# DHX182, DHX212, DHX252, DHX302, DHX362 Draper Headers

# Operator's Manual

**87368105** 5/08
Replaces 87035875

CASE IH AGRICULTURE



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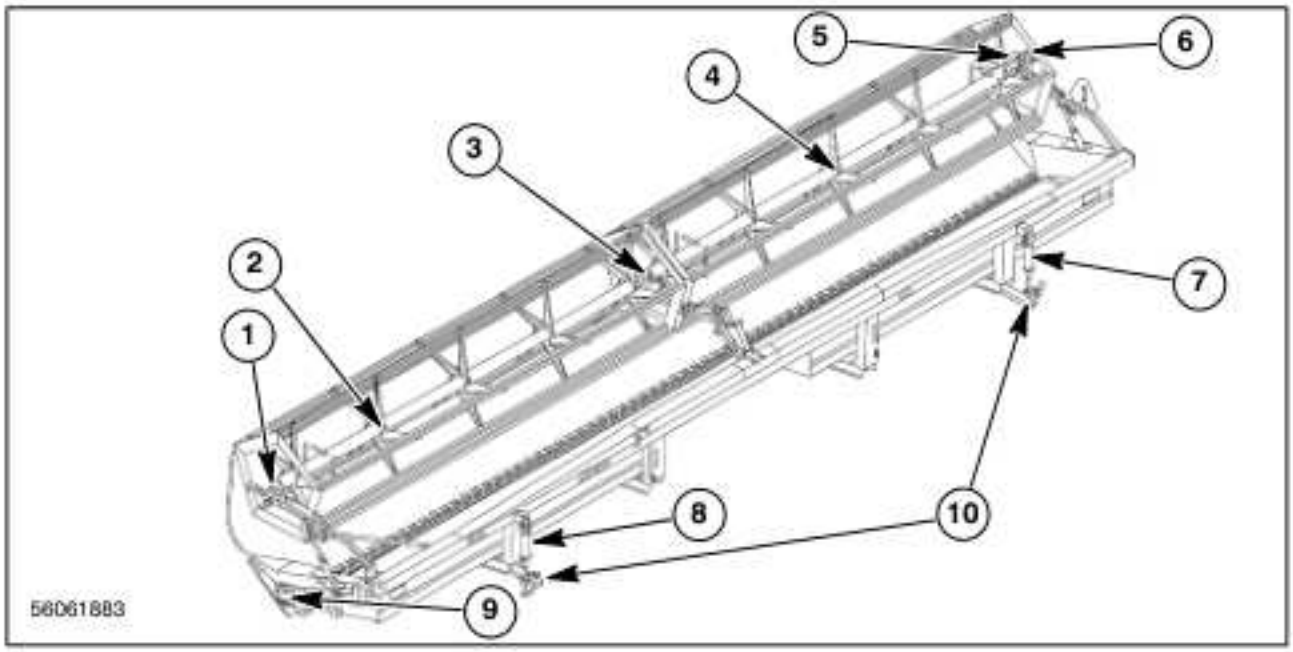
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1. Grease
2. Reel
3. Grease (split reel only)
4. Reel
5. Grease
6. Reel Drive
7. Spring Tube
8. Spring Tube
9. Knife Drive Grease (2 locations)
10. Grease Gauge Wheel



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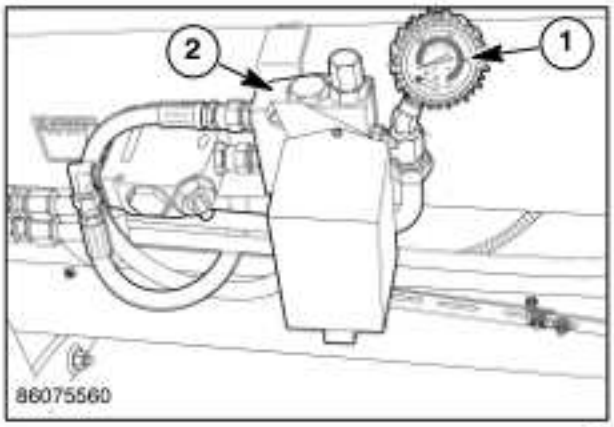
### Draper Operation and Testing

The pressure indicated on gauge, 1, located before draper flow control, 2, is the amount of force required to pump oil through draper circuit.

When flow control lever is set at zero, oil is diverted through excess flow (EF) port, then oil returns to tank. When flow control is set to maximum, oil goes through control flow (CF) port, to table hydraulics, then back to tank.

Maximum flow through single flow control is 75.8 L/m (20 gpm) for draper circuit; 75.8 L/m (20 gpm) for reel circuit. Both the draper and reel motor circuits have its own flow control to control speed. Each circuit can be adjusted without interfering with other circuit.

The entire hydraulic system uses a single pressure relief valve located in manifold block. It should be set at 207 bar (3000 psi). Individual flow controls for draper and reel circuits are both set at 151.5 bar (2200 psi). If operating pressure is over this range, oil will bypass over relief. When oil is bypassed over relief, heat is generated. If oil is allowed to overheat, damage to oil pump and motors may result. When oil bypasses relief, an audible squeal may be heard.




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***If draper pressure is high:***

If draper pressure provided to draper flow control is high, check the following:

- Draper is not binding or is tracking poorly
- Draper that is too tight can cause high pressure. Check for buildup around rollers. Check draper adjusters for proper tension adjustment. Loosen draper, start machine and engage header. If pressure drops, draper was too tight.
- Check bearings in drive and idle rollers. Replace as required.

**⚠ WARNING ⚠**

**Disengage the PTO, turn off the tractor engine and remove the key. Wait for all movement to stop before leaving the operator's position. Never adjust, lubricate, clean or unplug machine with the engine running. Failure to comply could result in death or serious injury.**

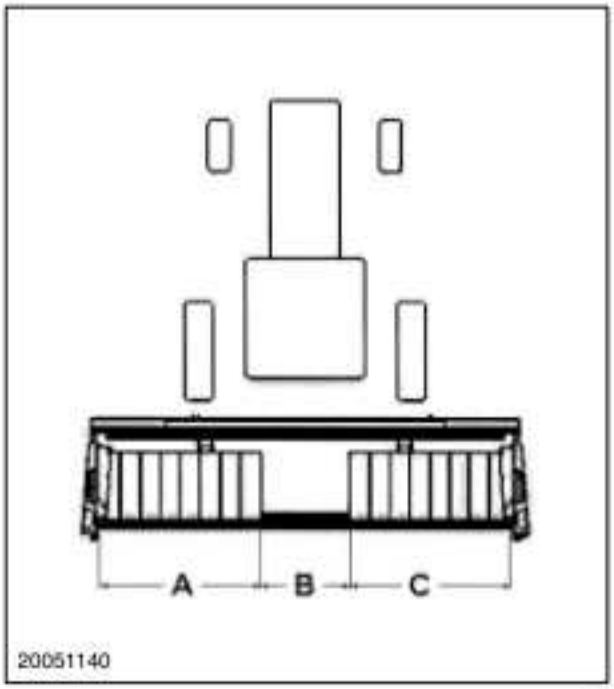


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## DHX2 SERIES SWATHER DELIVERY KITS

### Single Swath Delivery

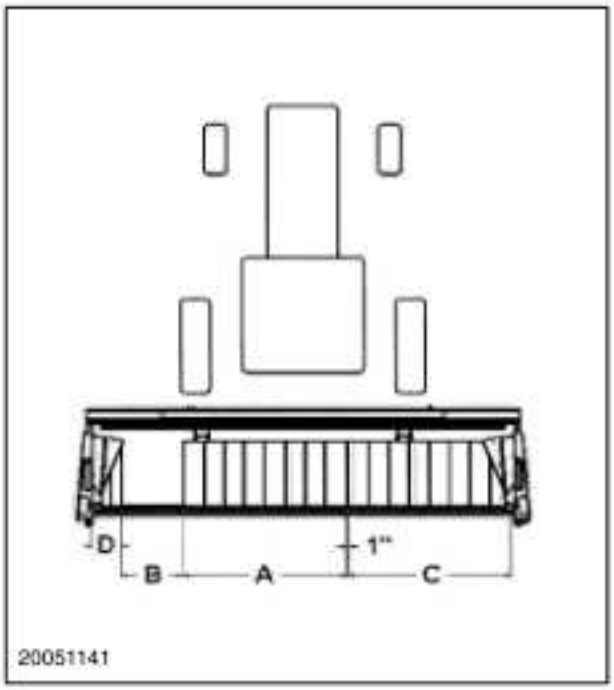
| Models | A | B | C |
|---|---|---|---|
| **DHX182** 5.5 m (18 ft) | 80 in | 50 in | 80 in |
| **DHX212** 6.4 m (21 ft) | 99 in | 50 in | 99 in |
| **DHX252** 7.6 m (25 ft) | 118 in | 56 in | 118 in |
| | 104 in* | 68 in | 118 in |
| | 104 in* | 80 in | 104 in* |
| **DHX302** 9.1 m (30 ft) | 150 in | 56 in | 150 in |
| | 136 in* | 68 in | 150 in |
| | 136 in* | 80 in | 136 in* |
| **DHX362** 11 m (36 ft) | 189 in | 56 in | 189 in |
| | 175 in* | 68 in | 189 in |
| | 175 in* | 80 in | 175 in* |




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### Double Swath Delivery

| Models | A | B | C | D |
|---|---|---|---|---|
| **DHX212** 6.4 mm (21 ft) | 99 in | 45 in | 99 in | 6 in |
| | 99 in | 50 in S | 99 in | – |
| **DHX252** 7.6 mm (25 ft) | 118 in | 54 in | 118 in | 6 in |
| | 118 in | 56 in S | 118 in | – |
| | 104 in* | 68 in C | 118 in | – |
| | 104 in* | 80 in C | 104 in* | – |
| **DHX302** 9.1 mm (30 ft) | 150 in | 50 in | 150 in | 6 in |
| | 150 in | 56 in S | 150 in | – |
| | 136 in* | 68 in C | 150 in | – |
| | 136 in* | 80 in C | 136 in* | – |




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***NOTE:*** *Dimension "D" is to edge of deflector.*

***NOTE:*** *No tables get a junior deck.*

***NOTE:*** *"C" denotes removal of junior deck.*

***NOTE:*** *"S" denotes 'shifted to center delivery.'*

***NOTE:*** *"*" denotes removal of 14 inch deck.*



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