



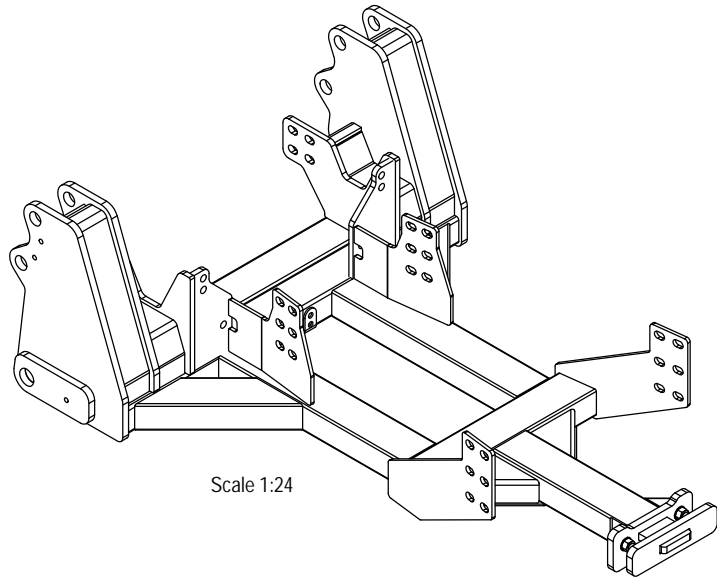
450 - CAT MT 700 Series

Undercarriage Installation Instructions

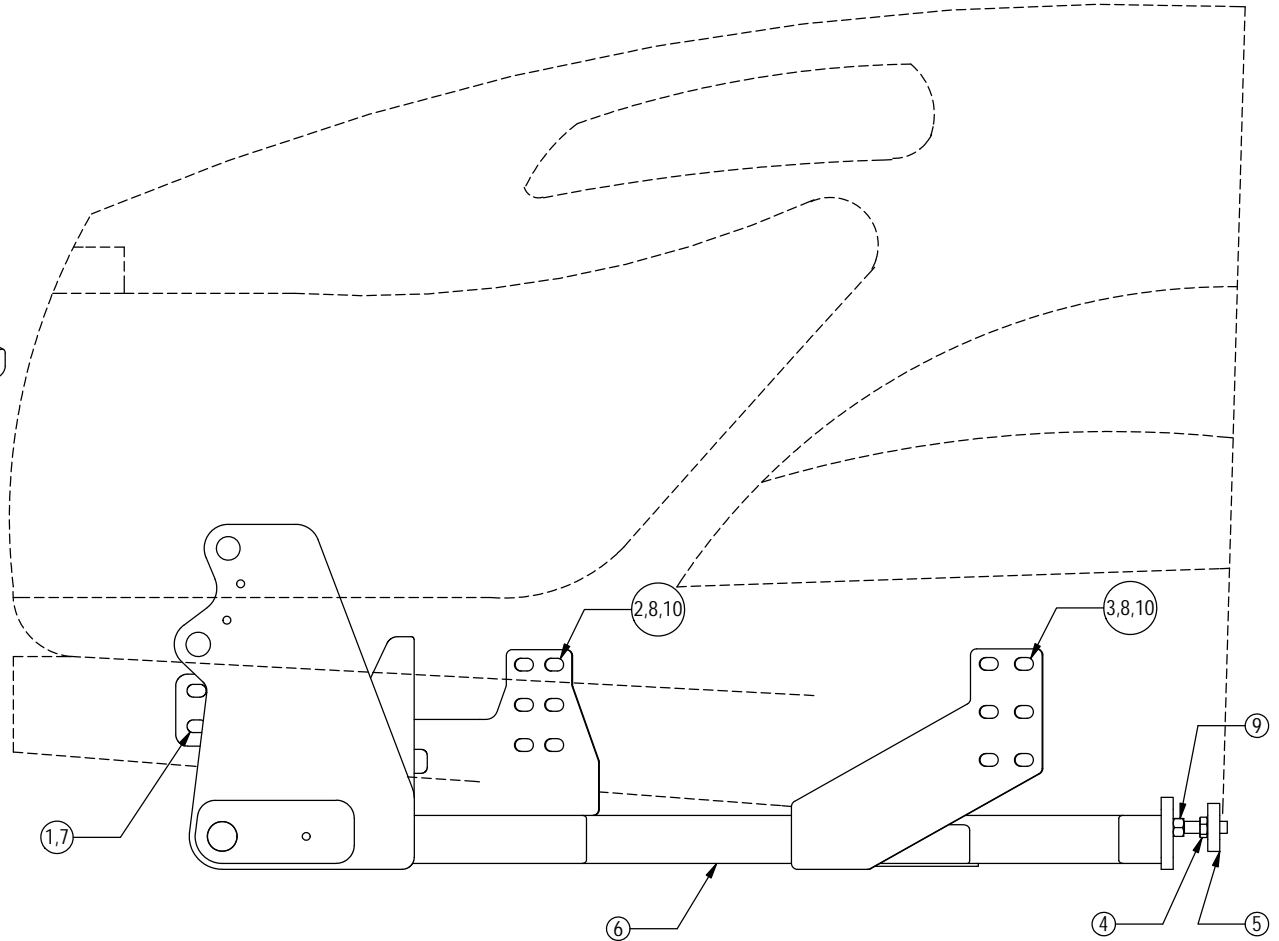
Caution:

- 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. Loosen bolts on the steps and slide the steps further away from the tractor to make room for the undercarriage (U/C). Tighten the bolts after the steps are moved.
 4. Install the 1" bolts (PN: 16-20564) and 1" nuts (70-20589) at the rear of the undercarriage. Turn the 1" bolt in for installation. Set the push plate (PN: 44-13535) over the plate at the rear of the undercarriage and up against the 1" bolts. The bolts will be adjusted after the undercarriage is installed. See attached diagram for proper installation of the bolt, nut and push plate.
 5. Position the U/C under the tractor and center with the frame of the tractor.
 6. Lift the U/C until the holes on the tractor line up with the holes on the U/C.
 7. Start 8 - 20mm x 50mm bolts (PN: 16-1878) with a 3/4" heavy washer (PN: 57-3680) on each bolt in the holes of the first side plates and the tractor frame. Hand tighten until the washers are in contact with the U/C. See attached diagram for any clarification.
 8. Insert 12 - 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 of the second side plates and the tractor frame. Hand tighten a 7/8" hex nut (PN: 70-20598) onto each bolt.
 9. Insert 12 - 7/8" x 3" bolts (PN: 16-20542) with a 7/8" heavy washer (PN: 57-3681) on each bolt through the holes of the third side plates and the tractor frame. Hand tighten a 7/8" hex nut (PN: 70-20598) onto each bolt.
 10. After all bolts are installed, push the U/C back.
 11. Once the rear of the U/C is pushed back and the U/C lines up correctly with the tractor frame, torque all 7/8" bolts to 600 ft-lbs. and all 20mm bolts to 432 ft-lbs..
 12. Push the rear push plate up against the frame of the tractor. Unscrew the 1" bolts so the plate is tight against the tractor frame. Torque the 1" bolts to 90-95 ft-lbs.
 13. Tighten the nuts up tight against the undercarriage. Use the nuts to lock the bolts in place.
 14. After first 8 hours of use, re-torque all bolts.
 15. Check all fasteners regularly to ensure proper operation of equipment.

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Item No.	Qty.	Part No.	Description
1	8	16-1878	20mm x 2.5mm x 50mm Metric Hex Bolt Gr. 10.9
2	12	16-20540	7/8" x 2-1/2" Hex Bolt Gr. 8 NC
3	12	16-20542	7/8" x 3" Hex Bolt Gr. 8 NC
4	2	16-20564	1" x 3-1/2" Hex Bolt Gr. 8 NC
5	1	44-13535	450 Challenger MT700 Push Plate
6	1	54-13540	450 Challenger MT700 UC
7	8	57-3680	2.00" OD x .75" ID x .375" Heavy Washer CZ Plated
8	24	57-3681	2.25" OD x .875" ID x .375" Heavy Washer CZ Plated
9	2	70-20589	1" Hex Nut Gr. 5 NC
10	24	70-20598	7/8" Hex Nut Gr. 8 NC



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TITLE 450 Challenger MT 700
 Mounting Inst.

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13540-A

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