



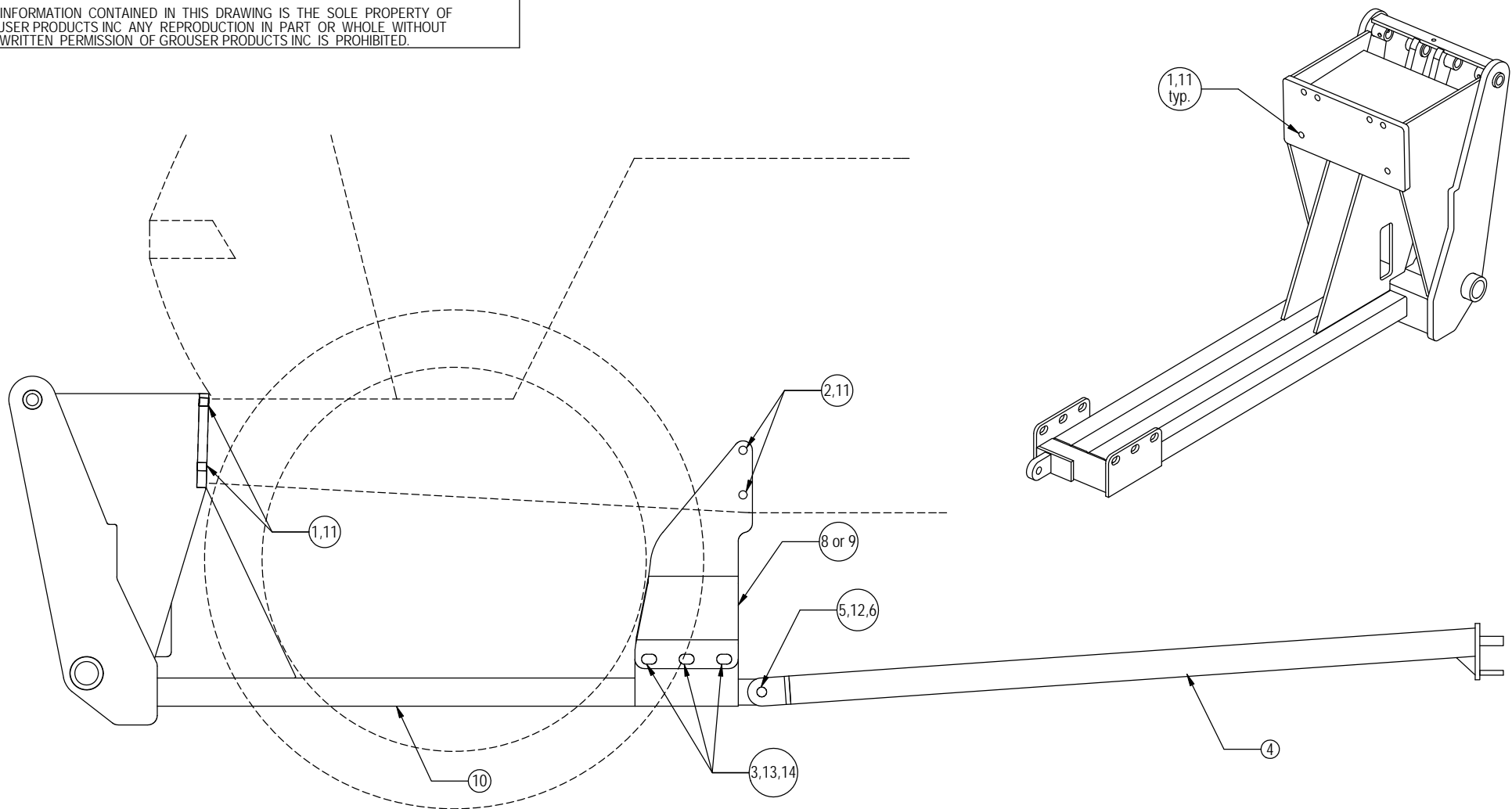
FH-400 McCormick ZTX Series

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 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 holes on the U/C.
 5. At the front of the tractor, use 6 - 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 any clarification.
 6. Torque the 20mm bolts to 432 ft-lbs.
 7. Attach the right rail (PN: 46-11507-R) to the right side of the undercarriage with 3 - 1" bolts (PN: 16-20560), 6 - 1" heavy duty flat washers (PN: 57-20819), and 3 - 1" nuts (PN: 70-20599).
 8. Attach the left rail (PN: 46-11507-L) to the left side of the undercarriage with 3 - 1" bolts (PN: 16-20560), 6 - 1" heavy duty flat washers (PN: 57-20819), and 3 - 1" nuts (PN: 70-20599).
 9. Start 2 - 20mm x 50mm bolts (PN: 16-1878) with a 3/4" flat washer (PN: 57-20747) on each bolt in the top holes of the left and right rails and the tractor frame. See attached diagram for any clarifications.
 10. Once all bolts are installed, torque all 20mm bolts to 432 ft-lbs. and all 1" bolts to 903 ft-lbs.
 14. Lift the push pole up. Put the end cap of the push pole over the drawbar. With the push pole tight against the drawbar, measure the distance between the ear hole of the push pole and the ear hole of the U/C.
 15. Take the push pole down and add shims (PN: 44-7221) to provide the extra length needed to line up the ear hole of the push pole with the ear hole of the U/C to attach the push pole.
 16. Lift the push pole up again and attach to the U/C with the 1" pin (PN: 43-3472), 1" flat washer (PN: 57-20749), and hitch pin clip (PN: 43-7767).
 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	16-1876	20mm x 2.5mm x 70mm Metric Hex Bolt Gr 10.9
2	4	16-1878	20mm x 2.5mm x 50mm Metric Hex Bolt Gr 10.9
3	6	16-20560	1" X 2-1/2" Hex Bolt Gr 8 NC
4	1	17-11510	FH-400 McCormick ZTX 230, 260, 280 Push Pole (76.78")
5	1	43-3472	1" x 3.12" Welded Pin w/ Holes & Washer
6	1	43-7767	Hitch Pin Clip
7	8	44-7221	Push Pole Shim
8	1	46-11507-L	FH-400 McCormick ZTX 230, 260, 280 Rail Left
9	1	46-11507-R	FH-400 McCormick ZTX 230, 260, 280 Rail Right
10	1	54-11500	FH-400 UC McCormick ZTX 230, 260, 280
11	10	57-20747	3/4" Flat Washer
12	1	57-20749	1" Flat Washer
13	12	57-20819	1" Flat Washer Heavy Duty Gr. 8 (USS)
14	6	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: McCormick ZTX

Date: 3-25-2008

DWG. NO.: 11500-A