

NEW HOLLAND

REPAIR MANUAL

474
489
492
1465

NEW HOLLAND AGRICULTURE

SERVICE

86630605 10/01

MidWestTech | New Holland 474, 489, 492, 1465 Mower Conditioner Service Manual | Publication 86630605

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SECTION 00 - GENERAL INFORMATION

Chapter 1 - General Information

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Chapter 1 - PTO

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SECTION 39 - FRAMES

Chapter 2 - Windrow Shields

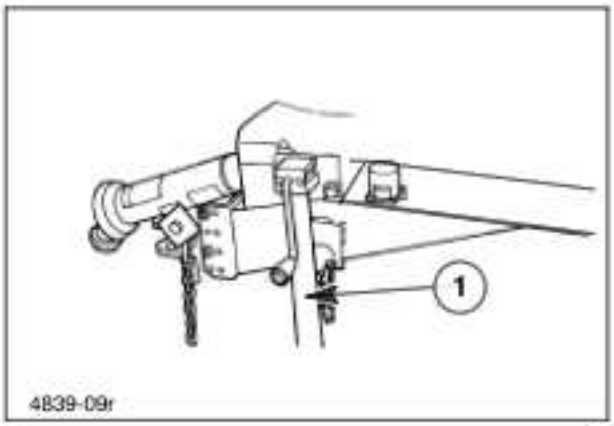
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Model 1465
Attach the jack, 1, to the tongue using the pin supplied with the jack.

All Models
Turn the jack handle to lower the jack to support the weight of the tongue. Remove the blocking from under the roll frame. Route the hydraulic hoses through the hose support and clamps.



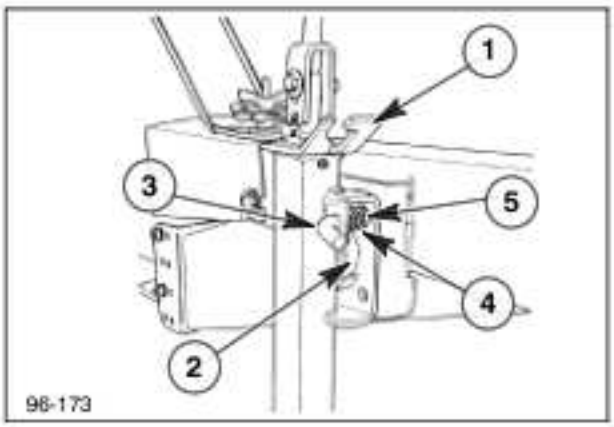
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JACK

Models 474, 489, and 492

Replacing the Jack
Remove the Drivelock pin from collar, 2, to remove the jack assembly, 1, from the tongue.

Place the new jack and collar over the bracket on the tongue. Install a 5/16" x 2-1/2" Drivelock pin to secure the collar.



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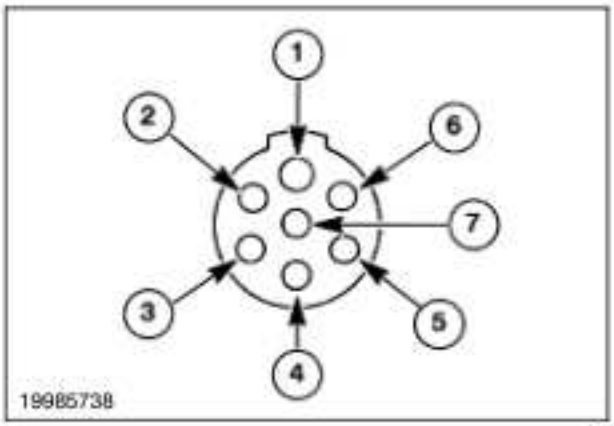
Replacing the Latch Pin
Remove the latch pin, 3, by compressing spring, 4, and driving spring pin, 5, out of the pin. Remove the pin, spring, and washer from the jack. Start the new pin, 3, through the outer bracket of the jack. Place spring, 4, and a flat washer over the pin and then place the pin through the inner bracket. Compress the spring and flat washer and install a 1/8" x 1" spring pin, 5.

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INSTALLING THE SOCKET

Use the tractor wiring diagram or, if necessary, use a test light to identify the tractor wires. Connect the wires to the socket as follows:

Pin	Connector ID	Attached To
1	White (WHT)	Ground wire, all lights
2	Black (BLK)	Not used/worklights
3	Yellow (YEL)	Left side amber light
4	Red (RED)	Brake lights
5	Green (GRN)	Right side amber light
6	Brown (BRN)	Taillights
7	Blue (BLU)	Not used/auxiliary



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NOTE: *On some tractors the wire color will not agree with this chart.*

Standard SAE J560 provides that the number 4 conductor socket of the propelling vehicle be connected to the brake light circuit so that the brake lights activate when the brake pedal is depressed.

Most newer model tractors are wired to provide the brake light signal through the number 4 pin in the connector socket. Older model tractors do not provide this capability. On these tractors, the brake lights on trailing implements will not function; however, hazard, turn, and tail lamps will function.

NOTE: *On some competitive tractors, the number 4 pin in the socket is utilized for other functions. Therefore, this circuitry may be on all the time or any time the key switch is on. This will cause the trailing implement brake lights to be on all the time.*

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DRIVE SPROCKET

Removing the Sprocket

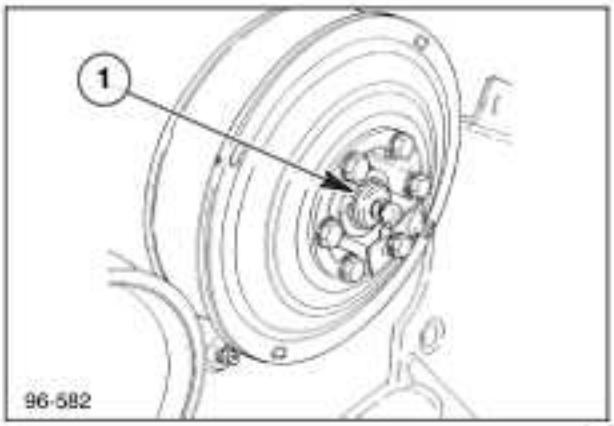
To remove the sprocket and sheave assembly:

Remove the reel drive belt.

Remove the reel drive chain.

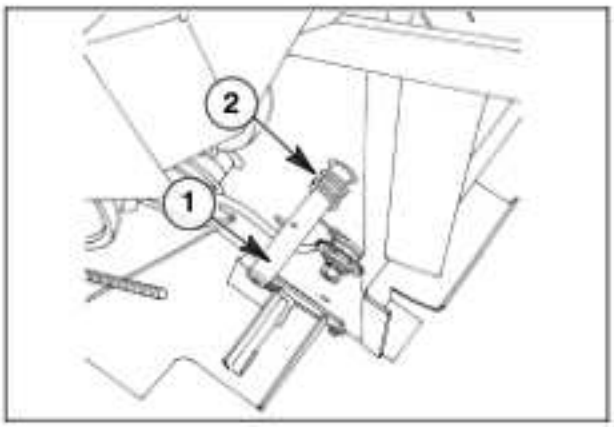
Machines with reel chain idler mounted in a slot

Remove retaining ring, 1, and any washers from the shaft.



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Slide the sheave and sprocket assembly off the shaft, 1. The washers, 2, are used to align the sprocket with the sprocket on the wobble gearbox.



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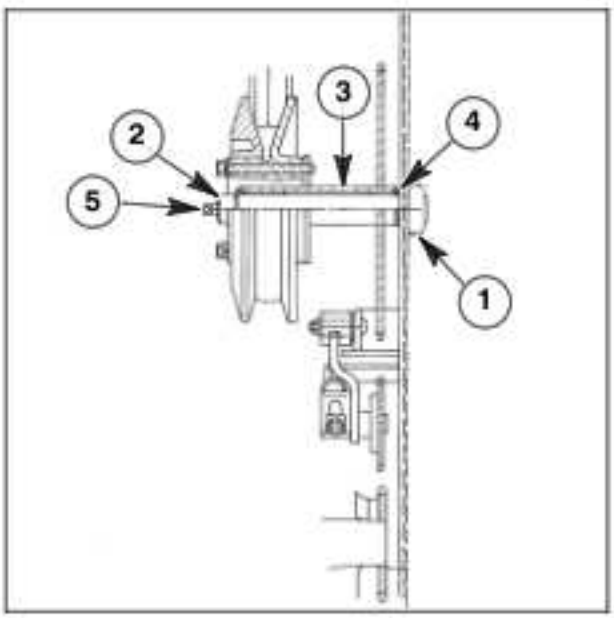
Machines with a spring-loaded reel chain idler

Remove the roll pin, 1, inside the header frame. Remove the jackshaft, 2, from the frame and the sprocket assembly, 3. Be careful to not lose the washers, 4, between the frame and sprocket. The washers are used to align the sprocket with the sprocket on the wobble gearbox.

Installing the Sprocket

Install the sprocket following the removal procedure in reverse order. Use the washers between the sprocket and frame to align the sprocket with the sprocket on the gearbox.

Be sure the grease fitting, 5, at the end of the jackshaft is facing to the rear.



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