



831 E Factory Drive
St. George, UT 84790
Phone: (435) 652-8003
Fax: (435) 652-8004

Remit To:
Honnen Equipment Co. of Utah/Idaho, Inc.
5055 E. 72nd Ave.
Commerce City, CO 80022
For AR inquiries email: AR@honnen.com



JOHN DEERE

HITACHI



WIRTGEN
GROUP

Toll Free- 800-6-HONNEN (646-6636)

Invoice To Account No: 139220

Deliver To:

SERVICE INVOICE

TOQUERVILLE TOWN CORPORATION
CHESTER ADAMS
PO BOX 27
TOQUERVILLE UT 84774

TOQUERVILLE TOWN CORPORATION
212 N TOQUERVILLE BLVD
TOQUERVILLE UT 84774

Invoice No: **1204023**
Date: 09/22/2020
Location: 13
Work Order No: 222804
Payment Type: Account
Cust PO No:
Page: 1 of 5

Make/Model:

Serial Number:

Fleet No:

Meter

EQ Id:

2007 JOHN DEERE 310J

T0310JX141935

3408

141935

Code: Gen-1 Retail

SPG:

COMPLAINT:

Date received 9-29-2020

01 Trouble shoot and repair torque converter temp light. Lance 435-216-6465

GL Account _____

Details:

Approval _____

CAUSE:

Date Entered _____

CORRECTION:

Monday, August 17, 2020 - Checked the machine out. Attached pictures to modern. Called Lance and he wants a quote to wash out the radiator/coolers, replace batteries and a 2000 hour service.

Friday, August 28, 2020 - After installing the new batteries 2 active codes are there. ECU 110.04 Engine coolant temp input volts low and ECU 174.04 Fuel temp input volts low. Connected to service advisor and went to readings and it shows no volts to either sensor. Un bolted the ECU and back probed the wires to the sensors and no volts. Removed the connectors and checked ohms and all 4 wires are good with .5 ohms. Called Lance and went over the repair and let him know the ECU needs to be replaced (\$1277.75 with the core off). He authorized the replacement. Ordered the ECU. Replaced the ECU. Cleared the codes and the only code that would not clear is 1714.10 Seat in backhoe position for 8 hours. It's in stored position and doesn't seem to bother the operation. Returned the old ECU for core. Brought the machine in the shop to perform the service.

PartNumber	Description	Quantity	Net Price	Extended Price	Taxed Ind
RE532627	ENGINE CON	1.00	1,516.07	\$1,516.07	N
RE532627-CR	CORE for:Engine Controller	-1.00	200.00	-\$200.00	N

Miscellaneous Charges:

Labor: \$594.48 Parts: \$1,316.07 OL&M: \$0.00 Misc: \$0.00 Sub-Total: \$1,910.55

Code: Gen-2 Retail

SPG:

COMPLAINT:

02 2000 hour service.

CAUSE:

CORRECTION:

Wednesday, August 26, 2020 - Ordered parts for the service. * Bulk oil will be used*

Friday, August 28, 2020 - Brought the machine in the shop and took samples of the engine, hydraulic and transmission. Ordered some intake gaskets. Filled in the sample forms and turned in to parts.

Tuesday, September 1, 2020 - Removed the skid plate under the engine and drained the engine oil. Removed the air cleaner assembly etc. and removed the rocker arm cover. Changed the fuel filter, fuel tank breather filter and hydraulic reservoir breather filter. Put the machine



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up on stands to get underneath. Number 3 injector started leaking and the transmission oil cooler leaks from damage. Took pictures and sent to Lance. He authorized the repairs. Speaking with Lance it was decided to wait to change the hydraulic and transmission oil since they both look clean and Lance will see what the analysis says.

Wednesday, September 2, 2020 - Adjusted the engine valves. Cleaned the rocker arm cover and installed with a new gasket. Installed the inlet tube and air cleaner assembly. Installed a new inner and outer air filter. Changed the engine oil and filter.

Thursday, September 3, 2020 - Changed the transmission filter only. Changed the hydraulic filter only. Checked the oil in the rear axle and outer planetaries. All 3 sections looked good and clean and full (right level). Checked the front axle and outer planetaries. Center section was good and clean. Left side needed a little oil added. RIGHT FRONT OUTER PLANETARY WAS EMPTY - HAVE CUSTOMER KEEP AN EYE ON THE LEVEL. Filled the right front planetary. Smelt ok - not burnt/hot. Greased the slip yoke for the front drive line to the front axle.

Friday, September 4, 2020 - Added oil to the transmission. Hydraulic level good. Coolant level good. Installed the skid guard under the engine. Greased the machine. All pins greased except the loader bucket rod end zert. Spoke with Lance and let him know to keep an eye on the right front outer planetary oil level since it was dry. Let him know about the loader bucket pin not greasing and on the loader bucket link one of the pins is missing a washer and snap ring. Lance authorized to repair. Cleaned the groove and installed the washer and snap ring. Parked the machine.

Tuesday, September 8, 2020 - Went over the repair with Lance. Put tools away and cleaned up the bay. Return some unused parts and closed the r/o.

PartNumber	Description	Quantity	Net Price	Extended Price	Taxed Ind
24H1683	WASHER	1.00	2.43	\$2.43	N
40M7066	SNAP RING	1.00	10.99	\$10.99	N
AM107314	FUEL FILTER	1.00	2.62	\$2.62	N
AT101565	AIR FILTER	1.00	4.57	\$4.57	N
AT171854	AIR FILTER	1.00	21.21	\$21.21	N
AT184590	AIR FILTER	1.00	29.71	\$29.71	N
AT191102	AIR FILTER	1.00	13.25	\$13.25	N
AT346594	FLUID KIT	3.00	19.32	\$57.96	N
AT367840	OIL FILTER	1.00	73.35	\$73.35	N
AT466863	OIL FILTER	1.00	65.33	\$65.33	N
KV16429	AIR FILTER	1.00	36.24	\$36.24	N
P3751	FREIGHT IN	1.00	15.33	\$15.33	N
R123575	O-RING	4.00	1.88	\$7.52	N
R502513	SEAL	1.00	8.96	\$8.96	N
R524480	GASKET	1.00	23.57	\$23.57	N
R81275	GASKET	2.00	4.31	\$8.62	N
RE504836	OIL FILTER	1.00	14.83	\$14.83	N
RE509031	FILTER ELE	1.00	21.44	\$21.44	N
S3775	15-40 ENGINE OIL	15.00	4.51	\$67.65	N
S3776	Hy-GARD HYD OIL	8.00	4.02	\$32.16	N
T161036	WASHER	1.00	3.26	\$3.26	N



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Miscellaneous Charges:

Labor: \$1,777.21	Parts: \$521.00	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$2,298.21
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Code: Gen-3 Retail

SPG:

COMPLAINT:

03 Clean radiator and coolers.

CAUSE:

CORRECTION:

Wednesday, August 26, 2020 - Removed the grille. One bolt broke in the nut. Removed the a/c condenser and found the radiator half plugged with debris. Blew it all out. All 8 rubber washers were in pieces. Ordered 8 new washers. Brought the machine to the wash rack and washed out the condenser and radiator and engine compartment for the service. Cleaned off the wash rack.

Wednesday, September 2, 2020 - Replaced the 8 washers on the a/c condenser. Extracted the broken bolt from the grille and installed. Installed the battery hold downs with new bolts and installed the tool box. Mounted the new ECU.

Miscellaneous Charges:

Labor: \$337.50	Parts: \$0.00	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$337.50
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Code: Gen-4 Retail

SPG:

COMPLAINT:

04 Replace batteries.

CAUSE:

CORRECTION:

Wednesday, August 26, 2020 - Ordered the batteries. Removed the tool box. Cleaned out to access the batteries. Removed the old batteries and finished cleaning out the battery box. Installed the new batteries. Ordered 4 new bolts to hold down the batteries. Started up the machine and checked the charge circuit - 13.8 volts.

PartNumber	Description	Quantity	Net Price	Extended Price	Taxed Ind
03H2208	BOLT	4.00	6.29	\$25.16	N
T158424	WASHER	8.00	7.14	\$57.12	N
TY25879A	BATTERY, W	2.00	197.51	\$395.02	N
TY25879A-CR	CORE for:Wet Charged Battery	-2.00	27.00	-\$54.00	N

Miscellaneous Charges:

Labor: \$202.50	Parts: \$423.30	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$625.80
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Code: Gen-5 Retail

SPG:

COMPLAINT:

05 - Repair fuel leak.
Repair transmission oil cooler leak.

CAUSE:

CORRECTION:

Thursday, September 3, 2020 - Changed out the transmission cooler. New o-rings on the fittings.

Friday, September 4, 2020 - Removed the air cleaner assembly for easier access to the injector lines. Changed out #2 and #3 tees on the leak off tubes - cross threaded. Changed out the washers on the cross tubes. Operated and washed off engine area. No leaks.

PartNumber	Description	Quantity	Net Price	Extended Price	Taxed Ind
24H1683	WASHER	-1.00	2.43	-\$2.43	N
R26375	O-RING	2.00	2.86	\$5.72	N
R51936	SEALING WA	7.00	2.08	\$14.56	N
R71963	TEE FITTIN	2.00	15.21	\$30.42	N
R79604	TUBE NUT	2.00	5.09	\$10.18	N
R79605	WASHER	2.00	3.30	\$6.60	N
RE201108	Oil Cooler	1.00	386.58	\$386.58	N

Miscellaneous Charges:

Environmental/Supplies Fee

\$180.00

Labor: \$1,023.84	Parts: \$451.63	OL&M: \$0.00	Misc: \$180.00	Sub-Total: \$1,655.47
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Labor: \$3,935.53
Parts: \$2,712.00
OL&M: \$0.00
Misc: \$180.00
Sales Tax: 6.75% \$0.00
Grand Total: \$6,827.53

Tax Exempt No: 12973631-004-STC
Advisor: Scott Carter

Our certified service technicians can perform your annual OSHA inspection in our shop or in the field. Ask about it today!



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TERMS AND CONDITIONS

RETURN POLICY: All parts must be new and in resalable condition and returnable to supplier. No restocking fee on stock parts returned within 15 days of purchase. 15% restocking fee if returned after 15 days on returnable items only. 25% restocking fee if returned after 30 days on returnable items only. 25% Restocking Fee on Special Order parts returned up to 20 days RETURNABLE ITEMS ONLY. NO RETURNS AFTER 90 DAYS. No returns on electrical components.

Received by:

Date: