

Invoice

Date	
9/8/2021	

474,775 miles

						Due Date
						10/8/2021

Qty	Description	Price Each	Amount
1	Oil Pressure Sensor		
1	Cylinder Head		
1	Overhaul Kit		
1	Water Pump		
6	Injector		
1	EGR Cooler		
1	Fuel Pump		
12	Exhaust Manifold Bolt		
1	Loctite		
1	EGR Coolant Tube		
1	Turbo Coolant Line - Inlet		
2	Seal Washer		
1	Turbo Lube Line		
1	Turbo Lube Line Seal Ring		
1	Thermostat		
1	Thermostat O-Ring		
1	Turbo Coolant Line - Outlet		
1	Coolant Line Seal Ring		
1	Coolant Line Seal Ring		
1	Seal Ring		
1	Block Heater		
1	Block Heater Cord		
1	Gasket Maker		
8	Gal. Red Antifreeze		
6	Fuel Sleeve		
1	Oil Filter		
		Total	
		Payments/Credits	
		Balance Due	

9/8/2021

Qty		Description		Price Each	Amount	Due Date
1	Fuel Filter					10/8/2021
1	Fuel Filter					
1	Coolant Filter					
2	Air Filter					
1	Turbo Drain Line Gasket					
1	Turbo Drain Grommet					
1	Turbo Drain Line					
	Freight					
1	Coolant Overflow Tank Tubing					
1	Radiator Cap					
65	Hours Shop Labor					
Truck #365 - 2006 Kenworth W900 VIN: 1XKWD49X17J170379						
Miles: 474,775 Hours: 26,013						
Rebuilt engine using new pistons, liners, and main and rod bearings. New cylinder head and injectors. New fuel pump. New lines and tubing as needed. Replaced all filters on engine. Replaced EGR cooler. Filled fluids. Road test truck. Truck performing properly.						
Total					\$25,494.68	
Payments/Credits						
Balance Due						

Type: Road Tractor

Model Year: 2007

Make/Model: Kenworth W900

VIN: 1XKWD49X17J170379

Meter: 903780 Miles

Task: 1 101

TRANSMISSION/STANDARD R&R

Department: TruckSvc

Complaint: CHECK AND ADVISE FOR TRANSMISSION GRINDING WHEN GOING FROM HIGH TO LOW AND LOW TO HIGH RANGE. UNIT IS COVERED UNDER TRUCKMASTER WARRANTY AND ALL REPAIR MUST BE APPROVED WITH SUPPORTING DOCUMENTS. PH 888-668-4360

Cause: TRUCK WONT GO IN GEAR, INTERNAL TRANSMISSION PARTS FAILURE.

Correction: PULLED INTO SHOP. REMOVED TRANSMISSION AND SENT TO GEAR SHOP. DISASSEMBLED AND FOUND MULTIPLE GEAR AND BEARING FAILURES. ADVISED WARRNATY COMPANY AND INSTRUCTED TO INSTALL REMAN TRANSMISSION. SWAPPED SENSORS AND SWITCHES TO REMAN. INSTALLED REMAN TRANSMISSION AND REASSEMBLED ALL COMPONENTS. FILLED TRANSMISSION WITH SYNTH CD50
ROAD TESTED - NO PROBLEMS FOUND

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended
VTP	FRO16210C	REMAN TRANS ASSY	EA	1.0		
VTP	FRO16210C-C	FRO16210C CORE		1.0		
VTP	FRO16210C-C	FRO16210C CORE	EA	-1.0		
SHL	50SYN	SPIRAX S6 GME 50W SYN	QT	15.0		

Detail Tax Info:

Non-Taxable

Total Parts:
Total Core Charge:
Total Core Ret:
Total Labor:

Invoice Subtotal:
Total Tax:

Total Invoice: \$4,525.65

Due Date
5/10/2017

Serial Number	Make / Model	Year	License Number	Mileage
1XKWD49X17J170379	KWW900A	2006		922268

OPERATION 1

COMPLAINT: POWER STEERING NOT WORKING SOMETIMES. WHEN IT HAPPENS THE
CEL COMES ON

CORRECTION: REPLACE WITH NEW-STEERING LINKAGE-STEERING LINKAGE-BINDS,
STICKS

CHECKED AND VERIFIED THE P/S IS BINDING WHEN TURNING IN
EITHER DIRECTION. REMOVED THE STEERING SHAFT AND CHECKED THE
CONDITION OF THE STEERING DRIVELINE U-JOINTS. FOUND THE
U-JOINT AT THE STEERING GEAR BOX VERY LOOSE AND BINDING.
ALSO THE UPPER U-JOINT WAS LOOSE AND BINDING AT THE YOKES.
REMOVED AND REPLACED THE STEERING SHAFT THAT CAME WITH NEW
U-JOINTS, GREASED THE SHAFT AND RE-CHECKED THE OPERATION.
NO MORE BINDING OR ISSUES AT THIS TIME.

Labor Total --

916657-77SX
550027637

SHAFT-STEERING 1
LUBE GR1 CHASSIS 400 1

Parts Total --

Total Operation 1 --

OPERATION 2

8/8/2017

8/11/2017

COMPLAINT: OPEN PEREAMETERS ON ROAD SPEED AND RPM

CORRECTION: ADJUST-ELECTRONIC ENGINE CONTROLS-ELECTRONIC ENGINE
CONTROLS-NO FAILURE
HOOKED UP THE COMPUTER AND OPENED UP THE ROAD AND THE CRUISE
SPEED PARAMETERS. NOTE: THE RPM IS LIMITED TO 1800 RPM
WITHOUT AN ECM RE-CALIBRATION.

PC DIAGNOSTIC

MACHINE

PC DIAGNOSTI

1

Labor Total --

Parts Total --

Total Operation 2 --

OPERATION 3

COMPLAINT: CHECK AND ADVISE ON CEL. TPS WILL KICK OUT JAKES AND CRUISE.
VMRS CODE: 01-044-007-047-03-08

CORRECTION: REPLACE WITH NEW-THROTTLE CONTROL ASSEMBLY - ELECTRONIC-
THROTTLE CONTROLS-IMPROPER ELECTRICAL VALUE
HOOKED UP THE COMPUTER AND CHECKED THE FAULT CODES. HAD
ACTIVE FAULT 0431 FOR THE ACCELERATOR PEDAL IDLE VALIDATION.
MONITORED THE SWITCH VOLTAGE PARAMETERS IN THE MONITOR
SCREEN. ALL VOLTAGE READINGS WERE OK BUT THE FAULT CODE
BECOMES ACTIVE WHENEVER THE ACCELERATOR PEDAL IS USED.
FOUND THE IDLE VALIDATION WAS ENABLED AND SHOULD BE DISABLED
CHANGED THE PARAMETER AND FAULT WENT INACTIVE. CLEARED OUT
FAULT CODES AND TOOK TRUCK ON ROAD TEST, FAULT CAME BACK
ACTIVE DURING ROAD TEST. HOOKED UP COMPUTER WHILE FAULT
WAS ACTIVE AND MONITORED THE SETTING. WAS ABLE TO GET THE
SENSOR TO FAIL. REMOVED AND REPLACED THE THROTTLE PEDAL
ASSEMBLY, CLEARED FAULTS AND ROAD TESTED. NO FAULTS CAME
BACK. ADVISED CUSTOMER THE ABS LIGHT IS ON AND THEY ARE
AWARE OF IT.

Labor Total --

FREIGHT
72182IMP
133526W1L

INBOUND NDA

FUSE 5AMP 757

KIT-SERVICE THROTTLE C

1

1

1

Parts Total --

Total Operation 3 --

Customer Reports:

Exhaust leak Draglink - Steering U-Joints

Date

1-24-88

Make/Model

VW

Year/Color

White/Red

PARTS USED

QTY

DESCRIPTION

U-Joints

Draglink w/ nuts

cab light

1/2 light

coolant

Exhaust stud

SHOP SUPPLIES

connectors / brake clean / lube

SIGNATURE

DATE

INVOICE TOTAL \$ 2,453.00

WORK COMPLETED

serv call - move truck to shop from lot - Remove steering shaft - Drive out old U-Joints
 Install new U-Joints - Re-install steering shaft & tie rod with steering wheel -
 cut off old drag link & install new - switch over Grease Fittings -
 Part Run - RTR Right clearance light - wire in new light & charge base -
 chg 1/2 plate light - wire off brake light - Re wire to marker lights &
 RTR complete 1/2 plate light - Re wire & heat shrink connections -
 Exhaust leak at manifold 2 broken bolts - Remove Piping & Front of turbo
 Drain coolant & Remove EGR tube to get to Exhaust stud Drill out old
 manifold bolts & install new bolts - Re-torque manifold bolts - Re-Install

Please note: Personal and/or business checks are not accepted. Accepted forms of payment include: Comcheck, T-check, or a similar form of certifiable funds. Payment is due upon completion of repairs unless other arrangements were made in advance. Credit cards may be accepted with prior approval and credentials.

All Removed Parts After Drill & Extracting bolts Re-check All write ups
 V.M. - 1-24-88

Unit Number: [REDACTED]
Type: Road Tractor

Model Year: 2007
VIN: 1XKWD49X17J170379

Make/Model: Kenworth W900
Meter: 421789 Miles

Completion Date: 1/29/2018

Exhaust System

Department: TruckSvc

Complaint: REPLACE FORMED EXHAUST PIPE

Cause: FLEXPIPE LEAKING AND TURBO CLAMPS LEAKING

Correction: REMOVED LEAKING PIPE, PATCH WELDED 2 LEAKING HOLES IN FORMED PIPE. REPLACED 4" FLEXPIPE AND BOTH 4" PREFORMED CLAMPS. REPLACED TURBO CLAMP AND RAN ENGINE. NO MORE EXHAUST LEAKS

Supp. Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
GRE PF-5A	5" TORCA ALUMINIZED CLAMP	EA	1.0		
GRE PF-4A	4" TORCA ALUMINIZED CLAMP	EA	2.0		
GRE G15-424	FLEX 4"X24" GLAV	EA	1.0		
CE 2880482	CLAMP-DEF	EA	1.0		
102	SHOP SUPPLIES - SHOP		1.0		

Detail Tax Info:
Non-Taxable

Total Parts:
Total Labor:
Total Miscellaneous:

Invoice Subtotal:
Total Tax:

Total Invoice: \$440.51

Due Date
2/10/2018

2007 KW #059

Freedom Petro LLC Maintenance Tracking Sheet

Date	Mileage	Service or Repair Completed	Completed by
4/15/2017	357416	Replaced headlights	Chad Michels
5/17/2017	361479	3/4 gallo oil added to engine	Chad Michels
6/15/2017	368164	Replaced 1 Tire	Heartland
	375019	1 gal oil added	Chad Michels
6/21/2017		replaced piping tee from pump	KTTR
6/27/2017	371379	Left Rear brake chamber Replaced	KTTR
7/12/2017		Replaced Tire	Heartland
7/14/2017		New Pump off Tee	KTTR
7/28/2017		Anti freeze	JDW
8/4/2017		Recoupled 2 vapor hoses	KTTR
8/8/2017	2018	Replaced new steering linkage and linkage binds sticks	MHC
8/8/2017		Adjust electronic engine controls, opened up the road and cruise speed parameters	MHC
8/8/2017		Replace New throttle control assembly, replaced throttle pedal assembly	MHC
8/23/2017	385707	Removed and Replaced Air Dryer. Replaced Pinion seal in rear front end	KTTR
9/6/2017		Fuel filter	JDW
10/3/2017		Replace 8 drive tires	Heartland
11/1/2017		Clamp Hose	JDW
11/21/2017	412873	Transmission Reapir - Slows 4/13/18	CTE
11/30/2017		Fixed hoses	KTTR