

# SERVICE ORDER: R105001549

DATE ARRIVED	DATE INVOICE	SALES TYPE	ADVISOR	TERMS	CUSTOMER REFERENCE			
8/9/2019 12:48:59PM		SAR		CASH				
YEAR	MAKE	MODEL	VIN	CUSTOMER UNIT #	ENGINE HOURS	IN SERVICE	Component Serial #	ODOMETER
2008	FREIGHTLINER	M-2	8H244146	18040	0		6510730558	301777

## Sold Operations

### JOB #1 03-00

### TRANSMISSION

COMPLAINT  
CAUSE  
CORRECTION

TRANSMISSION REPLACEMENT DUE TO COOLANT MIGRATION INTO TRANS. OIL.  
TRANSMISSION COOLER LEAKING  
REMOVED DRIVE LINE, ELECTRICAL PLUGS, HYDRAULIC PUMP OFF OF PTO, TORQUE CONVERTER BOLTS, AND DIPSTICK TUBE RETAINING SCREW. TRANSMISSION WAS ALREADY UNPLUGGED AND LOOKS LIKE SOME WIRE WERE PULLED FROM THE PLUG ITS SELF. VEHICLE BATTERIES HAVE LITTLE TO NO VOLTAGE IN THEM, SOME PTO LINES WERE ALREADY DISCONNECTED AND THE COOLER LINES WERE DISCONNECTED AS WELL. REMOVED THE FUEL LINE RETAINERS, EXHAUST BRACKET WHEN REMOVING UPPER TRANSMISSION BELL HOUSING BOLTS, AND REMOVED LOWER BELL HOUSING BOLTS, SLID TRANSMISSION OUT, HOISTED ONTO TRANSMISSION BENCH AND REMOVED THE PTO AND INSTALLED A COVER, REMOVED ADAPTATION CIRCLLET, YOLK AND ALL THE FITTINGS THAT NEED TO BE REMOVED FOR SHIPPING TO WICHITA FOR REBUILDING. INSTALLED ENGINE ADAPTATION PLATE TORQUING CAP SCREWS TO 26-FT AS RECOMMENDED BY ALLISON, MOUNTED THE YOLK TORQUING THE BOLT TO ALLISON SPECIFICATIONS. POSITIONED TRANSMISSION AND SLID IT INTO ITS PLACE, REINSTALLING ALL THE BELL HOUSING BOLTS, HAD TO REMOVE THE INPUT SPEED SENSOR TO TURN THE TORQUE CONVERTER TO START THE CAP SCREWS AND TIGHTENED TO MANUFACTURES SPECIFICATIONS. THEN ROTATED THE ENGINE INSTALLING THE REST OF THE 5 AND TIGHTENING TO SPECIFICATION. INSTALLED THE HYDRAULIC PUMP. NOTICED THE WIRING FOR THE PTO SOLENOID HAD A LOT OF BARE WIRE SHOWING SO REPLACED THE WIRES AND SPLICES THAT SHOWED BARE WIRE AND RE LOOMED. PLUGGED IN THE TRANSMISSION AND ZIP TIED ALL THE WIRING BACK WHERE THEY WENT. PULLED THE DIPSTICK PLUGGED AND MOUNTED THE DIP STICK. RAN AND MOUNTED THE TRANS COOLER LINES, THEN FILLED THE TRANSMISSION UP WITH FLUID. PLUGGED IN ALLISON DOC AND STARTED THE TRUCK. MONITORED THE TRANSMISSION AND CHECKED THE STICK LEVEL OF FLUID WAS GOOD. STARTED TRUCK UP AND GOT ALL THE LINES MOUNTED AND ZIP TIED UP, TOOK IT AROUND THE BUILDING TO WASH IT OFF, PULLED IT BACK IN HAD A SMALL LEAK AT DIPSTICK TUBE LESSENED CLAMP GOT UP TOP AND WIGGLED IT DOWN TIGHTENED TUBE CLAMP BACK DOWN, DIDNT SEE ANY IMMEDIATE LEAKS.

QTY	ITEM	DESCRIPTION
1	105A/29546229	SEAL-OIL TUBE (OIL FILL TUBE)
1	105D/CHL 35 P 74	SHIFTER COVER GASKET-D/S
1	105Z/29544863	MD3500P POWERFORCE TRANSMISSIO
0	105Z/29544863-CORE	MD3500P POWERFORCE TRANSMISSIO
	LABOR ATD620-6074A	[94000050] R&R TRANSMISSION-FREIGHTLINER-MT



## Sold Operations (Cont.)

Parts: \$4,967.34 Labor: \$2,025.00 Misc: \$0.00 Sublet: \$0.00

## JOB #2 05-00

## ALL MAKES

COMPLAINT  
CAUSE  
CORRECTION

REPLACE TRANS COOLER LINES AND RADIATOR  
TRANS COOLER LEAKING INSIDE RADIATOR  
DRAINED COOLANT. REMOVED UPPER AND LOWER COOLANT HOSE, TRANS COOLER LINES, HOLDING PINS AND STARTED TO SLIDE IT DOWN. HAVE TO REMOVE CROSS BRACE TO GET RADIATOR TO FINISH SLIDING OUT. REMOVED CRASS BRACE AND ANY OTHER HARDWARE TO REMOVE THE RADIATOR AND GOT IT OUT. REMOVED THE TRANSMISSION COOLER LINES. GOT NEW RADIATOR SLID IT INTO ITS SPOT, PINNED THE RIGHT SIDE SLIDING THE LEFT SIDES BRACKET IN. GOT LEFT HAND BRACKET INTO PLACE AND SLID THE PINS IN, INSTALLED 1 OF THE SLIDE PIN RETAINING CLIPS. INSTALLED ALL THE CLIPS AND HARDWARE TO KEEP RADIATOR THERE, INSTALLED UPPER AND LOWER HOSE. SLID THE LEST SIDE IN AND CONNECTED THE UPPER/ LOWER AND BREATHER HOSES FOR THE RADIATOR, FILLED WITH COOLANT AND NO LEAKS AT THIS MOMENT. WENT TO CHARGE THE BATTERIES AND SAW THAT THEY HAD 0 VOLTS. REPLACED BATTERIES. HAD TO SWAP TO THE OLD TRANS COOLER FITTINGS TO MATCH THE HOSES WE HAD ORDERED, STARTED VEHICLE AND NO LEAKS PRESENT AT THIS TIME.

QTY	ITEM	DESCRIPTION
2	105D/EPM DD31S925E	12V VALUE START 12V VALUE STAR
0	105D/EPM DD31S925E-CORE	12V VALUE START 12V VALUE CORE
1	105D/GT 1245QLD076	HOSE- NO. 12 45DEG QLD JIC
1	105D/GT 1290QLD083	HOSE-NO. 12 90DEG QLD JIC
6	105D/MBL 122062	DEL VAC/GAL JUG SYNTHETIC ATF
9	105D/OWI 23519396	PWRCLPLS
1	105X/238616	RADIATOR
2	105X/SHC32	"Clmp9/16" wide-1 9/16"-2 1/
	LABOR 266-6013A	TRANS OIL COOLER, INTEGRAL W/ RADIATOR, EPA07
1	FRT	FREIGHT
1	frt	FREIGHT for RADIATOR

## JOB #3 03-00

## TRANSMISSION

COMPLAINT  
CAUSE  
CORRECTION

TRANSMISSION DRIVEN PTO REBUILD  
COOLANT IN PTO  
PTO GOT COOLANT IN IT. HAD TO ORDER PARTS TO REBUILD PTO. RECEIVED PTO REBUILD PARTS FOUND SERVICE MANUAL AND PRINTED OFF WILL DO TEAR DOWN AND REBUILD. DISSEMBLED ACCORDING TO MUNCIE DIRECTIONS REPLACED O-RINGS, SNAP RINGS, BEARINGS, STEELS, FRICTIONS, AND ALL PARTS FOR IT THAT CAME WITH THE REBUILD KIT, TORQUED FASTENERS TO MUNCIE SPECIFICATIONS, INSTALLED DRIVE GEAR AND SPACE TO WHERE IT SPINS FREELY AND HAD THE CORRECT PRE LOAD IN IT, ACTUATED THE CLUTCHES WITH AIR AND MADE SURE WHEN ENGAGED IT DRIVES THE SPLINES AND WHEN RELEASED IT HOLDS STILL. INSTALLED PTO ONTO THE NEW TRANSMISSION, WITH A NEW GASKET TORQUING BOLTS TO MANUFACTURE SPECIFICATIONS.

QTY	ITEM	DESCRIPTION
1	105D/MPM CS24RBK	REBUILD KIT - CS24-D/S
1	FRT	FREIGHT
	LABOR PWR00000048	[99.7-PTO] REMANUFACTURE PTO