DH182, DH212, DH252, DH302, DH362 Draper Headers

Operator's Manual

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1st Printing

CASE IH AGRICULTURE

MidWestTech | Case DH182, DH212, DH252, DH302, DH362 Draper Header Operator's Manual | Publication 84157382

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CONTENTS

SAFETY 0-5

GENERAL INFORMATION 1-1

OPERATION 2-1

LUBRICATION 3-1

MAINTENANCE 4-1

TROUBLESHOOTING 5-1

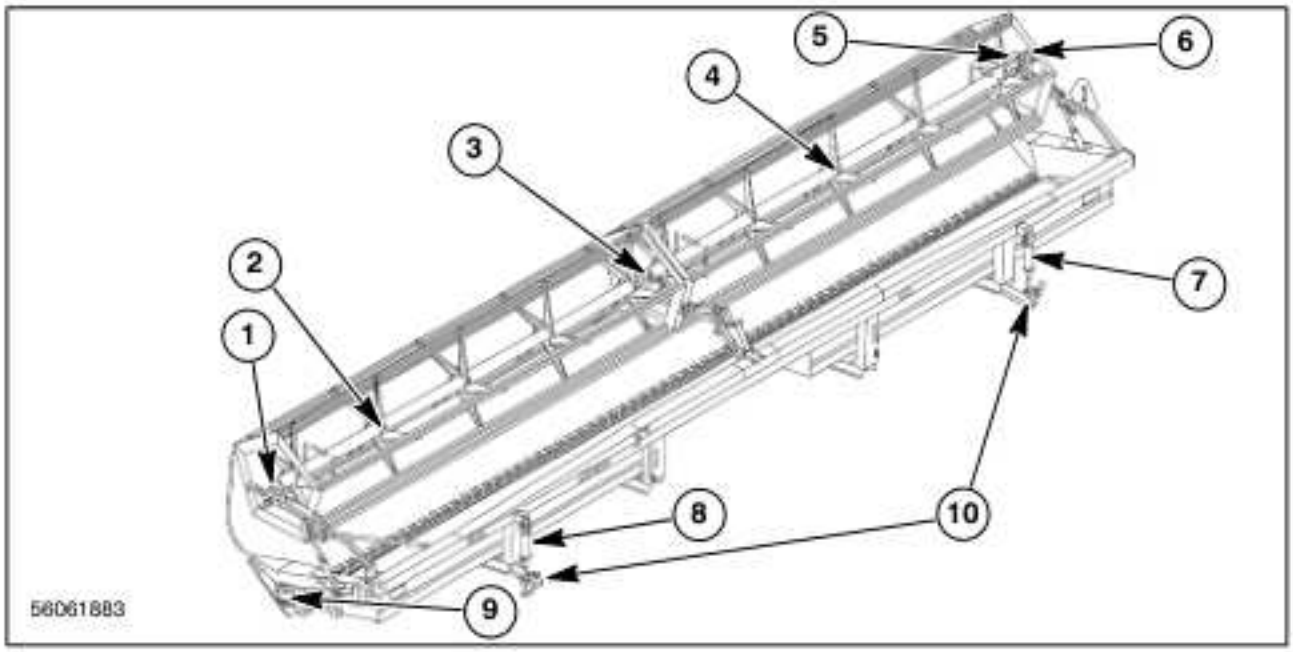
OPTIONAL EQUIPMENT 6-1

SPECIFICATIONS 7-1

INDEX 7-5

DELIVERY REPORT 7-7

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6

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 power the 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 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 has 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 a manifold block. It should be set at 207 bar (3000 psi). Individual circuit relief valves for draper and reel circuits are both set at 152 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.

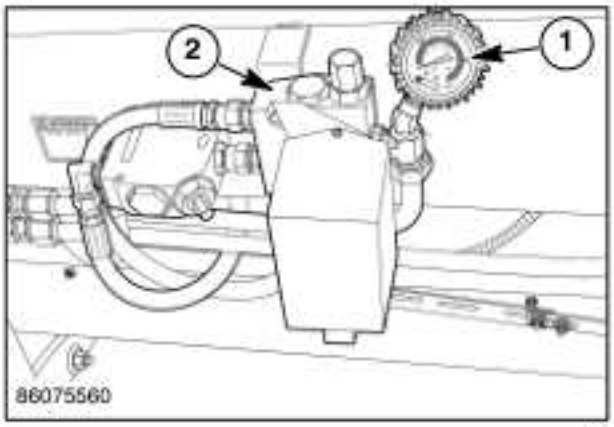
If draper pressure is high:

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.



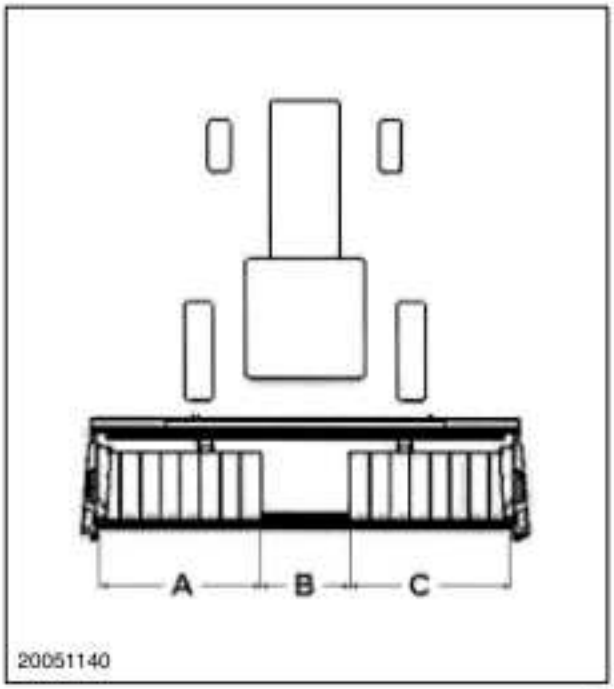
40

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DH SERIES SWATHER DELIVERY KITS

Single Swath Delivery

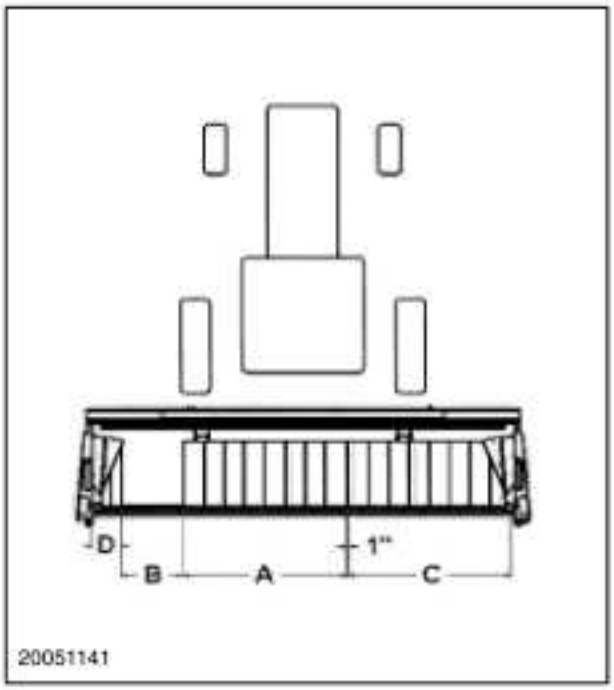
Models	A	B	C
DH182 5.5 m (18 ft)	80 in	50 in	80 in
DH212 6.4 m (21 ft)	99 in	50 in	99 in
DH252 7.6 m (25 ft)	118 in	56 in	118 in
	104 in*	68 in	118 in
	104 in*	80 in	104 in*
DH302 9.1 m (30 ft)	150 in	56 in	150 in
	136 in*	68 in	150 in
	136 in*	80 in	136 in*
DH362 11 m (36 ft)	189 in	56 in	189 in
	175 in*	68 in	189 in
	175 in*	80 in	175 in*



1

Double Swath Delivery

Models	A	B	C	D
DH212 6.4 mm (21 ft)	99 in	45 in	99 in	6 in
	99 in	50 in S	99 in	–
DH252 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*	–
DH302 9.1 mm (30 ft)	150 in	50 in S	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*	–



2

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

NOTE: *No tables get a junior deck.*

NOTE: *"C" denotes 'center delivery only' available.*

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

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

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