

RICHLAND IMPLEMENT  
 17805 HWY 13 W  
 PO BOX 1025  
 WAHPETON ND 58074-1025  
 Phone: 701-642-9266  
 Phone: 701-642-9348  
 Fax:

# ***RICHLAND IMPLEMENT***

*See us for all of your  
 Parts and service solutions*

**SERVICE ORDER: 260460 CL**

**Closed Date: 4/18/2014**

**Ship To:** 28999  
 RICHLAND IMPLEMENT  
 17805 HWY 13 WEST  
 PO BOX 1025  
 WAHPETON ND 58074-1025

**Sold To:** 2116509  
 ANDREW & LESLIE SCHILTZ  
 320 S TEDIN AVE  
 ROSHOLT SD 57260-4289

<b>Invoice #:</b>	<b>260460 - CL</b>	<b>Make:</b>	NEW HOLLAND
<b>Sold by:</b>	DAVID LANGENWALTER	<b>Model:</b>	9882
<b>Cust PO:</b>		<b>Serial #:</b>	D103370
<b>Cust Fleet#:</b>		<b>Tag:</b>	12120337
<b>Job Desc:</b>	9882 UPTIME	<b>Hours:</b>	4240.0

**Service Order Summary**

WO #			
399986	SV	UPTIME INSPECTION	\$449.00
399987	SI	UPTIME INSPECTION	No Charge
399988	SV	TRANSMISSION	\$12,790.17
414284	SV	AXLE	\$879.90
414286	SV	ENGINE	\$426.77
414290	SV	STEERING	\$584.96

<b>TOTAL INVOICE</b>		<b>\$15,130.80</b>
<b>Payment Information</b>		
ANDREW & LESLIE SCHILTZ	CHECK/3492 3362	\$15130.80
<input checked="" type="checkbox"/> _____ <b>Phone: 605-537-4256</b> <b>Cell Phone: 605-880-7558</b>		

I hereby authorize the repair work to be done as described above on the machine(s) named hereon. All repair parts are to be billed at your regular price. I agreed to pay cash for such repair parts and labor on delivery of machine(s) or on terms satisfactory to you and until paid in full any unpaid balance shall constitute a lien on this machinery.  
 I further agree that you will not be held responsible for loss or damage to said machinery from fire, theft, or other causes beyond your control.  
 A service charge will be assessed equal to the lesser of 1.5% per month or the maximum rate permitted by law on all delinquent accounts, until paid in full.

-- CUSTOMER COPY --

# RICHLAND IMPLEMENT

Sold To: ANDREW & LESLIE SCHILTZ  
SERVICE ORDER: 260460

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WO#: 399986 SV UPTIME INSPECTION

**Comments:**

Uptime 109 point inspection.  
Called Les and went over list 3/27/14 He OKed these repairs

**Labor:**

Description	Amount
Uptime Special	\$449.00

**Total Labor** \$449.00

**Parts:**

Qty	Part Number	Description	Price	Ext. Price

**Total Parts**

**Tax**

**Total WO** \$449.00

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WO#: 399987 SI UPTIME INSPECTION

Sales Promotion

**Comments:**

Free trucking. Free oil sample. Free gift.

**Labor:**

Description	Amount
Customer Labor	No Charge
IN 3/2/14 DPO 289-3283	No Charge
Uptime Special	No Charge
Trucking - Service	No Charge

**Total Labor** No Charge

**Parts:**

Qty	Part Number	Description	Price	Ext. Price
1.00	OIL SAMPLE-MIS	OIL SAMPLE	No Charge	No Charge

**Total Parts** No Charge

**Tax** No Charge

**Total WO** No Charge

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WO#: 399988 SV TRANSMISSION

**Comments:**

Transmission lever shifts harder than used to.

03/27/2014 Started removing clutch cable and found eyelet on pedal end bad, cable may be ok need eyelet, ordered.

03/31/2014 Replaced eyelet on clutch pedal end of clutch cable and adjust. Check clutch release pressure's OK

04/01/2014 Jacked up front of tractor and readjust parking brake.

Drain transmission, Started removeing side cover

04/02/2014 Finished removing side cover and try to free up low and medium shift detent, unable to. Removed strainer and sweep tranny bottom with magnet, found chipped gear pieces. Called Les and he OKed repaiing transmission.

04/07/2014 Disconnected front and rear drive shaft's. Removed seat and floor matt, removed electrical harness from transmission.

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04/08/2014 Disconnect tranny and remove. Disassemble tranny. Ordered parts.  
 04/09/2014 Cleaned prts. Disassemble shaft and install new bearing's we had on hand  
 Replaced hydraulic and tranny filter's.  
 04/10/2014 Cleaned up upper shift rail and disassemble.  
 Cleaned, polished 3, 4 shift shaft up for it was sticky and reassemble.  
 Removed out put shaft seal's  
 Heat and install bearing's on gear's  
 Replaced top and bottom countershafts, Installed snap ring's on lower shaft  
 04/11/2014 Shimed all four shaft's. Reinstall clutch and housing. Reconnect lines and install range shift fork's install  
 gear fork's and start adjusting so it is centered.  
 04/14/2014 Finished adjusting 3 4 shift fork. Locktite screws on 3 4 and 1 2 and recheck. OK.  
 Installed breather cover.  
 Installed tranny and connect. Installed floor plate and floor mat. Reassemble cab trim  
 04/15/2014 Finished cab assembly. Filled and bleed brakes. Fill tranny and run recheck level. Drive and bleed  
 brakes again. Checked for leaks. Clean up shop.

**Labor:**

Description	Amount
Customer Labor	\$3,279.40
Shop Supplies	\$174.85
<b>Total Labor</b>	<b>\$3,454.25</b>

**Parts:**

Qty	Part Number	Description	Price	Ext. Price
1.00	86012246-NHL	BALL JOINT	\$48.92	\$48.92
1.00	86032756-BUH	COUNTERSHAFT ASS	\$4,018.67	\$4,018.67
1.00	86032399-BUH	KIT	\$2,819.72	\$2,819.72
5.00	86050345-NHL	RING, SNAP	\$43.00	\$215.00
1.00	86017340-NHL	BEARING, ROLLER, TAP	\$110.00	\$110.00
1.00	86001299-NHL	O-RING	\$6.44	\$6.44
2.00	317549R91-NHL	SEAL	\$22.00	\$44.00
1.00	86001318-NHL	O-RING	\$4.20	\$4.20
1.00	427649A1-NHL	TAPERED BEARING	\$117.00	\$117.00
1.00	317549R91-NHL	SEAL	\$22.00	\$22.00
2.00	86509784-NHL	BEARING ASSY	\$93.50	\$187.00
1.00	86001337-NHL	O-RING	\$5.45	\$5.45
1.00	86001318-NHL	O-RING	\$4.20	\$4.20
1.00	86509784-NHL	BEARING ASSY	\$93.50	\$93.50
1.00	86001299-NHL	O-RING	\$6.44	\$6.44
1.00	86500890-NHL	BEARING, ROLLER	\$179.00	\$179.00
1.00	428074A1-NHL	TAPERED BEARING	\$178.00	\$178.00
1.00	86001299-NHL	O-RING	\$6.44	\$6.44
1.00	86977781-NHL	O-RING	\$2.65	\$2.65
1.00	86011721-NHL	O-RING	\$5.00	\$5.00
1.00	86001338-NHL	O-RING	\$12.25	\$12.25
1.00	86001316-NHL	SEALING RING COLLAR	\$47.25	\$47.25
2.00	08880-MIS	3M BRAKE CLEAN	\$3.95	\$7.90
1.00	86017341-NHL	BEARING ASSY	\$135.00	\$135.00
1.00	86021184-NHL	HUB	\$609.00	\$609.00
1.00	86011721-NHL	O-RING	\$5.00	\$5.00
1.00	FREIGHT	OVERNIGHT	\$35.10	\$35.10
2.00	B505499-NHL	FLUID	\$4.45	\$8.90
2.00	9706161-NHL	FILTER, HYDR	\$92.00	\$184.00
2.00	08880-MIS	3M BRAKE CLEAN	\$3.95	\$7.90
14.00	9624452BULK-NHL	HYD OIL	\$14.91	\$208.74
<b>Total Parts</b>				<b>\$9,334.67</b>
			<b>Tax</b>	<b>\$1.25</b>
			<b>Total WO</b>	<b>\$12,790.17</b>

WO#: 414284 SV AXLE

# RICHLAND IMPLEMENT

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**Comments:**  
CHANGE DIFFERANTIAL AND FINAL DRIVE OILS

03/31/2014 Disconnect driveshaft, set front tire's and drain front axle and final's  
04/01/2014 Set front axle and final's up for filling. Set and drain rear axle and final's. Refill front axle and final's  
Set up rear axle for filling and fill rear axle and final's with 85w-140. reconnect drive shaft

**Labor:**

Description	Amount
Customer Labor	\$379.05
<b>Total Labor</b>	<b>\$379.05</b>

**Parts:**

Qty	Part Number	Description	Price	Ext. Price
27.00	87027136BULK-NHL	85W140	\$18.55	\$500.85
<b>Total Parts</b>				<b>\$500.85</b>
			<b>Tax</b>	<b>\$0.00</b>
			<b>Total WO</b>	<b>\$879.90</b>

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WO#: 414286 SV ENGINE

**Comments:**  
SET VALVE AND INJECTORS

03/31/2014 Cleaned around rocker cover's and remove. Adjust valves and injector's. Cleaned cover's and reinstall with new gasket's and torque to spec.  
Removed engine oil pressure relief plug. Replaced o-ring's and reassemble.  
Replaced horn

**Labor:**

Description	Amount
Customer Labor	\$334.40
<b>Total Labor</b>	<b>\$334.40</b>

**Parts:**

Qty	Part Number	Description	Price	Ext. Price
3.00	3066311-CUM	GASKET ROCKER LEVER COVER	\$21.44	\$64.32
2.00	145504-CUM	SEAL O RING	\$1.15	\$2.30
1.00	9821300-NHL	HORN	\$25.75	\$25.75
<b>Total Parts</b>				<b>\$92.37</b>
			<b>Tax</b>	<b>\$0.00</b>
			<b>Total WO</b>	<b>\$426.77</b>

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WO#: 414290 SV STEERING

**Comments:**  
STEERING CYLINDER BUSHNGS LOOSE

03/31/2014 Remove left hand steering cly. Removed bushing's and install new. Clean up cly mount and reinstall with new seal's and spacer's. Removed right hand steering cly. Replaced bushing's. Cleaned mount's and reinstall cly with new seal's and spacer's

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## Labor:

Description	Amount
Customer Labor	\$294.50
<b>Total Labor</b>	<b>\$294.50</b>

## Parts:

Qty	Part Number	Description	Price	Ext. Price
4.00	86002392-NHL	BEARING, BALL	\$41.38	\$165.52
8.00	9704349-NHL	SEAL	\$4.75	\$38.00
4.00	9705720-NHL	SPACER	\$20.75	\$83.00
1.00	106543-NHL	SCREW	\$3.94	\$3.94
		<b>Total Parts</b>		<b>\$290.46</b>
		<b>Tax</b>		<b>\$0.00</b>
		<b>Total WO</b>		<b>\$584.96</b>