

REPAIR ORDER WO002622

RO Date: 11/15/22
Internal RO:
Print Date: 10/9/25, 2:18PM Page: 1 / 1

Description: TRACTOR	Location:
Year: 2016	VIN #: 1NKAGGGG20R144073
Unit #: 777	Engine #:
License: 62AN9Z	PMCVI:
Unit Owner: SLK	Make/Model: CATERPILLAR/3406E
Last Cert. Date:	KENWORTH/TRUCK
Last Service:	
Odometer 655821 MI	
Thermo 16704 HR	

Activity Description	Task	Sys	Asm	Reason	Est. Hours
1. Air Dryer & Components INSTALLED NEW AIR DRYER	24	013	017	1	
Activity Created By: C6581MANAGER					

Part Number	Item Description	Core	Failure	Act. Qty.

Activity Description	Task	Sys	Asm	Reason	Est. Hours
2. Brakes - Air Compressor INSTALLED NEW AIR COMPRESSOR INSTALLED FOUR BOTTLES OF AIR SYSTEM ALCOHOL IN AIR TANKS	24	013	009	1	
Activity Created By: C6581MANAGER					

Part Number	Item Description	Core	Failure	Act. Qty.

There are no notes for this facility

REPAIR ORDER WO002772

RO Date: 1/31/23

Internal RO:

Print Date: 10/9/25, 2:16PM

Page: 1 / 1

Description: TRACTOR		Location:
Year: 2016		VIN #: 1NKAGGGG20R144073
Unit #: 777		Engine #:
License: 62AN9Z		PMCVI:
Unit Owner: SLK		Make/Model: CATERPILLAR/3406E
Last Cert. Date:		KENWORTH/TRUCK
Last Service:		
Odometer 657845	MI	
Thermo 16742	HR	

<u>Activity Description</u>	<u>Task</u>	<u>Sys</u>	<u>Asm</u>	<u>Reason</u>	<u>Est.Hours</u>
1. Clutch Assembly - Automatic Transmission INSTALLED NEW CLUTCH AND REAR MAIN SEAL Activity Created By: C6581MANAGER	24	023	002	1	

<u>Part Number</u>	<u>Item Description</u>	<u>Core</u>	<u>Failure</u>	<u>Act.Qty.</u>

<u>Activity Description</u>	<u>Task</u>	<u>Sys</u>	<u>Asm</u>	<u>Reason</u>	<u>Est.Hours</u>
2. Transmission Assembly - Manual REMOVED TRANSMISSION TO BE REBUILT INSTALLED AFTER REBUILD Activity Created By: C6581MANAGER	24	026	012	1	

<u>Part Number</u>	<u>Item Description</u>	<u>Core</u>	<u>Failure</u>	<u>Act.Qty.</u>

There are no notes for this facility

REPAIR ORDER WO002967

RO Date: 4/19/23

Internal RO:

Print Date: 10/9/25, 2:16PM

Page: 1 / 1

Description: TRACTOR

Year: 2016

Unit #: 777

License: 62AN9Z

Unit Owner: SLK

Last Cert. Date:

Last Service:

Location:

VIN #: 1NKAGGGG20R144073

Engine #:

PMCVI:

Make/Model: CATERPILLAR/3406E

KENWORTH/TRUCK

Odometer 680112

MI

Thermo 17246

HR

Activity Description

Task

Sys

Asm

Reason

Est. Hours

1. Transmission Assembly - Automatic Transmission

24

027

037

1

INTALLED NEW TRANSMISSION TCU

Activity Created By:

C6581MANAGER

Part Number

Item Description

Core

Failure

Act. Qty.

There are no notes for this facility

Truck
777

Invoice #11490

Created: 04/14/2025 at 9:45AM

Invoiced: 05/20/2025 at 1:39PM

Payment Term: On Receipt

Payment Due: 05/20/2025

2016 Kenworth T [t680] (Brown)
VIN: 1NKAGGGG20R144073

01 NO CRANK

DIAGNOSE AND REPAIR AFTER SETTING WILL NOT CRANK OVER UNHOOK BATTERIES & REHOOK TRUCK WILL START.
WITH BATT HOOKED AND TRUCK OFF RELAYS WILL CHATTER THEN QUIT FOR A BIT THEN START CHATTERING AGAIN.

Description

HRS Subtotal

Labor: Removed the step and reconnected the batteries. Started the truck and pulled it into the shop. Connected the vehicle to ESA and found that the LVD was not disabled in the CECU. Programmed it to disable and put a load on the batteries. Left the lights and fans on over lunch but still was unable to drop the battery voltage beneath 12VDC. Parked the truck outside and turned on the lights so it could be checked later. Truck started at quitting time. Let set overnight and started next morning with no issues.

6

Disconnected the batteries and let it sit for 5 minutes. Reconnected the batteries, started the truck and pulled the truck into the shop. Turned the LVD back on in ESA and set the drop out voltage to 10 VDC. Parked the truck back outside and put a load on the batteries to test if the LVD is working properly.

Discharged the batteries and verified that the LVD warning is coming on and there is no issue with the cluster or starter interrupt. Put the truck on a battery charger and tested the APU. Started the truck and parked it.

Installed dash back together and started the truck and CEL is on. Connected Cat to the truck and found active J1939 Fault code. found the clutch pedal position sensor parameter set to J1939 changed it to cab controller. code gone

Labor: found dash and ecu shutting off randomly with truck sitting. tried changing low voltage parameters in ecu and it made no difference. because this problem started with the new ecu contacted kw and tried to get a correct parameter file. could not get a file because truck is a glider. installed used ecu and waited one week. problem went away. reinstalled new ecm and flashed it with an old file and waited on week. problem still not present. manually fixed all parameter issues and drove truck. everything working as it should currently.

6

Total: \$2,096.64

all leasehold improvements
brought back to original
condition. OK. Approved
5/20/2025 11:17 AM
EJ: [redacted]

[redacted]

[redacted]

Invoice #11490

Created: 04/14/2025 at 9:45AM
Invoiced: 05/20/2025 at 1:39PM
Payment Term: On Receipt
Payment Due: 05/20/2025

[redacted]

Labor	[redacted]
Parts	[redacted]
Subtotal	[redacted]
Shop Supplies	[redacted]
Tax	[redacted]
Grand Total	\$2,096.64
Paid to Date	[redacted]

REMAINING BALANCE

Signature _____

[redacted]

WORK ORDER REQUEST/AUTHORIZATION

CUSTOMER NAME _____ DATE _____ UNIT NUMBER _____
 ADDRESS _____ PHONE NUMBER _____ 777
 CITY, STATE, & ZIP _____ ICC NUMBER _____ SERIAL NUMBER _____
 YEAR, MAKE, & MODEL _____ MOTOR NUMBER _____ 144073
 LICENSE NUMBER _____

DESCRIPTION OF WORK

~~11-15-22~~
 11-15-22 - Complete Air dryer - 655821
 11-15-22 - Complete Air Compressor
 1-5-23 - Resealed Front ~~propeller~~ Gear structure on Eng - 657832
 1-5-23 - Oil Pan gasket
 1-5-23 - Transmission Shift Harness & shifter
 1-31-23 - Clutch & Rear Main seal - 657845 miles
 1-31-23 - Installed Inland Rebuilt Transmission
 4-19-23 - New Transmission TCU Brain
 5-20-25 - VECU - Brain in cab Replaced New - 680112 miles
~~10-21-25~~
 10-21-25 total ECM miles - 684749 miles