



HOME PHONE NO.		CELL PHONE NO.		WORK PHONE NO.		PURCHASE ORDER NO.		DATE		INVOICE NO.	
								05/16/2018			
YEAR	MAKE	MODEL		LICENSE NO. - STATE		COLOR		VEHICLE SERIAL NUMBER			
2016	MACK	CXU613T				WHITE					
Del. date: 09/11/2015 SUNOCO RETAIL LLC-ASTON 4041 MARKET ST ASTON, PA 19014						MILEAGE IN		SERV. ADVISOR		VEHICLE NO.	
						284,718		4528			
						MILEAGE OUT		PARKING SPOT OUT		DUE DATE	

*** Repair order date: 05/09/2018

----- Job# 1 -----

LABOR:

Complaint: GRINDS GOING INTO GEAR AT TIMES, DOES NOT
 DISENGAGE ON BRAKE APPLICATION

Cause: CLUTCH ACTUATOR

Correction: Clutch frequency fault followed GD which led to
 replacing the CCV on side of trans. Drove truck
 and no change opened e-service for permission to
 pull trans and inspect CCA and clutch itself
 Pulled trans and found CCA has failed and clutch
 also needs to be replaced. Clutch has damage to
 fingers an also is almost worn to rivets. Drained
 coolant and dropped driveline. Removed air fluid
 and electric lines form trans as well as all
 brackets in the way then pulled trans. Found CCA
 had came apart and failed. Airline also had
 damage. Clutch was almost at rivets and the
 fingers had bad wear on them. Pulled flywheel down
 and resurfaced as it had wave wear pattern. Found
 rear main seal was leaking when flywheel was down
 so I followed Volvo new procedure with new tools
 to R&R. Installed pilot bearing then rehung
 flywheel and new clutch following torque
 specs/procedures. Replaced CCA and air line then
 remounted trans fully secured and connected
 everything. Filled coolant. Fluid wasn't touched
 due to the new style cooler. Hung driveline.
 Hooked up air and electric to truck then followed
 cal sequence A and B for trans. Drove around lot a
 few times and fault was still on. I reflashed
 TECU and redid calibrations and fault went
 inactive.

CLUTCH REPLACEMENT	4111-03-02-02	N/C
VALVE ASSEMBLY, CLUTCH, REPLACEMENT	4119-03-02-01	N/C
CRANKSHAFT SEAL, REPLACEMENT (REAR)	2167-03-02-01	N/C
DIAGNOSTIC TIME	1700-16-03-01	N/C
STEAM CLEAN, SPILLAGE	1700-11-03-03	N/C
ROAD TEST	1700-20-09-01	N/C

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 1.5% INTEREST CHARGE IS APPLIED ON ANY BALANCE PAST 30 DAYS. **MAIL PAYMENT TO: Bergey's Inc. • 462 Harleysville Pike • Souderton, PA 18964**



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LABOR: (Continued)

TAKE CHARGE TIME, OPERATIVE

N/C

PARTS:Qty	Part number	Description	List price	Net	
1	VO22327069	SOLENOID VALV			N/C
5	MK25164660	CLAMP			N/C
1	MK85150355	CLUTCH KIT			N/C
1	MK85150355C	(Core charge)			N/C
1	MK9383-6306LLUA1C3	DEEP GROOVE B			N/C
1	MK21580977	CYLINDER			N/C
1	MK21580977C	(Core charge)			N/C
1	VO20992763	AIR HOSE			N/C
1	MK22086413	CRANKSHAFT SE			N/C
16	MK25164660	CLAMP			N/C

Total for Job# 1

0.00

LABOR:

Complaint: REAR TEMP

Correction: HOOK UP LAP TOP AND CHECKED FAULTS. HAS A INACTIVE FAULT FOR REAR AXLE TEMP SENSOR. CHECKED WIRING GOING TO SENSOR AND FOUND NO CONCERNS. WILL NEED FAULT TO BE ACTIVE FOR FUTHER DIAG. THE REAR CARRIER IS LEAKING WHERE CARRIER MEETS HOUSING THE POSITIVE CABLE FROM DEAD MAN SWITCH HAD RUBBED TO THE COPPER, REPAIR CABLE AS NEEDED. AND SECURED.

REPLACE AXLE TEMPERATURE SENSOR RS132 260.00

PARTS:Qty	Part number	Description	List price	Net	
1	MK5166-80370	PERMATEX BATT	5.02	3.15	3.15
1	MK5166-27005	PERMATEX HIGH	9.68	6.95	6.95
1	MK5166-24005	PERMATEX MEDI	9.68	6.95	6.95
1	OS97060	ELECTRICAL TA	2.50	1.25	1.25

Total Parts: 18.30

Total for Job# 2

278.30

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----- Job# 3 -----
 LABOR:
 Complaint: MIL LIGHT COMES ON

TOTALS:

.....Total LABOR	260.00
.....Total PARTS	18.30
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Please pay this amount:	278.30

 Customer Signature