



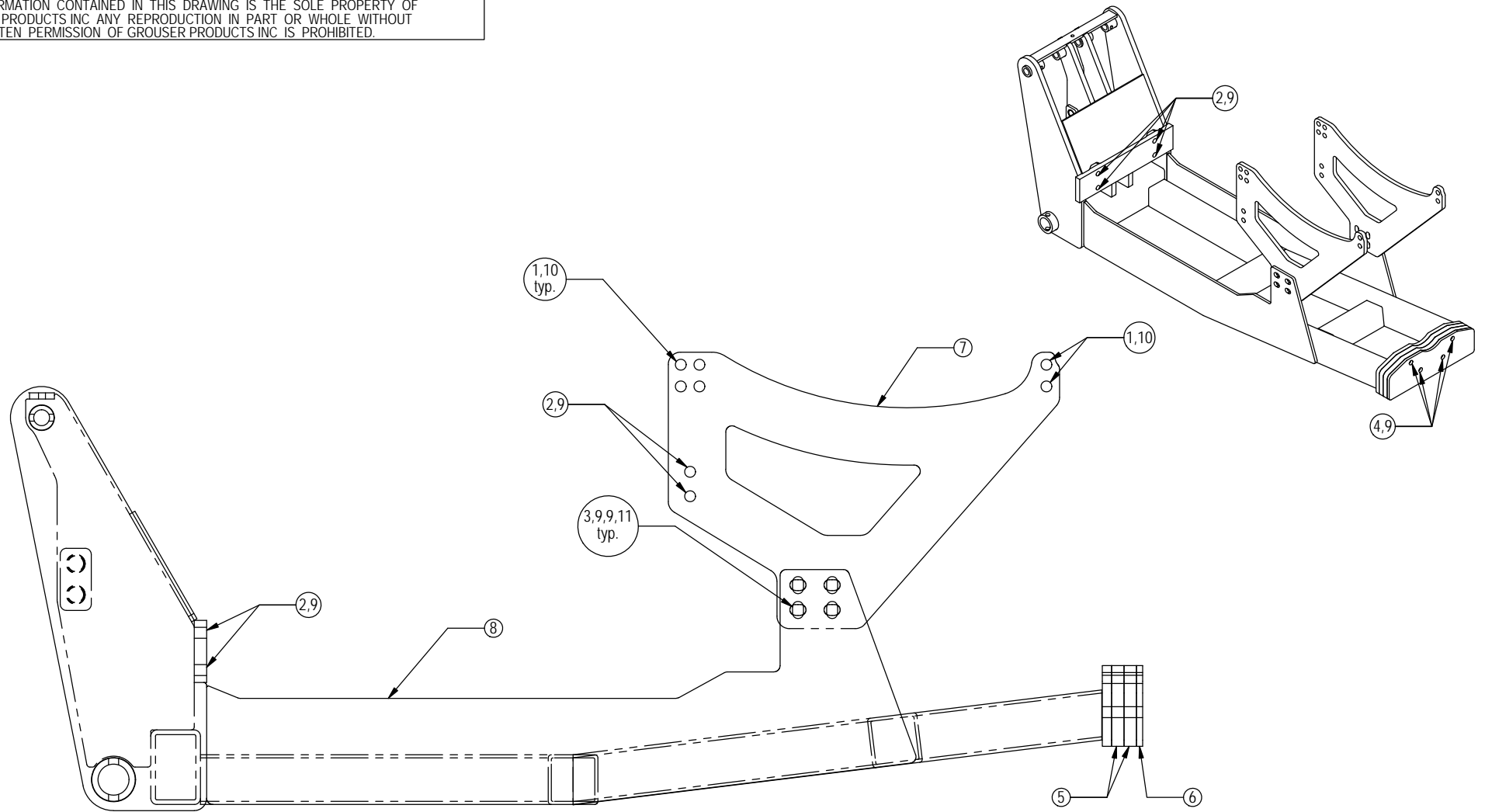
FH-400 John Deere 8RT (modified) - IT4

Undercarriage Installation Instructions

Caution:

- Always use precaution when working around any equipment.
- Always wear safety glasses.
- Follow tractor manufacture'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 tractor line up with the U/C holes.
 5. At the front of the tractor, use 4 - 20mm x 70mm bolts (PN: 16-1876) with a 3/4" washer (PN: 57-20747) on each bolt to attach the U/C to the front of the tractor. See attached diagram for clarification.
 6. Raise rear of undercarriage until holes on the tractor line up with the U/C holes.
Be sure that the U/C is tight against the tractor.
 7. Attach rear of U/C to tractor with 2 - 1" spacers (PN: 44-16768), 1 - 1/2" Spacer (PN: 44-16769), 4 - 20mm x 130mm bolts (PN: 16-2490) with a 3/4" washer (PN: 57-20747) on each bolt.
 8. Attach the left and right side rails (PN: 44-16771) to the left and right sides of the U/C with 4 - 3/4" x 2-1/4" bolts (PN: 16-20219), 8 - 3/4" flat washers (PN: 57-20747), and 4 - 3/4" nuts (PN: 70-20607) for each side rail. See attached diagram for clarification.
 9. Start 6 - 16mm x 75mm bolts (PN: 16-1620075) with a 16mm flat washer (PN: 57-20825) on each bolt through the top holes of the left and right rail and the tractor frame. See attached diagram for clarification.
 10. Start 2 - 20mm x 70mm bolts (PN: 16-1876) with a 3/4" flat washer (PN: 57-20747) on each bolt through the lower two holes of the left and right rail and the tractor frame. See attached diagram for clarification.
 11. Once all bolts are installed, torque all 20mm bolts to 432 ft-lbs., all 16mm bolts to 269 ft-lbs., and all 3/4" bolts to 257 ft-lbs.
 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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Item No.	Qty.	Part No.	Description
1	12	16-1620075	16mm x 2.00mm x 75mm Metric Hex Bolt Gr. 10.9
2	8	16-1876	20mm x 2.5mm x 70mm Metric Hex Bolt Gr. 10.9
3	8	16-20219	3/4" x 2-1/4" Hex Bolt Gr. 5 NC
4	4	16-2490	20mm x 2.5mm x 130mm Metric Hex Bolt Gr. 10.9
5	2	44-16768	8RT - IT4 Rear 1" Spacer Plate
6	1	44-16769	8RT - IT4 Rear 1/2" Spacer Plate
7	2	44-16771	FH-400 8RT - Side Rail
8	1	54-16770	FH-400 UC JD 8RT Tier 4-modified
9	28	57-20747	3/4" Flat Washer
10	12	57-20825	16mm Flat Washer
11	8	70-20607	3/4" Hex Center Lock Nut Gr. 5 NC



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TITLE: FH-400 JD 8RT Tier 4 U/C

Date: 5/15/2013

DWG. NO.: 16770-A