

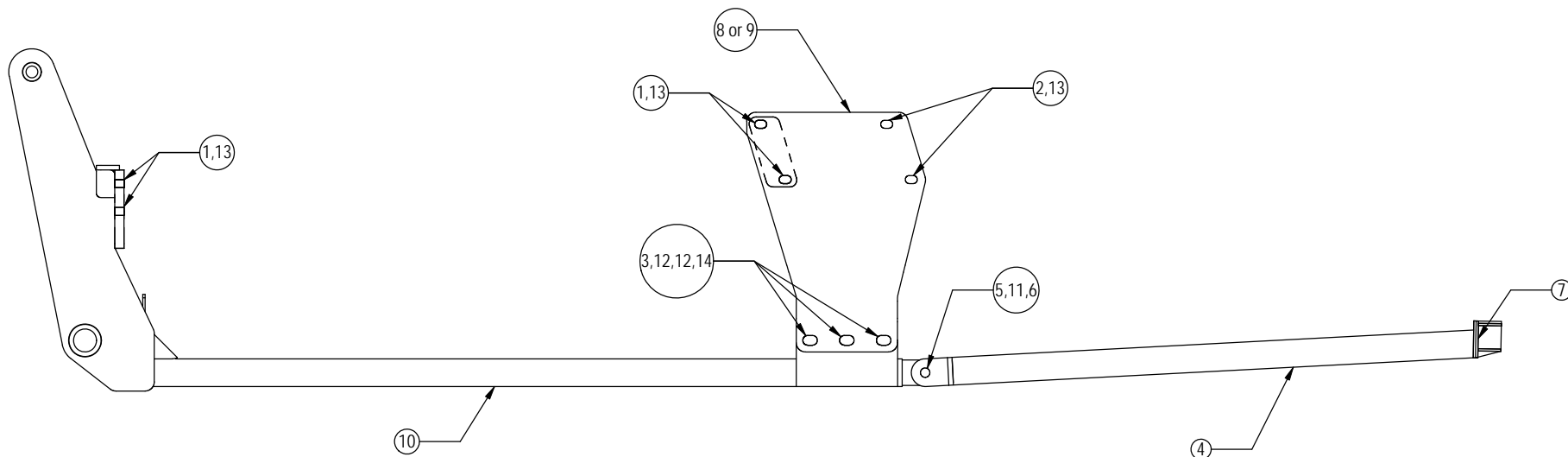


FH-400 John Deere 7030 Series - Non-Suspended Undercarriage Installation Instructions

Caution:

- Always use precaution when working around any equipment.
- Always wear safety glasses.
- Follow tractor manufacturer's safety guidelines when installing this product.
 1. Read all instructions prior to installation.
 2. Remove weights and weight bracket from front of tractor if necessary.
 3. Position the undercarriage (U/C) under the tractor and center with the frame of the tractor.
 4. Lift the U/C until the holes on the U/C line up with the front weight bracket mounting holes.
 5. At the front of the tractor, start 6 - 20mm x 70mm bolts (PN: 16-1876) with a large 3/4" washer (PN: 57-3680) on each bolt in the holes of the U/C and into the holes in the front of the tractor. See attached diagram for clarification.
 6. Attach the left and right rails to the left and right sides of the undercarriage with 3 - 1" x 2-1/2" bolts (PN: 16-20560), 6 - 1" heavy duty flat washers (PN: 57-20819), and 3 - 1" nuts (PN: 70-20599) for each side. Hand tighten only. See attached diagram for clarification.
 7. Start 2 - 20mm x 70mm bolts (PN: 16-1876) with a 3/4" ID washer (PN: 57-3680) on each bolt through the front holes of the left and right rail and the tractor frame.
 8. Start 2 - 20mm x 50mm bolts (PN: 16-1878) with a 3/4" ID washer (PN: 57-3680) on each bolt through the rear holes of the left and right rail and the tractor frame. See attached diagram for clarification.
 9. Once all bolts are installed, torque the front 20mm bolts to 432 ft-lbs., the remaining 20mm bolts to 432 ft-lbs., and all 1" bolts to 903 ft-lbs.
 10. Install push pole (PN: 17-3784) with 1" pin (PN: 43-3472), 1" flat washer (PN: 57-20749), and pin clip (PN: 43-7767). Place shims (PN: 44-7221) between rear of push pole and drawbar for tight fit.
 11. After first 8 hours of use, re-torque all bolts.
 12. Check all fasteners regularly to ensure proper operation of equipment.

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Item No.	Qty.	Part No.	Description
1	10	16-1876	20mm x 2.5mm x 70mm Metric Hex Bolt Gr 10.9
2	4	16-1878	20mm x 2.5mm x 50mm Metric Hex Bolt Gr 10.9
3	6	16-20560	1" x 2-1/2" Hex Bolt Gr 8 NC
4	1	17-3784	JD 7020, 7030 Large Frame Push Pole 60"
5	1	43-3472	1" x 3.12" Welded Pin w/ Holes and Washer
6	1	43-7767	Hitch Clip Pin
7	8	44-7221	FH-400 Push Pole Shim 1/8"
8	1	46-11669-L	JD 7030 Side Rail Left
9	1	46-11669-R	JD 7030 Side Rail Right
10	1	54-3790	FH-400 UC JD 7020, 7030 Large Frame
11	1	57-20749	1" Flat Washer
12	12	57-20819	1" Flat Washer Heavy Duty Gr 8 (USS)
13	14	57-3680	2.00" OD x .75" ID x .375" Thick CZ Plating
14	6	70-20599	1" Hex Nut Gr 8 NC



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TITLE: FH-400 U/C
 JD 7030 Non-Suspended

Date: 2/25/2008

DWG. NO.: 11670