SERVICE MANUAL

VariFeed™ 760CG

Grain Header

Part number 47705703

4th edition English

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Replaces part number 47531606

NEW HOLLAND AGRICULTURE

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Contents

INTRODUCTION

Main gearbox and drive 14

[14.100] Main gearbox and drive 14.1

Clutch 18

[18.112] Slip clutch or flywheel damper 18.1

Hydraulic systems 35

[35.000] Hydraulic systems 35.1

[35.420] Reel vertical positioning system 35.2

[35.430] Reel fore-and-aft positioning system 35.3

[35.518] Reel control system 35.4

[35.565] Cutter control circuit 35.5

Electrical systems 55

[55.000] Electrical system 55.1

[55.100] Harnesses and connectors 55.2

[55.421] Feeding control system 55.3

[55.661] Cab header controls 55.4

Attachments/Headers 58

[58.101] Attachment/Header reel 58.1

[58.105] Attachment/Header reel control system 58.2

[58.110] Attachment/Header cutting mechanism 58.3

[58.120] Attachment/Header feed auger 58.4

[58.130] Attachment/Header frame 58.5

Platform, cab, bodywork, and decals 90

[90.105] Machine shields and guards 90.1

[90.108] Decals and plates 90.2

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Contents

INTRODUCTION

Basic instructions - Important notice regarding equipment servicing 3
Personal safety 4
Safety rules - Ecology and the environment 7
Safety rules 8
Safety rules - Precautionary statements 9
Safety signs - Single drive 12
Safety signs - Double drive 20
Personal safety 28
Basic instructions - Shop and assembly 29
Torque - Minimum tightening torques for normal assembly (*) 31
Torque - Standard torque data for hydraulics (*) 36
Basic instructions - Chain Wear Tables - Roller Chains 38
General specification - General Welding 40
General specification - Machine specifications 41
Product identification 43
Product identification 44

(*) See content for specific models

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WEAR LIMITS ON ROLLER CHAIN

Strand Length in Pitches	No. 40 Chain (08A)		No. 50 Chain (10A)		No. 60 Chain (12A)		No. 80 Chain (16A)	
	New	Replace	New	Replace	New	Replace	New	Replace
40P	508 mm (20.0 in)	523 mm (20.591 in)	635 mm (25.0 in)	654 mm (25.748 in)	762 mm (30.0 in)	787 mm (31.0 in)	1016 mm (40.0 in)	1047 mm (41.220 in)
50P	635 mm (25.0 in)	654 mm (25.748 in)	793 mm (31.220 in)	817 mm (32.165 in)	952 mm (37.480 in)	981 mm (38.622 in)	1270 mm (50.0 in)	1308 mm (51.496 in)
60P	762 mm (30.0 in)	784 mm (30.866 in)	952 mm (37.480 in)	981 mm (38.622 in)	1143 mm (45.0 in)	1177 mm (46.339 in)	1524 mm (60.0 in)	1568 mm (61.732 in)
70P	889 mm (35.0 in)	914 mm (36.0 in)	1111 mm (43.740 in)	1144 mm (45.039 in)	1333 mm (52.480 in)	1371 mm (54.0 in)	1778 mm (70.0 in)	1828 mm (72.0 in)
80P	1016 mm (40.0 in)	1047 mm (41.220 in)	1270 mm (50.0 in)	1308 mm (51.496 in)	1524 mm (60.0 in)	1568 mm (61.732 in)	2032 mm (80.0 in)	2095 mm (82.480 in)
90P	1143 mm (45.0 in)	1177 mm (46.339 in)	1428 mm (56.220 in)	1473 mm (58.0 in)	1714 mm (67.480 in)	1765 mm (69.488 in)	2286 mm (90.0 in)	2355 mm (92.717 in)
100P	1270 mm (50.0 in)	1308 mm (51.496 in)	1578 mm (62.126 in)	1635 mm (64.370 in)	1905 mm (75.0 in)	1962 mm (77.244 in)	2540 mm (100.0 in)	2616 mm (103.0 in)

STANDARD ROLLER CHAIN SIZES - NEW CHAINS

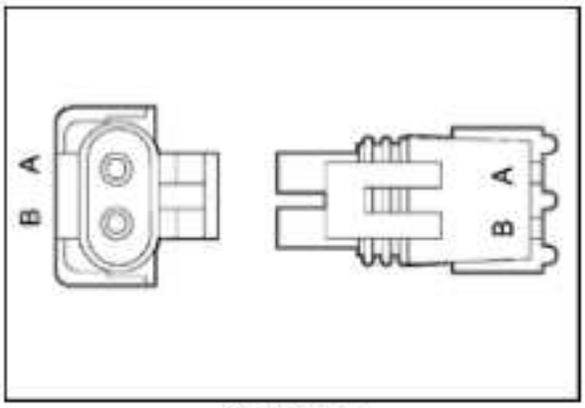
Chain No.	150 Chain No.	Pitch	Width	Roller Diameter
40	08A	12.7 mm (0.5 in)	7.9 mm (0.311 in)	7.9 mm (0.311 in)
50	10A	15.8 mm (0.622 in)	9.5 mm (0.374 in)	10.1 mm (0.398 in)
60	12A	19 mm (0.748 in)	12.7 mm (0.500 in)	11.9 mm (0.469 in)
80	16A	25.4 mm (1.000 in)	15.8 mm (0.622 in)	15.8 mm (0.622 in)
100	20A	31.7 mm (1.248 in)	19 mm (0.748 in)	19 mm (0.748 in)
120	24A	38.1 mm (1.500 in)	25.4 mm (1.000 in)	22.2 mm (0.874 in)
140	28A	44.4 mm (1.748 in)	25.4 mm (1.000 in)	25.4 mm (1.000 in)
160	32A	50.8 mm (2.000 in)	31.7 mm (1.248 in)	28.5 mm (1.122 in)
180	*	57.1 mm (2.248 in)	35.7 mm (1.406 in)	35.7 mm (1.406 in)
200	40A	63.4 mm (2.496 in)	38.1 mm (1.500 in)	39.6 mm (1.559 in)

* No. 150 Number does not exist.

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Connector X304 - Header harness to right-hand flashing light

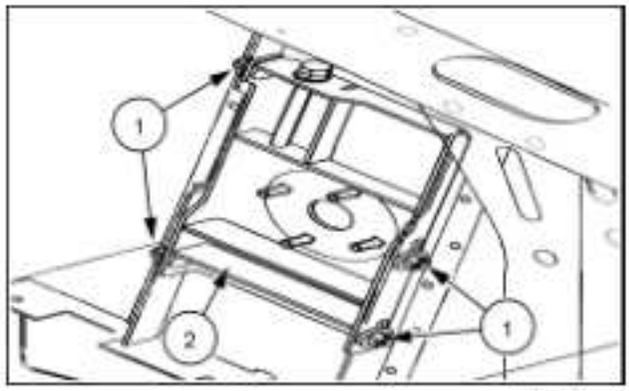
Connector X304 - Right-hand flashing light			
Pin number	Wire number	Circuit reference	ELECTRICAL SCHEMATICS FRAME
A	799 (BK)	Ground	**Wire harnesses - Electrical schematic sheet 02 (55.100)**
B	618 (PU)	**+12 V**	



PAC_13010792 3

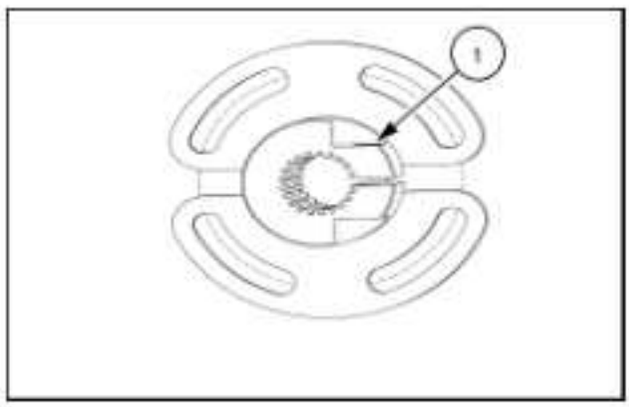
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9. Install the slide assembly **(2)** and install the four carriage bolts with washers and nuts **(1)** to secure the slide to the frame.



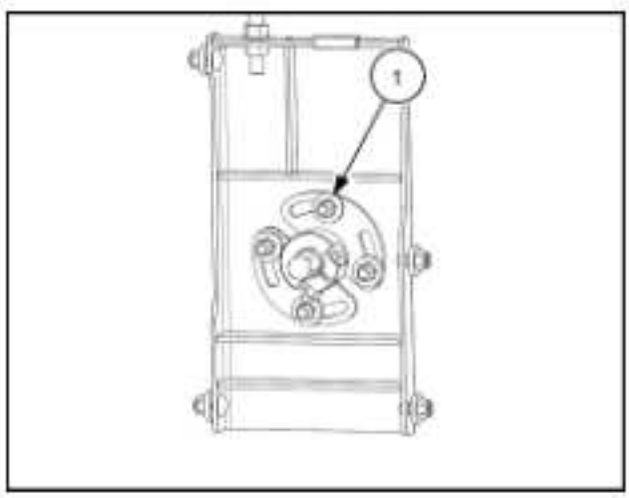
7

10. Slide the hub onto the shaft and install an M12 X 60 bolt and torque nut through the hubs collar **(1)** and tighten to torque specifications.



8

11. Install the four M12 torque nuts and washers **(1)** to the threaded studs. Tighten all hardware to standard torque.
12. Remove all slack from the belts or hooks and remove from the auger.



9

Next operation:
Wobble box drive belt Tensioner - Install (58.110).
Next operation:
Feed auger drive chain Drive sprocket - Install (58.120).
Next operation:
Slip clutch - Install (60.122).

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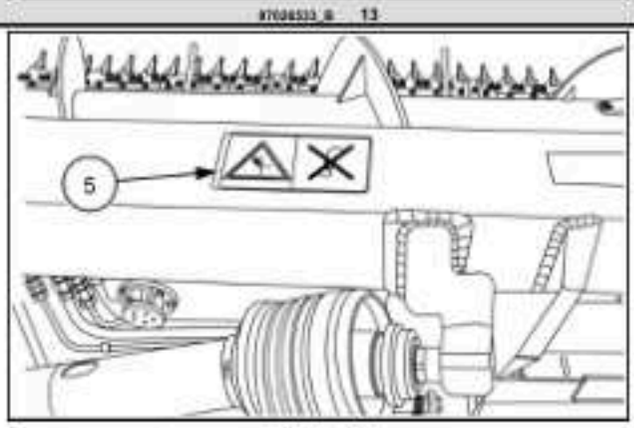
WARNING
Slippery surface.
Do not use this area as a step or platform.
Failure to comply could result in death or serious injury.

Quantity: 2
87026533



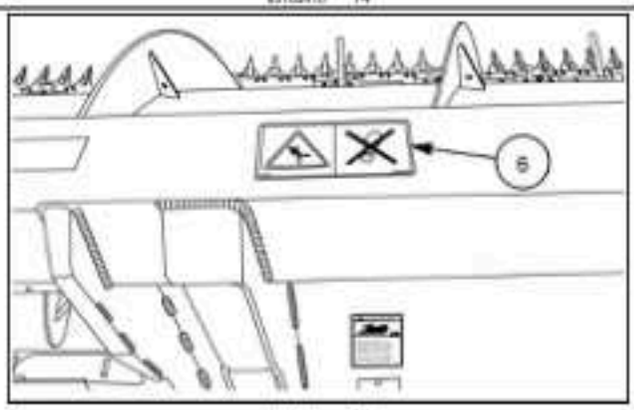
87026533_B 13

(5) Left-hand side of the feeder opening, on the top beam.



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(6) Right-hand side of the feeder opening, on the top beam.



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