

**Repair Order History - Details**

8/29/2017 2:27:43 PM

Repair Order # SYS40468  
 Unit: 2217 - SD (Trucks)

Central Standard Time

**Unit: 2217 - SD (Trucks) Repair Order # SYS40468**

Date / Time (In-Out)	Status	Repair Class	Serial Number	License	Meter Reading(s)
Date In: 12/7/2015	CLOSED	Outside Repair	1FDWF37F82ED13366	939-400	73,702 Miles
Date Out: 12/15/2015					
Time In:	Location	Repair Stage	Mechanic/Vendor		
Time Out: 7:29 AM	ND		Ernhart's Auto Center		
Cost Date: 12/7/2015					

**Mechanic Instructions / Complaints**

\*\*\*\*\*  
 PM SERVICES  
 \*\*\*\*\*  
 PM Name || Last Performed || Status || Detail  
 C-PM -- 12/4/2014 -- OVERDUE -- 13 Days Overdue.

**External Work**

Ernhart's Auto Center  
 Date: 12/7/2015 Status: Unpaid  
 Billing Method: Purchased By: LEE

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**Notes:** CONCERN #1 - CHECK ENGINE LIGHT COMES ON ON A HARD ACCEL. CORRECTION - PERFORMED A SCAN TEST, FOUND CODES P1298 & P1283. PID MONITOR. PIN-POINT TEST AS NECESSARY. REPLACED THE INJECTOR DRIVER MODULE. RE TESTED THE SYSTEM - CODE IS GONE.

**Invoice #:** 8299

CONCERN #2 - FUEL IN THE COOLANT CORRECTION - CHECKED FOR THE CONCERN. REMOVED ALL INJECTORS, PRESSURE TESTED THE SYSTEM AND CHECKED FOR THE LEAK. FOUND CRACKED CYLINDER HEAD. REMOVED COMPONENTS AS NECESSARY, REPLACED BOTH CYLINDER HEADS, REPLACED ALL INJECTOR ORINGS, REPLACED ALL OF THE EXHAUST MANIFOLD TO CYLINDER HEAD BOLTS, AND REPLACED PARTS AS NECESSARY TO COMPLETE THE REPAIR. REPLACED THE COOLANT DEGAS TANK, FLUSHED THE COOLING SYSTEM SEVERAL TIMES, REASSEMBLED, CHANGED THE OIL/FILTER, RECHECKED SEVERAL TIMES - OK.

CONCERN #3 - OIL LEAK. CORRECTION - REPLACED THE TURBO PEDESTAL UNDER WARRANTY.

Copy of this invoice can be found attached to the hard copy of this RO or as a PDF under the documents tab.

**VMRS Code:** 040-000-000 Engine / Motor Systems Group  
**Repair Reason:** Breakdown  
**Failure Code:**  
**Work Description:**

Work Accomplished	Item	Cost	Tax Cost	Total Cost
Labor:	LABOR	\$2,597.00	\$0.00	\$2,597.00
	<b>Total Labor:</b>	<b>\$2,597.00</b>	<b>\$0.00</b>	<b>\$2,597.00</b>
Parts:	ENVIRONMENTAL FEE	\$1.00	\$0.00	\$1.00
	(3) #12 HOSE CLAMP	\$2.85	\$0.20	\$3.05
	THERMOSTAT GASKET	\$6.63	\$0.46	\$7.09
	SHOP SUPPLIES	\$9.75	\$0.00	\$9.75
	(2) PLUG	\$12.24	\$0.84	\$13.08
	COOLING SYSTEM CLEANER	\$13.99	\$0.96	\$14.95

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Parts:	OIL FILTER	\$15.00	\$1.03	\$16.03
	THERMOSTAT	\$19.41	\$1.33	\$20.74
	(4) FLANGE BOLT	\$19.68	\$1.35	\$21.03
	(6) ORING	\$20.76	\$1.43	\$22.19
	(4) DOWEL PIN	\$23.00	\$1.58	\$24.58
	FUEL HOUSING ORING KIT	\$27.88	\$1.92	\$29.80
	(2) LINE ELBOW	\$31.58	\$2.17	\$33.75
	(4) FLANGE NUT	\$32.08	\$2.21	\$34.29
	ENGINE OIL DIPSTICK	\$36.22	\$2.49	\$38.71
	HOSE ASSEMBLY	\$46.10	\$3.17	\$49.27
	(16) EXHAUST MANIFOLD TO HEAD BOLT	\$54.72	\$3.76	\$58.48
	IPR HARNESS AND PIGTAIL CONNECTOR	\$62.75	\$0.00	\$62.75
	EGR TUBE	\$64.85	\$4.46	\$69.31
	(17) 10W30 ROTELLA OIL	\$75.65	\$5.20	\$80.85
	COOLANT RESEVOIR	\$76.24	\$5.24	\$81.48
	(17) GOLD COOLANT	\$76.50	\$5.26	\$81.76
	(36) HEAD BOLT	\$128.16	\$8.81	\$136.97
	(8)INJECTOR O-RING KIT	\$130.80	\$8.99	\$139.79
	(2)VALVE COVER GASKET	\$159.34	\$10.95	\$170.29
	(2) HEAD GASKET	\$228.50	\$15.71	\$244.21
	INJECTOR DRIVER MODULE	\$425.89	\$29.28	\$455.17
	(2) REMAN CYLINDER HEAD	\$1,650.00	\$113.44	\$1,763.44
	<b>Total Part:</b>	<b>\$3,451.57</b>	<b>\$232.24</b>	<b>\$3,683.81</b>
<b>Total:</b>	<b>040-000-000 Engine / Motor Systems Group</b>	<b>\$6,048.57</b>	<b>\$232.24</b>	<b>\$6,280.81</b>

Schmit Towing, Inc

Date: 12/7/2015

Status: Unpaid

Billing Method:

Purchased By: Nate

Notes: Tow charge. Networkfleet covered the first 25 miles.

Invoice #: 34284

VMRS Code: T80-000-000 Towing

Repair Reason: Breakdown

Failure Code:

Work Description:

Work Accomplished	Item	Cost	Tax Cost	Total Cost
Labor:		\$85.00	\$6.61	\$91.61
	<b>Total Labor:</b>	<b>\$85.00</b>	<b>\$6.61</b>	<b>\$91.61</b>
<b>Total:</b>	<b>T80-000-000 Towing</b>	<b>\$85.00</b>	<b>\$6.61</b>	<b>\$91.61</b>

**Total R/O Cost            \$6,372.42**