

Invoice: INV-6245

Date: 5/24/2021

Remit Payment To

Service Order	Terms	Due Date	Authorizer	Customer PO	Service Writer	Unit #
SO-5079	Net 30	6/23/2021	Not provided			12

Item Description

Quantity Rate Amount

PM: Missouri State Inspection
Cause: ID/OD Type: Other (PM)

Labor Correction:
Chassis / Chassis / ID/OD - 4/16/2021

Subtotal

Complaint: NO POWER AND COOLANT LEAK CEL IS ON.

Cause: SEVERAL POOR CONNECTIONS AS WELL AS A PROGRAMMING UPDATE (Inspection)

Labor Correction:

Engine / Cooling / remove and replace turbo and seals etc. as needed. replace broken coolant line. -
5/14/2021

Subtotal

Complaint: REPLACE TURBO CHARGER. CHECK COOLING SYSTEM ON ENGINE FOR LEAKS.

Cause: TURBO FAILED AND COOLANT LEAKS. Type: Unscheduled repair (Inspection)

Labor Correction:

Engine / Exhaust / DRAIN COOLANT. REMOVE CAC PIPING. FOUND CAC COOLER FULL OF BURNT ENGINE OIL. REMOVE ALL PIPING TO TURBO CHARGER. REMOVE REAR HARD PIPING FOR EXHAUST TO BE ABLE TO GET TO BOLTS ON REAR INSIDE OF TURBO CHARGER. REMOVE TURBO CHARGER. INSTALL A NEW TURBO CHARGER AND REINSTALL ALL REMOVED COMPONENTS. REIFLL WITH COOLANT. TOP OFF COOLANT AS NEEDED. REMOVE CAC COOLER AND CLEAN COOLER AND ALL PIPING. REINSTALL CAC COOLER. DRAIN ENGINE OIL AND REPLACE OIL FILTER WITH NEW OIL FILTERS. FILL ENGINE WITH ENGINE OIL. RETURN TURBO CORE AND UNUSED EXTRA PARTS. THROW AWAY OLD ENGINE OIL AND FILTER. CLEAN UP WORK AREA. PRESSURE TEST COOLING SYSTEM. FOUND TOP TANK ON RADIATOR IS LEAKING. UNIT WILL NEED RADIATOR REPLACED. - 5/17/2021

Parts small diameter quick connect line from coolant bottle to top of radiator - VOL 21053033

1.00000

Parts V-band clamp @ turbo exhaust - VOL 21060426

1.00000

Parts v-band clamp @ doser housing exhaust - VOL 21545619

1.00000

Parts turbo oil drain gaske/o-ring - VOL 8192189

1.00000

Parts turbo oil feed gasket/ o-ring - VOL 20526428

1.00000

Parts turbo coolant out o-rings - VOL 21940615

1.00000

Parts turbo mount gasket - VOL 20781146

1.00000

Item	Description	Quantity
Parts	turbo mount bolts - VOL 993811	4.00000
Parts	CLAMP-HD SPRING T BOL - BRZB92240411FRUB	2.00000
Parts	15W40 BULK OIL QUART - MBL98JP33	40.00000
Parts	Oil Filter - DONP551807	2.00000
Parts	exhaust gaskets (1 at either side of doser housing) - VOL 21007187	2.00000
Parts	COOLANT Antifreeze RED 50/50 W/SCA BULK GALLON - OWI23512139	3.00000
Parts	OIL FILTER LF3654 21707133 - DONP550425	1.00000
Parts	GASKET DPF - CUM2866636	1.00000
Parts	seal ring - VOL 20828303	1.00000
Parts	o-ring - VOL 21096684	1.00000
Parts	Remanufactured Holset VGT Turbocharger HE451VE - DWD 170-032-1618	1.00000
Parts	FREIGHT-IN TURBOCHARGER - FREIGHT - IN	1.00000
Parts	Dirty Core for Remanufactured Holset VGT Turbocharger HE451VE - CORE DWD 170-032-1618	-1.00000
Parts	Inherent Core for Remanufactured Holset VGT Turbocharger HE451VE - CORE DWD 170-032-1618	1.00000
Parts	WASHER SEALING - CUM3684284	3.00000

PM: Missouri State Inspection

Cause: CUSTOMER REQUEST Type: Preventive maintenance (PM)

Labor Correction:

Chassis / Chassis / Perform Missouri State Inspection per Inspection standards. UNIT FAILED FOR FOLLOWING ITEMS NO HEAD LIGHTS-LOW BEAM OR HIGH BEAM, HIGH BEAM INDECKATOR IN DASH STAYS ON ALL THE TIME, SEVERAL MARKER LIGHTS OUT, NO BRAKE LIGHTS AND FRONT HUBS ARE BAD. - 5/17/2021

Subtotal

Complaint: RADIATOR LEAKING.. CUSTOMER WANTS TO ATTEMPT TO EPOXY IT FOR NOW

Cause: Customer request (Inspection)

Labor Correction:

Engine / Cooling / DRAIN COOLANT DOWN FAR ENOUGH TO CLEAN AND EPOXY HOLE... NOTE THE HOLE HAS ALREADY BEEN REPAIRED ONCE BY OTHER PERSON WITHIN THE TRUCKS LIFE TIME... HAD TO CLEAN ALL SEALANT OUT OF HOLE... EPOXY AS BEST AS POSSIBLE.. MAY OR MAY NOT HOLD.. LET DRY AND FILL WITH COOLANT. - 5/24/2021

Subtotal

FREIGHT - OUT, TURBO CORE

Unit: 12 VIN: 1M1AN07Y8CM008670

2012 Mack CHU

Chassis: 501,034 Miles

Labor

Parts

Shop Supplies

Pre Tax Total

Total \$6,882.96

Payments & Credits \$6,882.96

Balance Due \$0.00