



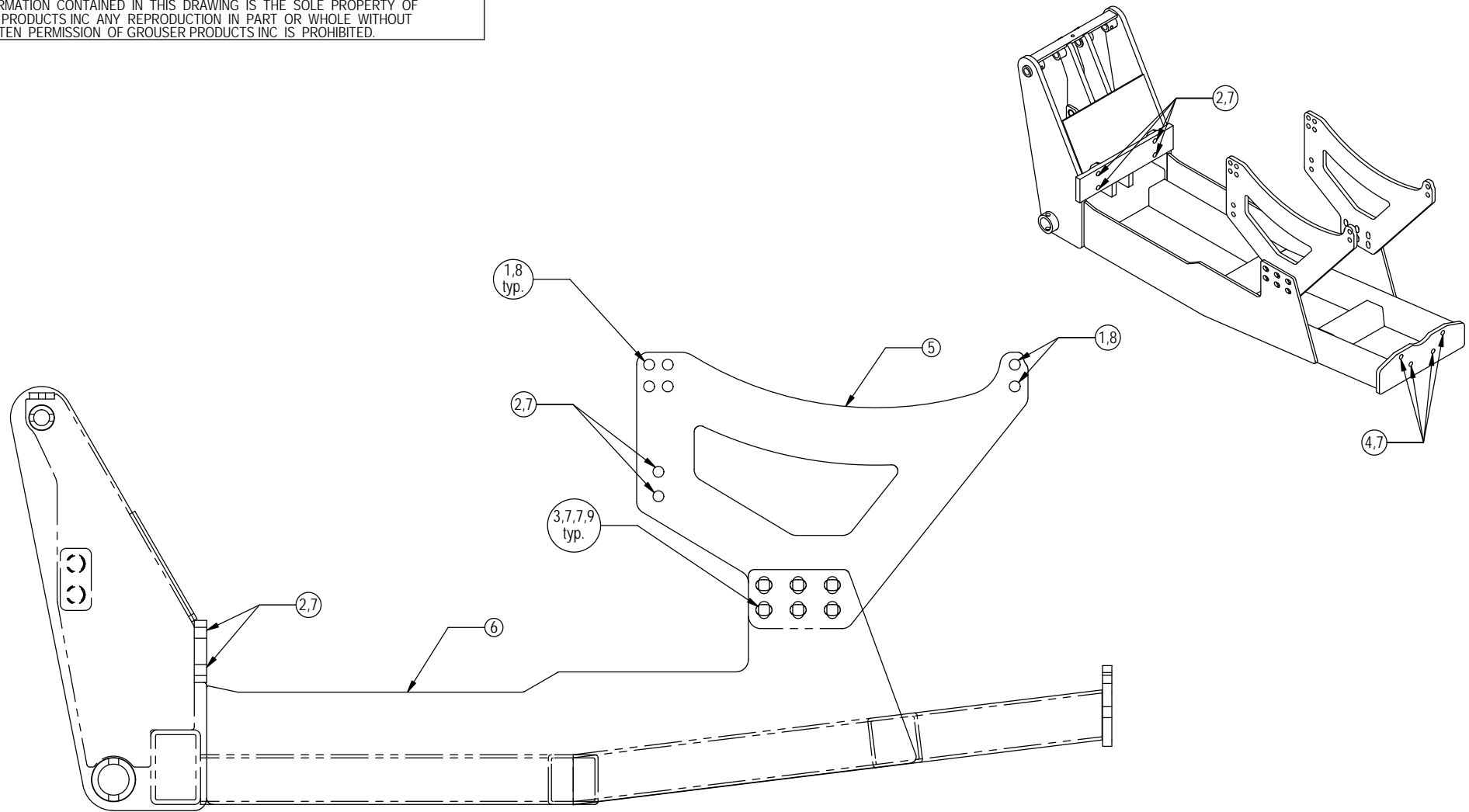
FH-400 John Deere 8RT - Tier 3

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 4 - 20mm x 60mm bolts (PN: 16-2487) with a 3/4" washer (PN: 57-20747) on each bolt.
 8. Attach the left and right side rails (PN: 44-14865) to the left and right sides of the U/C with 6 - 3/4" x 2-1/4" bolts (PN: 16-20219), 12 - 3/4" flat washers (PN: 57-20747), and 6 - 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	12	16-20219	3/4" x 2-1/4" Hex Bolt Gr. 5 NC
4	4	16-2487	20mm x 2.5mm x 60mm Metric Hex Bolt Gr. 10.9
5	2	44-14865	FH-400 8RT - Side Rail
6	1	54-11750	FH-400 UC JD 8030T/8RT Tier 3 Series
7	36	57-20747	3/4" Flat Washer
8	12	57-20825	16mm Flat Washer
9	12	70-20607	3/4" Hex Center Lock Nut Gr. 5 NC



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TITLE: FH-400 JD 8RT Tier 3 U/C

Date: 3/27/2013

DWG. NO.: 16765-A