



ROCKY MOUNTAIN EQUIPMENT

Rocky Mountain Equipment LP o/a Rocky Mountain Equipment

UNITY
Box 1600, SK-14
Unity, SK S0K 4L0
Tel: (306) 228-2686
Fax: (306) 228-4511
Toll Free: 1-855-763-1427

INVOICE

Ship to:
Invoice to:

CS-SCHOELER

SCHOELER ENTERPRISES LTD
BOX 1472
BIGGER SK S0K 0M0

Branch		
UNITY		*REPRINT*
Date	Time	Page
05/27/24	22:11:47 (B)	01
Account No.	Phone No.	Reference No.
SCHOE009		W01048
Ship Via	Purchase Order	
	G.S.T. No.	
	79759 4660 RT0001	
Credit Card No.	Salesperson	
	P12	

Description of Work and Parts

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS	Fold ---
177652	NH 8770 TRACTOR	X D403379			
	8770	8878			

** Need a quick update on your Parts, Service or Sales Status?
Text messaging is now available with RME!
Please text your local branch main phone number.

**

SEGMENT# 1 C 05687 NA 03/15/24 03/15/24
REPAIR ROUGH SHIFTING
-Test drive tractor, found forward gears 4,7,11 and 14 not holding and reverse gears 3,6 and 9 not holding.
-Found transmission shifts hard between 4,7,11,14 R3, R6 and R9.
-Tried performing the transmission calibration, could not get the tractor to go into calibration mode.
-Diagnose why tractor does not go into calibration mode.
-Warmed transmission oil to 57 degrees, tried to calibrate transmission, found it flashes "D" and still didn't enter calibration mode.
-Troubleshoot and diagnose transmission calibration, used previous calibration numbers.
-Tractor drives in limited gears to check the solenoids.
-Checked clutch apply pressure chart to ensure the shift solenoids are working.
-Check solenoid valve pressures from 1 to 16 it was over 240 PSI and R3 to R11 was over 240 PSI, within specification. Pressure ran is 240 psi to 275 psi
-All solenoids are working as they should, suspect problems with a clutch pack in the transmission losing pressure or the shift valve.
-Hooked pressure gauges into the valve for testing.
-Warmed transmission oil.

CONTINUED ON PAGE 02

I hereby authorize the above work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full, an express mechanic's lien is acknowledged on above machine to secure the amount of repairs thereto. It is understood that the company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sale, repair or while being tested. Estimates are for labour only, materials additional.

(signature)

(date)

I hereby acknowledge my indebtedness in the amount of \$_____ being the total amount owing or balance owing as shown hereon.

(signature)

(date)



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-Moved the gauges between port 1,2,3, port A,B,C and F1, F2 and R, checked pressure of all the clutches, found leakage going somewhere in the system.					
-Removed the right front step and unhooked the ground posts of the batteries.					
-Removed the valve from the tractor and disassembled to check, found broken springs in valve for clutch 1 and 2.					
-Ordered and replaced the springs and O-rings in all the valves.					
-Reassembled the valve and installed back onto the tractor.					
-Hooked up all the electrical back to the solenoid coils.					
-Hooked up the battery and installed the steps.					
-Ran the tractor and checked, found the transmission still not shifting and driving as it should.					
FK40A2269	SPRING	10 N	25.89	258.90	
120163	SCREW	2 N	9.52	19.04	
167266	O-RING	10 N	2.66	26.60	
86500760	GASKET	1 N	52.45	52.45	
	PARTS			356.99	
	LABOR			6089.16	
13500049	SEGMENT TOTAL==>			6446.15	

***** WORK ORDER TOTALS *****

PARTS	356.99
LABOR	6089.16
DISPOSAL FEE	121.78
SHOP SUPPLIES	450.00
SUB TOTAL==>	7017.93

CONTINUED ON PAGE 03

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	8770	8878				
				GST 797594660		350.91
				SK PST		421.10
006612				VISA		7789.94

Land Description: Sec_____ Twsp_____ R_____ M_____

I hereby certify the goods listed on this invoice will be used solely in the operation of my farm.

*

*

Date

Signature of Farmer

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