System Cleaner - Scale	0.5	80.00				\$40.00	
EHC - 60	Antifreeze - 6.0L/6.4L Ford (2003-2011)	14	9.36				\$131.04	
LAB	Enviro Fees	14	.60				\$8.40	
	Labour/Install	2			125.00		\$250.00	JR
CXT-10-LV12	Mercon LV - Ford ATF	13	15.09				\$196.17	
EHC - 55	Enviro Fees	13	.55				\$7.15	
FT-144	Automatic Transmission Internal Filter - 6.0L Ford (2003-2006)	1	78.52				\$78.52	
F6TZ-7A191-A	Trans Pan Gasket	1	56.10				\$56.10	
LAB	Labour/Install - Transmission Service + T-Case	2.5			125.00		\$312.50	JR
80W90	80w90 Gear Oil	3.5	16.61				\$58.14	
EHC - 14	Enviro Fees	3.5	.14				\$0.49	
LAB	Labour/Install - Front Differential	1			125.00		\$125.00	JR
75W140	Gear Lubricant 75W140	5	39.61				\$198.05	
EHC - 14	Enviro Fees	5	.14				\$0.70	
ACD 992694	AC Delco Limited Slip Axle Lube	1	11.97				\$11.97	
EHC - 02	Enviro Fees	1	.02				\$0.02	
LAB	Labour/Install - Rear Differential	1			125.00		\$125.00	JR
SS	Shop Supplies						\$200.00	
STORAGE	Storage Fee - For Vehicles Left For Extended Periods	1	1,620.00				\$1,620.00	

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