

ACCOUNT NUMBER:
 INVOICE NUMBER: R013078819:01
 INVOICE DATE: 12/13/2019
 INVOICE TERMS: NET30
 PURCHASE ORDER#: STPO-15162
 VEHICLE#: 371976

SERVICE INVOICE

Cust. Unit #: 6215	Make: FREIGHTLINER	Model: CA125SLP	Tag #: GM
V.I.N: 1FUUGLDV5C5BR3063	Model #: PX125064ST	In Serv Date: 12/13/2011	Year: 2012
Engine S/N: 471903S0102364	Model #: D471903	In Serv Date: 12-13-11	Mileage: 760,483
Tran S/N: K0880600	Model #: FO-16E310CLA	In Serv Date:	Eng Hrs: 20,673
Reefer S/N:	Model #:	In Serv Date:	Warr ID:
APU S/N:	APU Gen S/N:	In Serv Date: BOM/Spec:	Date Create: 12/07/2019

Sold Operations

Job#1 SHP-DD13

SHOP - DDC DD13 LABOR

S-CUST

Condition CUSTOMER STATES THE HIGH PRESSURE FUEL PUMP IS LEAKING OIL; CHECK AND ADVISE.

Cause

Correction REMOVED INTAKE ELBOW. REMOVED RAD BRACKET AND SUPPORT. DRAINED COOLANT. REMOVED FUEL LINES. ALL LINES WERE SEIZED ON AND TOOK TIME. ONE LINE COULD NOT BE SAVED AND SPUN WITH FITTING. REMOVED FUEL MOD. REMOVED SUPPORT BRACKET AND REMOVED HPFP. TRANSFERRED GEAR TO NEW PUMP. TAGGED CORE. INSTALLED NEW HPFP. INSTALLED FUEL MOD. INSTALLED THE FUEL LINES. INSTALLED INTAKE ELBOW. REFILLED COOLANT AND PRIMED FUEL. STEAMED OFF ENGINE. CHECKED FOR LEAKS FOUND NONE. SURGE IS GONE. RELEASED VEHICLE.

Qty	Item	Description	Price Each	Extended
	DD13-GEN	SHOP - DDC DD13 LABOR		
1	DDE RA4700902150	HP PUMP		
1	DDE A4710780380	GASKET		
1	DDE A4710780280	GASKET		
1	DDE A4722030315	PIPE PAC/3		
1	DDE A4712002152	CLNT LINE		
1	DDE A4722005052	COOLANT LINE pac/4		
1	DDE A4712000152	CLNT LINE		
1	DDE A4710701335	FUEL LINE		
-1	CA4700902150-CORE	CORE DEP: HP PUMP		
1	OWI 23519398	EPWRCLPLSDRUM/BULK ANTIFRZ EXT		
1	CA4700902150-CORE	CORE DEP: HP PUMP		

Job#2 SHP-DD13

SHOP - DDC DD13 LABOR

S-CUST

Condition CUSTOMER STATES THE CAMSHAFT HOUSING IS LEAKING OIL. CHECK AND ADVISE.

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Sold Operations (Cont.)

Cause

Correction REMOVED AIR CLEANER ASSY AND MOUNTS. REMOVED VALVE COVER. REMOVED INJECTOR HARNESS'S AND SET TIMING. BACKED OFF VALVES AND REMOVED FUEL LINES. REMOVED CAMBOX. ONCE OFF INSPECTED CAMBOX, FOUND HEAVY ERROSION ON GASKET SEAL AREA, AND DOWEL AREA. CAMBOX WILL MOST LIKELY NOT SEAL IF REUSED. ORDERED NEW CAMBOX. SWAPPED OVER PARTS AND BEGUN INSTALL OF CAMBOX. INSTALLED CAMBOX. INSTALLED INJECTOR HARNESS'S. PERFORMED FULL TUNE UP. INSTALLED FUEL LINES. INSTALLED VALVE COVER. INSTALLED AIR CLEANER AND MOUNTS. PRIMED FUEL AND STARTED ENGINE. STEAMED OFF ENGINE AGAIN.

Qty	Item	Description	Price Each	Extended
	DD13-GEN	SHOP - DDC DD13 LABOR		
2	DDE N000000001069	SEAL RING (20mm O.D. x 14mm I		
6	DDE A0179978645	O-RING		
1	DDE A0000701632	HPF LINE KIT		
1	DDE EA4710505802	CM/FRAME 12L		
1	DDE A4720780335	BOLT/CLMP KT		
2	DDE A4729971845	O RING		
2	DDE A4729971745	O RING		
-1	CA4710505802-CORE	CORE DEP: CM/FRAME 12L		
1	CA4710505802-CORE	CORE DEP: CM/FRAME 12L		
1	P-FRT	PARTS- FREIGHT CHARGE - CAMBOX EA4710505802		

J0093 CI

COURTESY TRUCK INSPECTION

S-CUST

Condition COURTESY TRUCK INSPECTION

Cause

Correction PERFORMED THE COURTESY INSPECTION.

Qty	Item	Description	Price Each	Extended
	!Canda-CI	COURTESY INSPECTION		

N00001

ACCOUNT NUMBER:
 INVOICE NUMBER: R013075665
 INVOICE DATE:
 INVOICE TERMS: NET30
 VEHICLE#: 371976

Mileage 76,984

6215

Cust. Unit #: 6215	Make: FREIGHTLINER	Model: CA125SLP	Tag #: BK
VIN: 1FUJGLDV5C5BR3063	Model #: PX125064ST	In Serv Date: 12/13/2011	Year: 2012
Engine S/N: 471903S0102364	Model #: D471903	In Serv Date: 12-13-11	Mileage: 720,290
Tran S/N: K0880600	Model #: FO-16E310CLA	In Serv Date:	Eng Hrs: 20,673
Reefer S/N:	Model #:	In Serv Date:	Warr ID:
APU S/N:	APU Gen S/N:	In Serv Date:	Date Create: 05/23/2019
		BOM/Spec:	

Sold Operations

Job#1 SHP-DD13

SHOP - DDC DD13 LABOR

S-CUST

Condition C E L

Cause

Correction TOW UNIT IN WITH FORKLIFT, HOOK UP LAPTOP AND PRINT CODES, PRINT OUT TROUBLESHOOTING FOR CRANKSHAFT POSITION SENSOR OPEN, REMOVE SENSOR OHM MEASURED 885 OHMS IN RANGE 778 - 948 OHMS, REMOVE MCM 120 PIN AND HOOK UP JUMPER HARNESS OHM ACROSS PINS OF CRANKSHAFT POSITION SENSOR MEASURED OUT OF LIMITS. PLUG ALL BACK TOGETHER CLEARED CODE AND IT CAME BACK, REMOVE MCM HARNESS ATTEMPT TO INSTALL MCM JUMPER HARNESS TO INSTALL TEST MCM, WILL NOT ATTACH PROPERLY TO MCM 120 PIN, REMOVE OEM MCM, INSTALL SHOP TEST MCM, KOEO NO ACTIVE CODE, REMOVE TEST MCM INSTALL OEM MCM AND CREATE PARAMETER FILES, CODE IS ACTIVE, ORDER NEW MCM AND INSTALL ATTEMPT TO PROGRAM MCM AND IT WILL NOT CONNECT TO LAPTOP, REMOVE 21 PIN CONNECTOR LOAD TEST ALL BATTERY POWER AND GROUND CONNECTIONS ALL GOOD. LOAD TEST IGNITION WIRE GOOD, ORDER NEW MCM. REMOVE NEW MCM FROM CHASSIS. INSTALL NEW MCM #2 TO CHASSIS. ATTEMPT TO CONNECT WILL NOT, REMOVE MCM INSTALL OEM ATTEMPT TO CONNECT AND DID, SET UP BENCH TOP SYSTEM AND BOTH REMAN MCMS WILL NOT CONNECT, INSTALL TEST MCM ON UNIT AND CONNECTS, CALL CSC GOT REF#6479915 AND TESTING FOR NO CONNECT ISSUE, ALREADY PERFORMED ALL TESTING SENT, SENT BACK A LOG FILE AND SCREEN SHOTS REQUESTED. PROGRAM TEST MCM TO INSTALL ONTO CHASSIS. HOOK UP LAPTOP, NEEDED TO RESTART TO CONNECT, CONNECT, CLEAR CODES, CEL CAME BACK NEED TO ELIMINATE THE ENGINE HARNESS AT THIS TIME. REMOVE LOWER SIDE OF ENGINE HARNESS TO MOUNT MCM, PLUGGED IN CHECK CODES NO CODES ACTIVE, CLEAR CODES, PROGRAM INJECTOR CAL CODES, FINISH INSTALLATION OF MCM, REROUTE AND MOUNT LOWER HALF OF ENGINE HARNESS, TIE UP ALT WIRING REMOVED ON ENGINE HARNESS REMOVAL, STEAM UNIT OFF, TEST DROVE, CLEAN BAY, PUT CORES AWAY.

Qty	Item	Description	Price Each	Extended
	DD13-GEN	SHOP - DDC DD13 LABOR		

Job#2 CI

COURTESY TRUCK INSPECTION

S-CUST

Condition COURTESY TRUCK INSPECTION

ACCOUNT NUMBER
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 VEHICLE#: 371976

Sold Operations (Cont.)

Cause INTERSTATE REQUIRED

Correction PERFORMED THE COURTESY INSPECTION.

Qty	Item	Description	Price Each	Extended
	!Canda-CI	COURTESY INSPECTION		

Job#4 SHP-DD13 SHOP - DDC DD13 LABOR

3-CLUT

Condition REPLACE INJECTORS AND HARNESS

Cause

Correction REMOVED AIR MOUNT ASSY AND VALVE COVER. REMOVED INJ HARNESS'S. NEARLY EVERY PIN FELL OUT OF THE HARNESS. SPENT A HALF HOUR FISHING BROKEN PLASTIC OUT OF THE CAMBOX HOUSING. REMOVED FUEL PIPES. REMOVED INJECTORS. CLEANED BOPES. INSTALLED NEW INJECTORS. INSTALLED AND TORQUED FUEL PIPE. TORQUED INJECTORS. INSTALLED NEW INJ HARNESS'S. STARTED THE TRUCK AND CHECKED FOR LEAKS; NONE FOUND.

Qty	Item	Description	Price Each	Extended
	DD13-GEN	SHOP - DDC DD13 LABOR		
1	DDE RA4600701187S	INJ/BOLT 6PK		
2	DDE H0000000001069	SEAL RING (20mm O.D. x 14mm I		
1	DDE A4711508233	HARNESS		
1	DDE A4711508333	HARNESS		
1	03-35804-000	AIR CLEANER ISOLATER		
-1	CA4600701187S-CORE	CORE DEP: INJ/BOLT 6PK		
1	CA4600701187S-CORE	CORE DEP: INJ/BOLT 6PK		

Job#5 SHP-DD13 SHOP - DDC DD13 LABOR

3-CLUT

Condition REPLACE ENGINE HARNESS

Cause

Correction REMOVED AND REPLACED THE ENGINE HARNESS FROM THE CHASSIS.

Qty	Item	Description	Price Each	Extended
	DD13-GEN	SHOP - DDC DD13 LABOR		
1	DDE A4711506333	HARNESS		

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Diagnostic/Tech Services:

Labor:
Misc. Charges:
Parts:
Sublet:
Shop Supplies (ESC)
Taxes:

Total: 5,983.41

Subject to the terms and conditions on the back of this invoice, including the disclaimer of implied warranties of merchantability and fitness for a particular purpose.

All claims must be accompanied by this invoice. Diagnostic or Technical service charge may apply.

Customer Name	Acct Num	Invoice Number	Amt Due	Date Due	Remittance Enclosed
		R013075665	5,983.41	05/23/2019	

Customer Signature:

Date: _____