



450 Case STX Quad 375-500 Cast Yoke Undercarriage Installation Instructions

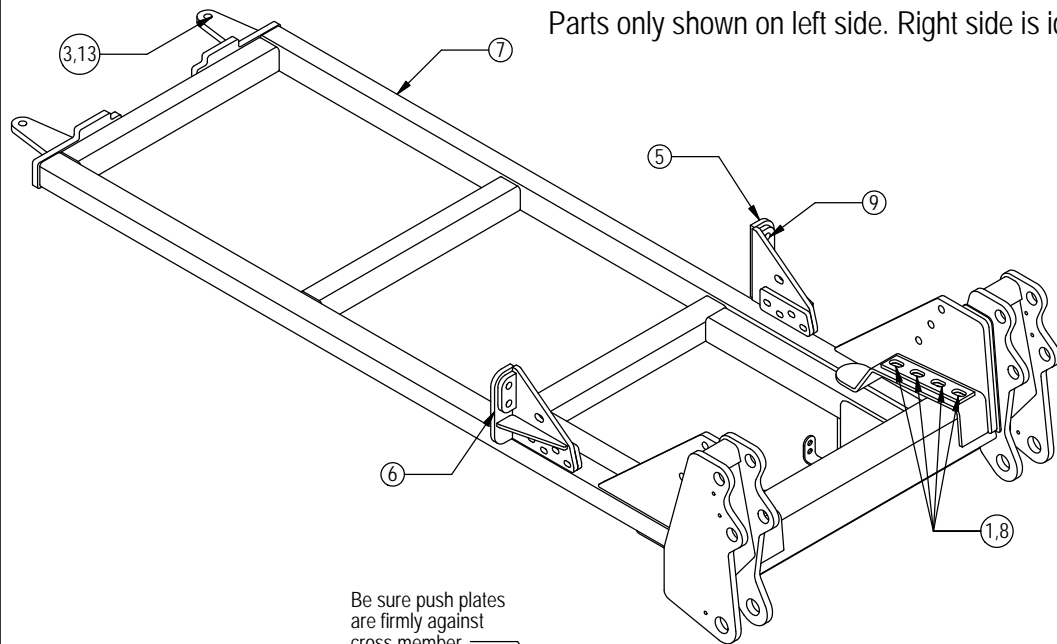
Caution:

- 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 2 -24mm bolts and spacers from the front axle on the left and right side of the tractor. Discard the spacers.
 4. Install the yoke brackets (PN: 18-5170) (see pg. 2 for correct orientation). Dip the previously removed 24mm bolts in W30 oil and install with a heavy flat washer (PN: 57-20819) on each bolt and tighten finger tight.
 5. Position the undercarriage (U/C) under tractor, center on the frame of the tractor. Lift U/C to within 3/4" of touching the tractor frame.
 6. Start 8 - 20mm x 90mm bolts (PN: 16-1510) with a 0.91" ID heavy washer (PN: 57-11659) on each of the remaining bolts into the vertical slots at front of U/C. Turn in until washers contact U/C. See attached diagram for clarification.
 7. Raise rear of U/C up until the two-rear mounting ears touch up against the cross member of the tractor. **Be sure that the vertical push plates are firmly against the cross member.**
 8. 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) and 1" nuts (PN: 70-20599). Tighten finger tight.
 9. Attach each yoke bracket to the side plates on the U/C with 4 - 3/4" bolts (PN: 16-20222), 8 - 3/4" ID washers (PN: 57-3680) and 4 - 3/4" nuts (PN: 70-20607).
 10. Once all bolts have been started, torque the two rear ear 1" bolts to 903 ft.·lbs.
 11. Torque the 8 - 3/4" yoke bracket bolts to 257 ft·lbs. and the 4 - 24mm bolts to 555 ft·lbs.
 12. Torque the 8 - 20mm front vertical bolts to 432 ft·lbs.
 13. Using the side frame holes as guides, drill 6 - 1" holes through side of 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.
 14. Install 2 - 1" x 3" bolts (PN: 16-20562) with a 1" ID heavy washer (PN: 57-3682) on each bolt in the top two holes. Install 4 - 1" x 3-3/4" bolts (PN: 16-20565) with a 1" ID heavy washer (PN: 57-3682) on each bolt in the bottom four holes. See attached diagram for clarification.
 15. After all 6 bolts are through the tractor frame, attach with a 1" flat washer (PN: 57-20819) on the top two holes, a 1" ID heavy washer (PN: 57-3682) on the bottom four holes, and a 1" nut (PN: 70-20599) on each bolt.
 16. Torque all 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.

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Parts only shown on left side. Right side is identical.

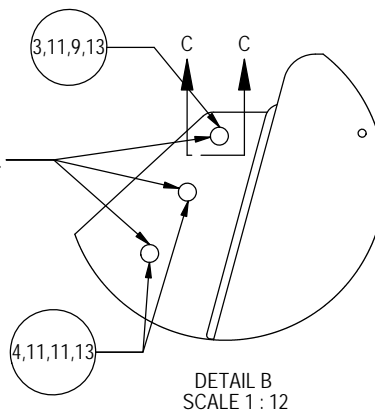


Be sure push plates are firmly against cross member.

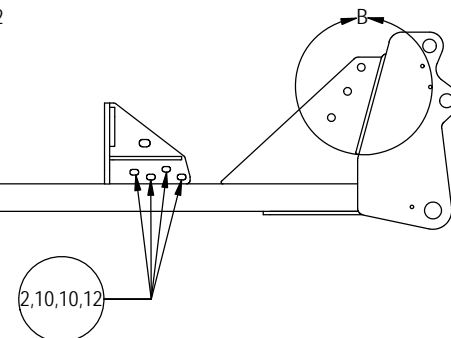
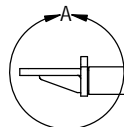
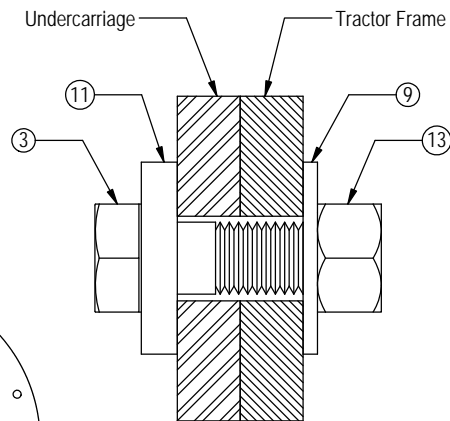
Drill cross member and install 2 - 1" x 3" bolts.

DETAIL A
SCALE 1 : 12

Drill tractor frame and install 6 bolts.



DETAIL B
SCALE 1 : 12



Item No.	Qty.	PN	Description
1	8	16-1510	20mm x 2.5mm x 90mm Metric Hex Bolt Gr 10.9
2	8	16-20222	3/4" x 3" Hex Bolt Gr 5 NC
3	4	16-20562	1" x 3" Hex Bolt Gr 8 NC
4	4	16-20565	1" x 3-3/4" Hex Bolt Gr 8 NC
5	1	18-5170-L	STX Quad 480 / 530 Bracket Left
6	1	18-5170-R	STX Quad 480 / 530 Bracket Right
7A	1	54-13000	450 - STX / TJ 375, 425, 440, 450, 500 UC
7B	1	54-12115	450HD - STX Quad 375-500 UC
8	8	57-11659	0.91" ID x 2-1/2" OD x 0.50" Thick CZ Plated - Trimmed Washer
9	6	57-20819	1" Flat Washer Heavy Duty Gr 8
10	16	57-3680	3/4" ID x 2.00 OD x .375" Heavy Washer CZ Plated
11	10	57-3682	1.00" ID x 2-1/2" OD x 0.375" Heavy Washer CZ Plated
12	8	70-20607	3/4" Hex Center Lock Nut Gr 2 NC
13	8	70-20599	1" Hex Nut Gr 8 NC

Item #A for 450 and #B for 450HD Undercarriage.



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TITLE **450 & 450HD - STX Quad
375-500 Cast Yoke**

DWG. NO.
54-13010R1-A

Date:
11/3/2011

Scale:
1:28

Sheet:
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