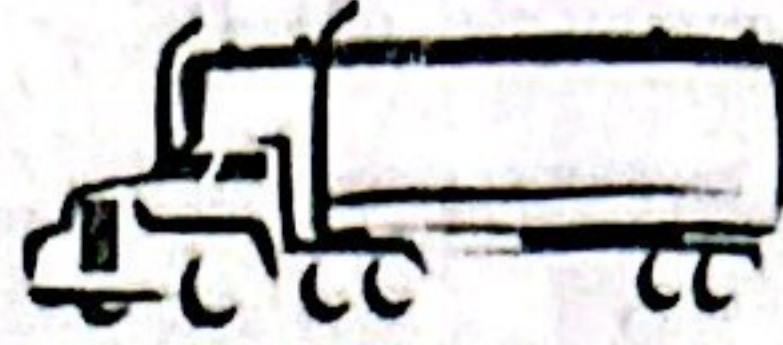


Dave's Diesel Service, Inc.  
 4702 SE US Hwy 169  
 St. Joseph, MO 64507  
 julie@davesdieselservice.com  
 (816) 232-4542



Invoice: D-49209

Date: 5/8/2024

Bill To  
 JOSEPH BREMER

P: 660-448-2485

Remit Payment To  
 Dave's Diesel Service, Inc.  
 4702 SE US Hwy 169  
 St. Joseph, MO 64507

Service Order	Terms	Due Date	Authorizer	Customer PO	Service Writer	Unit #
D-37751	COD	5/8/2024	Not provided		Linares, Janie	30

Item	Description	Quantity	Rate	Amount
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Customer Comment: / CLUTCH, TRANSMISSION MAKING NOISE /// PULL AND SWAP ENGINE WITH REMAN ENGINE, REPLACE CLUTCH

Cause: ENGINE HAD BROKEN CRANK

(Inspection)

Labor	Correction:	61.33000	\$160.00	\$9,812.80
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Chassis / Chassis / PULLED PAN OFF TO INSPECT CRANK FOUND CRANK TO BE BROKEN. REMOVE AND REPLACE WITH REMAN ENGINE. DISCONNECTED HOOD SPRINGS, REMOVED HOOD. RECOVERED AC SYSTEM. DISCONNECTED TRANSMISSION COOLER LINES. UNBOLTED AND REMOVED RADIATOR, SHROUD AND ENGINE FAN. REMOVED EXHAUST PIPING. REMOVED AIR INTAKE PIPING AND CHARGED AIR TUBES. RECOVERED AC SYSTEM. DISCONNECTED ALL ELECTRICAL, PRESSURE LINES AND AIR LINES FROM ENGINE. REMOVED STARTER. REMOVED TRANSMISSION. PULLED CLUTCH OFF ENGINE WHILE IT WAS OUT. REMOVED FLYWHEEL, TURNED FLY WHEEL ON MACHINE, INSTALLED NEW HEAD SHAFT KIT ON TRANSMISSION, INSTALLED NEW CLUTCH RELEASE SHAFT AND THE SHORT SHAFTS. REPLACED CLUTCH SHAFT LEVER IT WAS WORE. INSTALLED NEW CLUTCH BRAKE. INSTALLED FLYWHEEL AND NEW 2250 POUND CLUTCH ON REMAN ENGINE. UNBOLTED AND REMOVED ENGINE FROM CHASSIS. R+R FRONT AND REAR ENGINE MOUNT BUSHINGS. REMOVED FAN HUB, ALTERNATOR AND ACCESSORY BRACKET FROM OLD ENGINE AND INSTALLED ON NEW ENGINE. INSTALL FLYWHEEL ON NEW ENGINE AND NEW BELTS. INSTALLED NEW REMAN ENGINE INTO FRAME AND BOLTED IN PLACE. REINSTALLED STARTER. REINSTALLED WIRES TO STARTER. SWITCHED OVER ALL COOLANT FITTINGS FROM OLD ENGINE TO NEW ENGINE. REINSTALLED EXHAUST PIPES. REPLACED SOME OF THE COOLANT HOSES ON ENGINE WITH NEW ONES. FILLED ENGINE WITH NEW OIL AND COOLANT. REINSTALLED HOOD AND HOOD SPRINGS. ADJUSTED HOOD AS NEEDED. SECURED ALL WIRING, PRESSURE LINES, AC LINES AND COOLANT HOSES TO ENGINE AS NEEDED. RECONNECTED AC LINES. VACUUMED A/C SYSTEM AND RECHARGED AS NEEDED. HOOKED BATTERIES BACK UP FOUND TOO WIRES THAT NEEDED ENDS PUT ON THEM PUT ENDS ON AND CLEANED THE BATTERY CABLES THERE WAS CORROSION ON THEM, STARTED ENGINE AND CHECKED FOR LEAKS. FOUND THE AC SYSTEM NOT WORKING CORRECTLY FOUND A LEAK ON HOSE THAT RUNS TO THE TOP OF THE AC COMPRESSOR IT WAS ON THE HIGH SIDE. HOSE WAS BUILT SPECIFICALLY FOR THIS TRUCK SINCE THE ISX CUMMINS HAS A DIFFERENT AC COMPRESSOR THEN THE CAT DOES. TAKE END OFF AND CRIMP NEW END ON IT, IT WAS LEAKING AROUND THE CRIMPED AREA. REFILL AC SYSTEM. FOUND THE HIGH SIDE PRESSURE SWITCH WASN'T WORKING RIGHT REMOVE AND REPLACE THE HIGH PRESSURE SWITCH. -

Completed: 5/8/2024

Parts	CLUTCH INS - N25-K2468	1.00000	\$185.26444	\$185.26
Parts	RECON ENGINE - 0R8700	1.00000	\$49,733.99	\$49,733.99
Parts	Inherent Core for RECON ENGINE - COR0R8700	1.00000	\$7,587.03	\$7,587.03
Parts	Dirty Core for RECON ENGINE - COR0R8700	-1.00000	\$0.00	\$0.00
Parts	CLUTCH, 15.5,2250 TOR - 10893731	1.00000	\$1,146.1142	\$1,146.11
Parts	SHAFT-CLUTCH - 06-01093	1.00000	\$66.0611	\$66.06
Parts	SHAFT - 106C1498	1.00000	\$15.83735	\$15.84
Parts	LEVER - 06-00715	1.00000	\$77.57996	\$77.58
Parts	SHIFTER COVER - S22-6041M00	1.00000	\$250.6119	\$250.61
Parts	CLUTCH BOLT - 197325	8.00000	\$2.81345	\$22.51
Parts	BELT - 9560	2.00000	\$28.20	\$56.40
Parts	"2" CLUTCH BRAKE" - SCB200	1.00000	\$43.1585	\$43.16

*Handwritten notes:*  
 1323  
 # 73274  
 5/8/24  
 [Signature]

Item	Description	Quantity	Rate	Amount
Parts	BELT - TR22545	2.00000	\$37.90414	\$75.81
Parts	HOSE - 213-4	4.00000	\$6.29556	\$25.18
Parts	MOUNT-E - 05-16401	2.00000	\$41.762	\$83.52
Parts	#4 FITTING - PH-20821-4-4	2.00000	\$27.0678	\$54.14
Parts	HOSE CLAMP - 9210	6.00000	\$2.70588	\$16.24
Parts	HOSE CLAMP - 9212	1.00000	\$2.6924	\$2.69
Parts	HOSE CLAMP - 9216	1.00000	\$2.79891	\$2.80
Parts	AC LINE - AC LINE REPAIR	1.00000	\$85.371	\$85.37
Parts	HOSE - 26244	4.00000	\$25.905	\$103.62
Parts	BAND CLAMP - DNSX007785	1.00000	\$19.57439	\$19.57
Parts	FREON - 134A	3.00000	\$13.55768	\$40.67
Parts	FILTER - 9M2342	1.00000	\$17.865	\$17.87
Parts	ORING - 8H2778	1.00000	\$4.0485	\$4.05
Parts	ENGINE OIL - 15/40	44.00000	\$6.88857	\$303.10
Parts	ENVIRONMENTAL CHARGE - HAZENV	1.00000	\$4.50	\$4.50
Parts	ROTELLA ELC - 940420055	9.00000	\$16.74618	\$150.72
Parts	FLUID - ATF111	3.00000	\$12.735	\$38.21
Parts	SILICONE HOSE 5/8 - 26251	20.00000	\$19.15509	\$383.10
Parts	HEATER HOSE - 26242	9.00000	\$18.42	\$165.78
Parts	HEATER HOSE. SIL - 3230-1	4.00000	\$9.4679	\$37.87
Parts	HOSE CLAMP - 9208	8.00000	\$2.62626	\$21.01
Parts	SWITCH - 18-03835	1.00000	\$98.9786	\$98.98
Parts	HOSE CLAMP - 9210	4.00000	\$2.70588	\$10.82
Parts	BATTERY TERMINAL - 8-4163	2.00000	\$5.77139	\$11.54
Parts	HOSE CLAMP - 9220	2.00000	\$2.77482	\$5.55
Parts	BELL HOUSING BOLT - 197317	12.00000	\$2.67176	\$32.06
			<b>Subtotal</b>	<b>\$70,792.12</b>

**Customer Comment: JAKE BRAKE ISSUES**

**Cause: JAKE BRAKES NOT WORKING**

(Inspection)

Labor	<b>Correction:</b> Engine / Electrical / CHECKED WIRING AT ENGINE EVERYTHING CHECKED OUT GOOD. HOOKED CAT SYSTEM UP, ECM WAS ASKING FOR JAKE BRAKE SIGNAL ECM PROGRAMMED CORRECTLY. CHANGED SMART SWITCHES AROUND IN THE CAB THE SWITCH FOR THE JAKE BRAKE WORKED ALSO. CONTACTED KUSTOM TRUCK THE COMPANY THAT BUILDS THE BOX TO READ THE CECU SIGNAL FOR THE ENGINE. THEY STATED IF THERE IS A ABS LIGHT THE JAKE BRAKE WOULDNT WORK. THE TRUCK WAS EQUIPPED WITH A ADVANCED ABS ECU THE ADVANCED ECU WILL NOT TALK TO THE CAT ECM KUSTOM SAID IT NEEDED THE BASIC ABS ECU. INSTALLED BASIC ECU NOW WE ARE GETTING A CODE FOR THE ENGINE RETARDER IF THE CECU ISNT PROGRAMMED WITH THE ENGINE RETARDER ENABLED IT WILL SEND A CODE. SINCE WE DIDNT HAVE ESA PROGRAM WE OUTSOURCED HELP TO PROGRAM CECU WHEN WE GOT IN TO THE PROGRAM FOR THE CECU WE FOUND THE ENGINE RETARDER WITH NOT ENABLED WE ENABLED IT AND THE JAKES NOW WORKS CORRECTLY. - Completed: 5/8/2024	5.50000	\$160.00	\$880.00
Parts	ABS ECU - K125316SC000	1.00000	\$1,077.9783	\$1,077.98
Parts	Inherent Core for ABS ECU - CORK125316SC000	1.00000	\$530.67	\$530.67
Parts	Dirty Core for ABS ECU - CORK125316SC000	-1.00000	\$530.67	-\$530.67
Parts	PROGRAMMING CECU - SUBLET	1.00000	\$451.36	\$451.36
			<b>Subtotal</b>	<b>\$2,409.34</b>

Unit: 30 VIN: 1XPXD49X2ED238425  
2014 Peterbilt 389  
Chassis: 110,307 Miles  
Engine: 0 Hours

<b>Labor</b>	<b>\$10,692.80</b>
<b>Parts</b>	<b>\$62,508.66</b>
<b>Shop Supplies</b>	<b>\$75.00</b>
<b>Pre-Charge Subtotal</b>	<b>\$73,276.46</b>
<b>Exempt (0% of \$0.00)</b>	<b>\$0.00</b>
<b>Total</b>	<b>\$73,276.46</b>
<b>Payments &amp; Credits</b>	<b>\$0.00</b>
<b>Balance Due</b>	<b>\$73,276.46</b>

Thank you for your business!

All returned items must accompany the original invoice and are subject to a 15% restocking fee. Special Order parts and parts that have already been installed or show damage or wear may not be returned. Dave's Diesel is not responsible for any vehicle, new parts or used parts left on premise for over 30 days.  
Retorque Lug Nuts after 50-100 miles.