



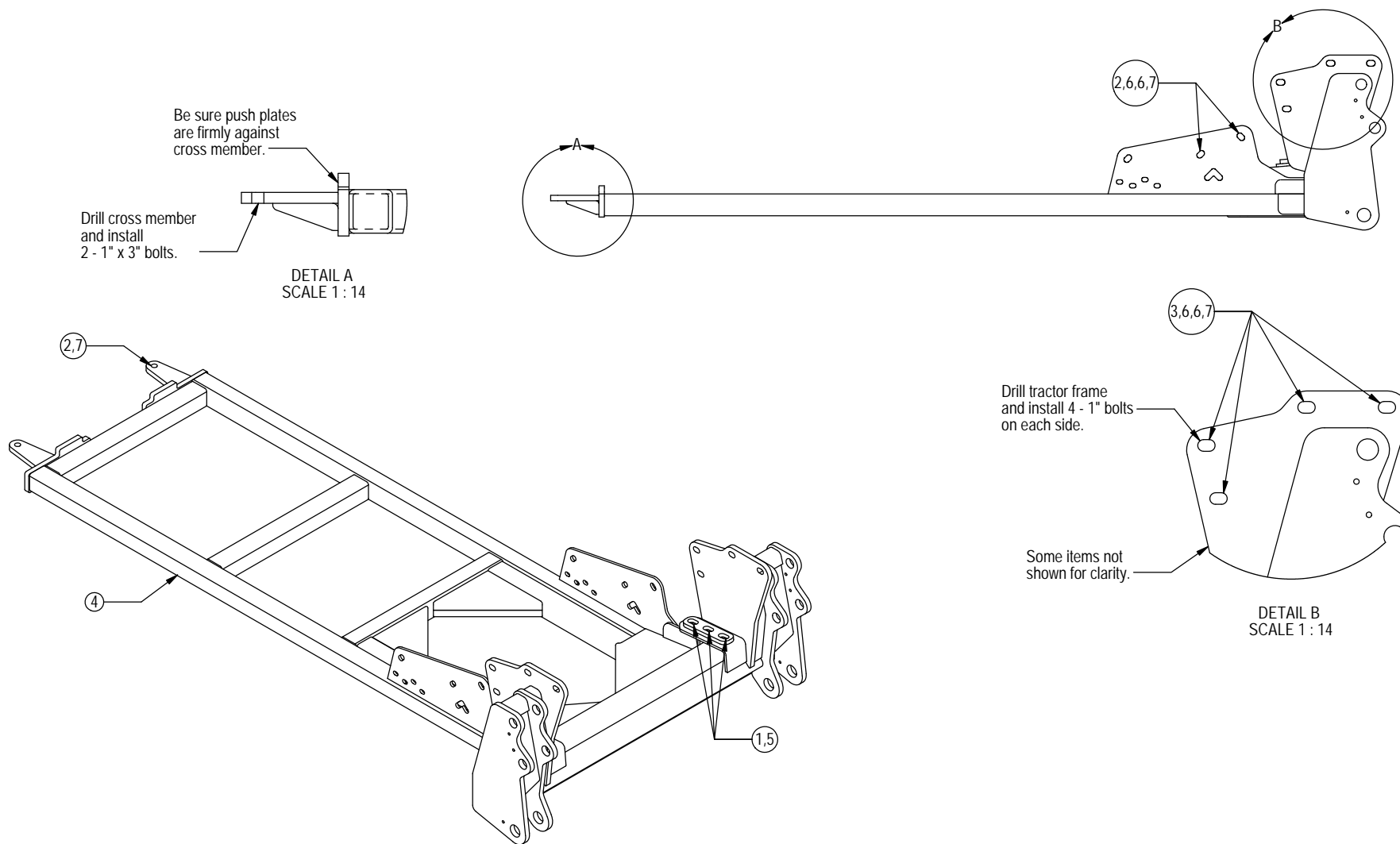
660 Case STX 480-535 Wheeled & NH TJ 480-530 & T9050-9060 Undercarriage Installation Instructions

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 existing toolboxes and tow cable holder if equipped.
 3. Remove the bottom 2 bolts from the front nose casting on each side of the tractor for undercarriage (U/C) clearance.
 4. Insert 6 - 20mm x 90mm bolts (PN: 16-1510) with a 0.91" ID heavy washer (PN: 57-11659) on each of the bolts into the front vertical slots at the front of the U/C. See attached diagram for clarification.
Caution: When lifting the undercarriage, be aware of the 20mm x 90mm bolts so that you do not damage the threads.
 5. Position the undercarriage under tractor and center on the frame of the tractor. Lift U/C to within 3/4" of touching the tractor frame.
 6. Push the U/C back until the vertical push plates are firmly against the cross member. Clamp the rear mounting ears to the cross member to prevent movement of the U/C.
 7. Insert the 20mm x 90mm bolts (PN: 16-1510) with washers from Step #4 into the tractor frame. Tighten until frame is tight vertically.
 8. Reinstall the front nose casting bolts removed in Step #3.
 9. Verify that the rear mounting ears and the vertical push plates are firmly against the cross member.
 10. Using the two holes in the ears as guides, drill 2 - 1" holes through the cross member and install 2 - 1" x 3" bolts (PN: 16-20562) with a 1" nut (PN: 70-20599) on each bolt. Tighten finger tight.
 11. Using the U/C as a guide, drill the 8 - 1" holes through the side of the tractor frame.
Caution: When drilling, be aware of all parts behind the material being drilled so that you do not mistakenly hit or puncture components on engine side of tractor frame.
 12. Attach the side plates of the U/C to the tractor frame with 2 - 1" x 3" bolts (PN: 16-20562), 4 - 1" heavy washers (PN: 57-3682), and 2 - 1" nuts (PN: 70-20599) on each side of the U/C. See attached diagram for clarification.
 13. Insert 4 - 1" x 3-1/2" bolts (PN: 16-20564) with a 1" heavy washer (PN: 57-3682) on each bolt into the 4 side holes on each side of the U/C and the drilled holes in the tractor frame. See attached diagram for clarification.

- 14.** After all 8 bolts are through the tractor frame, attach with a 1" heavy washer (PN: 57-3682) and 1" nut (PN: 70-20599) on each bolt.
- 15.** Once all bolts have been installed, torque the two rear ear 1" bolts to 903 ft·lbs.
- 16.** Torque the 6 - 20mm front vertical bolts to 432 ft·lbs., and the remaining 1" bolts to 903 ft·lbs.
- 17.** After first 8 hours of use, re-torque all bolts.
- 18.** 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.



Item No.	Qty.	Part No.	Description
1	6	16-1510	20mm x 2.5mm x 90mm Metric Hex Bolt Gr 10.9
2	6	16-20562	1" X 3" Hex Bolt Gr 8 NC
3	8	16-20564	1" X 3-1/2" Hex Bolt Gr 8 NC
4	1	54-13100	660 STX / TJ 480 / 535 Quad and Wheeled UC
5	6	57-11659	0.91" ID x 2.50" OD x 0.50" Thick CZ Plated - Trimmed Washer
6	24	57-3682	1.00" ID x 2.50" OD x 0.375" Heavy Washer CZ Plated
7	14	70-20599	1" Hex 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 660 - STX 480 - 535 Wheeled, TJ 480, 530 & T9050 & T9060		DWG. NO. 13100-A
Date: 11/7/2011	Scale: 1:28	Sheet: 1