



FAMILY OWNED SINCE 1958



TRUCK COUNTRY -
MILWAUKEE
2222 W RYAN ROAD
OAK CREEK, WI 53154

INVOICE NO.	R203179099:01
INVOICE DATE	11/14/2024
P.O. NUMBER	
VIN	3AKJHHDR9PSUA1617
UNIT	774

Warranty Customer Copy

THE REPAIRS LISTED BELOW ARE BEING SUBMITTED FOR WARRANTY CONSIDERATION
WITH NO CURRENT CHARGES DUE FROM THE VEHICLE OWNER FOR THESE REPAIRS.

Owner:
ZIGI FREIGHT DBA ROYAL3 INC
6850 W 63RD STREET
CHICAGO, IL 60638

Bill To:
WARRANTY DETROIT
1171
DUBUQUE, IA 52001

WORK PHONE: (630)485-7370

HM PHONE: (872)401-1241

CUST#	&SWD	ADVISOR	6675	ENG	472912S1000186	COLOR	GRN	SCHED	11/8/24	UNTID	768482
YEAR	23	MAKE	FTL	MODEL	PT126	MILES	279884	INSVC	1/1/00	ACCT	CHG

JOB#1 EA SWD (EA) DIAGNOSE AND ADVISE FOR

CLAIM NUMBER# **BWFD2024EP81T**

CONDITION (EA) DIAGNOSE AND ADVISE FOR UNIT HAS OIL LEAKS ON DRIVER SIDE OF ENGINE
CAUSE LEAKING

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CORRECTION Techlane : (part 1/2)
ORIGINAL COMPLAINT: (EA) DIAGNOSE AND ADVISE FOR UNIT HAS OIL LEAKS ON DRIVER SIDE OF ENGINE

MODIFIED COMPLAINT: AIR COMPRESSOR PUSHING OIL

FAULT CODES: N/A

PRIMARY FAILED COMPONENT: COMPRESSOR - AIR BRAKES / 013-009-001
CAUSE: LEAKING
PFP: DDE EA4711305815
CORRECTION: REPLACE
WARRANTY STATUS: DTNA COVERAGE AVAILABLE
PARTS DISPOSITION: RETURN (RETURN ONLY PFP)

NOTES/DIAGNOSTIC TIMES:

101-010EE DETROIT ENGINE EXTERNAL OIL LEAK DIAGNOSTICS - DIFFICULT AL
- LOCATED UNIT ON THE LOT. BROUGHT INTO THE SHOP. STEAMED OFF ENGINE. BACKED UNIT OUT OF THE SHOP AND RAN ENGINE TO OPERATING TEMP. BROUGHT INTO THE SHOP. INSPECTED FOR LEAKS. NONE FOUND ON THE ENGINE BUT THE AIR COMPRESSOR LINES ARE SOAKED WITH OIL AND THE DRYER IS DRIPPING OIL OUT OF THE PURGE VALVE. LOOKED UP TROUBLESHOOTING AND FOLLOWED STEPS FOR OIL AT PURGE VALVE OF DRYER. UNIT WILL NEED A NEW AIR COMPRESSOR AS IT IS PUSHING OIL. PUT IN A PARTS REQUEST FOR LINES, DRYER, AND COMPRESSOR. PARKED UNIT ON THE LOT. AL

NOTES/REPAIR TIMES:

107-6929E AIR COMPRESSOR, R/R WITH STEAM CLEAN AND ROAD TEST SP
107-7936A AIR DRYER PURGE AND AIR DRYER, R/R SP
131-6005A DISCHARGE LINE, AIR COMPRESSOR, R/R SP
- R/R ALL LINES FROM THE AIR COMPRESSOR TO THE AIR DRYER SP

TECHLIT PROCEDURES:

Oil at Purge Valve, Dryer Cartridge or Reservoir
STATUS: SUBMITTED

1 Check the maintenance history of the truck to determine if the air compressor has been regularly serviced. EPA07/EPA10/GHG14/GHG17 Preventive Maintenance Tables - 93K222(CK-4) and 93K223(FA-4). Has the preventative maintenance been performed? - AL

1a Yes; go to step 2 - AL

2 Check for air system leaks. Air Brake System and Accessory Leakage Test. Were air system leaks found? - AL

2b No; go to step 3 - AL

3 Check for a folded or damaged discharge line. Is there any damage to the discharge line? - AL

3b No; go to step 5 - AL

4 Remove the discharge line from the air compressor and inspect for carbon build up. Does carbon build up inside the line exceed 1.58 mm (.0625 in.)? - AL

4b No; go to step 5 - AL

5 Is the air compressor discharge line at least 2.74 m (9 ft) long between the air compressor and air dryer? - AL

5a Yes; go to step 6 - AL

6 Inspect the air inlet for any restrictions. Were any restrictions found? - AL

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6b No; go to step 7 - AL

7 Check for restriction in the compressor air intake tube from the turbo compressor inlet pipe to the air compressor inlet. Were any intake restrictions found? - AL

7b No; go to step 8 - AL

8 Test the air compressor governor system. Governor System Leakage and FunTechlane : (part 2/2)ction Test. Is the governor functioning correctly? - AL

8a Yes; go to step 9 - AL

9 Check the condition of the air dryer desiccant cartridge. Has the cartridge exceeded its service life? - AL

9b No; go to step 10 - AL

10 Does the air dryer have the correct desiccant cartridge installed? - AL

10a Yes; replace the air compressor. - AL

QTY	ITEM	DESCRIPTION	TECHNICIAN
	EXP	(EA) DIAGNOSE AND ADVISE FOR	TECH NO. 4864
	00	GENERAL REPAIR	TECH NO. 5355
1	203F/F4HZ 3K506 C	MOUNTING GASKET-POWER STEERING	
1	203F/DDE EA4711305815	AIR COMPRESSOR, SINGLE CYLINDE	
1	203F/WAB 432 480 341 0	HP AIR DRYER WITH PURGE TANK	
1	203F/A12-32116-000	TUBE-DISCH,DD15,ZN1,MSAC,P4	
1	203F/A12-23236-024	HOSE ASSY-AIR DISCHARGE, 10,HI	
1	203F/A12-32115-000	TUBE-DISCH,COOLER,ZONE 3,P4	
1	203F/A12-23236-036	PIPE/HOSE-COMPRESSOR DISCHARGE	
1	203F/23-12864-000	ELBOW-45 M26,O RING,SAE	
2	203F/DDE A0029974271	FITTING, COOLANT LINE, AIR COM	
10	203F/PH VS269NTA4 2	ELBOW MALE	
1	203F/23-12536-006	ADAPTER-M10 O/RING TO 1/8 FPT	
1	203F/DDE A4722004651	LINE, COOLANT SUPPLY, ONE CYL	
1	203F/DDE A4722004751	LINE, COOLANT RETURN, ONE CYL	
1	203F/DDE A0111534828	SENSOR, EXHAUST MANIFOLD PRESS	
1	203F/DDE A0111539328	FUEL PRESSURE SENSOR	
1	203F/DDE EA4711305815-CORE	AIR COMPRESSOR, SINGLE CYLINDE	
	VMRS	013-009-001-18-03-00-00	
	C	CAN ALSO USE BW K092871PG	

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JOB#3 TCIUS SWD COURTESY INSPECTION ADDED ITEM

CLAIM NUMBER# **BWFD2024EP84T**

CONDITION CHECK AND ADVISE CAM PLUGS ARE LEAKING

CAUSE LEAKING

CORRECTION Techlane :
ORIGINAL COMPLAINT: CHECK AND ADVISE CAM PLUGS ARE LEAKING

MODIFIED COMPLAINT: N/A

FAULT CODES: N/A

PRIMARY FAILED COMPONENT: PLUG - OIL GALLEY, CAMSHAFT / 045-008-004

POSITION: Front

CAUSE: LEAKING

PFP: DDE A4729980290

CORRECTION: REPLACE

WARRANTY STATUS: DTNA COVERAGE AVAILABLE

PARTS DISPOSITION: SCRAP

NOTES/DIAGNOSTIC TIMES:
101-010AE DETROIT ENGINE EXTERNAL OIL LEAK DIAGNOSTICS - EASY SP

NOTES/REPAIR TIMES:
101-6712A PLUG, CAMSHAFT HOUSING, FRONT, R/R, WITH STEAM CLEAN AND REPAIR VALIDATION SP

TECHLIT PROCEDURES: N/A

QTY	ITEM	DESCRIPTION	TECHNICIAN
00		GENERAL REPAIR	TECH NO. 5355
2	203F/DDE A4729980290	PLUG, CAMSHAFT HOUSING, 40 MM	
	VMRS	045-008-004-18-03-01-00	

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BY:_____

SIGNATURE X _____