

Service & Parts Information

Product Improvement Information

CLAAS Omaha
Technical Support,

MB

Version 1



CLAAS LEXION 780 - 670

Information on Grass Seed Harvesting

Type of info: General
Group: 61
CLAAS No.: 13586

NOTE: Service Information Bulletins **Do Not** Constitute warranty authorization to update units. This Service Information is for informational purposes only.

MACHINES AFFECTED: CLAAS LEXION Types C79, C78, C77, C69, C68

INFORMATION: On CLAAS LEXION combines when harvesting grass seed, CLAAS offers a few improvements to reduce wear on components.

- **Sketch 1:** Replacing the Cross Augers in the grain tank will reduce the unloading speed from 3.7 bushels per second down to 3.1 bushels per second which is recommended to reduce wear on the grain tank unloading auger tubes.
- **Sketch 2:** Adding a stripper plate on the upper sprocket on the clean grain elevator chain to reduce material buildup in the area.

Please refer to the enclosed Installation instructions for further details and parts list.

The parts listed in the install instructions can be ordered through CLAAS Parts Department in Columbus, Indiana.

SERVICE & PARTS

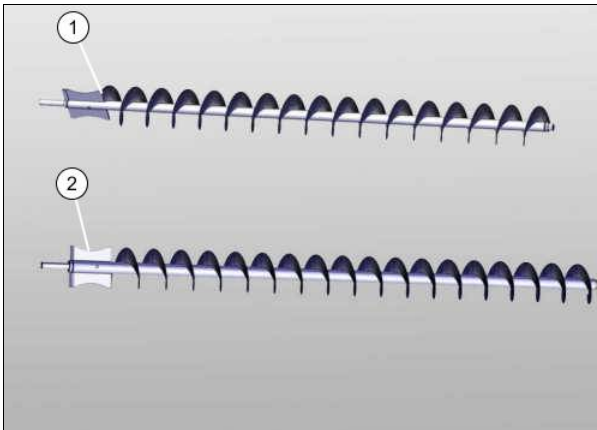
For planning purposes only, the Installation time for Improving the grain tank cross augers is approx. **4.75 hours**, and for installing the stripper is approx. **2.00 hours**.

NOTE: This is for informational purposes only.



created on 11/08/2017 for Lee Dyck

Sketch	Machine	Topic	Part number	Labour hours
1	CLAAS LEXION 780 - 670	Grain Delivery System: Grain Tank Unloading — Replacing the Augers	Individual parts	4,75
2	CLAAS LEXION 780 - 670	Grain Elevator: Installing the Stripper	Improvement kit 00 1497 138 0	2,00

Individual parts**Figure: 1.1**

The following individual parts are required:

Pos.	Qty.	Part no.	Description
1	1	00 0755 440 2	Front grain tank auger
2	1	00 0755 441 3	Rear grain tank auger
3	2	00 0007 612 0	Gib head key 10 x 8 x 40 (not shown)

Park the machine safely and secure it so that it cannot move.

Disconnect the power supply via the battery disconnecter.

- Remove the grain tank auger (A) and replace it with the front grain tank auger (1).
- Remove the grain tank auger (B) and replace it with the rear grain tank auger (2).
- Use the new gib head keys (3).

Note: Pay attention to the instructions in the repair manual (type C7X).

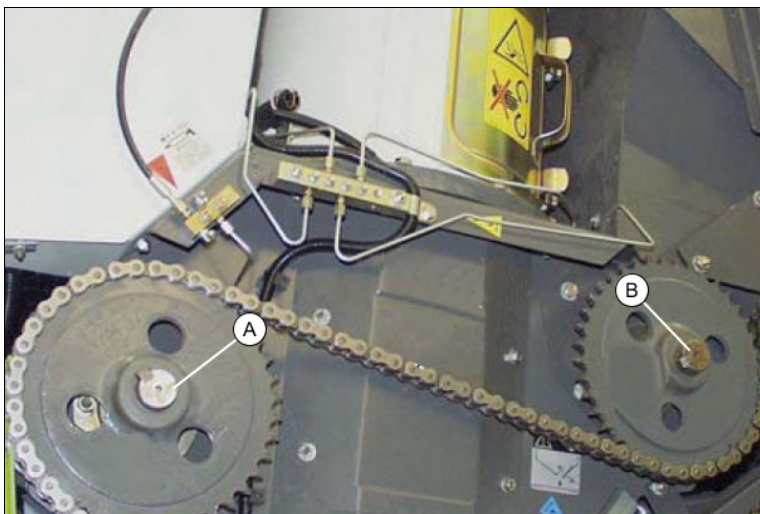
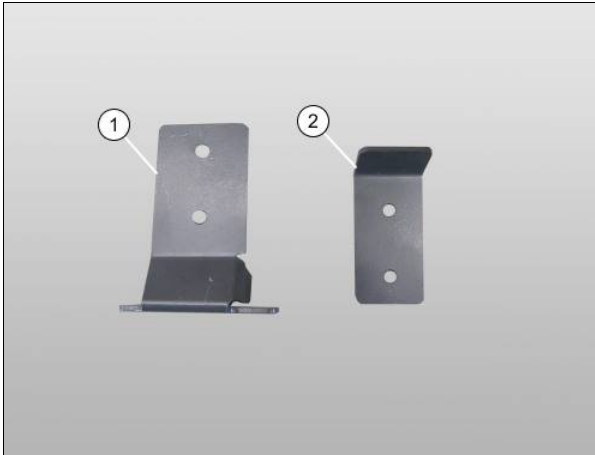


Figure: 1.2

Complete the machine and carry out a test run.

Clear all personnel from the machine and from the area. Check for proper operation of all controls while you operate the machine slowly in an open area. Refer to the Operation and Maintenance Manual for additional operation and safety information.

Note: This conversion helps to adjust the unloading capacity from 3.7 bushels per second to 3.1 bushels per second. This measure prevents possible damage to the grain tank unloading tube augers.

Improvement kit 00 1497 138 0**Figure: 2.1**

The Improvement kit **00 1497 138 0** contains the following individual parts:

Pos.	Qty.	Part no.	Description
1	1	00 1820 999 0	Template
2	1	00 1820 998 0	Stripper
3	2	00 0236 169 0	Hex. nut M6 (not shown)
4	2	00 0237 464 0	Hex. head bolt M6 x 12 (not shown)
5	2	00 0239 386 0	Contact washer A6 (not shown)

Park the machine safely and secure it so that it cannot move.

Disconnect the power supply via the battery disconnecter.

Remove the cover (A) on the left-hand side of the machine.



Figure: 2.2

Slacken the belt (R21) according to the instructions in the operator's manual and remove it from the pulleys (B) and (C).

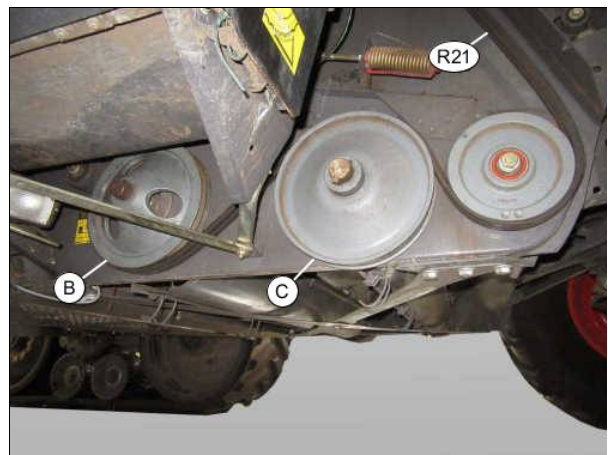


Figure: 2.3

Remove the flap (D) of the grain elevator.

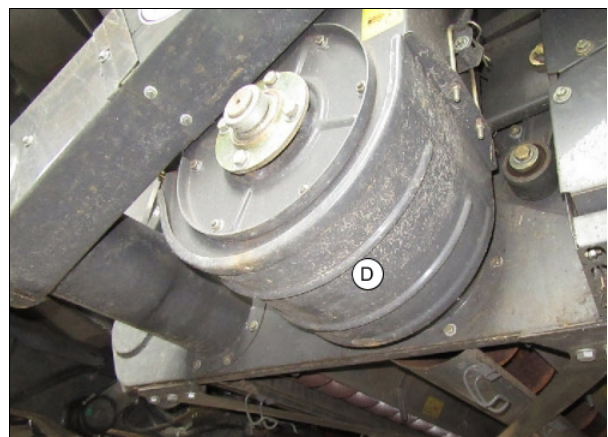


Figure: 2.4

Rotate the auger (E) at the pulley (B) until the chain-connect link (F) of the grain elevator chain is in the bottom position.

Slacken the grain elevator chain. Follow the instructions in the operator's manual.

Unlock and open the chain-connect link (F).

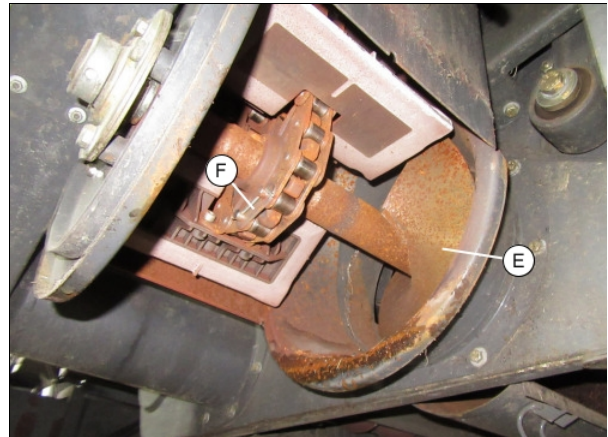


Figure: 2.5

Remove the cover (G).

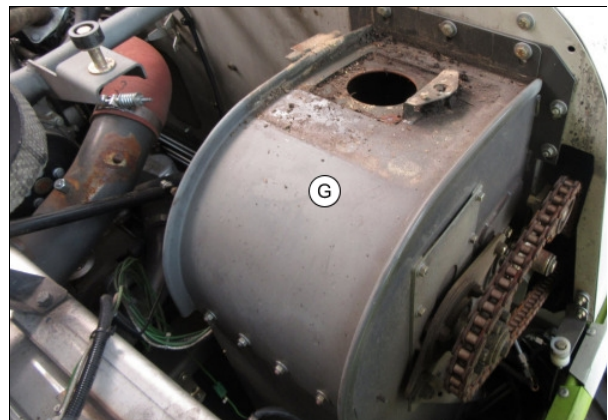


Figure: 2.6

Extract the rear strand (H) of the grain elevator chain and place it onto the grain tank cover as shown.

Note: Secure the grain elevator chain to ensure it cannot fall down.

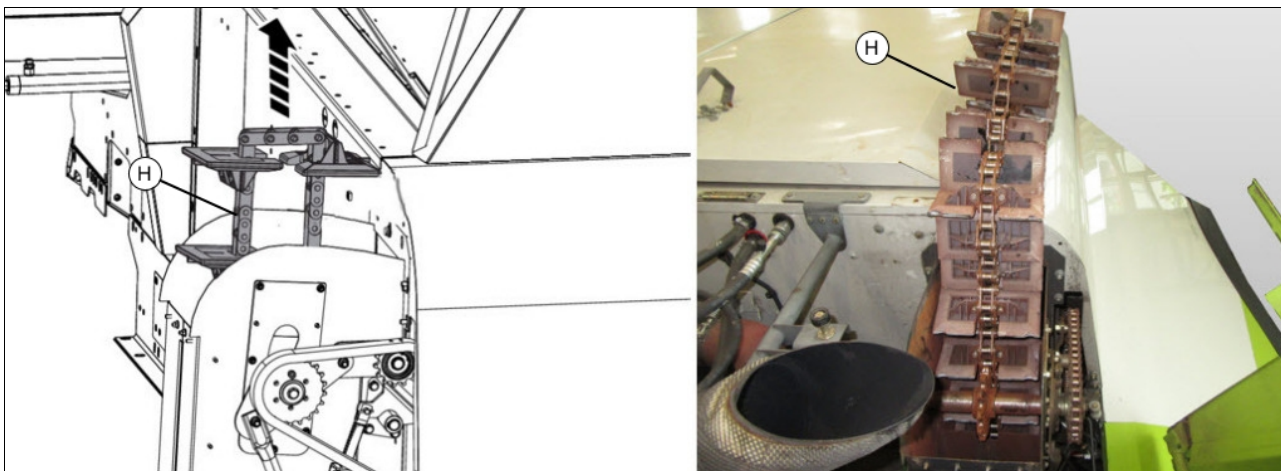


Figure: 2.7

Position the template (1) at the separating plate of the elevator as shown.

Note: Make sure that the template (1) is in contact with the surfaces at the indicated points (I).

Mark the holes (J).

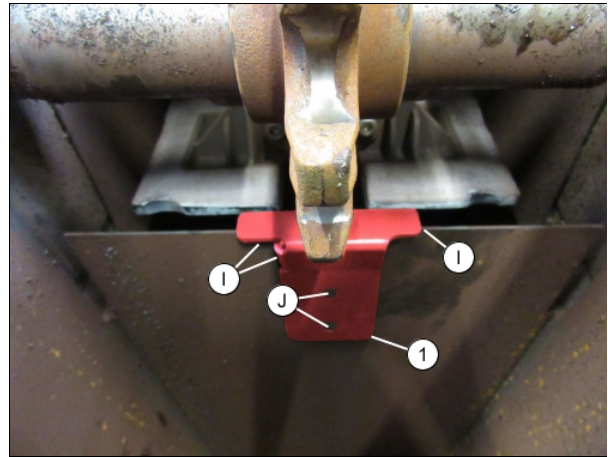


Figure: 2.8

Drill the holes (J) into the separating plate.

Hole diameter: 7 mm

Note: Use an angle drill.



Figure: 2.9

Install the stripper (2) as shown using the following components:

- 2 x hexagon nut (3)
- 2 x hexagon head bolt (4)
- 2 x contact washer (5)

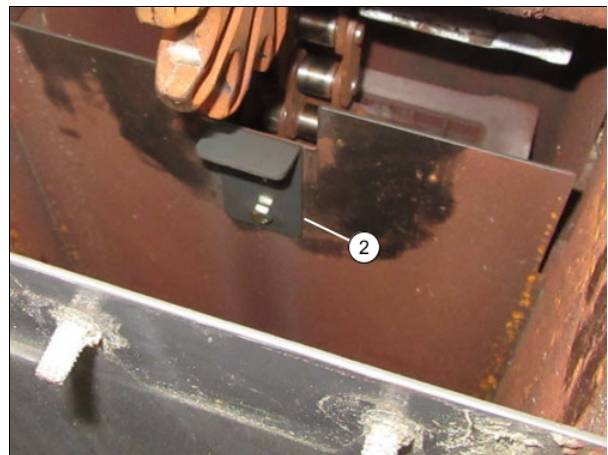


Figure: 2.10

Insert the rear strand (H) of the grain elevator chain.

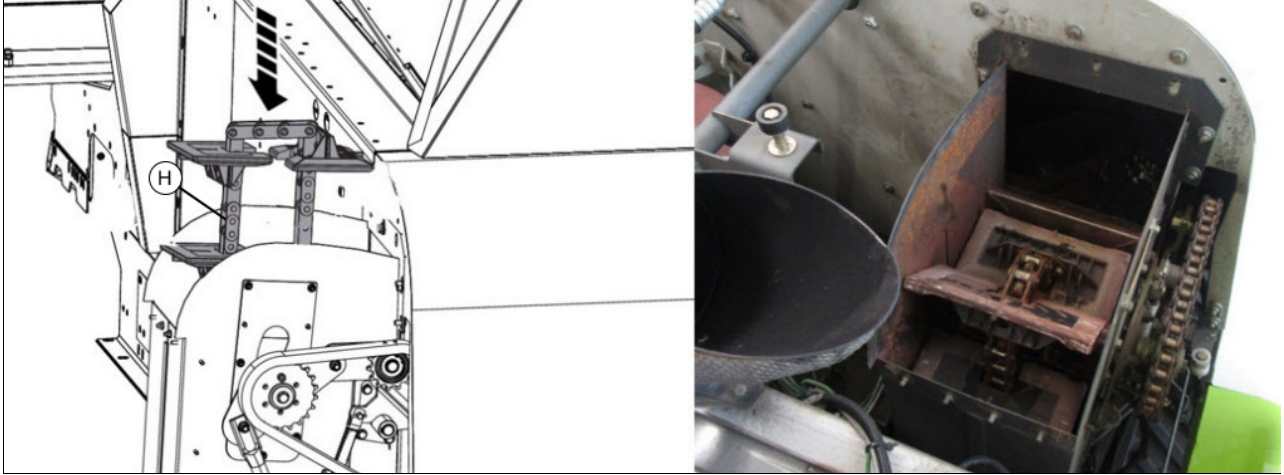


Figure: 2.11

Install the cover (G).

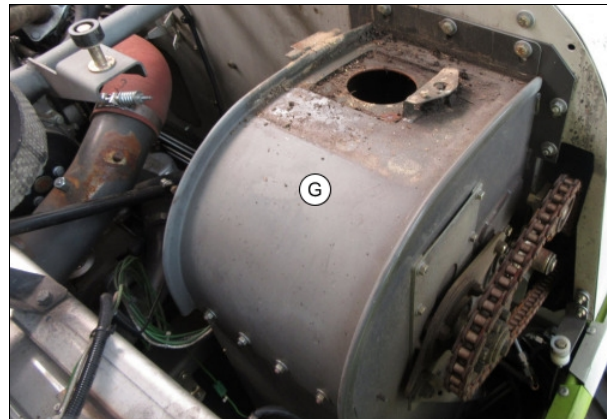


Figure: 2.12

Connect the grain elevator chain to the chain-connect link (F) and secure it using the lock wire.



Figure: 2.13

Install the flap (D) of the grain elevator.

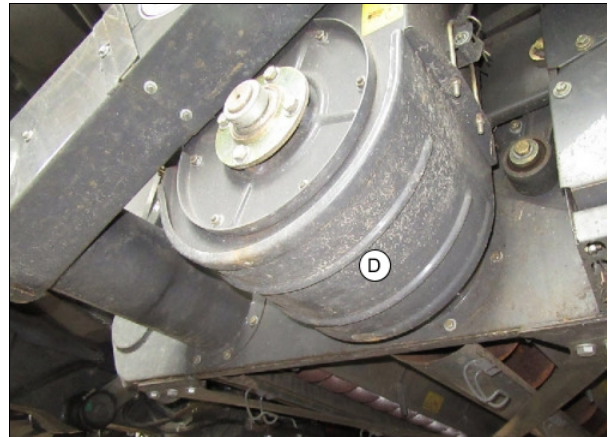


Figure: 2.14

Install and tighten the belt (R21) according to the instructions in the operator's manual.



Figure: 2.15

Install the cover (A) on the left-hand side of the machine.



Figure: 2.16



**CLAAS LEXION 780 - 670
Installation Instructions
Grain Elevator: Installing the Stripper**

**Sketch
2 g**

Complete the machine and carry out a test run.

Clear all personnel from the machine and from the area. Check for proper operation of all controls while you operate the machine slowly in an open area. Refer to the Operation and Maintenance Manual for additional operation and safety information.

Note: This conversion helps to prevent material residue accumulating in the area of the upper chain sprocket.