DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-JUN-2018		04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		11-JUN-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			383506 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT

OSN/MSN/VIN	1XP4D49X2FD290528
COMPLAINT	CUSTOMER STATES UNIT IS GETTING FUEL IN THE OIL
CAUSE	1-64475224542 FAILED HEAD FAILED CAMSHAFT
CORRECTION	PULLED UNIT IN, TROUBLE SHOT PER CSS, EXHAUSTED TREE AND CONTACTED DTS, CONTINUED TO TROUBLE SHOOT PER THEIR DIRECTION, ENDED UP PULLING HEAD AND CHECKING, FOUND THAT THE HEAD AND CAM WERE BOTH FAILED. REPLACED HEAD AND CAM. REASSEMBLED UNIT, FOUND GEAR PUMP LEAKING AT WEAP HOLE, REMOVED AND REPLACED GEAR PUMP, BACKED UNIT OUT AND RAN AND CHECKED OK.
COVERAGE	
REMARK	

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-JUN-2018		04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		11-JUN-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			383506 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					
				TRIED TO CALL CUSTOMER AND GIVE UPDATE, THERE WAS NO VOICEMAIL AFTER 4 MINUTES SO WAS UNABLE TO LEAVE A MESSAGE.			
SRO				.5 CHECK HEAD AND SEE IF PRESSURE DROPS			
6		6	3347939	SEAL,O RING	CECO		
6		6	4984152	SEAL,O RING	CECO		
2		2	3963990	WASHER,SEALING	CECO		
2		2	3963988	WASHER,SEALING	CECO		
1		1	2872513	GASKET,FUEL PUMP	CECO		
2		2	3963990	WASHER,SEALING	CECO		
2		2	3963991	WASHER,SEALING	CECO		
1		1	LF14000-NN	PAC,LF	FLG		
1		1	4988280	GASKET,HYDRAULIC PUMP	CECO		
2		2	3963991	WASHER,SEALING	CECO		
13		13	VV705290	PREM BLUE 15W-40 BULK	C1-VALVOLINE		
1		1	4376104	KIT,UPPER ENGINE GASKET	CECO		
1		1	4298629	CAMSHAFT	CECO		
1		1	5394198RX	HEAD,CYLINDER	DRC		
1		1	4298235D	HEAD, CYLINDER	CLEAN		
-1		-1	4298235D	HEAD, CYLINDER	DIRTY		
1		1	4307482NX	PUMP,FUEL	DRC		
1		1	4307482D	PUMP, GEAR HDXPI	CLEAN		
-1		-1	4307482D	PUMP, GEAR HDXPI	DIRTY		

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-JUN-2018		04-DEC-2014	ISX15 CM2350 X101		PETERBILT
[illegible]	[illegible]	FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		11-JUN-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
[illegible]	[illegible]		383506 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					
2		2	4298242	STUD	CECO		
2		2	4298975	NUT,LOCK	CECO		
1		1	24150-1	CLAMP #44	C2-OTHER		

WARRANTIES APPLIED **FACTORY IN SHOP**

PARTS:
PARTS COVERAGE CREDIT:
TOTAL PARTS:
SURCHARGE TOTAL:
LABOR:
LABOR COVERAGE CREDIT:
TOTAL LABOR:
MISC.:
MISC. COVERAGE CREDIT:
TOTAL MISC.:
ELECTRONIC TOOLING FEE
HAZ WASTE DISPOSAL
SHOP SUPPLIES

CITY
STATI

AUTHORIZED BY (print name)_____SIGNATURE_____DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
18-JUL-2018		04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		18-JUL-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			385265 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					
COMPLAINT		RETURNED WITH DIESEL IN OIL. REFERENCE WO 103696					
CAUSE		DSBRF2179 CSS-00249220 FAILED #5 INJECTOR					
CORRECTION		TROUBLE SHOOT FOR FUEL IN OIL. SWING SURGE TANK OUT OF THE WAY, REMOVED EGR CROSS OVER TUBE AND VALVE COVER, FUEL RETURN RESTRICTION OK AT 1.1 IN HG, MAX IS 4 IN HG, PUT PRESSURE ON FUEL RETURN PASSAGE AT REAR OF HEAD, NO LEAK DOWN IN PRESSURE, RUN FUEL DYE WITH REMOTE TANK, DID THIS FOR AN HOUR OR SO, SHUTTING IT OFF, LET IT SIT AND RUN IT SOME MORE, CHECK AND FINALLY FOUND FUEL DYE AT THE BACK SIDE OF NUMBER 5 INJECTOR, R&R THE INJECTOR AND CONNECTOR, DRAINED OIL AND REMOVED OIL FILTER. VACUUMED OIL/FUEL FROM CYLINDER HEAD. INSTALLED VALVE COVER, EGR CROSSOVER AND OIL FILTER. INSTALLED SURGE TANK. ZIP TIED ELECTRICAL AND PRELUBED SYSTEM. RAN UNIT AND CHECKED FOR LEAKS. MADE FINAL IMAGE AND SENT TO GUIDANZ. STEAMED UNIT OFF, PARKED AND LOCKED. CLEANED BAY.				
COVERAGE		WARRANTY APPLIED					
1		1	4384363PX ORDERED ITEM	INJECTOR 2897320NX DRC	DRC		
1		1	2872161D	INJECTOR, MONARCH RED	CLEAN		
-1		-1	2872161D	INJECTOR, MONARCH RED	DIRTY		
1		1	2894829	CONNECTOR,INJ FUEL SUPPLY	CECO		
1		1	LF14000-NN	PAC,LF	FLG		
8		8	773780	PREM BLUE 15W40 3/1 GAL	C1-VALVOLINE		
4		4	VV705290	PREM BLUE 15W-40 BULK	C1-VALVOLINE		

WARRANTIES APPLIED **FACTORY IN SHOP**

PARTS:

PARTS COVERAGE CREDIT:

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
18-JUL-2018		04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		18-JUL-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			385265 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT

OSN/MSN/VIN 1XP4D49X2FD290528

TOTAL PARTS:

SURCHARGE TOTAL:
LABOR:

LABOR COVERAGE CREDIT:

TOTAL LABOR:
MISC.:

MISC. COVERAGE CREDIT:

TOTAL MISC.:
ELECTRONIC TOOLING FEE
HAZ WASTE DISPOSAL
SHOP SUPPLIES

AUTHORIZED BY (print name)_____SIGNATURE_____DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
13-AUG-2018	.	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		10-AUG-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			387380 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT

OSN/MSN/VIN 1XP4D49X2FD290528

COMPLAINT FUEL IN OIL
REFER TO WO 103696 AND 104407

CAUSE MIS ASSEMBLED HEAD ON THE FUEL PUMP.

CORRECTION HOOKED INSITE UP AND FOUND NO LOW OIL PRESSURE FAULTS. OIL IS 3 TO 4 GALLONS OVERFULL WITH FUEL. REMOVED THE COOLANT SURGE TANK, EGR C/O AND VALVE COVER. HOOKED FUEL DYE UP AND RAN FOR 1.5 HRS. NO DYE FROM THE INJECTORS. REMOVED THE F/P HEAD AND FOUND THE WRONG STYLE PUMPING PLUNGERS INSTALLED AND LOOKS LIKE FOR A CM2250. ALSO WERE ONLY TORQUED TO 60 LBS AND NOT TURNED PLUS 60 DEGREES. FOUND THE CAM ON FUEL PUMP ERRODID. REMOVED POWER STEERING PUMP, FUEL PUMP BODY, ASSEMBLED NEW PUMP, INSTALLED FUEL PUMP POWER STEERING PUMP, RESERVOIR, CAC PIPE, VALVE COVER, EGR TUBE, COOLANT SURGE TANK, CHANGED OIL AND FILTER, RAN UNIT.STEAMED OFF AND PARKED.

COVERAGE BILLABLE REPAIR

2		2	3376891	ADDITIVE,FLUORESCENT DYE	CECO
1		1	4307049PX	BODY,FUEL PUMP	DRC
1		1	4307049D	BODY, FUEL PUMP	CLEAN
-1		-1	4307049D	BODY, FUEL PUMP	DIRTY
1		1	4384373RX	HEAD,FUEL PUMP	DRC
1		1	2872661D	HEAD,FUEL PUMP XPI	CLEAN
-1		-1	2872661D	HEAD,FUEL PUMP XPI	DIRTY
13		13	VV705290	PREM BLUE 15W-40 BULK	C1-VALVOLINE
1		1	LF14000-NN	PAC,LF	FLG

AUTHORIZED BY (print name)_____SIGNATURE_____DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
13-AUG-2018	.	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		10-AUG-2018	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			387380 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					
1		1	4357177	VALVE,PRESSURE RELIEF	CECO		
1		1	4988280	GASKET,HYDRAULIC PUMP	CECO		
2		2	4359134	TAPPET,PUMP	CECO		
1		1	2872663	GASKET,FUEL PUMP	CECO		

PARTS:
PARTS COVERAGE CREDIT:
TOTAL PARTS:
SURCHARGE TOTAL:
LABOR:
LABOR COVERAGE CREDIT:
TOTAL LABOR:
MISC.:
MISC. COVERAGE CREDIT:
TOTAL MISC.:
ELECTRONIC TOOLING FEE
HAZ WASTE DISPOSAL
SHOP SUPPLIES

AUTHORIZED BY (print name)_____SIGNATURE_____DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-APR-2019	6645	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		28-MAR-2019	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			432775 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT

OSN/MSN/VIN 1XP4D49X2FD290528

COMPLAINT USING 4 GAL OF OIL IN 1000 MILES

CAUSE EXCESSIVE OIL CONSUMPTION FROM LINER LOBBING
OIL LEAK AT GEAR HOUSING

CORRECTION TROUBLESHOT OIL CONSUMPTION. . DRAINED COOLANT. REMOVED AIR CLEANER ASSEMBLY, INTAKE PIPING, HVAC ASSEMBLY, A/C COMP, A/C COND, RADIATOR, CAC, FAN HUB, FAN SHROUD, MEGA BRACKET FOR ACCESS. REMOVED HEAD AND INSPECTED LINERS. FOUND LINER LOBING. REMOVED PISTONS AND LINERS. ALSO FOUND OIL LEAK AT GEAR HOUSING. REPLACE GEAR HOUSING GASKET. INSTALLED NEW LINERS AND REASSEMBLED. RAN RESTRICTION TEST AND FAILED. ALSO NOTICED PLAY IN FAN HUB. REPLACED FAN HUB. REMOVED AND REPLACED DPF. RAN REGEN.

COVERAGE CUSTOMER BILLABLE
PENDING POLICY

REMARK

AUTHORIZED BY (print name)_____ **SIGNATURE**_____ **DATE**_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-APR-2019	6645	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		28-MAR-2019	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			432775 / 0		1073

OSN/MSN/VIN 1XP4D49X2FD290528

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
1		1	4376104	KIT,UPPER ENGINE GASKET	CECO		
1		1	4393089	GASKET,GEAR HOUSING	CECO		
1		1	3685173	SEAL,OIL	CECO		
1		1	5414049	GASKET,FUEL PUMP	CECO		
1		1	3685614	GASKET,ACC DRIVE SUPPORT	CECO		
1		1	3164067	SEALANT	CECO		
1		1	3678756	SEAL,O RING	CECO		
2		2	2882087	SET,ROD BEARING (NON STD)	CECO		
6		6	4376565	KIT,PISTON RING	CECO		
12		12	3064305	RING,RETAINING	CECO		
6		6	5472970	KIT,LINER	CECO		
1		1	CC36077	OAT	FLG		
1		1	3685556	GASKET,ADAPTER	CECO		
3		3	4374074	SCREW,TWELVE POINT CAP	CECO		
1		1	LF14000-NN	PAC,LF	FLG		
13		13	VV705290	PREM BLUE 15W-40 BULK	C1-VALVOLINE		

POLICY IN SHOP

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-APR-2019	6645	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		28-MAR-2019	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			432775 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					
1		1	4026684	GASKET,OIL PAN	CECO		
1		1	5484100	SHAFT,IDLER	CECO		
1		1	BK 7652651	LUBRIPLATE	C1-NSPART1		
1		1	4101884	DAMPER,VISCOUS VIBRATION	CECO		
4		4	2882087	SET,ROD BEARING (NON STD)	CECO		
1		1	FREIGHT	FREIGHT CHRGS SERVICE	C1-FREIGHT		
1		1	3687007	SEAL,RECTANGULAR STRIP	CECO		
1		1	3957130	UNION,MALE	CECO		
1		1	4318183	TUBE,TUR OIL SUPPLY	CECO		
1		1	250-96B	4 S. LOADED - CAC	C2-FIVE STAR		
1		1	5295604RX	MODULE,PARTICULATE FILTER	DRC		
1		1	5295604D	MODULE, PARTICULATE FILTE	CLEAN		
-1		-1	5295604D	MODULE, PARTICULATE FILTE	DIRTY		
1		1	2880215	GASKET, AFM DEVICE	CECO		
1		1	2866337	GASKET, AFM DEVICE	CECO		
2		2	2871453	GASKET, AFM DEVICE	CECO		
1		1	1090-09650-01	FAN CLUTCH	C1-NSPART3		

WARRANTIES APPLIED

PARTS:
PARTS COVERAGE CREDIT:
TOTAL PARTS:
SURCHARGE TOTAL:

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____

DATE	CUSTOMER ORDER NO.	DATE IN SERVICE	ENGINE MODEL	PUMP NO.	EQUIPMENT MAKE
22-APR-2019	6645	04-DEC-2014	ISX15 CM2350 X101		PETERBILT
		FAIL DATE	ENGINE SERIAL NO.	CPL NO.	EQUIPMENT MODEL
		28-MAR-2019	79784316		587
		PARTS DISP.	MILEAGE/HOURS	PUMP CODE	UNIT NO.
			432775 / 0		1073

QUANTITY ORDERED	BACK ORDERED	QUANTITY SHIPPED	PART NUMBER	DESCRIPTION	PRODUCT CODE	UNIT PRICE	AMOUNT
OSN/MSN/VIN		1XP4D49X2FD290528					

LABOR:
LABOR COVERAGE CREDIT:
TOTAL LABOR:
MISC.:
MISC. COVERAGE CREDIT:
TOTAL MISC.:
ELECTRONIC TOOLING FEE
HAZ WASTE DISPOSAL
SHOP SUPPLIES

6,628.22

AUTHORIZED BY (print name)_____ SIGNATURE_____ DATE_____