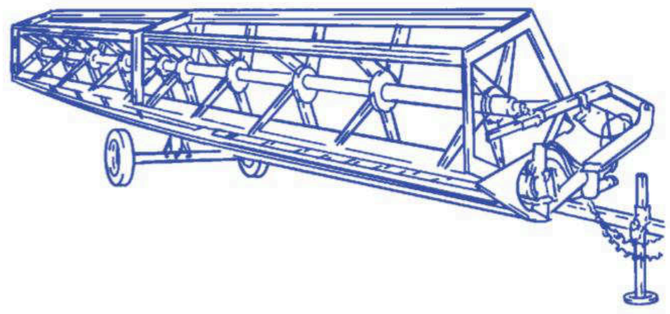


NEW HOLLAND

994
92C
94C

REPAIR MANUAL

NEW HOLLAND

SERVICE

86642406 4/02

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SECTION 00 - GENERAL INFORMATION

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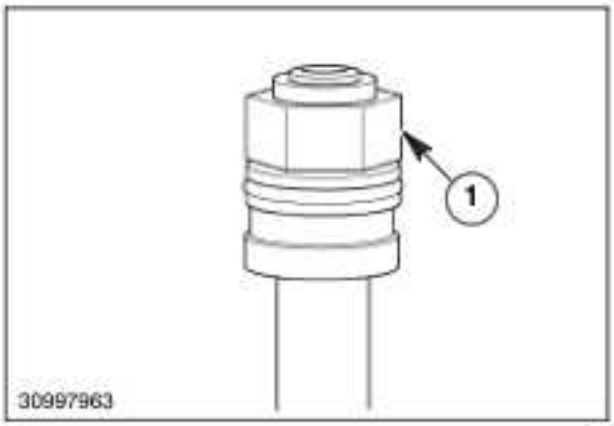
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HEADER DECKS AND CANVAS LENGTHS

MODEL AND OPTIONS	DECK LENGTH	CANVAS LENGTH
99418S 5.5 m (18) Center Mounted	LH 1473 mm (58") RH 1473 mm (58")	4064 mm (160") 4064 mm (160")
99421S 6.4 m (21') Center Mounted	LH 2134 mm (84") RH 2134 mm (84")	5029 mm (198") 5029 mm (198")
99425S 7.6 m (25') Center Mounted	LH 2438 mm (96") RH 2438 mm (96")	5994 mm (236") 5994 mm (236")
99425S 7.6 m (25') Center Mounted Double Swath Junior Deck	LH 2438 mm (96") RH 2438 mm (96") JD 432 mm (17")	5994 mm (236") 5994 mm (236") 889 mm (35")
99430S 9.1 m (30') Center Mounted	LH 2438 mm (96" & 36") RH 2438 mm (96" & 36")	7620 mm (300") 7620 mm (300")
99430S 9.1 m (30') Center Mounted Double Swath Junior Deck	LH 2438 mm (96" & 36") RH 2438 mm (96" & 36") JD 432 mm (17")	7620 mm (300") 7620 mm (300") 889 mm (35")
99436S 11 m (36') Center Mounted	LH 2794 mm & 356 mm & 1219 mm (110" & 14" & 48") RH 2794 mm & 1473 mm (110" & 58")	9500 mm(374") 9500 mm (374")

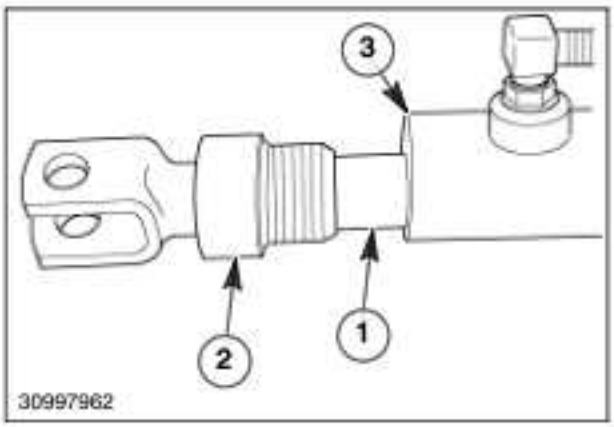
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7. Install nut, 1. Torque nut to 163 N·m (120 ft. lbs.).
8. On master cylinders, lubricate cylinder bore with clean hydraulic oil.



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9. Install piston, rod, 1, and head, 2, assembly into cylinder, 3.
10. Tighten head by hand first then final tighten with pipe wrench.

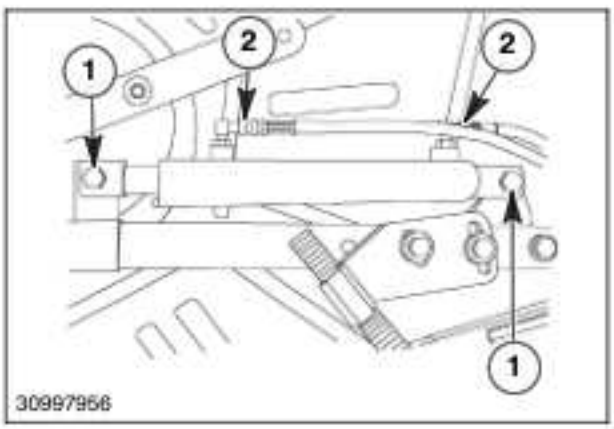


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Installation

To install a reel fore/aft hydraulic cylinder:

1. Place the cylinder in position and install the bolt and nut, 1, at each end of the cylinder.
2. Connect the two hydraulic hoses, 2.
3. Remove the reel-locking pins.



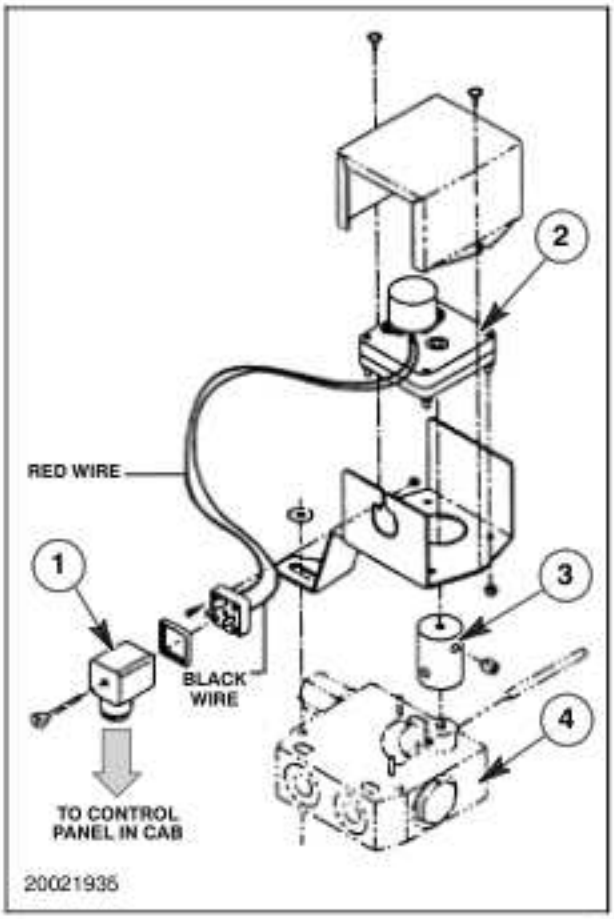
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REMOTE REEL SPEED DRIVE:

The HW300/320/340 requires the reel to be plumbed into the header hydraulic circuit. To control the speed of the reel, an electric motor is mounted to a hydraulic flow control. A switch will need to be mounted in the cab of the power unit to control the electric motor. The switch is a momentary on, double pole, double throw. When flipped one way the motor will adjust the flow control to increase the flow to the reel motor. When flipped the other way the current reverses in the switch, reversing the motor. This will decrease the flow to the reel motor slowing the reel down. The switch returns to the neutral position when released.

1. Conn. Female
2. Gear Motor 1.5 RPM 12V DC
3. Motor Adaptor
4. Flow Control Valve



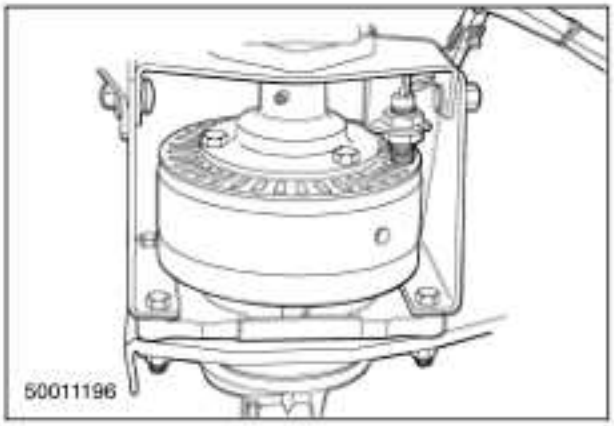
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SICKLE DRIVE SPEED SENSOR

The WES (Windrower Electronic System) monitors the sickle drive speed from the speed sensor located at the left sickle drive gearbox. As the sickle speed changes the WES will control the oil flow to the sickle drive motor to speed up or slow down the drive to maintain proper sickle speed.

SENSOR TO PULSE WHEEL ADJUSTMENT

1. The sensor should be positioned to provide a gap of 0.762 - 1.52 mm (0.30 - 0.60") between the pulse wheel and sensor.
2. The sensor should be centered on the pulse wheel slots.



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