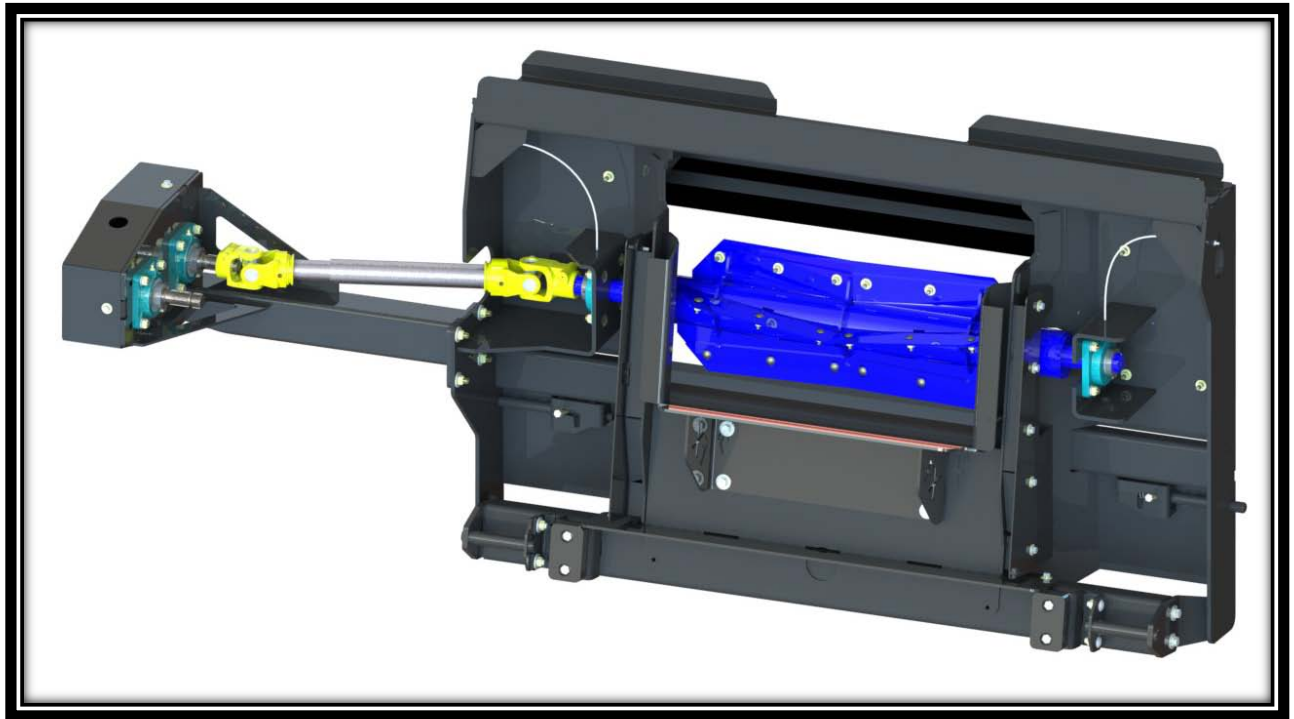# ASSEMBLY INSTRUCTIONS

KFX60 – Adapter, New Holland FX Harvester to John Deere Header

2012 Version

* PTO shield not shown for clarity. Do not operate this adapter without PTO shields.

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1-800-522-8874

Thank you for your purchase of this Kooima Company earlage adapter.

You should have received an assembled base unit (KNHBASE) and a kit containing parts to fit up to a New Holland FX-series forage harvester (KFX60). These instructions will help you assemble the kit onto the base unit.
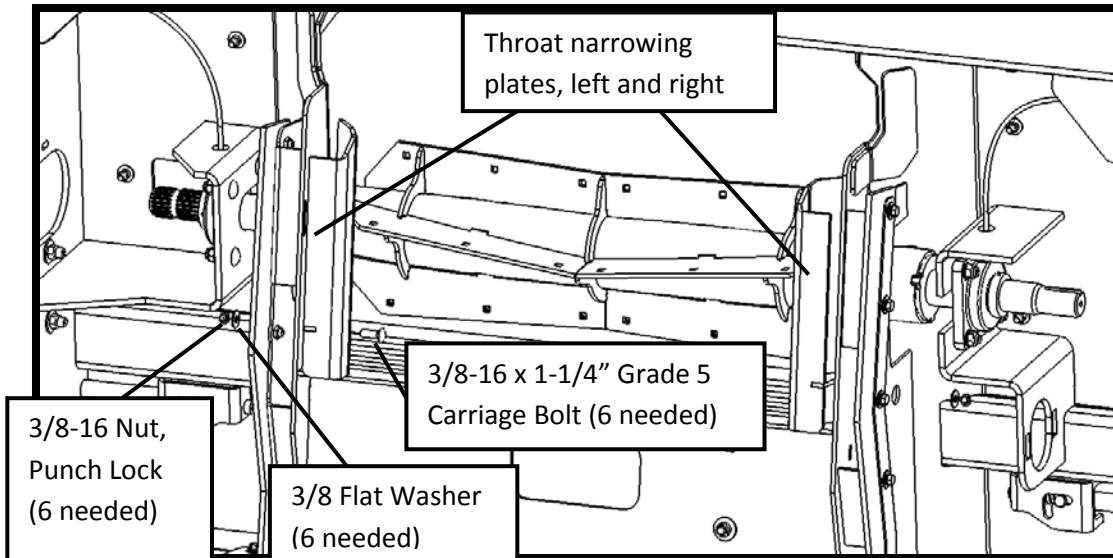
Please follow the enclosed instructions carefully to prepare your adapter for a successful and safe harvest.

When fastening bolts, please torque each bolt according to the following table, unless otherwise specified:
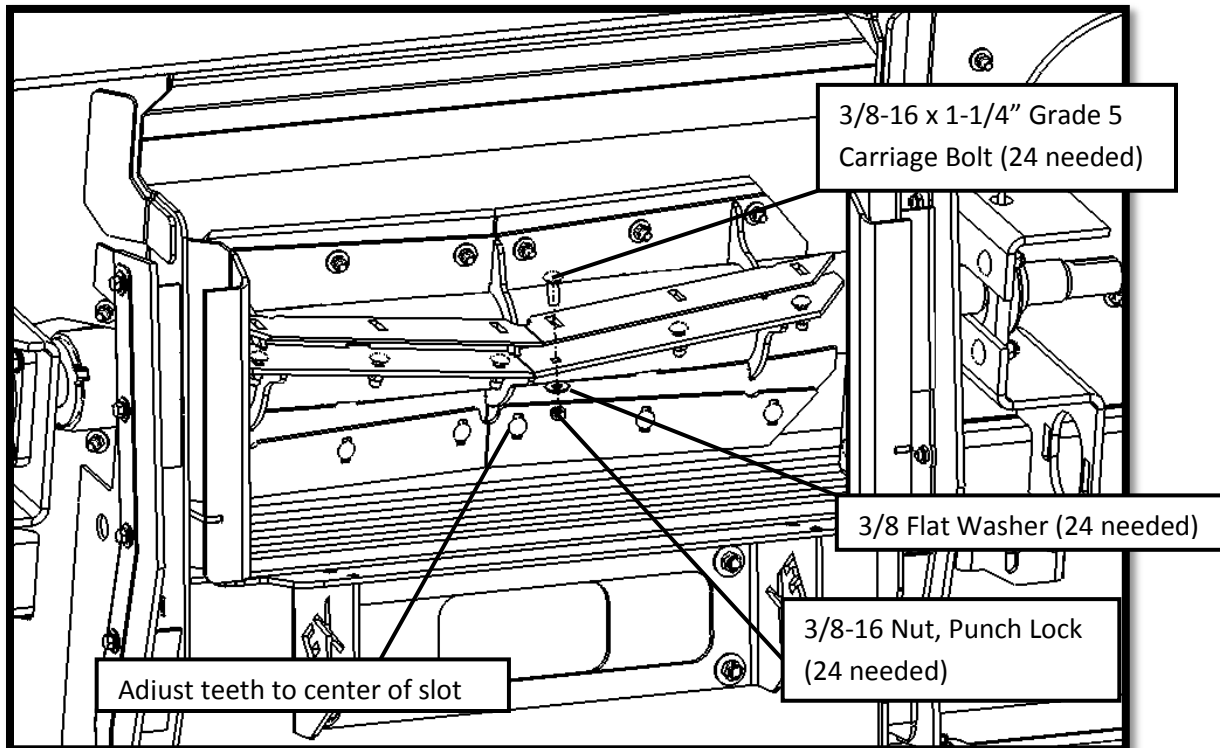
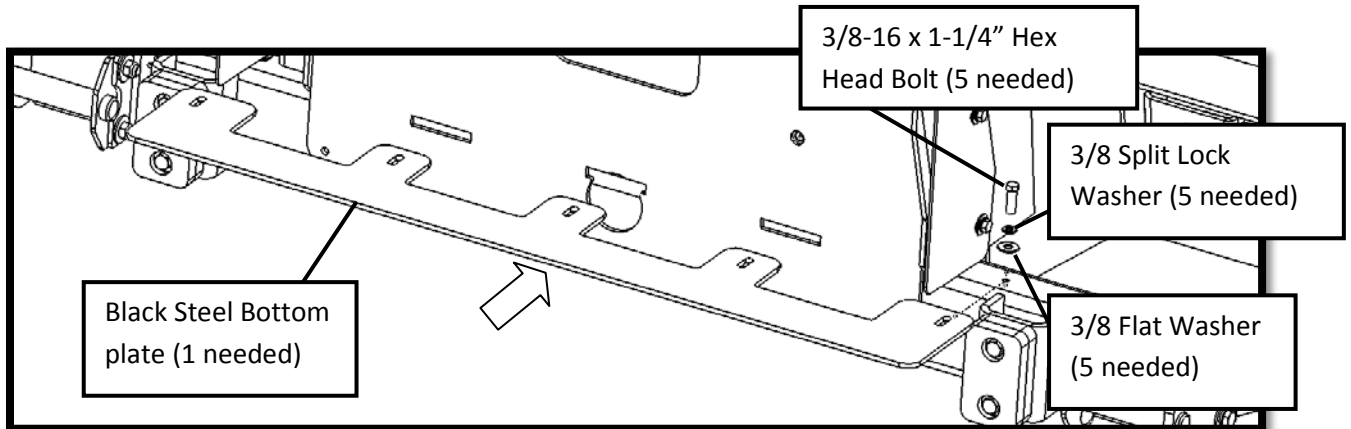| Recommended Bolt Torque [ft-lb]		
Bolt Size	Grade 5	Grade 8
3/8"	23	33
1/2"	57	80

1. Assemble the left and right throat narrowing plates as shown. Adjust in/out after hanging the adapter on the cutter.

Throat narrowing plates, left and right

3/8-16 x 1-1/4" Grade 5 Carriage Bolt (6 needed)

3/8-16 Nut, Punch Lock (6 needed)

3/8 Flat Washer (6 needed)

2. Assemble the four teeth onto the flap wheel as shown. Gloves are recommended, as the teeth are very sharp.

3/8-16 x 1-1/4" Grade 5 Carriage Bolt (24 needed)

3/8 Flat Washer (24 needed)

3/8-16 Nut, Punch Lock (24 needed)

Adjust teeth to center of slot

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3. Install the bottom, left, and right sealing plates as shown.

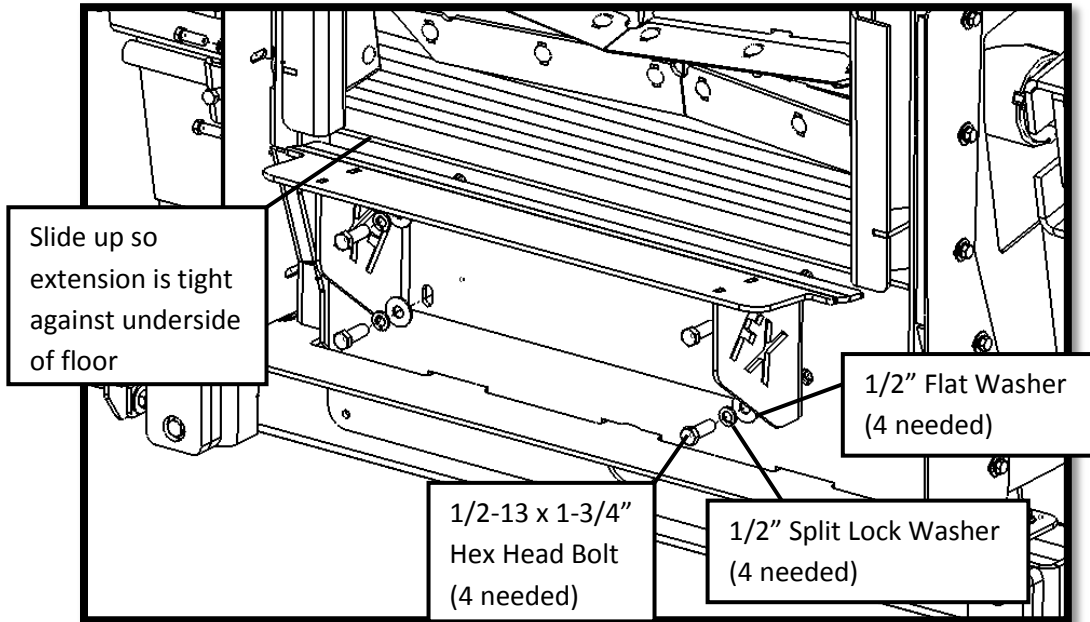Black Steel Side Plate (2 needed)

3/8 Flat Washer (10 needed)

3/8-16 x 1-1/4" Hex Head Bolt (10 needed)

3/8 Split Lock Washer (10 needed)

3/8-16 x 1-1/4" Hex Head Bolt (5 needed)

3/8 Split Lock Washer (5 needed)

Black Steel Bottom plate (1 needed)
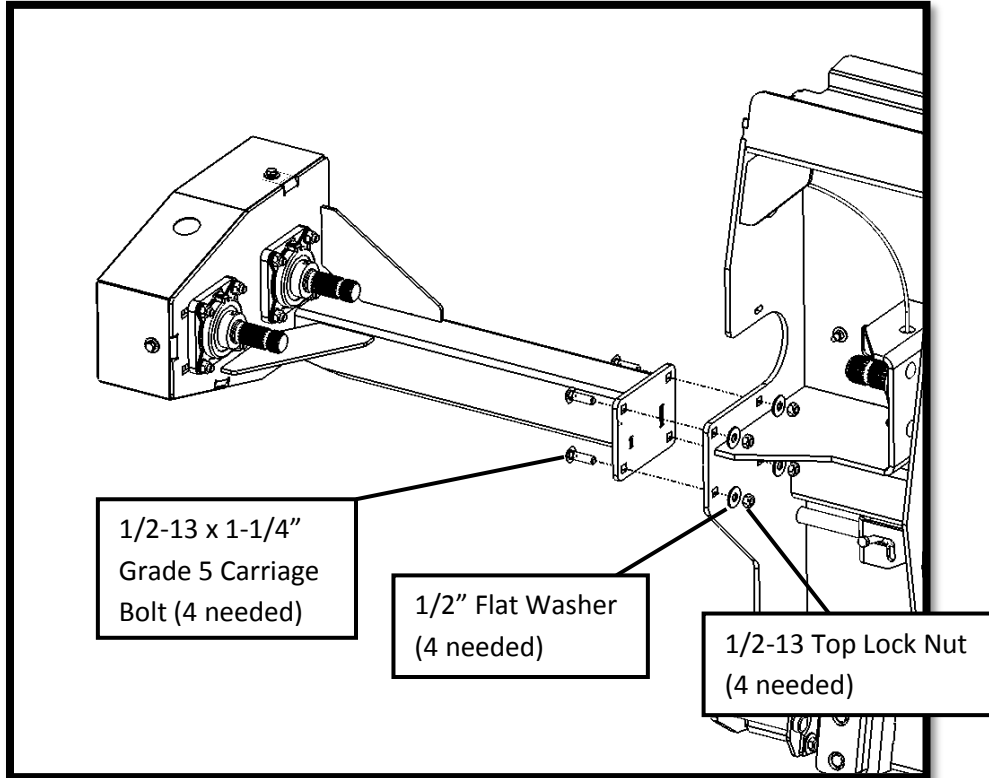
3/8 Flat Washer (5 needed)
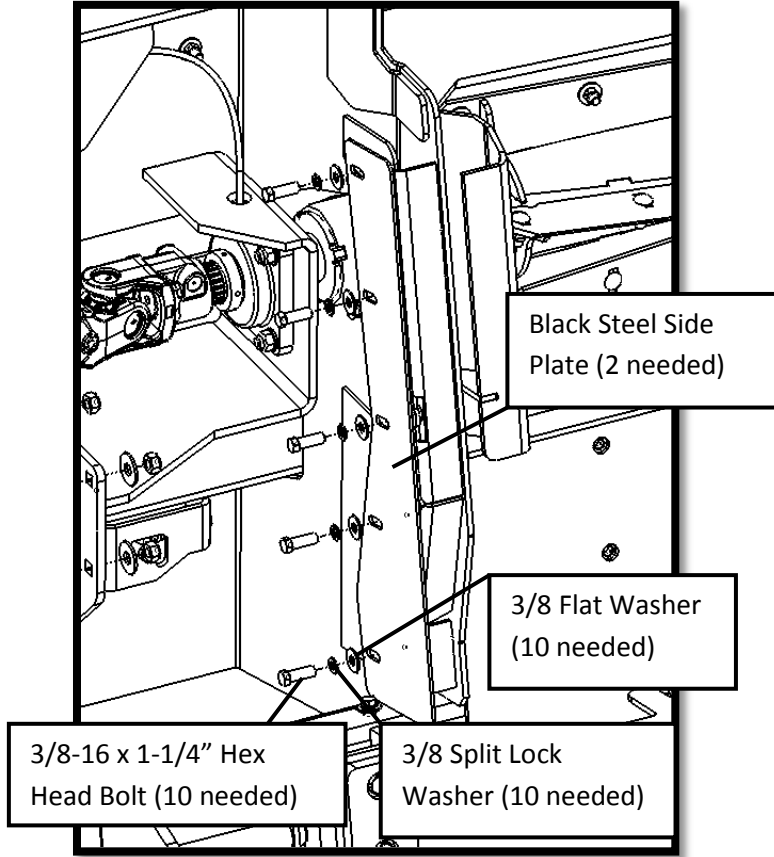
4. Install the floor extension as shown. Use LOC-TITE threadlocker or similar product to ensure the floor extension does not come loose during operation.

Slide up so extension is tight against underside of floor

1/2" Flat Washer (4 needed)

1/2-13 x 1-3/4" Hex Head Bolt (4 needed)

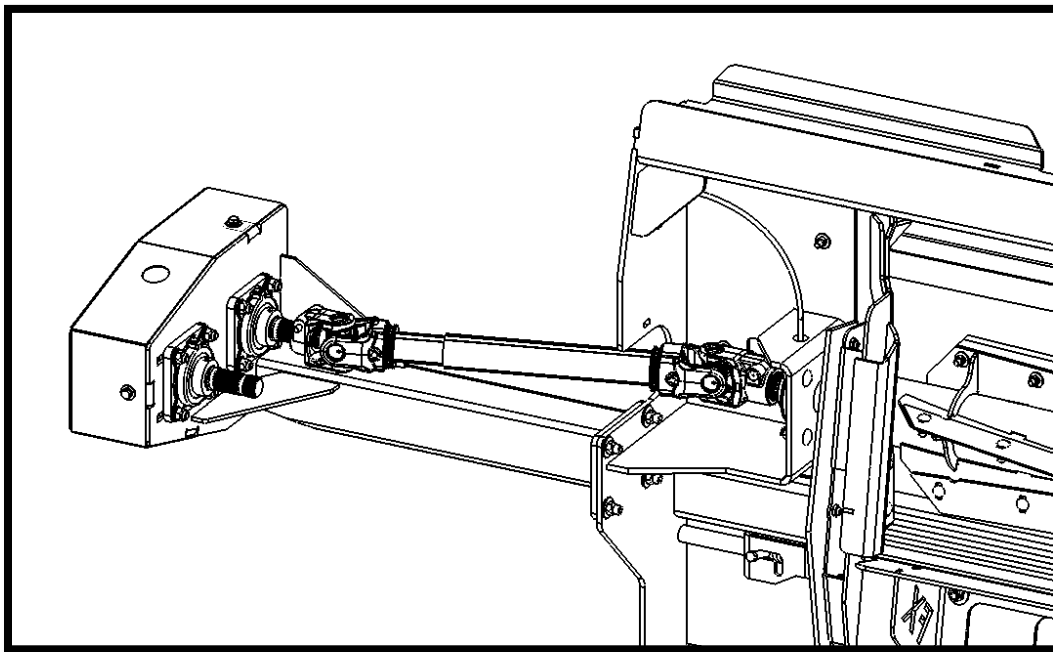1/2" Split Lock Washer (4 needed)

5. Install the spacer blocks and the latch pins as shown (left and right). Adjust the latch pin in/out to match the cutter after hanging adapter on the cutter for the first time.

1/2-13 Top Lock Nut (4 needed)

1/2-13 x 1-1/4" Grade 5 Carriage Bolt (4 needed)

Latch Pin Weldment (2 needed)

Spacer Block (4 needed)

1/2-13 x 1-3/4" Grade 8 Hex Head Bolt (4 needed)

1/2-13 x 1-3/4" Grade 8 Hex Head Bolt (4 needed)

1/2" Flat Washer (4 needed)

1/2" Lock Washer (4 needed)
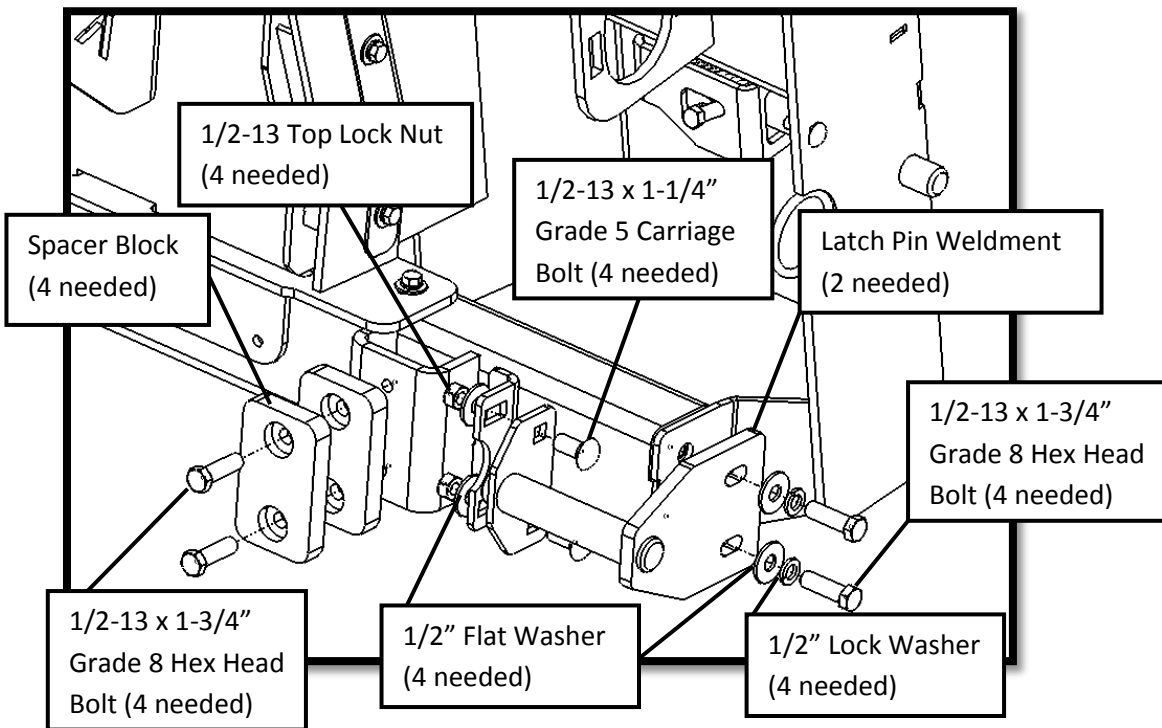
6. Install the drive transfer assembly as shown.

1/2-13 x 1-1/4"
Grade 5 Carriage
Bolt (4 needed)

1/2" Flat Washer
(4 needed)

1/2-13 Top Lock Nut
(4 needed)

7. Install the PTO shaft as shown. The PTO shield is removed for drawing clarity, DO NOT REMOVE PTO GUARD.

8. Install front shield as shown.

3/8-16 Nut, Punch Lock (4 needed)

3/8-16 x 1-1/4" Grade 5 Carriage Bolt (4 needed)

3/8 Flat Washer (4 needed)
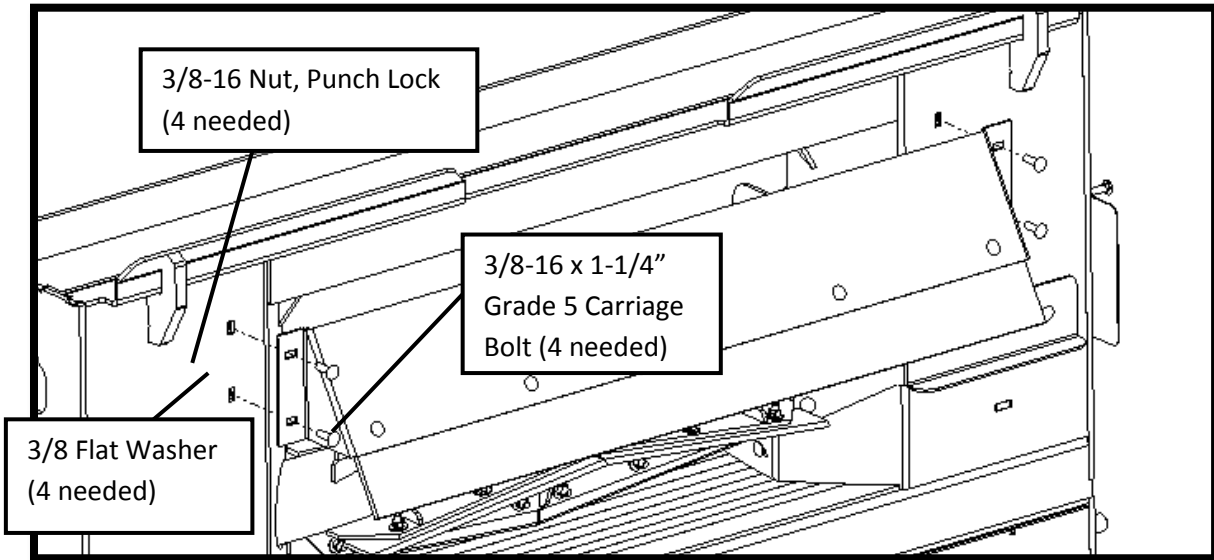
9. On your FX cutter, replace the front upper hanger bracket with the hanger bracket provided with the adapter. Be sure the Kooima bracket goes in the top three holes on the cutter.

IMPORTANT: INSTALL NEW BRACKET IN THE TOP THREE HOLES

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