



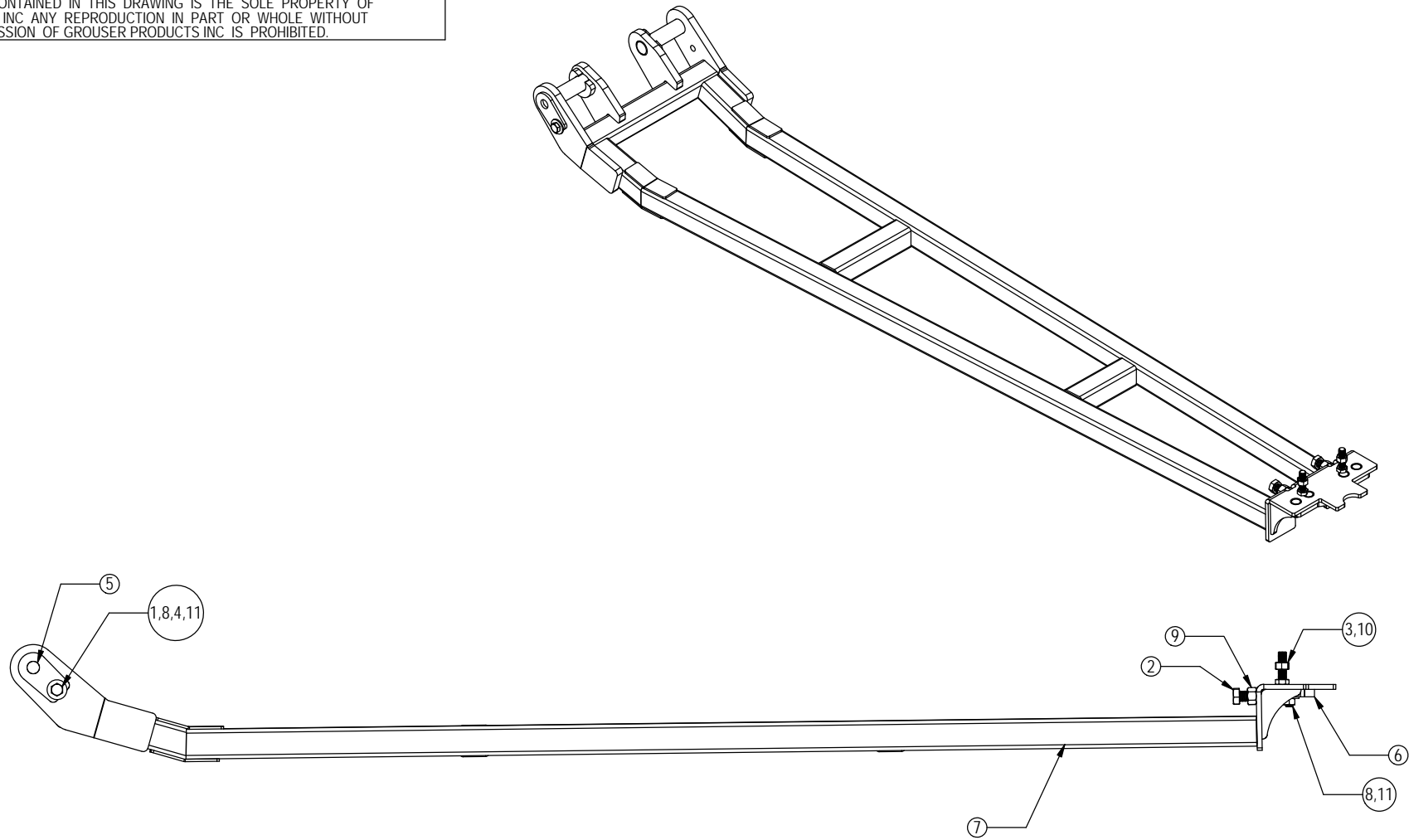
# Fendt 800 Tier 4 Interim

## 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. Install the 2 - 1" x 3" bolts (PN: 16-20562) and 2 - 1" nuts (PN: 70-20589) at the rear of the support frame. See attached diagram for clarification. Tighten bolts only till the end of the bolt is flush with the welded nut on the support frame.
  3. Attach the push plate (PN: 44-15650) to the rear of the support frame with 4 - 3/4" flat washers (PN: 57-20747) and 4 - 3/4" nuts (PN: 70-20607). The round edge should be towards the open back of the support frame. Push the push plate towards the front of the front support up against the 1" bolts installed in the previous step. ONLY finger tighten the nuts for now. See attached diagram for clarification on orientation of the push plate.
  4. Insert 2 - 20mm x 70mm bolts (PN: 16-1876) with 2 - 20mm nuts (70-20872-10) on each bolt into the 2 threaded holes in the tractor right in front of the drawbar. Turn in as far as possible so they are not in the way of installing the support frame.
  5. Position the support frame under the tractor with the front ears towards the front of the tractor and center with the frame of the tractor.
  6. Lift the rear of the support frame so the rear plate sets inside and on top of the drawbar bracket.
  7. Support the front linkage frame and remove the pins that hold the frame to the tractor.
  8. Lift the front of the support frame.
  9. Once the ears are aligned with the ears on the tractor frame and the front linkage frame, insert a pin (PN: 43-16813) on each side.
  10. Once the pins are in place, insert a spacer (PN: 19-13515) in the open space between the legs of the pin heads. Insert a 3/4" bolt (PN: 16-20220) with a 3/4" flat washer (PN: 57-20747) through each spacer and the hole on the U/C. See attached diagram for any clarification.
  11. After the bolts are in, install a 3/4" nut (PN: 70-20607) on each bolt.
  12. Torque the front 3/4" bolts to 257 ft-lbs.
  13. Tighten the 1" bolts to push the push plate up tight against the tractor casting. Torque the 1" bolts to 90-95 ft-lbs.
  14. Tighten the 3/4" nuts up tight against the rear plate on the support frame. Use the nuts to lock the push plate in place.
  15. Torque the 3/4" bolts to 257 ft-lbs.
  16. Unscrew the 20mm bolts from Step #4 till they are tight against the top rear plate of the support frame. Tighten the 20mm nuts tight against the tractor frame. Use the 20mm nuts to lock the bolts in place.
  17. Verify that the tires will not hit the support frame when fully turned and that the axle will not hit the support frame when fully suspended.
  18. After the first 8 hours of use, re-torque all bolts.
  19. 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	2	16-20220	3/4" x 2-1/2" Hex Bolt Gr 5 NC
2	2	16-20562	1" x 3" Hex Bolt Gr 5 NC
3	2	16-1876	20mm x 2.5mm x 70mm Metric Hex Bolt Gr 10.9 ZC
4	2	19-13515	3/4" ID - Non Rotating Pin Spacer Bushing
5	2	43-16813	Fendt 800 Pin
6	1	44-15650	Fendt 800 (Tier 4) Push Plate
7	1	54-15645	Fendt 800 (Tier 4) Undercarriage
8	6	57-20747	3/4" Flat Washer
9	2	70-20589	1" Hex Nut
10	2	70-20872-10	20mm Hex Nut 2.5 Pitch Class 10 Zinc
11	6	70-20607	3/4" Hex Center Lock Nut



**GROUSER PRODUCTS INC.**

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

TITLE: Fendt 800 (Tier 4i) UC

Date: 4/10/2012 DWG. NO.: 15645-A