



# FH-400 John Deere 4000 Series

## Undercarriage Installation Instructions

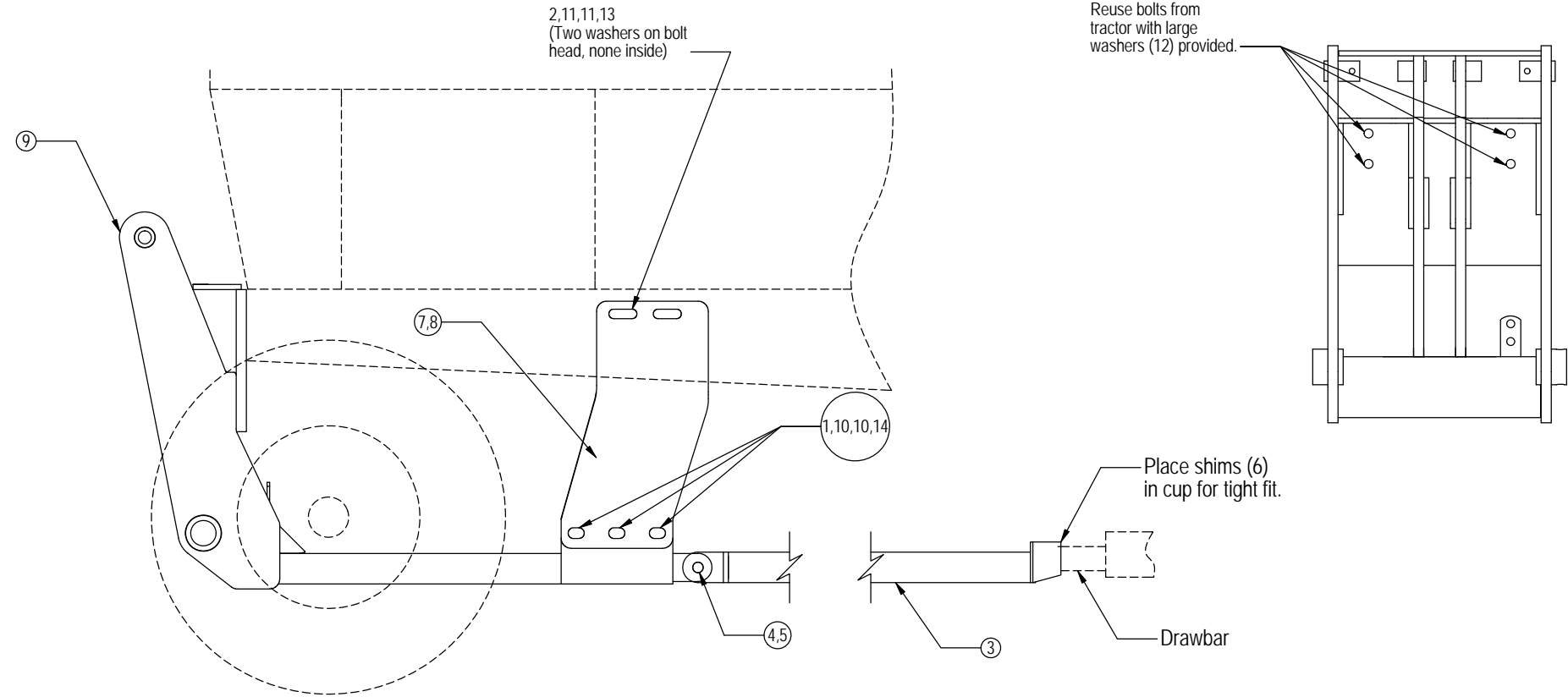
### **Caution:**

- 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 front weight bracket holes on the tractor line up with the front holes on the U/C.
  5. At the front of the tractor, use the 4 previously removed weight bracket bolts along with a large 3/4" washer (PN: 57-3680) on each bolt to attach the U/C to the front of the tractor. See attached diagram for any clarification.
  6. Start 2 - 5/8" carriage bolts (PN: 16-21188) with 2 - 5/8" flat washers (PN: 57-20816) on each bolt through the top two holes of the left and right side rails (PN: 43-3925) into the holes of the tractor. After bolts are through the holes, add a 5/8" nut (PN: 70-20586) on each bolt.
  7. Secure the right and left side rails to the U/C with 3 - 1" bolts (PN: 16-20560), 6 - 1" heavy duty flat washers (PN: 57-20819), and 3 - 1" nuts (PN: 70-20599) for each side of the U/C.
  8. Once all bolts are installed, torque the front 20mm bolts to 300 ft-lbs., all 5/8" bolts to 154 ft-lbs., and all 1" bolts to 903 ft-lbs.
  9. Lift the push pole up. Put the end cap of the push pole over the drawbar. With the push pole tight against the drawbar, measure the distance between the ear hole of the push pole and the ear hole of the U/C.
  10. Take the push pole down and add shims (PN: 44-7221) to provide the extra length needed to line up the ear hole of the push pole with the ear hole of the U/C to attach the push pole.


**Note: Adjust drawbar if drawbar is not in the right location and more length is needed.**
  11. Attach push pole to the U/C with 1" pin (PN: 43-3472) and hitch pin clip (PN: 43-7767).
  12. After first 8 hours of use, re-torque all bolts.
  13. Check all fasteners regularly to ensure proper operation of equipment.

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REVISIONS:



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	6	16-20560	1" X 2-1/2" Hex Bolt Gr.8 NC
2	4	16-21188	5/8" X 2" Carriage Bolt
3	1	17-8596	JD 4000 Push Pole
4	1	43-3472	1" Pin w/ Holes and Washer
5	1	43-7767	Hitch Pin Clip
6	8	44-7221	Push Pole Shim
7	1	46-3925-L	Left Rail
8	1	46-3925-R	Right Rail
9	1	54-8590	Undercarriage
10	12	57-20819	1" Flat Washer Heavy Duty Gr. 8 (USS)
11	8	57-20816	5/8" Flat Washer
12	4	57-3680	3/4" ID x 2" OD x 3/8" Heavy Washer
13	4	70-20586	5/8" Hex Nut Gr. 5 NC
14	6	70-20599	1" Hex Nut Gr. 8 NC

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		<b>JD 4000 Undercarriage 54-9555R3</b>	
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