

1.3 Cylinder stops

1.3.1 Engage the header lift cylinder stop

Procedure

1. Park the machine on a solid, level surface.
2. Put the transmission in neutral and apply the parking brake.
3. Raise the feeder house to full height.
4. Release the hook and lower the header lift cylinder stop (1) onto the cylinder rod.
5. Lower the feeder house until the header lift cylinder stop touches the end of the header lift cylinder.

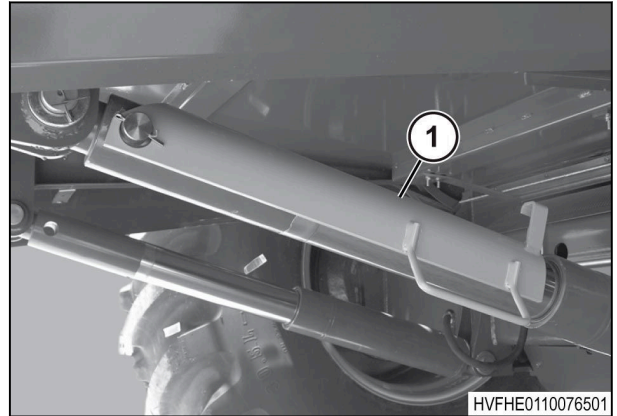


Fig. 27

1.3.2 Disengage the header lift cylinder stop

Procedure

1. Park the machine on a solid, level surface.
2. Put the transmission in neutral and apply the parking brake.
3. Raise the feeder house to full height.
4. Lift the header lift cylinder stop (1) from the cylinder rod and engage the hook.

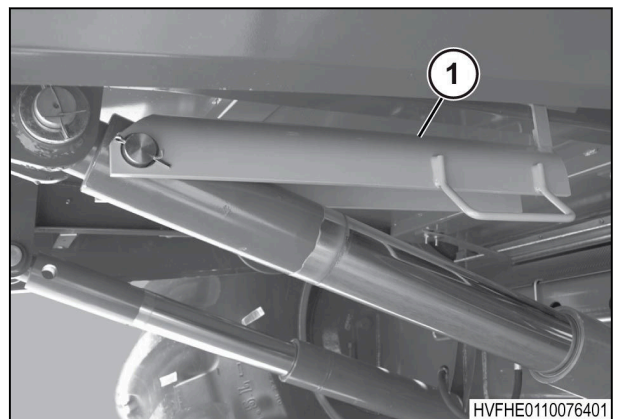


Fig. 28

1.4 Specifications

1.4.1 Dimensions and weights

Header Model	Row spacing	Weight	Width
8-row, non-chopping	762 mm (30 in)	2773 kg (6114 lb)	6448 mm (245 in)
8-row, chopping	762 mm (30 in)	3050 kg (6724 lb)	6448 mm (245 in)
12-row, non-chopping	762 mm (30 in)	3992 kg (8800 lb)	9496 mm (374 in)
12-row, chopping	762 mm (30 in)	4364 kg (9620 lb)	9496 mm (374 in)
16-row, non-chopping	762 mm (30 in)	5230 kg (11529 lb)	12544 mm (494 in)
16-row, chopping	762 mm (30 in)	5623 kg (12397 lb)	12544 mm (494 in)

1.4.2 Header speeds

Location	RPM	m/min (ft/min)
Combine input	608 to 975 RPM	
Conveyor	80 to 120 RPM	
Snapping roll	920 to 1476 RPM	
Gather chain	282 to 453 RPM	86 to 138 m/min (282 to 453 ft/min)
Chopper	1914 to 3070 RPM	

1.4.3 Lubrication specifications

Drive chain reservoirs.

Drive chain reservoirs	Number of chain cases	Lubrication	Capacity per chain case
8-row header	1	Permatran® 821 XL (or equivalent)	3.25 l (0.86 gal)
12-row header	2	Permatran® 821 XL (or equivalent)	3.25 l (0.86 gal)
16-row header	2	Permatran® 821 XL (or equivalent)	3.25 l (0.86 gal)

Row unit gearbox reservoirs.

Row unit gearboxes	Lubrication	Capacity per gearbox
Chopping gearbox, large reservoir	85w-140 gear oil	1.55 l (1.6 qt)
Chopping gearbox, small reservoir	85w-140 gear oil	0.25 l (0.5 pt)
Non-chopping gearbox, large reservoir only	85w-140 gear oil	1.55 l (1.6 qt)