Product Bulletin
Setting & Adjustment
Forage Harvesters

CLAAS of America Inc.

8401 South 132nd Street, Omaha, NE 68138
Phone: 402 861 1000
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Title	2018_PB_1003_JAGUAR_Operation Tips for PU 380 & PU 300 (SN: i35/i36) with CLAAS JAGUAR 498/496
Published	4/27/2018

The below information is intended for informational purposes only and does not constitute a warranty. Refer to JAGUAR and PU Operator Manual for further instruction.

The following chart is for recommended auger sprockets for different length of cut on 900 and 800 series JAGUAR using SN starting with i35 or i36 series PU 380 or 300 pick-up head. It is important to have the correct sprocket / gearbox (i36) selection for optimum performance in regards to capacity and smooth crop flow.

For i36 with single speed drive, use column II for correct sprockets

800/900 Series 20 Knife PU SN: i36

i36-20 Knife	Gears 33/15	Gears 33/17	Gears 33/18	Gears 32/15	Gears 32/17	Gears 32/18	Gears 27/15	Gears 27/17	Gears 27/18
LOC	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III
12									
12.5									
13									
13.5									
14									
14.5									
15									
15.5									
16									
16.5									
17									
17.5									
18									
18.5									
19									
19.5									
20									
20.5									
21									
21.5									
22									
22.5									
23									
23.5									
24									
24.5									
25									
25.5									
26									
26.5									

900 Series 24 Knife PU SN: i36

i36-24 Knife	Gears 33/15	Gears 33/17	Gears 33/18	Gears 32/15	Gears 32/17	Gears 32/18	Gears 27/15	Gears 27/17	Gears 27/18
LOC	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III
10									
10.5									
11									
11.5									
12									
12.5									
13									
13.5									
14									
14.5									
15									
15.5									
16									
16.5									
17									
17.5									
18									
18.5									
19									
19.5									
20									
20.5									
21									
21.5									
22									

900 Series 28 Knife PU SN: i36

i36-28 Knife	Gears 33/15	Gears 33/17	Gears 33/18	Gears 32/15	Gears 32/17	Gears 32/18	Gears 27/15	Gears 27/17	Gears 27/18
LOC	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III	I II III
8									
8.5									
9									
9.5									
10									
10.5									
11									
11.5									
12									
12.5									
13									
13.5									
14									
14.5									
15									
15.5									
16									
16.5									
17									
17.5									
18									
18.5									

The CLAAS Green box is for best sprocket ratio for a LOC. The CLAAS Dark Grey is for acceptable sprocket ratio for a LOC. Note: half link is required for some sprocket combinations not provided with head.

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For 800 series choppers use chart for matching LOC.

For short LOC always use 31/15 and on a i36 Gear I.

900 Series 24 Knife PU SN: i35

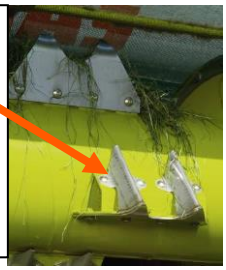
i35-24 knife	Gears 31/15	Gears 31/17	Gears 31/18	Gears 30/15	Gears 30/17	Gears 30/18	Gears 24/15	Gears 24/17	Gears 24/18
LOC									
12									
12.5									
13									
13.5									
14									
14.5									
15									
15.5									
16									
16.5									
17									
17.5									
18									
18.5									
19									
19.5									
20									
20.5									
21									
215									
22									

Note: JAGUAR 900 series 494 with a 20-knife drum, but with software set to 24-knife drum must follow the 24-knife drum sprocket settings to the LOC displayed in CEBIS.

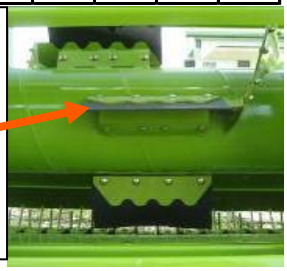
800/900 Series 20 Knife PU SN: i35

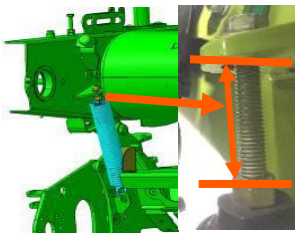
i35-20 Knife	Gears 31/15	Gears 31/17	Gears 31/18	Gears 30/15	Gears 30/17	Gears 30/18	Gears 24/15	Gears 24/17	Gears 24/18
LOC									
15									
15.5									
16									
16.5									
17									
17.5									
18									
18.5									
19									
19.5									
20									
20.5									
21									
215									
22									
22.5									
23									
23.5									
24									
24.5									
25									
25.5									
26									
26.5									

If operator is chopping short and fluffy crop:
- Install Long stainless steel finger on the on the auger paddle brackets.
- DO NOT use for any other conditions!



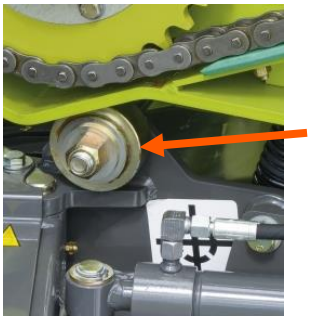
If operator is experiencing crop wrapping on the center of the auger:
- Rubber paddles that can be bolted to the center paddles of the auger. Dimensions 11” long by 7-8” wide. (Best material old baler belt)





Header operating in large windrows or have excessive auger bounce need to have the auger springs adjusted.

- Measure the gap of threads showing as show in picture to the left. Exposed bolt thread should be 1.57 inches (40 mm).



The auger down stop rollers have 2 positions for adjusting auger height.

- Lower hole: standard setting for small windrow sizes
- Upper hole: Large windrows and or clumpy

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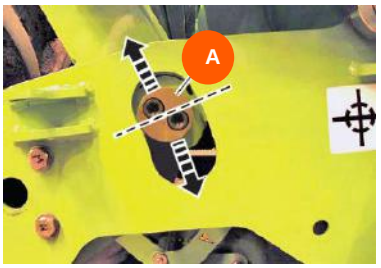
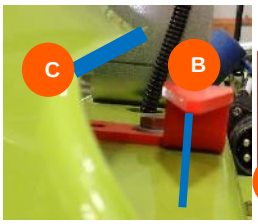
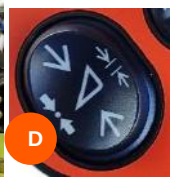
Proper Header Floatation is important for maximizing the efficiency of the head and JAGUAR. The feeder house limits for the head must be learned.



Setting: When using a PU header the operator always needs to be using AUTO CONTOUR button (D) on the MFL. The starting setting for SN: i35 headers (using ground pressure sensing) is 40-45 and for a i36 header (using Active Contour (Potentiometer sensor)) 75-85. See OM or CEBIS setup and controls guide for more information on setting floatation.

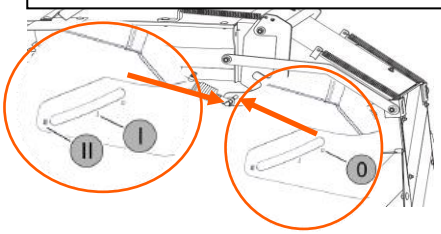
To set the proper floatation the brass colored cylinder (A) located on the RH side of the head needs to be in the upper 1/3 as pictured while head is setting stationary. When in field when header is in operation (A) will be in the center of the slot.





On LH side of head an adjustable visual indicator is present. Lines B and C should align when viewed from JAGUAR operators seat.

Gummy and hard flowing Crop Solutions



The Spout has 3 different positions for different crops:

- Position I: Normal use in grass
- Position II: Use in grass / alfalfa with condition that have a blockage tendency
- Position 0: use in corn (maize)

From CLAAS Parts an alternative back panel is available.
Recommended for long length of cut and gummy alfalfa. Plate is set forward 0.69 inches (17.5 mm). Plate changes crop flow for better placement for acceleration of crop from accelerator.
Available from CLAAS Parts - **PN: 2406 2680**