**4206F / 4206R**
**4208F / 4208R**
**4212F / 4212R**
**4406F / 4406R**
**4408F / 4408R**
**4412F / 4412R**
**4416R**

# Corn Header

# SERVICE MANUAL

**Part number 47869954**
2nd edition English
May 2015
*Replaces part numbers 47601951 and 47705757*

CASE IH AGRICULTURE

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# Contents


INTRODUCTION

Hydraulic systems ..... 35

[35.910] Head and header hydraulic drive ..... 35.1

[35.603] Deck plate hydraulic system ..... 35.2

[35.660] Flip-up header ..... 35.3

[35.000] Hydraulic systems ..... 35.4

Electrical systems ..... 55

[55.000] Electrical system ..... 55.1

[55.100] Harnesses and connectors ..... 55.2

[55.421] Feeding control system ..... 55.3

[55.408] Warning indicators, alarms, and instruments ..... 55.4

Attachments/Headers ..... 58

[58.130] Attachment/Header frame ..... 58.1

[58.120] Attachment/Header feed auger ..... 58.2

[58.220] Corn header structure ..... 58.3

[58.218] Corn header feeder structure ..... 58.4

[58.228] Rotating dividers ..... 58.5

[58.230] Stalk choppers ..... 58.6

[58.408] Row-independent header guards and protection ..... 58.7

[58.414] Row-independent header gearboxes ..... 58.8

[58.428] Row-independent header rotating dividers ..... 58.9

[58.100] Attachment/Header support and drives ..... 58.10

[58.208] Corn header shields and guards ..... 58.11

[58.224] Header drive ..... 58.12

Product feeding ..... 60

[60.122] Length-of-cut gearbox ..... 60.1




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# Contents

## INTRODUCTION


Foreword - Important notice regarding equipment servicing (*) ..... 3
Personal safety (*) ..... 4
Safety rules (*) ..... 7
Safety rules - Ecology and the environment (*) ..... 8
Safety signs - Rigid headers (*) ..... 9
Safety signs - Rigid 16–row headers (*) ..... 24
Safety signs - Folding headers (*) ..... 41
Basic instructions - Shop and assembly (*) ..... 55
Torque - Minimum tightening torques for normal assembly (*) ..... 57
Torque – Standard torque data for hydraulics (*) ..... 62
Basic instructions - Chain Wear Tables - Roller Chains (*) ..... 64
Attachments/Headers - Basic instructions (*) ..... 66
General specification (*) ..... 68
Capacities (*) ..... 72
Product identification (*) ..... 73
Product identification (*) ..... 74
Product identification - Machine orientation (*) ..... 75


(*) See content for specific models




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# Contents

## Hydraulic systems - 35

[35.910] Head and header hydraulic drive ..... 35.1

[35.603] Deck plate hydraulic system ..... 35.2

[35.660] Flip-up header..... 35.3

[35.000] Hydraulic systems..... 35.4

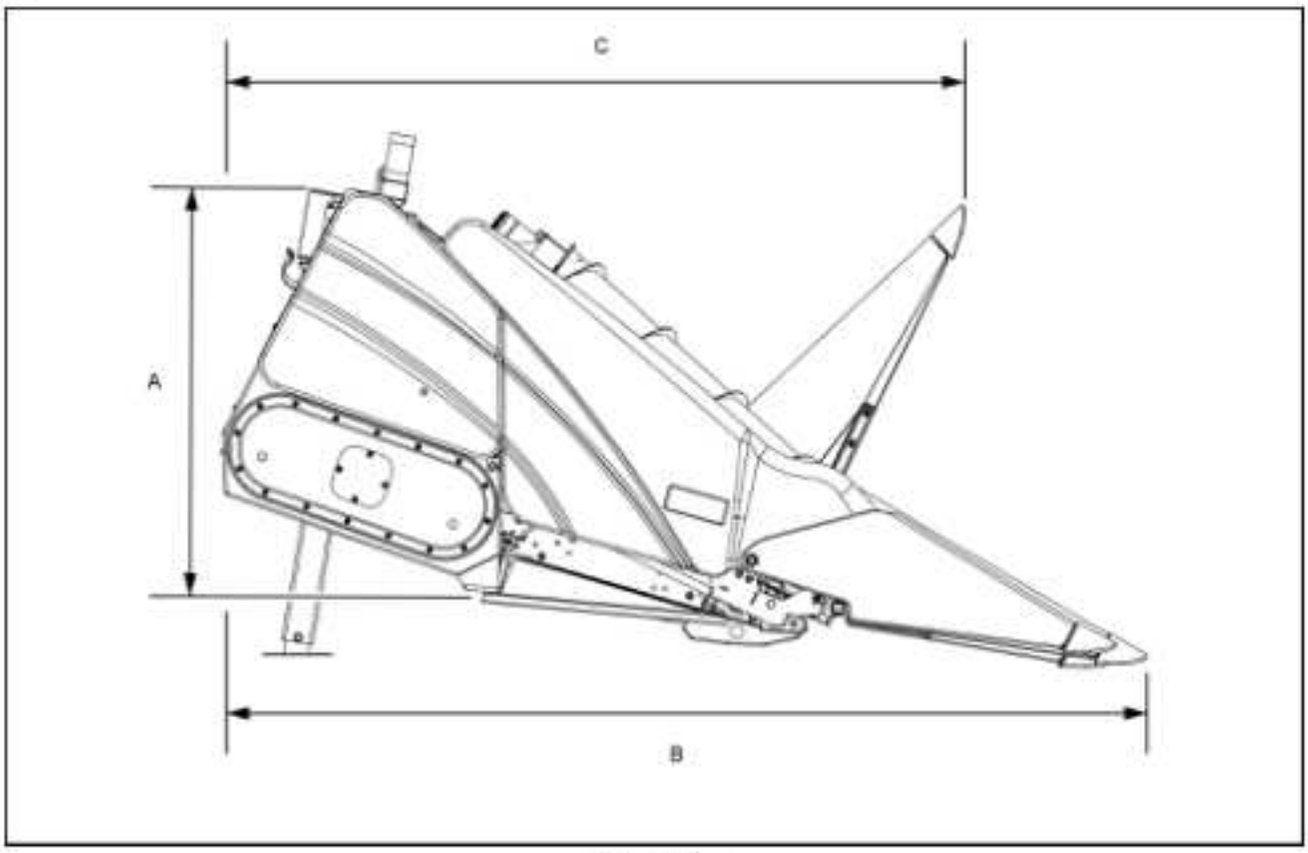


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# General specification

| | |
|---|---|
| 4200 Series Corn Headers | |
| 4400 Series Corn Headers | |

## Rigid Header




NHL152H001709PA 1

| Configura-tion | "Overall Length" | Dimension (A) -Height | | Dimension (B) -Transport Width | | Dimension (C) -Working Length | |
|---|---|---|---|---|---|---|---|
| | | Chop | Non-Chop | Chop | Non-Chop | Chop | Non-Chop |
| 6R30 | 4870 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 8R30 | 6394 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 12R30 | 9442 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 6R36 | 5682 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 6R38 | 5836 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 8R36 | 7511 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 8R38 | 7766 | 1229 | 1258 | 2200 | 2272 | 3010 | 2993 |
| 16R30 | 12486 | N/A | 1240 | N/A | 2282 | N/A | 3012 |
| Dimensions given in mm | | | | | | | |

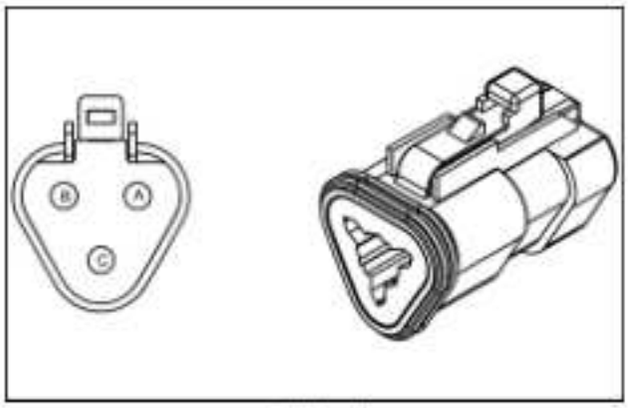


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# Wire connectors - Component diagram 98 – Connectors X-980 to X-989

| | |
|---|---|
| 4206R | |
| 4208R | |
| 4212R | |
| 4406R | |
| 4408R | |
| 4412R | |
| 4416R | |

***X-981L - Left height sensor harness to header top beam harness (47416266) (Female)***

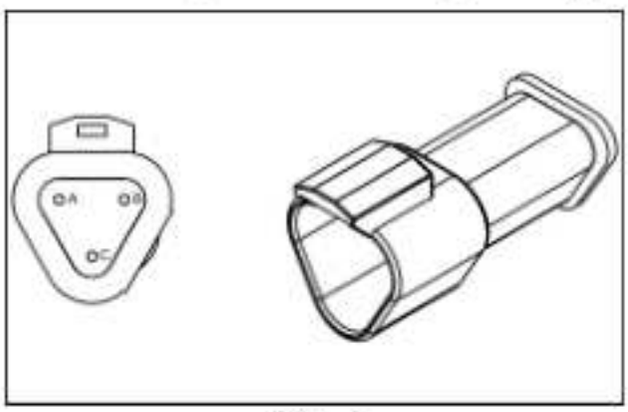



47416266 1

**47416266**

| Pin | From | Wire | Description | Color-Size | Frame |
|---|---|---|---|---|---|
| A | **X-983L pin A** | LF-3 | Ground | BL-1.0 | **SHEET 01** |
| B | **X-983L pin B** | LF-2 | Supply | PK-1.0 | |
| C | **X-983L pin C** | LF-1 | Signal | YE-1.0 | |

***X-981L - Header top beam harness to left height sensor harness (87708111) (Male)***




87708111 2

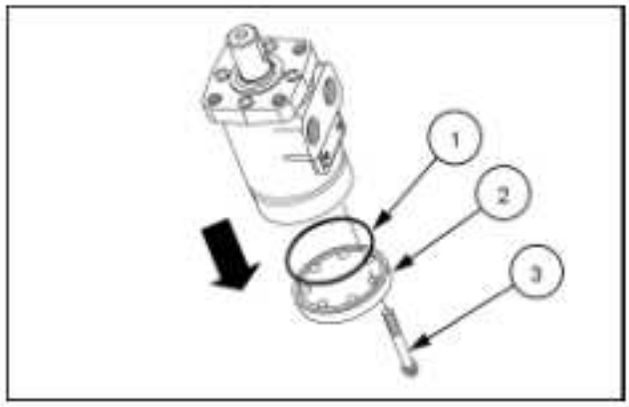
**87708111**

| Pin | From | Wire | Description | Color-Size | Frame |
|---|---|---|---|---|---|
| A | SP-3006A | HE-3006AA | Ground | BL-1.0 | **SHEET 01** |
| B | SP-3005A | HE-3005AA | Supply | PK-1.0 | |
| C | **X-032 (Male) pin 1** | HE-3001 | Signal | YE-1.0 | |



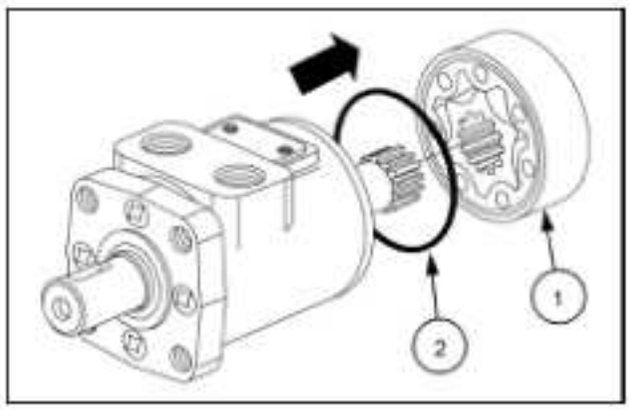
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9. Remove the cap screws **(3)**.
10. Remove the end cap **(2)**.
11. Remove the seal **(1)** from the end cap **(2)**.



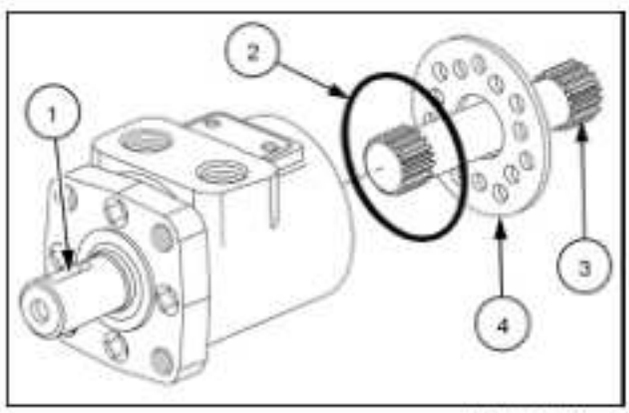

NHL14GHE0078AA 4

12. Remove the gerotor section **(1)**.
13. Remove the seal **(2)** from the gerotor section **(1)**.




NHL14GHE0077AA 5

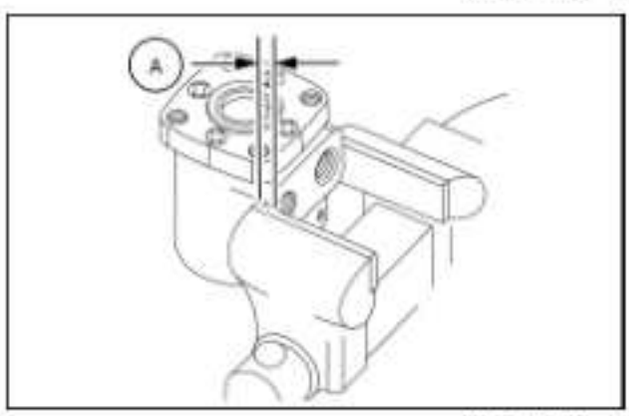
14. Remove the drive shaft **(3)**, spacer plate **(4)**, and seal **(2)** from the motor housing.
15. Remove the output shaft **(1)** from the motor housing.
16. Remove the needle thrust bearing from shaft or motor housing.




NHL14GHE0079AA 6

17. Reposition the motor in the vise so that the vice clamps across the port base at **13 mm** (**0.5 in**) **(A)** as shown in Figure **11**.

***NOTICE:*** *Do not clamp on the sides of the motor housing. Excessive clamping pressure on the sides of the motor housing may cause distortion.*




NHL14GHE0075AA 7



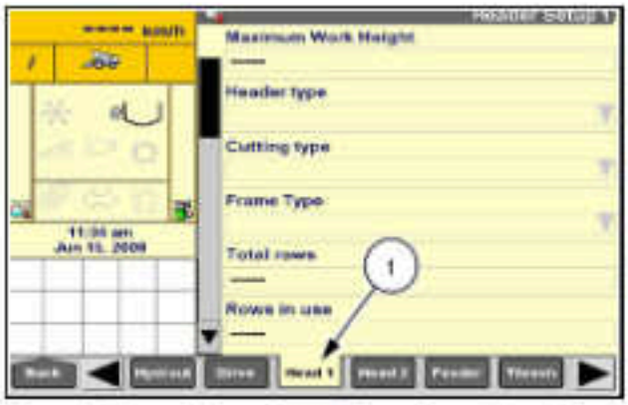
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# Instrument cluster - Configure

| | |
|---|---|
| 4200 Series Corn Headers | |
| 4400 Series Corn Headers | |

To ensure proper operation of the header deck plate and fold functions of the flip-up heads, follow these steps:

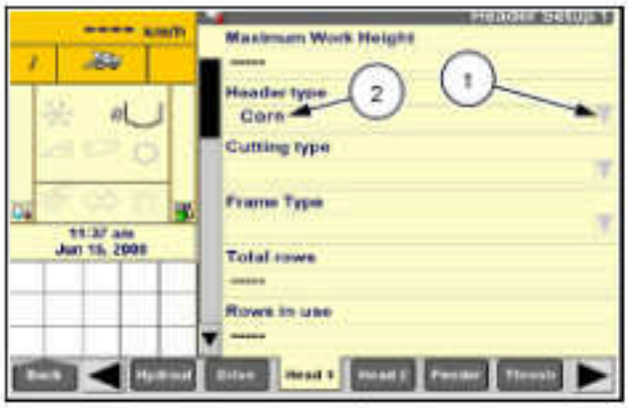
1. From the toolbox menu, select the "Head 1" tab **(1)** in the combine display.




20093902 1

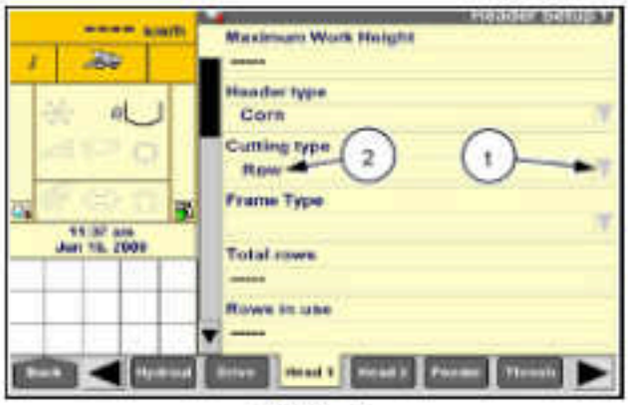
**(1)**

2. Select "Header type" drop down menu **(1)** and select Corn **(2)**.




20093905A 2

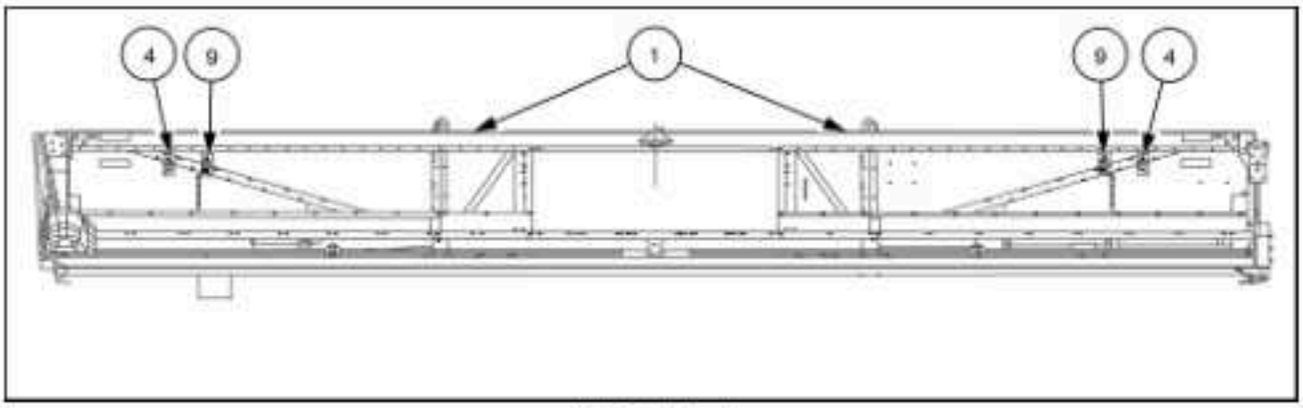
3. Select "Cutting type" drop down menu **(1)** and select Row **(2)**.




20093906B 3



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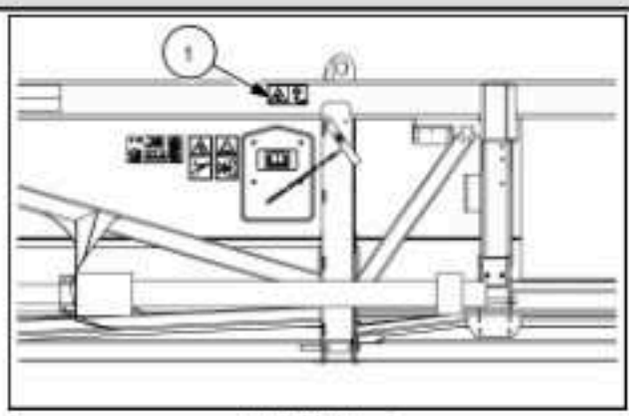
**Front**

**WARNING**
**Overhead lifting hazard.**
**Lift and handle heavy components using lifting equipment with appropriate lifting capacity.**
**Ensure that units are supported by suitable slings and hooks.**
**Ensure that no persons or pets are in the vicinity of the load being lifted**
**Failure to comply could result in death or serious injury.**
**Quantity: 2**
**84593097**



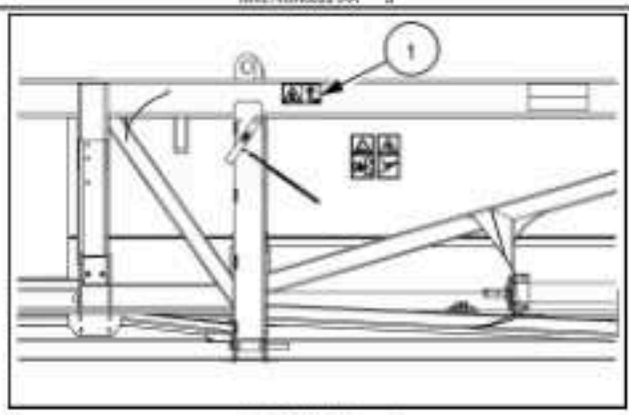
84593097 4

**(1)** Left-Hand (LH) side of the feeder house opening top beam.




NHEL14GH00331AA 5

**(1)** Right-Hand (RH) side of the feeder house opening top beam.




NHEL14GH00332AA 6



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