




W. W. Williams - Phoenix
2602 South 19th Ave Phoenix, Arizona 85009-9127
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Case Number: 2840125 - Repair Order Number: 4911166
Purchase Order Number: 43564-00
Service Writer: Keck, Dan - Case Date: 02/15/18 02:36 pm MST

City Of Maricopa	Unit #: 1646			
Address: ATTN ACCOUNTS PAYABLE PO BOX 610 MARICOPA, AZ 85239 Phone: (520) 568-9098 Fax: Cust #: 789340	Asset: 2012 PIERCE VELOCITY Serial #: BA011646 VIN: 4P1CC01DXBA011646 Engine: DD13 D13E10 Engine Hours: 0	Miles: 56,982 Warranty Start: 8/22/2011 In Service: 6 Years 7 Months	 BA011646	

Complaint:

ARIZONA STATE CONTRACT ADSP015-091710. PUMP TRANSMISSION FULL OF WATER, NEEDS PACKING REPLACED, CHASSIS AIR COMPRESSOR LEAKING OIL, MAY NEED REPLACED, AND DRYER SERVICED. OIL FILTER HOUSING LEAKING, PUMP TEST

Item	Operation	Labor	Parts	Total
1	WheelTime Visual Inspection	\$0.00	\$0.00	\$0.00
2	DIAG CHASSIS AIR COMPRESSOR Complaint: FOUND LEFT SIDE AND REAR OF ENG. COVERED IN OIL STEAMED AND RAN A REGEN, OIL RETURNED AT OIL MODULE TO BLOCK, OIL T STAT HOUSING GASKET, REAR HOUSING TO BLOCK GASKET, ALL CLASS 3 LEAKS. THE HOSE COMING OFF THE TOP OF POWER STEERING PUMP IS WICKING OIL NEEDS NEW HOSE. IT RUNS FROM PUMP TO A COOLER IN FRONT OF RAD ACCESS POOR .	\$105.00	\$0.00	\$105.00
3	REMOVE HEAD AND LINERS TO INSPECT BLOCK	\$1,380.00	\$0.00	\$1,380.00
4	DIAG OIL FILTER HOUSING LEAK	\$105.00	\$0.00	\$105.00
5	REMOVE OIL/COOLANT MODULE (BLOCK FRETTEED AND ERRODED MUST REPLACE)	\$105.00	\$0.00	\$105.00

6	<p>Repair warranty long block</p> <p>Parts: (1.0) CAM FRAME, (1.0) CAM FRAME GASKET, (1.0) CHARGE AIR PRESS SENSOR SEAL RING, (1.0) EGR COOLER CONNECTING PIPE, (1.0) EGR COOLER CONNECTING PIPE, (1.0) EGR VENTURI GASKET, (1.0) EGR VENTURI PIPE HOSE, (1.0) F/FLTR KIT H2 0001 EACH 23320 US, (1.0) FRONT EGR COOLER GASKET, (1.0) FRONT EXHAUST MANIFOLD GASKET, (1.0) FUEL FILTER KIT, (1.0) FUEL PUMP MOUNT O-RING, (1.0) GASKET FOR OUTLET PIPE ON COOLANT COLLECTOR, (1.0) HC DOSER GASKET, (1.0) HEAD GASKET, (1.0) HIGH PRESSURE SEALING FLANGE, (1.0) HOSE FOR COOLANT PIPE AT OCM, (1.0) HP FUEL LINE KIT, (1.0) INTAKE MIXER O-RING, (1.0) L/BLK DD13 ENGINE H7 0001 EACH 1001 US, (1.0) LARGE AIR COMP MOUNT O-RING, (1.0) LOW PRESSURE PUMP SEALING FLANGE, (1.0) MISC, (1.0) OCM GASKET, (1.0) OIL DIPSTICK TUBE SEAL, (1.0) OIL FILL NECK O-RING, (1.0) OIL FILTER KIT H2 0006, (1.0) OIL FILTER KIT H2 0006, (1.0) OIL PAN GASKET, (1.0) OIL PRESS SENSOR SEAL, (1.0) OIL PUMP TO BLOCK O-RING, (1.0) OIL TEMP SENSOR SEAL RING, (1.0) P/S PUMP GASKET, (1.0) QCV GASKET, (1.0) REAR EGR COOLER GASKET, (1.0) REAR EXHAUST MANIFOLD GASKET, (1.0) RTV 85GRAM SC 0001 EACH 128255 US, (1.0) SEAL H2 0001, (1.0) SEAL H2 0001 EACH 0 US, (1.0) SEAL H2 0001 EACH 0 US, (1.0) SEAL H2 0001 EACH 0 US, (1.0) SEAL H2 0001 EACH 47030 US, (1.0) SMALL AIR COMP MOUNT O-RING, (1.0) THERMOSTAT, (1.0) THERMOSTAT COVER GASKET, (1.0) TURBO DRAIN GASKET, (1.0) TURBO DRAIN TO BLOCK O-RING, (1.0) TURBO FLANGED ELBOW GASKET, (1.0) TURBO MOUNT GASKET, (1.0) V/C GASKET, (1.0) WATER PUMP H3 0001 EACH 0 US, (11.0) DDC GENUINE SAE 15W40 B 0001 EACH, (12.0) BIHEX BOLT H2 0001 EACH 0 US, (12.0) Power Cool Plus ELC OAT KA 128260 0216, (2.0) CLAMP SEALS, (2.0) CLAMPS FOR COOLANT HOSE AT OCM, (2.0) CRANK POSITIN SENSOR SEAL RING, (2.0) EGR HOT PIPE CLAMPS, (2.0) EXHAUST MANIFOLD CONNECTOR CLAMPS, (2.0) FUEL RAIL SEALING WASHERS, (2.0) INTAKE THROTTLE VALVE SEALS, (2.0) OIL PUMP INTAKE PIPE O-RINGS, (2.0) OIL PUMP PRESSURE PIPE O-RINGS, (2.0) VENTURI HOSE CLAMPS, (4.0) TURBO NUTS, (4.0) TURBO STUDS, (6.0) FUEL LINE GROMMETS, (6.0) INJECTOR SEAL KITS, (6.0) INTAKE MANIFOLD GASKETS, (8.0) OIL FEED LINE SEALING WASHERS, (8.0) SEALING RINGS</p>	\$9,430.00	\$20,023.56	\$29,453.56
7	<p>SEND OUT CAC AND RADIATOR TO GET CLEAN AND TESTED</p> <p>Parts: (1.0) CLEAN AND TEST CAC, (1.0) CLEAN AND TEST RADIATOR</p>	\$1,470.00	\$750.00	\$2,220.00
8	<p>Drive Belt(s) - Replace</p> <p>Parts: (1.0) BELT, (1.0) BELT, (1.0) FLEETRANNER-MICRO V BELT 0001 EACH</p>	\$157.50	\$255.50	\$413.00

9	DIAG/SERVICE PUMP TRANSMISSION Parts: (3.0) ATF D/M -BULK. 0001 EACH Cause: WATER WICKING DOWN SHAFT	\$210.00	\$35.43	\$245.43
10	REPLACE PUMP PACKING Parts: (1.0) PACKING KIT	\$1,890.00	\$258.00	\$2,148.00
11	SERVICE AIR DRYER Parts: (1.0) COALESCING CART 0001 EACH	\$52.50	\$57.08	\$109.58
12	REPLACE POWER STEERING HOSE Parts: (10.0) C5D GATES H56908 0050 FOOT, (2.0) DUAL SEAT FEMALE JIC 37/ 1 Complaint: POWER STEERING HOSE IS WEEPING THROUGH THE JACKET.	\$315.00	\$130.70	\$445.70
13	PUMP TEST Parts: (1.0) ADJUST	\$315.00	\$35.00	\$350.00
14	Post Repair Inspection	\$0.00	\$0.00	\$0.00

Notes: [2/20/2018 at 09:30 am MST] - Approval Requested for the estimate version 1, total \$9,380.22. [View the estimate](#). NOTE: WATER CONTAMINATION IN PUMP TRANSMISSION IS MINIMAL, SO A SERVICE SHOULD CORRECT THAT. THE PACKING IS LEAKING, SOME ADJUSTMENT LEFT, BUT WOULD BE EASIER TO REPLACE BEFORE IT GETS TOO HARD. SEVERAL OIL LEAKS, THE HARDEST TO CORRECT IS THE REAR HOUSING THAT WILL REQUIRE PULLING THE TRANSMISSION. PLEASE LET ME KNOW IF WE CAN PROCEED WITH THESE REPAIRS. THANK YOU,
Repair status set to Hold (auth).

Parts:	\$21,545.27
Labor:	\$15,535.00
Haz. Waste:	\$75.00
Shop:	\$200.00
Freight:	\$0.00
Tax:	\$1,876.54
Travel Charges:	\$0.00
TOTAL:	\$39,231.81

[2/28/2018 at 09:53 am MST] - Approval Requested for the estimate version 2, total \$10,760.22. [View the estimate](#). NOTE: ATTACHED IS THE REVISED ESTIMATE ADDING TIME TO PULL HEAD AND LINERS TO EVALUATE THE BLOCK.
Repair status set to Hold (auth).

[2/28/2018 at 11:55 am MST] - Thank you, we are requesting the addition to the same PO. Go ahead with the work. _____ Lonnie Inskeep Assistant Chief Resource Management Maricopa Fire Department
p: 520-494-2396 f: 520-568-1415 C: 602-291-5314
lonnie.inskeep@maricopa-az.gov [Truck Logo Framed small] 45694 West Edison Rd, Maricopa, Arizona 85139 Fire Admin. Open Monday-Thursday, 9:00 a.m.-5:00 p.m., closed Friday [Design:20160601 - City Email Signature Graphic:2016_CityEmailSignatureGraphic.png] Maricopa-AZ.gov<<http://www.maricopa-az.gov/>> | eNewsletter<<http://visitor.constantcontact.com/email.jsp?m=1101307009746&p=oi>> | Facebook<<http://www.facebook.com/pages/City-of-Maricopa-Arizona/199503180061812>> | Twitter<<http://twitter.com/#!/CityofMaricopa>> | YouTube<<http://www.youtube.com/user/myMaricopa20>> | Flickr<<https://www.flickr.com/photos/cityofmaricopa/>> | Text Alerts<<http://local.nixle.com/city/az/maricopa/>> Sent via Email Reply

[3/9/2018 at 06:56 am MST] - Approval Requested for the estimate version 3, total \$57,508.98. [View the estimate](#). NOTE: DDC DOES NOT HAVE A BLOCK OR A 3/4 ENGINE AVAILABLE. THE ONLY CHOICE IS A COMPLETE ENGINE AS QUOTED. THE ENGINE HAS A 2 YEAR WARRANTY, WE WON'T KNOW LEAD TIME UNTIL THE ORDER IS PLACED AND CONFIRMED, BUT PROBABLY 3 WEEKS AS IT IS BUILT TO ORDER. PLEASE LET ME KNOW IF WE CAN PROCEED, THANK YOU
Repair status set to Hold (auth).

[3/30/2018 at 01:33 pm MST] - Approval Requested for the estimate version 4, total \$39,231.81. [View the estimate](#). NOTE: SORRY FOR THE DELAY, BUT HERE IS THE REVISED ESTIMATE FOR THE LONG BLOCK INSTEAD OF THE REMAN ENGINE. PLEASE LET ME KNOW AS SOON AS POSSIBLE SO WE CAN GET IT ON ORDER.
Repair status set to Hold (auth).

I authorize Williams to do the above repair and/or service work, including the installation of all parts and materials to complete such work and incurring travel expense, and grant Williams and/or its agents permission to operate the above equipment or engine on streets, highways or elsewhere for testing and/or inspection. I acknowledge that Williams shall have an express mechanic's or repairman's lien on the equipment or engine to secure the amount due for the above work. I understand that failure of the manufacturer to reimburse Williams shall not alleviate me from the responsibility of the cost of such repairs. Williams shall not be responsible for loss or damage to the vehicle/equipment or to articles left with the above vehicle/ equipment in case of any fire or theft, or any cause beyond your control. In the event that the account for the above work is referred for collection, I agree to pay the account plus interest at the maximum allowable rate, reasonable attorney's fees and court costs. I authorize Williams to dispose of any parts and materials which are replaced in

connection with the above work unless otherwise expressly indicated. Vehicles and Equipment left at Williams location more than 30 days after notice of completion will be towed, and I will be responsible for the cost of towing and storage.

AUTHORIZED BY: _____ PRINT NAME: _____ DATE: __ / __ / ____

UNLESS INDICATED SALES TAX IS NOT INCLUDED. Unless indicated this estimate is good for 30 days.

LIMITED WARRANTY, WARRANTY DISCLAIMERS AND LIMITATIONS OF REMEDIES AND LIABILITIES: Seller passes through the manufacturer's warranty on any goods sold hereunder. Seller warrants to Buyer that its services shall be free from defect under normal use and service for a period of 90 days after the completion of those services. At Seller's option, its sole responsibility under the workmanship warranty is limited to the replacement of the faulty services. SELLER EXTENDS NO WARRANTY OTHER THAN THOSE ON THE FACE HEREOF. IN ADDITION THERE ARE NO OTHER EXPRESSOR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, including without limitation loss of income, time, sales, or use.