3152
3162

Draper Header

PIN YHH051300 and above

SERVICE MANUAL

Part number 48144004
1st edition English
May 2017

CASE IH AGRICULTURE

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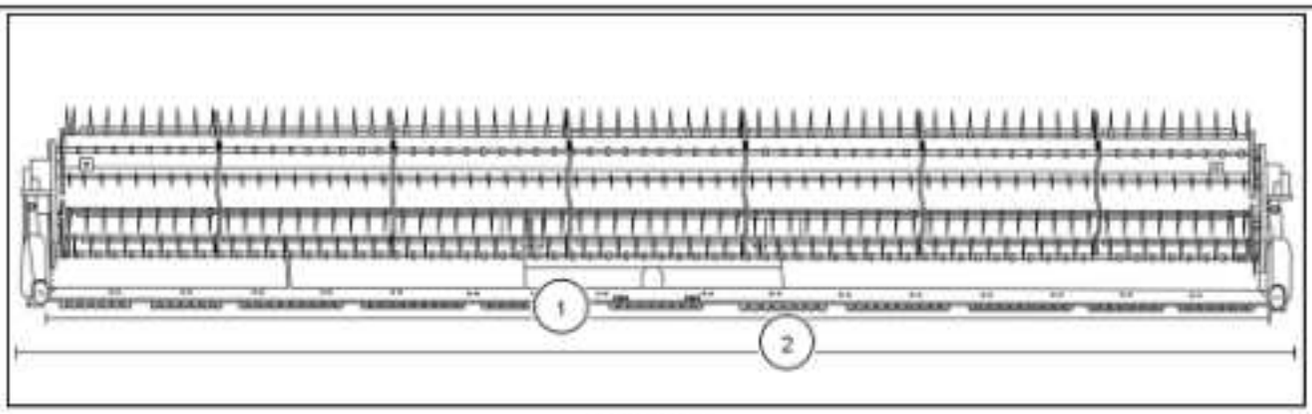
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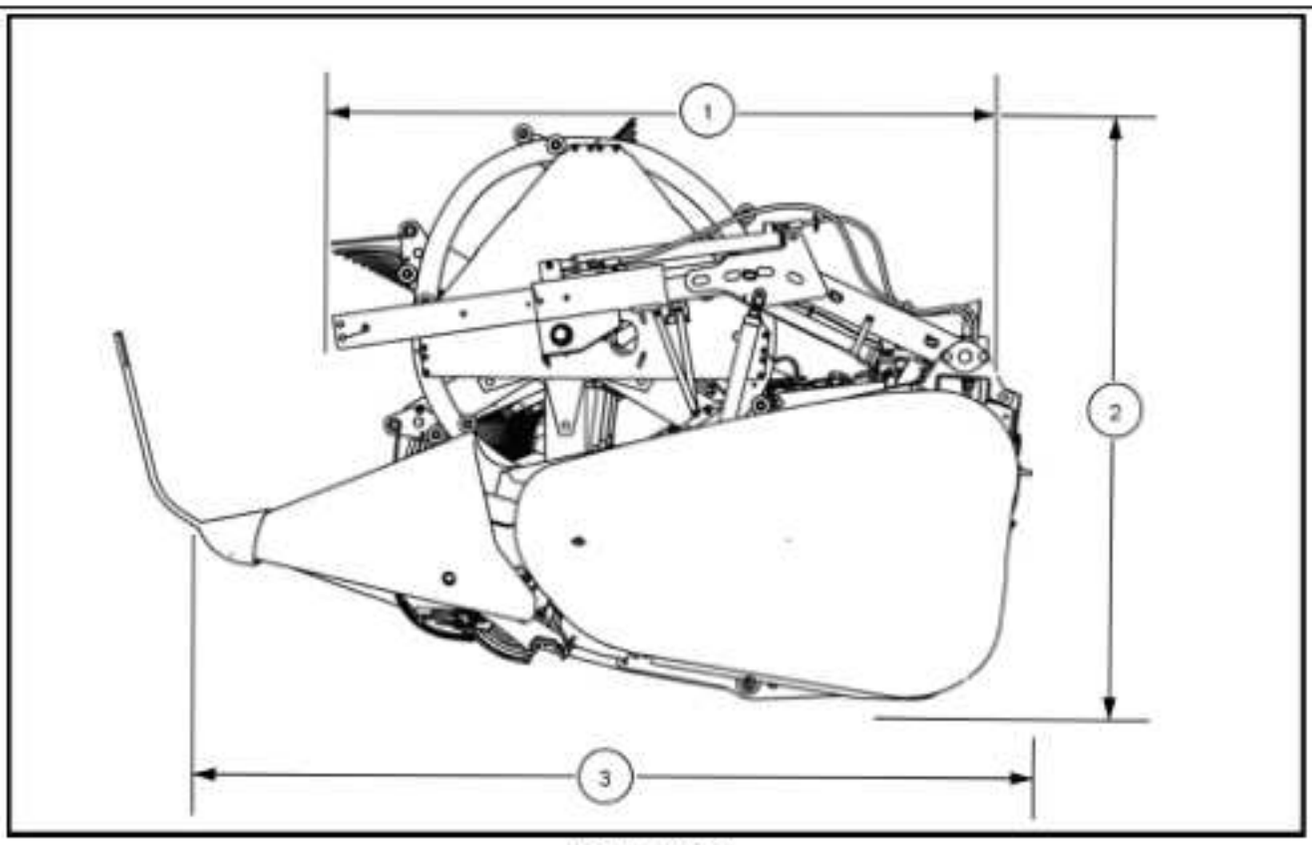
General specification Machine specifications - Rigid headers

3152 Rigid draper header (40 ft), export [YHH051300 -]
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3152 [YHH051300 -]



S5112527 A 1

(1)	(2)
7.6 m (25 ft)	7.7 m (25.4 ft)
9.1 m (30 ft)	9.3 m (30.4 ft)
10.7 m (35 ft)	10.8 m (35.4 ft)
12.2 m (40 ft)	12.3 m (40.4 ft)
13.7 m (45 ft)	13.8 m (45.4 ft)



NHL16DH0406AA 2

(1) 2103.6 mm (82.8 in)	(2) 1733 mm (68 in)	(3) 3003 mm (118.2 in)

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Electrical system - Component identification Lamp & LED: E-001 - E-008

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E-001

Topic	Reference
Name	LH Flashing light
Frame	**Wiring harnesses - Electrical schematic sheet 02 - Draper Header Lights/Hydraulic (55.100)**
Connector	**X-303**
Technical	
Functional	
Diagnostic	
Service	

E-002

Topic	Reference
Name	RH Flashing light
Frame	**Wiring harnesses - Electrical schematic sheet 02 - Draper Header Lights/Hydraulic (55.100)**
Connector	**X-304**
Technical	
Functional	
Diagnostic	
Service	

E-003

Topic	Reference
Name	Left Hand Tail light
Frame	**Wiring harnesses - Electrical schematic sheet 03 - Draper Header Transport Lights (55.100)**
Connector	**X-253 4**
Technical	
Functional	
Diagnostic	
Service	

E-008

Topic	Reference
Name	Right Hand Tail light
Frame	**Wiring harnesses - Electrical schematic sheet 03 - Draper Header Transport Lights (55.100)**
Connector	**X-252 4**
Technical	
Functional	
Diagnostic	
Service	

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Attachment/Header reel - Problem solving

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OPERATION

Problems associated with the function of this header are often caused by improper adjustments. The following suggested corrections are shown to familiarize you with the adjustments that can be made to correct common difficulties. Adjustments are dependent on field conditions and, as harvest conditions may vary, several corrections are shown for each problem. Often the problem can be corrected by following only one of the suggestions.

TROUBLESHOOTING

Before troubleshooting the system, make sure that the following conditions are met:

1. Area is clear of bystanders.
2. Header is properly attached to the combine.
3. Header PTO shaft is properly attached to the combine.

Problem	Possible Cause	Correction
Reel will not lift	Reel lift quick couplers not compatible or defective.	Change quick coupler.
Wrapping on reel end	Reel too low.	Raise reel.
	Reel speed too fast.	Reduce reel speed.
	Reel tines too aggressive.	Reduce cam setting (Third hole from the front).
Reel motion is uneven or stalls in heavy crop	Reel speed too fast.	Reduce reel speed.
	Reel speed too slow.	Increase reel speed.
	Reel fingers not aggressive enough.	Move to a more aggressive finger pitch hole (Third hole from the front is best).
	Reel too low.	Raise reel.
	Relief valve on Combine has low relief pressure setting.	Increase relief pressure to **211 Kg/cm²** (**3000 psi**).
	Low oil reservoir level on Combine.	Fill to proper level.
	Relief valve malfunction.	Replace relief valve.
Reel not releasing crop	Reel speed too fast.	Reduce speed of reel to allow crop to fall onto drapers properly. Reel speed should be slightly faster than ground speed.
	Reel too low.	Raise reel.
	Reel too far back.	Move reel forward (position 5).
	Reel tines too aggressive.	Reduce cam setting (1–3 holes from front).
Reel releasing crop too quickly	Reel too far forward.	Move reel back (set at position 5).
	Reel tines not aggressive enough.	Increase cam setting (2–4 holes from front).
Reel will not turn	Control set at zero.	Activate reel speed control.
	Quick couplers not properly connected.	Connect couplers.
	Reel drive chain disconnected.	Connect chain.

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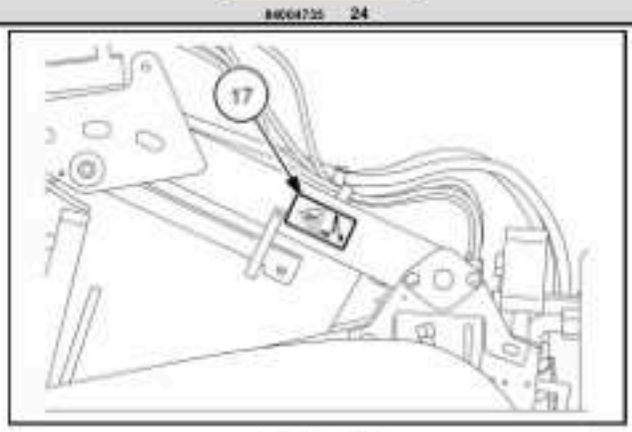
DANGER
Rest header on the ground or set header lift cylinder safety lock before going under unit. Failure to comply will result in death or serious injury.

Quantity: 2 or 3 dependant on machine layout
84004735



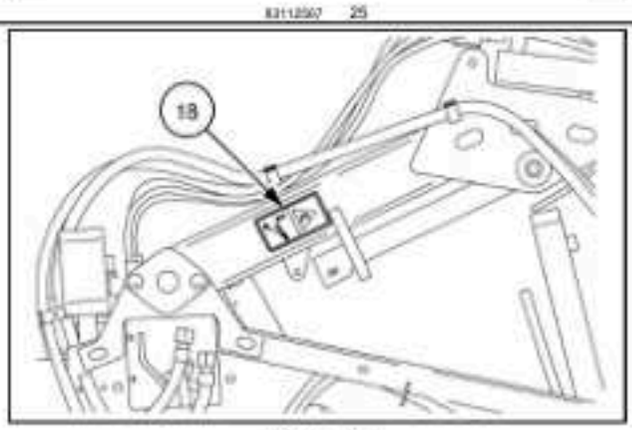
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(17) LH side reel arm.



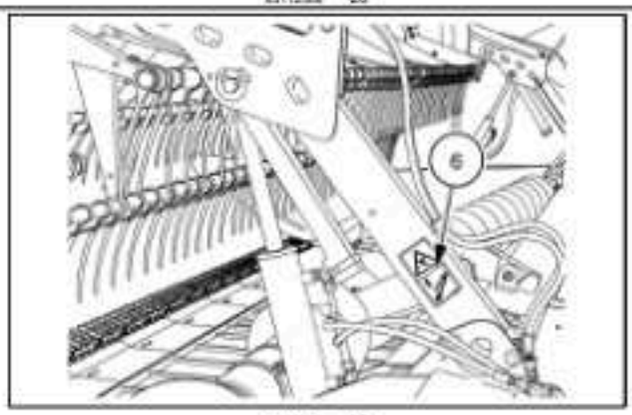
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(18) RH side reel arm.



83112568 26

(6) Center reel arm – split reel equipped heads only.



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