

BUS:		CELL:		SERVICE ADVISOR:		1977 VEHICLE PRICE	
COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/OUT	TAG	
RED	18	KENWORTH T300	2NKHMM6X6JM185813	YBC0249	173601/173601	T5813	
DEL DATE	PROD DATE	WARR EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV DATE
02JAN18	DD03OCT17		23:54 30AUG22	0		CASH	15SEP22
R.O. OPENED		READY		OPTIONS: ENG:74203007 TRN:2500RDS AXL:P20060S			
16:07 20APR22		14:22 15SEP22					
LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
PARTS:		0.00	LABOR:	0.00	OTHER:	0.00	TOTAL LINE B:
							0.00

CUSTOMER
UNIT# 2

BOB'S T
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BUS:		CELL:		VIN		LICENSE	MILEAGE IN/OUT	TAG
COLOR	YEAR	MAKE/MODEL						
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16:07 20APR22 14:22 15SEP22 LIST NET TOTAL

LINE OPCODE TECH TYPE HOURS
A UPPER ENGINE NOISE CHATTER WHEN ENGINE BRAKE ENGAGES , ENGINE KNOCK
NOW WITH LOW POWER

CAUSE: CUMMINS

ENG ENGINE

1113 WRS	(N/C)
5304 WRS	(N/C)
3 4520PEN CLEANER -NON-CHLORINATED BRK HIGH	(N/C)
V.O.C.	(N/C)
1 B6*7* ENGINE ASSY NEW COMPLETE 6.7	(N/C)
ENG-S/N=74203007 REPLACEMENT	
1 F50-1909-0750 HOSE-A/C #12 ASSY	(N/C)
1 VH11600 KIT- O-RING- HVAC SERVICE-	(N/C)
RUBBER/HNBR	(N/C)
1 F37-1023 DRYER-RECEIVER CAB	(N/C)
SEND WITH MATT	
1 4988280CUM GASKET, HYDRAULIC PUMP	(N/C)
3 550050745 PZL DEX/MERC ATF 6*1QT A0II	(N/C)
1 RS2863JAB ELEMENT-FILTER AIR OUTER RADSL	(N/C)
9-5/16 OD	(N/C)
1 90-70-28X KIT-STRAP	(N/C)
50 CT05512 TIE-CABLE 120LB, 15.25" BLK	(N/C)
5 CTD6511 TIE-CABLE DUAL CLAMP BLK 19.2"	(N/C)
150LBS	(N/C)
1 M42-1005 GASKET-EXHAUST 3-1/2"	(N/C)
1 29536834 DIPSTICK SEAL	(N/C)
1 23049056 BOLT-M10X1.5X15	(N/C)
5 CTD6511 TIE-CABLE DUAL CLAMP BLK 19.2"	(N/C)
150LBS	(N/C)
2 9210TRP CLAMP-HOSE W/LINER #10	(N/C)
3 3505TRP CLAMP-HOSE AIR/FUEL	(N/C)
20 CT05512 TIE-CABLE 120LB, 15.25" BLK	(N/C)
2 CT9444TRP CLAMP-CONSTANT TORQUE #44	(N/C)
2 730393ATC WASHER-SEALING A/C #8	(N/C)
2 550050745 PZL DEX/MERC ATF 6*1QT A0II	(N/C)

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

BASE.

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/OUT	TAG	
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16:07 20APR22 14:22 15SEP22

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
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HEAD, AIR COMPRESSOR, TURBO, OIL FILTER HOUSING, OIL COOLER, OIL PUMP, 3 EXHAUST ROCKERS AND ONE INTAKE ROCKER. CALLED CUMMINS, WAS ON HOLD FOR QUITE AWHILE. STARTED CLEANING PARTS. FINALLY GOT THROUGH TO CUMMINS LEVEL 2, WAS INSTRUCTED TO PUT ENGINE BACK TOGETHER AND GET A COMPLETE ENGINE, RECON OR NEW, WHICHEVER HAS THE LESSER LEAD TIME. REQUESTED PARTS DEPT TO ORDER COMPLETE ENGINE, RECON OR NEW WHICHEVER SHOULD BE HERE QUICKER, WAITING FOR RESPONSE.

1113 - 05/10/2022 - REASSEMBLED ENGINE FOR CORE.

1113 - 08/29/2022 - SWAPPED CHASSIS SPECIFIC PARTS FROM OLD ENGINE TO NEW ENGINE. INSTALLED ENGINE INTO CHASSIS.

1113 - 08/30/2022 - INSTALLED COOLING PACK. START CONNECTING CHASSIS COMPONENTS TO ENGINE.

1113 - 08/31/2022 - FINISHED CONNECTING CHASSIS COMPONENT TO ENGINE. SECURE HARNESSES AND HOSES. INSTALLED A/C LINES. INSTALLED NEW AIR FILTER. FILL WITH NEW ENGINE OIL. FILL WITH NEW COOLANT. FILL POWER STEERING RESERVOIR. INSTALLED NEW TRANS DIPSTICK SEAL. STARTED INSTALLING TRANSMISSION.

1113 - 09/01/2022 - INSTALLED TRANS. INSTALLED DRIVE LINE WITH NEW STRAP KIT - TORQUED. INSTALLED PTO PUMP. INSTALLED STARTER. CONNECT BATTERIES. CONNECT INSITE. INSTALL ECM TEMPLATE CREATED FROM OLD ECM. PROGRAMMED VEHICLE SPECIFIC INFO. CLEARED FAULTS. RUN ENGINE. TOP OFF TANS FLUID TO COLD FULL MARK. TOP OFF POWER STEERING FLUID. HAS COOLANT LEAK AT LOWER RAD HOSE. REPLACED HOSE CLAMP WITH A CONSTANT TORQUE CLAMP, SEEMS TO BE HOLDING NOW.

09/01 5304 REPLACED A/C DRYER NEW, ADDED OIL AND LEAK DYE TO SYSTEM AND CHARGED, TESTED A/C SYSTEM, NO LEAKS AND DUCT TEMP WAS 47F, TEST DROVE TRUCK AND INSPECTED OPERATION, ENGINE AND TRANS IN OPERATING NORMALLY, PULLED BACK INTO SHOP AND INSPECTED FOR LEAKS, NO LEAKS VISIBLE ALL SEEMS FINE, CHECKED AND TOPPED OFF ALL FLUIDS, OK TRUCK DONE

B Moved to: 427379GRS Line: A
15A Moved to: 427379GRS Line: A

DESCRIPTION	(N/C)
LABOR AMOUNT	TOTALS
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

HASE.

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173601

1113 - 04/28/2022 - START ENGINE TO CHECK FOR NOISE - HAS VERY LOUD ROD KNOCK SOUND. CONNECT INSITE, PRINT INFORMATION AND SAVE W/O IMAGE. EXPORT W/O IMAGE. REMOVED AIR PIPING FROM TURBO - FOUND TURBO LOOKS OK BUT DOES NOT SPIN FREELY. REMOVED VALVE COVER AND LOOK AT OVERHEAD QUICKLY - NOTHING JUMPING OUT AS BEING FAILED/BROKEN. DRAIN ENGINE OIL - OIL LOOKS LIKE METAL IS PRESENT. REMOVED OIL PAN - FOUND BEARING MATERIAL. REMOVED PICK UP TUBE AND BLOCK STIFFENER PLATE. FOUND #5 ROD BEARING IS GONE. REMOVED ROD CAP, FOUND ONE ROD BOLT NOT VERY TIGHT COMPARED TO THE OTHER. TOOK PICTURES. OPEN EDS CASE DSBZW2996. UPLOAD W/O IMAGE AND PICTURES TAKEN OF CRANK AND ROD CAP. CHECK WARRANTY COVERAGE, HAS EXTENDED HD1 AND AT3. ESCALATE CASE. CALL CUMMINS FOR DIRECTION. NEED TO REFER TO DIRECTIONS AND PDF FILE IN TECHS EMAIL FOR INSPECTION AND PICTURE TAKING INSTRUCTIONS.

1113 - 05/04/2022 - COMPLETELY REMOVE OVERHEAD COMPONENTS - FOUND 3,5 AND 6 EXHAUST ROCKERS STICKY AND NUMBER 6 INTAKE STICKY. ALL NOTED ROCKERS HAVE SHAFT SCORING. NO OTHER OVERHEAD ISSUES FOUND. REMOVED ALL ROD BEARINGS. CLEANED CAPS, ROD BEARINGS AND BOLTS. REMOVED 2-6 MAIN BEARINGS. CLEANED BEARINGS, MAIN CAPS AND BOLTS. REMOVED OIL PRESSURE REGULATOR SPRING AND PLUNGER. PLUNGER SEEMED TO BE STUCK IN BORE AND WAS DIFFICULT TO REMOVE, ONLY LIGHT SCORING NOTED ON PLUNGER. REMOVED COOLING PACKAGE FOR ACCESS TO FRONT ENGINE COMPONENTS. REMOVED CRANK DAMPER AND FRONT SEAL. SUPPORT ENGINE. REMOVED FRONT ENGINE MOUNT AND FRONT COVER FOR ACCESS TO THE ENGINE OIL PUMP. REMOVED OIL PUMP. DISASSEMBLED PUMP AND CLEANED. TOOK ALL REQUIRED PICTURES FOR WARRANTY. UPLOADED PICTURES AND OIL CHANGE RECORDS TO THE EDS CASE. CALLED CUMMINS LEVEL 2 TO PROVIDE AN UPDATE.

1113 - 05/06/2022 - REINSTALLED ROD BEARINGS AND CAPS. REMOVED FLEX PLATE BOLTS. REMOVED TRANSMISSION. PREP ENGINE FOR REMOVAL FROM CHASSIS.

1113 - 05/09/2022 - REMOVED ENGINE FROM CHASSIS. DISASSEMBLE ENGINE DOWN TO SHORT BLOCK. INSPECT OIL SUPPLIED PARTS FOR REUSE. FOUND PISTON #5 HAD BEEN IN CONTACT WITH HEAD AND VALVES. SHORT BLOCK WILL NEED

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

ASE.