



# 6X00 John Deere 9030 Series

## Undercarriage Installation Instructions

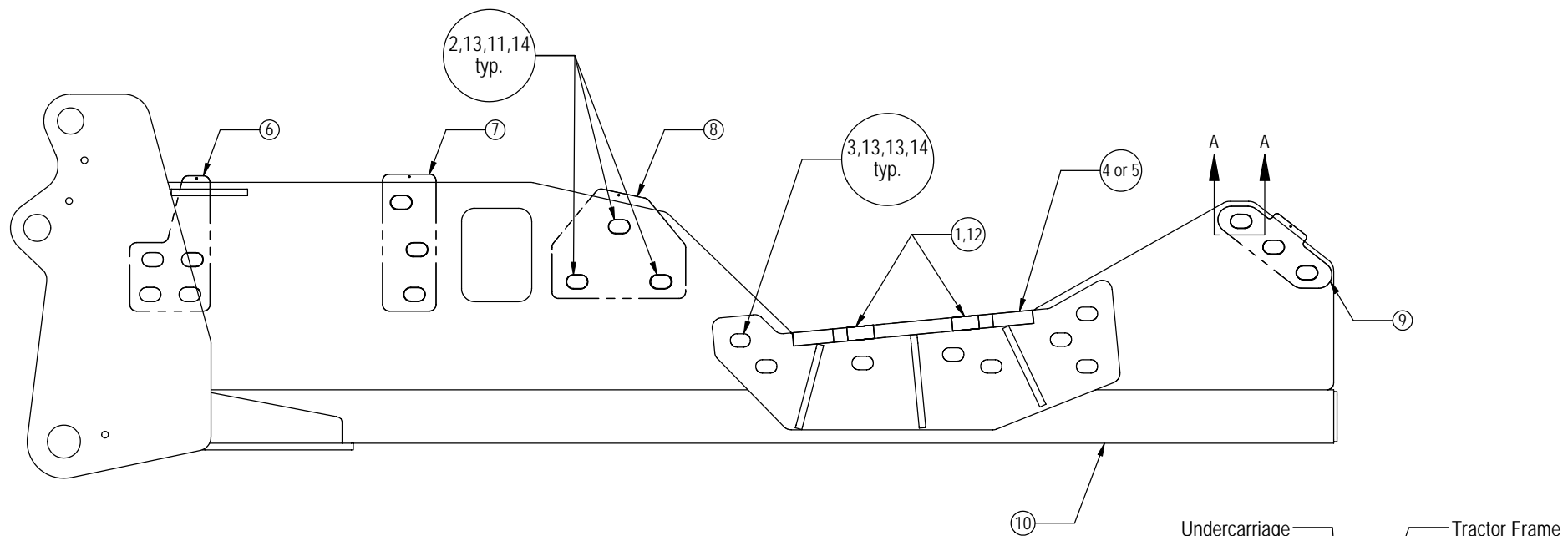
### **Caution:**

- 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 performing installation.
  2. If applicable, remove front weights, weight bracket, toolbox, and front axle brace from front of tractor.
  3. Attach the left and right axle brackets (PN: 18-13345-R,L) to the axle with 6 - 24mm X 150mm bolts (PN: 16-1875) and 6 - axle mount washers (PN: 57-3098) into the vertical holes on each side. Finger tighten the 24mm bolts until the brackets are against the axle. Slide the brackets outward away from center of tractor to allow room to install the undercarriage.

**NOTE: Some tractors only have 4 holes in the axle. The installation instructions are still compatible, but only use 4 bolts and washers instead of 6 in Step #3.**
  4. Position undercarriage (U/C) under tractor, center on the frame of the tractor. Lift U/C until holes in U/C line up with holes in the side of the tractor frame.

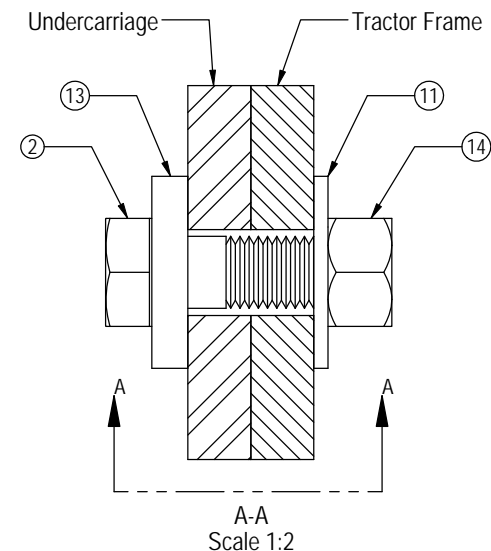
**NOTE: Add spacers between the U/C and the tractor frame if necessary. See attached diagram for the proper location and orientation of each spacer.**
  5. Install 13 - 7/8" X 2-1/2" bolts (PN: 16-20540) with a 7/8" heavy washer (PN: 57-3681) on each bolt through the holes on each side of the U/C and the tractor frame. See attached diagram for any clarification.
  6. After all the bolts are through the tractor frame, attach with a 7/8" heavy flat washer (PN: 57-20818) and a 7/8" nut (PN: 70-20598) on each bolt.
  7. Slide the axle brackets toward the center of the tractor and attach the left and right axle brackets to the U/C with 8 - 7/8" X 3" bolts (PN: 16-20542) with a 7/8" heavy washer (PN: 57-3681) on each bolt.
  8. After all the bolts are through the U/C holes, attach with a 7/8" heavy washer (PN: 57-3681) and a 7/8" nut (PN: 70-20598) on each bolt.
  9. Torque the 24mm bolts to 909 ft-lbs.
  10. Torque the 7/8" bolts on the axle bracket to 350 ft-lbs. and then torque the remaining 7/8" bolts to 350 ft-lbs.
  11. After first 8 hours of use, re-torque all bolts.
  12. Check all fasteners regularly to ensure proper operation of equipment.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GROUSER PRODUCTS INC ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF GROUSER PRODUCTS INC IS PROHIBITED.



Note: Install all bolts before tightening.  
Item #A for 6200 and #B for 6500 Undercarriage.

Item No.	Qty.	Part No.	Description
1	12	16-1875	24mm x 3.0mm x 150mm Metric Hex Bolt Gr. 10.9
2	26	16-20540	7/8" x 2-1/2" Hex Bolt Gr 8 NC
3	16	16-20542	7/8" x 3" Hex Bolt Gr 8 NC
4	1	18-13345-L	6X00 JD 9030W Axle Bracket Left
5	1	18-13345-R	6X00 JD 9030W Axle Bracket Right
6	4	44-11846	6X00 - JD 9030 - Shim Plate - Front
7	4	44-11847	6X00 - JD 9030 - Shim Plate - Mid-Front
8	4	44-11848	6X00 - JD 9030 - Shim Plate - Mid-Rear
9	4	44-11849	6X00 - JD 9030 - Shim Plate - Rear
10A	1	54-13290	6200 UC JD 9030 Series
10B	1	54-12130	6500 UC JD 9030 Series
11	26	57-20818	7/8" Flat Washer Heavy Duty Gr. 8 (USS)
12	12	57-3098	2.50" O.D. x 1.05" I.D. x .50" Washer CZ Plated (JD Axle Washer)
13	58	57-3681	2.25" O.D. x .875" I.D. x .375" Washer CZ Plated (JD Axle Washer)
14	42	70-20598	7/8" Nex Nut Gr 8 NC



**GROUSER PRODUCTS INC.**

755 2nd Ave NW Phone 701.282.7710  
West Fargo, ND 58078 Fax 701.282.8131  
WWW.GROUSER.COM

TITLE: 6X00 UC JD 9030 Series Assy.

Date: 3/13/2008

DWG. NO.: 13290-A