

Customer Number:

Invoice Number:

Service Date

Invoice Date

2/28/2020

3/24/2020

Serial Number	Make / Model	Year	License Number	Mileage
1XKYDP9X9JJ135610	KENWORTH/T680	2018		336892

OPERATION 1

COMPLAINT: C/A LOUD CLANKING SOUND FORM ENGINE AREA WHEN STEP ON
VMRS CODE: 01-999-999-999-06-00

CORRECTION: INSPECT-TOTAL VEHICLE-TOTAL VEHICLE-NO FAILURE
DROVE TRUCK INSIDE SHOP, REMOVE BUMPER, REMOVE AIR CLEAN,
VALVE COVER INSPECT ALL PUSH TUBE, NOTHING COME PART, RAN
CYLINDER CUTOUT, AND CRANKSHAFT ROTATION, OPEN TSC
REMOVE VIDEO AND UPLOAD TO TCS
CASE. DRAIN ENGINE OIL, REMOVE OIL PAN OIL PICK UP TUBE,
FOUND %5 EXHAUST CAM LOBE DAMAGED, TOOK PIC UP LOAD TO
TCS365, AND REMOVE R3, #4, #5 MAIN, INSPECT MAIN BEARING OK.
TOOK MORE PIC AND SEND IT IN TURN THE ENGINE TO GET GOOD PIC
FOUND A CRACK IN THE CRANK. DRAIN COOLANT, RECOVER FREON
3.51 LB, DISCONNECT ALL COOLANT HOSES, HARNESS, REMOVE
RADIATOR, FAN, REMOVE D/S STEP AND DISCONNECT BATTERY
CABLES, AND CABLE AT STARTER, REMOVE DRIVELINE, YOKE AND
HARNESS, AIR LINE AND COOLANT HOSE AROUND TRANS., ENGINE,
STARTER, ECA, AND CAGED CLUTCH AND REMOVE. TCS
CASE.03679386. TEAR DOWN ENGINE WHILE NEW ENGINE BEING
SHIPPED, REMOVED FRAME CROSSMEMBERS. FOUND SOME DAMAGE TO
SOME COMPONENT TO ENGINE, TOOK PICTURES SEND EMAIL AND
ADVISE FOREMAN, INSTALL HARNESS, LOW SIDE A/C LINE AND SWAP
ECM, CONNECT POWER STEERING HOSES TO PUMP, SWAP FLYWHEEL,
GOT BEARING INSTALL, MOUNT FLYWHEEL, CLUTCH, TRANSMISSION
INSTALL ENGINE AND TRANS IN UNIT, CONNECT HARNESS ON
TRANS, AND SECURE AIR HOSE AND COOLANT ON TRANS, INSTALL
ECA, YOKE AND DRIVELINE, CONNECT STARTER, ALT. AND CONNECT
HARNESS. CONNECT EXHAUST PIPE, FUEL LINE TO DOSER, INSTALL
FAN HUB WITH BELTS, AND CROSSMEMBER, SECURED HARNESS,
HEATER FITTING AND HOSES, FAN, RADIATOR, A/C. NECESSARY
REPLACE BROKEN SENSOR THEN INSTALLED BOTTOM BRACKET FAN
BLADES AND COOLANT LINE INTAKE MODULE AND WHEEL SPEED SENSOR
INSTALLED RADIATOR CONNECTED ALL COOLANT LINE AND FILLED UP
WITH COOLANT, REPLACED A/C DRYER WITH NEW OIL RING PULLED

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VAC AND CHARGE SYSTEM WITH 3.75 LB OF FREON, CONNECTED HOSE FROM CAC TO TURBO CONNECTED BATTERY STARTED TRUCK HAD DEF LIGHT FLASHING HAD A GROUND LOSE HAD TO CONNECT LIGHT STOP FLASHING ALSO PUT HOOD ON, CLEAR CODES TOP OFF COOLANT AND VERIFY OIL LEVEL SECURE HARNESS AT PDI AND ENGINE, AND SECURE A/C HOSE AND LOW AND HIGH SIDE CAPS, TOP OFF COOLANT, ADD 3 QT OF POWER STEERING FLUID, GRAB P/C CLEAR F/C, PERFORM STATIONARY REGEN. CHECK FOR LEAKS NONE FOUND, PULL BACK IN, TOP OFF COOLANT, AND INSTALL BUMPER. LOCATED TRUCK ON YARD LET RUN UP TO OPERATING TEMP., TOOK ON TEST-RUN TO CONFIRM REPAIRS NO CEL NOR FAULT CODES APPEARED AT PRESENT TIME.

Labor --

100% Warranty --

Labor Total --

6306LLUA1C3/2E

BEARING

1

CS-C8-20-52

BOLT-TWELVE PT W/FLG 1

4

71386IMP

WIRE TIE BLK 14-1/2

25

71379-4IMP

PLASTIC TIES

25

V38-1089

FTG-STR 3/4" HOSE BEAD

1

V38-6040

FITTING - TEE 3/8 BEAD

1

V38-1090

FTG-45DEG 3/4" HOSE BE

1

1844896PE

GASKET-EXHAUST CIRCULA

1

5526-075X25FX

HOSE-HEATE R #12X25' J

3

F37-1022-100

DRYER-RECEIVER W/DYE W

1

RF46790801

A/C ORING KIT/SINGLE J

1

MXHANDLINGFEE

WARRANTY ENGINE N/C

1

Parts --

100% Warranty --

Parts Total --

Total Operation 1 --

OPERATION 2

COMPLAINT: /Recall Campaign: [E258] PACCAR MX-13 EPA17 Oil Cap and VMRS CODE: 01-999-999-999-12-00

CORRECTION: REPAIR RECALL/CAMPAIGN-TOTAL VEHICLE-TOTAL VEHICLE-NO FAILURE

PERFORM RECALL E258, OIL THERMOSTAT AND OIL FILTER CAP REPLACEMENT

Labor --

100% Warranty --

Labor Total --

2271135PE

OIL THERMOSTAT CAP KIT

1

Parts --

100% Warranty --

Parts Total --

Total Operation 2 --

CONTINUED

Invoice Number

- * MHC IS CERTIFIED FOR CATERPILLAR, CUMMINS AND MX *
- * OVERHAULS/WARRANTY REPAIRS *
- * MHC OFFERS PARTS AND SERVICE FOR ALL MAKES OF TRUCK *

REPAIR ORDER SUMMARY		AMOUNT
Labor Total		
Parts Total		
Warranty		10,717.15-

Customer Copy

TOTAL DUE

.00