



007-2
P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date	Time	Page
10/25/24	14:31:02 (O)	01
Account No.	Phone No.	Invoice No.
STOUT001	4033317019	W13670
Ship Via	Purchase Order	
		Salesperson
		400

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			

SEGMENT# 1 C 00411 NA 08/29/24 09/02/24

DOES NOT MOVE IN FORWARD

CORRECTION:

- cut planetary hub off with zip disc
- removed ring gear drive gear
- jacked axle up and set on stands
- removed wheel with flange and bearings
- found front bearing failed
- found rear bearing fell out in chunks
- unbolted flange from rim
- removed tie rod and found it was loose
- found steer knuckle machine surface is very much chewed out
- removed steer knuckle
- found planetary input seal was melted out
- found axle stub shaft has deep grooves in it
- checked LH rear hub and found very little oil in the hub and traces of input seal leaking
- put goute together of RH rear damages
- looked into machine dont drive issue and fuses blowing
- checked for the fuse that was blown, found 2 fuses blown both for transmission
- installed new fuses and found the fuse blows as soon as key is turned on
- looked up schematic, had to remove fuse panel cover to check wire numbers to better locate
- found the one fuse is connected to LH column forward reverse and transmission speed sensor
- found the other fuse is connected to four wheel drive

CONTINUED ON PAGE 02

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date 10/25/24	Time 14:31:02 (O)	Page 02
Account No. STOUT001	Phone No. 4033317019	Invoice No. W13670
Ship Via		Purchase Order
		Salesperson 400

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			

switch

- both fuses are supplied by the same wire
- checked speed sensor wires and found wires were worn through due to hanging over steel hydraulic line
- cut wires and repaired
- found can terminator wires were also worn through, repaired wires
- ziptied harnesses neatly and out of chafing areas
- installed correct amperage fuses and tested, fuse did not blow and only drawing 2- 3 amps
- reassembled fuse panel and other covers
- will have to verify repair more once unit is drivable
- was told to remove LH rear knuckle to assess shaft damage
- noticed rear axle mount trunnions were worn and lots of slop
- removed LH rear hub
- axle mount pins worn badly
- found both front and rear trunnions are oblonged
- was told to remove rear axle for further diag on trunnion wear
- removed all harnesses and hydraulic lines
- supported the frame
- unbolted rear axle and assessed
- cleaned up all tools and work space
- after general walk around of unit items that were noticed that need attention
- all 4 knuckle pins have play, shims need to be removed from top knuckles to tighten up
- remaining three planetary input seals are leaking and oil levels are all low, remove hubs and replace seals

CONTINUED ON PAGE 03

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date	Time	Page
10/25/24	14:31:02 (O)	03
Account No.	Phone No.	Invoice No.
STOUT001	4033317019	W13670
Ship Via	Purchase Order	
		Salesperson
		400

Invoice To: [REDACTED]
[REDACTED]
C [REDACTED]

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589		
	550-80 AG+				

- all axle stubs are most lightly grooved and need machining or replacing
- hydraulic leak comping from around pump area, clean and asses further
- transmission four wheel drive output seal leaking, replace output seal and top up level
- front axle input seal leaking, replace input seal
- front axle front seal cap leaking. replace seal cap and top up level
- rear drive shaft ujoint has lots of play, replace u joint
- gouted all work required

REPAIR THE FOLLOWING AS PER CUSTOMER APPROVAL

- replaced LH rear unput bushing and seal
- replaced LH rear axle ujoint and installed resurfaced stub
- installed planetary and steer knuckle
- removed 2 shims from upper knuckle pin to tighten up knuckle
- torqued knuckle bolts to spec
- greased knuckle
- clamped new tie rod and torqued to spec
- assembled RH planetary and flange assembly with all new bearings and seals
- torqued ring gear nuts to spec for proper bearing preload
- removed old axle shaft and removed bearing housing
- replaced seal and reassembled bearing on new shaft
- slid new axle shaft into housing and clamped in place
- pressed out wheel studs from old flange and pressed into new flange
- noticed 2 knuckle dust seals were cracked and broken, got 2 new ones order

CONTINUED ON PAGE 04

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date	Time	Page
10/25/24	14:31:02 (O)	04
Account No.	Phone No.	Invoice No.
STOUT001	4033317019	W13670
Ship Via	Purchase Order	
		Salesperson
		400

Invoice To: ~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXX~~
~~COALDALE AB T1H 4H4~~

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			

- installed new dust seals and removed 2 knuckle pin shims to tighten up knuckle
- torqued knuckle bolts to spec and greased
- installed tie rod in knuckle and torqued nut to spec
- drained all old oil out of axle and filled up with new oil
- filled up both rear planetaries
- topped up both front planetaries and front axle
- total HP JCB 90 gear oil used, 30 liters
- greased and installed front and rear drive shafts
- torqued Ujoint clamps to spec
- mounted both rear wheels and torqued to spec
- hydraulic oil low, topped up with 15 liters of TDH
- found it would not go into forward but would go into reverse
- checked all fuses and relays, good
- checked transmission oil level, good
- revved up and all of a sudden unit when in forward
- pulled out of the shop and tested all gears, all gears working
- while test running, hydraulic line on counter balance valve blew out
- removed line and got new one made
- installed new line
- found oil temperature light was illuminated on the dash
- checked power and ground to sensor, good
- light would flicker on and off when driving
- checked all harnesses, all looked good
- topped up hydraulic oil after hydraulic line blew out, 15 liters TDH added
- after sitting for some time, unit would not go into drive

CONTINUED ON PAGE 05

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date	Time	Page
10/25/24	14:31:02 (O)	05
Account No.	Phone No.	Invoice No.
STOUT001	4033317019	W13670
Ship Via	Purchase Order	
		Salesperson
		400

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589		
	550-80 AG+				

again

- after revving up it would
- drove around the yard some more
- shut off over lunch and tested again 45 mins later
- now unit goes into drive right away
- determined to clean all oil residue and park over the weekend
- will test run after weekend
- test drove in the morning, unit shifted into drive and reverse no hesitation
- hydraulic oil temp light flickers indicating sensor failure or wiring failure
- will notify customer
- complete
- customer approved further diag on hyd. temp light on
- looked up documents
- located sensor, backprobed sensor and found sensor is reading 5 volts
- removed wire loom and found wires were damaged slightly showing bare wire
- repaired and reconnected, light still on and flickering
- found with sensor unplugged light still flickers on and off
- removed wire loom further back and could not find any damage
- located connector further down and found no damage
- removed loom back from connector and could not find any damage
- at this point customer did not want any further looking into

CONTINUED ON PAGE 06

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date	Time	Page
10/25/24	14:31:02 (O)	06
Account No.	Phone No.	Invoice No.
STOUT001	4033317019	W13670
Ship Via		Purchase Order
		Salesperson
		400

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

SERVICE INVOICE

STK#/FLEET# HRS PIN/EIN WARRANTY DATE HRS
000462 550-80 AGRI PLUS 6073 JCB5AWRHC02145589
 550-80 AG+

- reinstalled all loom and ziptied harness's back in place
- parked in back row
- complete

ADDITIONAL DESCRIPTION:

Does not drive in 1 OR 3
Shorted wire.

- Rebuild and seal right rear planetary
- replace complete knuckle, shaft, hub and planetary
- reseal LHS rear axle input seal (send yoke away for machining)

EXTRA DIAG FOR HYDRAIC TEMP LIGHT APPROVED *

Sublet charge for re-chrome axle stub \$450

EHC2	ENVIRO	57	.12	6.84
OIL IN CONTAINER PER LITRE				
001.05.1119	o-ring	1 N	8.70	8.70
005.10.1427	Bearing kit	2 N	588.30	1176.60
006.22.4177	nut	8 N	6.00	48.00
10304171	double joint	1 N	1966.17	1966.17
112.01.610.01	plug	1 N	7.77	7.77
113.06.007.01	security sheet	1 N	105.46	105.46
113.06.708.03	Ring gear supp	1 N	1852.64	1852.64
123.06.016.03	Seal	1 N	73.07	73.07
176.06.065.03	stud	8 N	19.61	156.88
212.06.710.23	plt gear carrie	1 N	2396.56	2396.56
213.06.004.01	Wheel hub	1 N	1298.64	1298.64
213.06.015.01	oil seal	1 N	49.06	49.06
223.06.720.01	steering case	1 N	4031.21	4031.21
4000/2205	G. OIL HP PLUS	1	241.92	241.92

CONTINUED ON PAGE 07

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month
(18% per annum) may be applied to overdue
accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!!!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

NOBLEFORD		
Date 10/25/24	Time 14:31:02 (O)	Page 07
Account No. STOUT001	Phone No. 4033317019	Invoice No. W13670
Ship Via		Purchase Order
		Salesperson 400

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			
4000/3905	Gear oil LS	1 O	311.25	311.25
729.06.009.01	Seal	1 N	33.26	33.26
		PARTS		13764.03
		LABOR		4977.28
10300001		SEGMENT TOTAL==>		18741.31

SEGMENT# 2 C 00411 NA 09/16/24 09/16/24

Rear axle pivot worn

CORRECTION:

- painted new tie rods and planetary cap
- removed old trunnion bushings and cleaned housings
- installed new bushings and greased on axle
- mounted axle in place and torqued to spec
- connected all hydraulic lines and electrical plugs and ziptied in place
- removed old tie rods, had to heat up rod to remove
- cleaned threads on steer cylinder and installed new tie rods
- measured old tie rods and set new ones to the same and locked in place
- segment complete

ADDITIONAL DESCRIPTION:

- replace tie rods as they have lots of play
- replace axle pivot bushings
- axle pivot is somewhat worn, run it with new bushings
-
- Customer declines
- Getting the center diff machined
- Center diff section 223.01.008.01 \$3300

CONTINUED ON PAGE 08

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

GST# 80800 1796 RC 0001

X

Received By

Date

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!****



P.O. Box 780 • 232028 Hwy 519 West
Nobleford, AB T0L 1S0
Phone (403) 824-3020 Fax (403) 824-3074
Email: sales@nobleequipment.ca
www.nobleequipment.ca

Ship To: IN STORE PICKUP

Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

NOBLEFORD		
Date 10/25/24	Time 14:31:02 (O)	Page 08
Account No. STOUT001	Phone No. 4033317019	Invoice No. W13670
Ship Via		Purchase Order
		Salesperson 400

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			
001.05.1389	O-RING	1 N	1.87	1.87
213.06.015.01	oil seal	1 N	49.06	49.06
213.24.621.24	tie rod	2 N	1039.35	2078.70
276.25.003.01	thrust bushing	2 N	688.97	1377.94
290.06.020.03	BUSHING	1 N	93.93	93.93
			PARTS	3601.50
			LABOR	1232.00
10300001			SEGMENT TOTAL==>	4833.50

SEGMENT# 3 C TECH NA 09/16/24
Labor to disassemble and quote further repairs
Customer declines all
--

The following would need to be disassembled to quote accurately:

- remaining two planetary input seals (front axle) are leaking and oil levels are all low, disassemble to assess shaft condition
- kingpin play in front axles also loose, remove shim when apart anyway, and set properly
- hydraulic leak coming from pump area, dripping onto the floor-clean, run and diag
- transmission 4wd output shaft leaking
- front axle input seal leaking, disassemble and assess
- front axle front seal cap leaking
- rear driveshaft u-joint has play, replace u-joints

SEGMENT# 4 C TECH NA 09/16/24 09/16/24
Potential Extra 10%-parts only

CONTINUED ON PAGE 09

TERMS: NET 30 DAYS

A service charge at a rate of 1 1/2% per month (18% per annum) may be applied to overdue accounts.

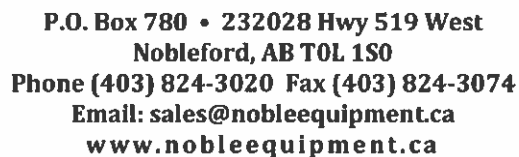
X

Received By

Date

GST# 80800 1796 RC 0001

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!****



Invoice To: [REDACTED]
[REDACTED]
[REDACTED]

NOBLEFORD		
Date 10/25/24	Time 14:31:02 (O)	Page 09
Account No. STOUT001	Phone No. 4033317019	Invoice No. W13670
Ship Via	Purchase Order	
	Salesperson 400	

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
000462	550-80 AGRI PLUS	6073	JCB5AWRHC02145589	
	550-80 AG+			
BN300-04	1/4" EXTENDED S	3	4.90	14.70
E04-04FBSPP	1/4" FEMALE BSP	1	5.94	5.94
E04-04FBSPP90	1/4" BSP 90 DEG	1	14.52	14.52
FRT	FREIGHT CHARGE	1	65.00	65.00
213.06.006.03	Dust excluder	2 N	21.40	42.80
276.06.450.02	u-joint	1 N	450.00	450.00
			PARTS	592.96
10300001			SEGMENT TOTAL==>	592.96

***** WORK ORDER TOTALS *****	
PARTS	17958.49
LABOR	6209.28
SHOP SUPPLIES	300.00
SUBLET	450.00
SUB TOTAL==>	24917.77
GST TAX	1245.88
ACCOUNT RECEIVABLE	26163.65

****THANK YOU FOR YOUR BUSINESS- HAVE A NICE DAY!!****



Disclaimer

The information contained in this folder has been provided by the consignor and had not been certified by Ritchie Bros. Auctioneers

Ritchie Bros. Auctioneers in no way certifies the completeness or accuracy of this information

Please inspect the equipment. It is “sold as is” no warranties made or implied

Brennan LeBlanc
Divisional Operations Manager
Western Canada Agriculture