SERVICE MANUAL

H7220 / H7320

Discbine® Mower-Conditioner

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MidWestTech | New Holland H7220, H7320 Discbine Mower Conditioner Service Manual | Publication 48068915

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SERVICE

Yoke assembly

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Power Take-Off (PTO) drive shaft

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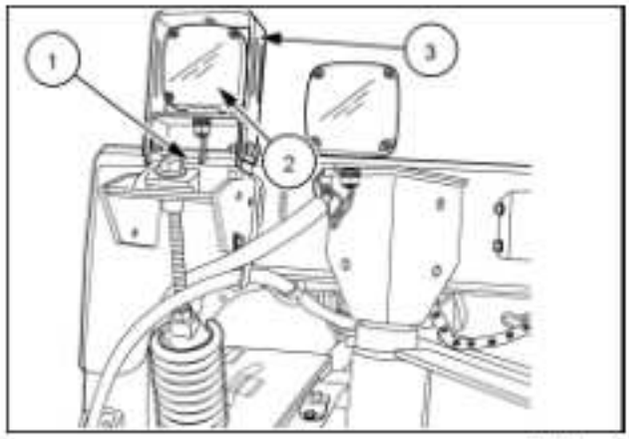
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Flail conditioner units only

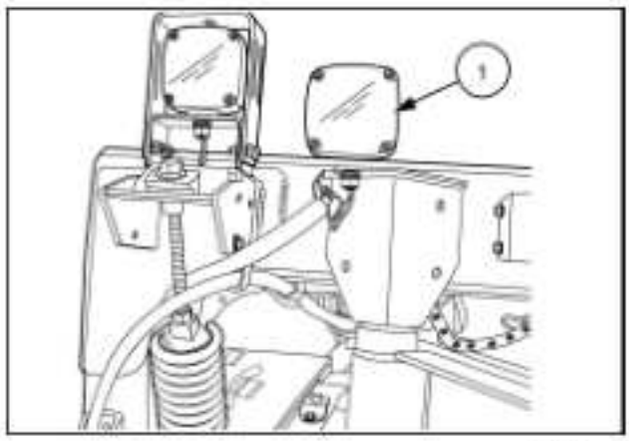
Overall Width	
Transport position	**3020 mm (9 ft 11 in)**
Field position	**4520 mm (14 ft 10 in)**
Overall Length	
Transport position	**5500 mm (18 ft 1 in)**
Field position	**5400 mm (17 ft 8 in)**
Height	
Transport position	**1730 mm (5 ft 8 in)**
Cutting position	**1350 mm (4 ft 5 in)**
Ground Clearance (transport)	**432 mm (17 in)**
Wheel Tread Width	**2300 mm (7 ft 6 in)**
Weight	
Shipping	**1814 kg (4000 lb)**
Operating	**1697 kg (3740 lb)**
Driveline	
Tractor Requirement	**49 kW (65 Hp)** Minimum with two remote circuits with minimum of **1043 kPa (150 psi)** relief pressure
Input Speed	**540 RPM** only
Drive Protection	Main drive line - slip clutch with overrunning clutch, conditioner roll drive - V-belt with spring loaded idler
Header	
Cutting Width	**2800 mm (9 ft 2 in)**
Flotation	Vertical & lateral, springs
Windrow Width	**914 - 1830 mm (36 - 72 in)**
Header Lift	Hydraulic (master-slave system)

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9. Install the grommets into the hole **(1)** on top of each flotation spring mount.
10. Route the portion of the wiring harness that contains two connectors through the grommet.
11. Install a fiber washer over the stem of the amber light **(2)** and position it in the mount.
12. Install a flat washer, the white wire ring connector, a lock washer, and a nut onto the stem, and tighten securely.
13. Plug the blue wire on the amber light into the yellow harness wire on the left-hand side of the unit, or the green wire on the right-hand side of the unit.
14. Install the protective brackets **(3)** over the amber lights and secure to the mount using four **3/8 in** x **1 in** carriage bolts and flange nuts, as shown.
15. Install a fiber washer over the stem of the red light **(1)** and position it in the mount on the trail frame above the windrow shield pivots, with the red portion of the lamp facing rearwards.
16. Install a flat washer, the white wire ring connector, a lock washer, and a nut onto the stem, and tighten securely.
17. Plug the red wire from the light into the red wire on the wiring harness, and the black wire from the light into the brown wire on the wiring harness.
18. Repeat Steps **9** through **17** for the opposite side.



3



4

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Problem	Possible Cause	Correction
Cutterbar does not turn easily by hand.	Buildup of dirt or twine under discs.	Remove disc and disc hub if necessary to clear debris.
Module oil level low.	Top cap seal failure from melted twine.	Remove twine and replace top cap seal.
	Seal failure on input shaft.	Replace seal.

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