



FAMILY OWNED SINCE 1958



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

INVOICE NO.	R203178362:01
INVOICE DATE	10/30/2024
P.O. NUMBER	
VIN	3AKJHHDR1MSMZ5511
UNIT	729

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	COLOR	GRN	SCHED	10/16/24	UNTID	716968	
YEAR	21	MAKE	FTL	MODEL	PT126	MILES	397648	INSVC	12/31/99	ACCT	CHG

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

CLAIM NUMBER# **BWFD2024EK78T**

CONDITION (EA) DIAGNOSE AND ADVISE FOR UNIT IS STUCK IN GEAR - SHAKES REAL BAD WHEN UNIT IS STARTED
(TOW IN)

CAUSE LEAKING

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CORRECTION Techlane : (part 1/2)
ORIGINAL COMPLAINT: (EA) DIAGNOSE AND ADVISE FOR UNIT IS STUCK IN GEAR - SHAKES REAL BAD
WHEN UNIT IS STARTED (TOW IN)

MODIFIED COMPLAINT: N/A

FAULT CODES: N/A

PRIMARY FAILED COMPONENT: ACTUATOR ASSEMBLY - CLUTCH, AUTOMATED TRANSMISSION /
026-015-047
CAUSE: LEAKING
PFP: A 003 250 21 15
CORRECTION: REPLACE
WARRANTY STATUS: DTNA COVERAGE AVAILABLE
PARTS DISPOSITION: RETURN (RETURN ALL PARTS)

ATTACHMENTS:
ATTACHMENT COUNT: 1

NOTES/DIAGNOSTIC TIMES:
939-6045A DISABLED VEHICLE - MOVE INTO SHOP CT
939-6225D COMPUTER HOOKUP USED IN VEHICLE DIAGNOSTICS CT
- TOWED UNIT INTO SHOP CT
- CONNECTED TO DL8. THERE ARE NO RELATED FAULTS. CHECKED THE ABORT COUNTS. THERE ARE
254 COUNTS FOR GEAR ENGAGEMENT DETECTION. CHECKED THE TRANS FLUID LEVEL. THE TRANS IS
FULL OF FLUID. TRIED STARTING UNIT AND IT IS TRYING TO TURN THE DRIVE SHAFT. OPENED THE
TRANS TAB UNDER ACTION ABORT. ACTIVATED THE TRANS THROUGH THE GEARS. IT WENT THROUGH
THE LOW GEARS BUT NOT THE HIGH GEARS. SET THE TRANS TO NEUTRAL . JACKED UP THE REAR AND
PLACED BOTH AXLES ON JACK STANDS. RELEASED THE BRAKES AND TRIED STARTING THE UNIT. THE
REAR TIRES STARTED TO SPIN. LOWERED UNIT. REMOVED THE INSPECTION PLACED AND CHECKED
FOR DAMAGE. NONE FOUND. TRIED BARRING THE ENGINE. THE ENGINE DID BAR OVER. REMOVED THE
BARRING TOOL AND TRIED STARTING THE UNIT. IT STILL TRYING TO TURN THE DRIVE SHAFT. NEED TO
PULL THE TRANS AND INSPECT FOR DAMAGE. NOTIFIED FOREMAN CT
- TOWED UNIT OUT OF SHOP CT
- TOW UNIT INTO SHOP, REMOVE DRIVESHAFT, REMOVE EXHAUST, REMOVE FUEL BRACKETS WIRING
HARNESS COOLER LINES, REMOVE TRANSMISSION SL
- REMOVED TCM AND CONNECTED TO TRUCK AND PULLED SHIFT ABORT COUNTER. FOUND GEAR
ENGAGEMENT COUNT IS 254. VERIFIED FLUID NOT CONTAMINATED. INSPECTED CPCA, FOUND
GROOVES IN CPCA BEARING AND CLUTCH FORK FINGERS WORN AND DAMAGED. NEED CLUTCH AND
CPCA MT

NOTES/REPAIR TIMES:
342-6020B ACTUATOR, CLUTCH RELEASE, DT12, R/R EM
180-6012C CLUTCH, DT12, R/R EM
- REMOVED TCM AND CONNECTED TO TRUCK AND PULLED SHIFT ABORT COUNTER MT
- UNIT WOULD NOT SHIFT FROM LOW TO HIGH GEARS. TAIL SHAFT LOCKED IN PLACE. REMOVED
RANGE PISTON AIR LINES AND APPLIED SHOP AIR. TRANS UNLOCKED ALLOWING TAIL SHAFT TO SPIN.
PULLED SHIFT ABORT COUNTERS. SHIFT LOW AND HIGH ABORT COUNTERS WERE COUNTED HIGH. UNIT

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WILL NEED RANGE PISTON REPLACED AND HOUSING RESEALED MT
- UNIT WOULD NOT SHIFT FROM LOW TO HIGH GEARS. TAIL SHAFT LOCKED IN PLACE. REMOVED RANGE PISTON AIR LINES AND APPLIED SHOP AIR. TRANS UNLOCKED ALLOWING TAIL SHAFT TO SPIN. PULLED SHIFT ABORT COUNTERS. SHIFT LOW AND HIGH ABORTTechlane : (part 2/2)COUNTERS WERE COUNTED HIGH. UNIT WILL NEED RANGE PISTON REPLACED AND HOUSING RESEALED MT
- REMOVED OLD CPCA AND CLEANED BELL HOUSING. INSTALLED NEW CPCA AND O RING. SECURED HARNESS. REMOVED CLUTCH AND FLYWHEEL. FOUND CLUTCH IS DAMAGED. AFTER REMOVING FLYWHEEL FOUND REAR MAIN SEAL IS LEAKING. MT
- LOCATED THE UNIT INSIDE THE SHOP INSTALLED NEW PILOT BEARING AT THE FLYWHEEL REINSTALLED FLYWHEEL PUT BLUE LOCTITE AND TORQUE TO SPEC. ALSO REINSTALLED NEW CLUTCH WITH NEW CLUTCH BOLTS AND TORQUE TO SPEC.. JACKED UP THE UNIT AND PUT THE TRANS UNDER THE UNIT LOWERED THE UNIT. JR
- LOCATED THE UNIT INSIDE THE SHOP. REINSTALLED THE TRANS TO FROM THE ENGINE PUT NEW BELLHOUSING BOLTS TORQUE TO SPEC. REINSTALLED FUEL LINES, COOLANT LINES AND ELECTRICAL HARNESS, ALSO REINSTALLED TRANS COOLER LINES TIGHTEN TO SPEC. CONNECT THE TCM PLUGS AND SECURE THE TRANS HARNESS WITH ZIP-TIES, REINSTALLED DRIVE-LINE WITH NEW BOLTS TORQUE TO SPEC. ALSO REINSTALLED THE CENTER BEARING TORQUE TO SPEC. REINSTALLED EXHAUST PIPE AND PUT NEW CLAMP TIGHTEN TO SPEC. REMOVED BOTH FRONT WHEELS JACK, HOOKUP THE UNIT TO DL8 AND START THE TRANS LEARN PROCEDURE AND NOT PASS. INFORMED FOREMAN JR
- AIRED TRUCK UP MANUALLY BY AIR DRYER. RUN THE CLUTCH LEARN PROCEDURE. PASSED. STARTED ENGINE. THE SHIFTER WILL NOT SHIFT INTO GEAR. SHUT OFF ENGINE. STARTED THE TRANS LEARN PROCEDURE AND NOT PASS.

QTY	ITEM	DESCRIPTION	TECHNICIAN
	EXP	(EA) DIAGNOSE AND ADVISE FOR	TECH NO. 3788
	00	GENERAL REPAIR	TECH NO. 4721
	00	GENERAL REPAIR	TECH NO. 1282
1	203F/A 003 250 97 15	RELEASE BEARING	
1	203F/DDE A0229979548	O-RING, RELEASE CYL	
20	203F/23-14470-250	SCR-MACH,HEXFLGH,.44-14X2.5	
1	203F/A02-14108-002	CLUTCH-ASSY,HD AMT,430,1-PLT	
12	203F/23-13329-095	BOLT-HEX FLG,PC 10.9,M10X95	
1	203F/DDE A0119812025	PILOT BEARING	
(1)	203F/A 003 250 97 15-CORE	RELEASE BEARING	
100	203F/PHM 8 44147	TIE STRAP-15IN BLACK,NYLON,100	
100	203F/PHM 8 43147	TIE STRAP-14.5IN,BLACK,NYLON,5	
8	203F/23-12891-175	SCREW-SOCKETHEAD 12PT,1/2-20,1	
1	203F/TCX T130158342AC2	CLAMP-V BAND,5" HDEP SPHERICAL	
1	203F/A 003 250 97 15-CORE	RELEASE BEARING	
	VMRS	026-015-047-11-03-00-00	

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BY:_____

SIGNATURE X _____