

FEEDING COMPONENTS

Maximizer™ (20, 50, and 60 Series Feeder House Conveyor Chain)



The feeder house conveyor chain delivers crop material from the front end of the combine to the threshing area. A worn conveyor chain will not move material efficiently, causing a material flow problem.

- Feeder house plugging
- Chain jumping sprocket teeth
- Excessive sprocket teeth wear
- Slug feeding
- Reduced ground speed
- Higher losses
- Premature threshing
- Grain damage

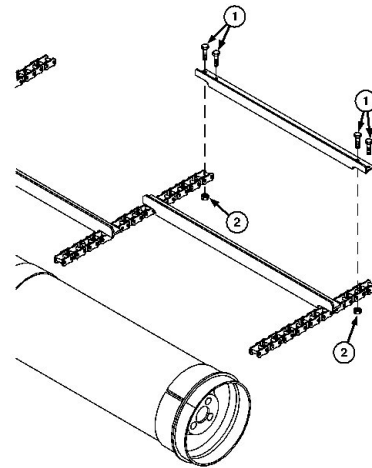
Excessive tension is the major cause of feeder house conveyor chain wear. It is normal for center strands to sag more because of the weight of the slat and the upward force of crop material.

Shaft and bearing failures are also often caused by excessive chain tension.

Feeder house conveyor chain, with wide-spaced slats, is standard equipment for all 9000 Series Combines. The under-slot slat and chain conveyor system smoothly delivers material to the threshing area. Conveyor chain, with narrow spaced slats, prevents corn, grain sorghum, or sunflower stalks from "hair-pinning", wrapping over the slats, wrapping on the drive shaft, or causing the chain to jump teeth on the drive sprockets.

The narrow-slat feeder house conveyor chain was standard equipment on all Titan Combines (PIN 60000 and up). The wide-spaced-slat feeder house conveyor chain is available as a service part only. It provides better material handling in crops such as small grain with short straw and green material that can stick to the feeder house bottom.

Bolt-On Feeder House Conveyor Chain Slat



Now conveyor chain slats can be replaced using bolts (1) and nuts (2) instead of rivets.

Applications:

- 9650 STS and 9750 STS Combines
- 9650 CTS Combines
- 9450, 9550, 9550SH, and 9650 Combines
- 9410, 9510, 9510 Sidehill, 9610, and CTS II Combines
- 9400, 9500, 9500 Sidehill, 9600, and CTS Combines

Specifications:

IMPORTANT: Do not over-tighten nuts. Tighten to the following specification.

- Conveyor Chain Slat nut torque 25 N•m (19 lb.ft.)

Part

number	Description
H134002	Slat, narrow-body combines
H134003	Slat, wide-body combines
H149559	Slat, wide-body combines with ContourMaster™ feederhouse
19M7139	Screw, hex head, MB x 20
14M7166	Hex nut, MB