



FH-400 Agco DTb, Challenger MT600C&D, Massey 8600 Series

Undercarriage Installation Instructions

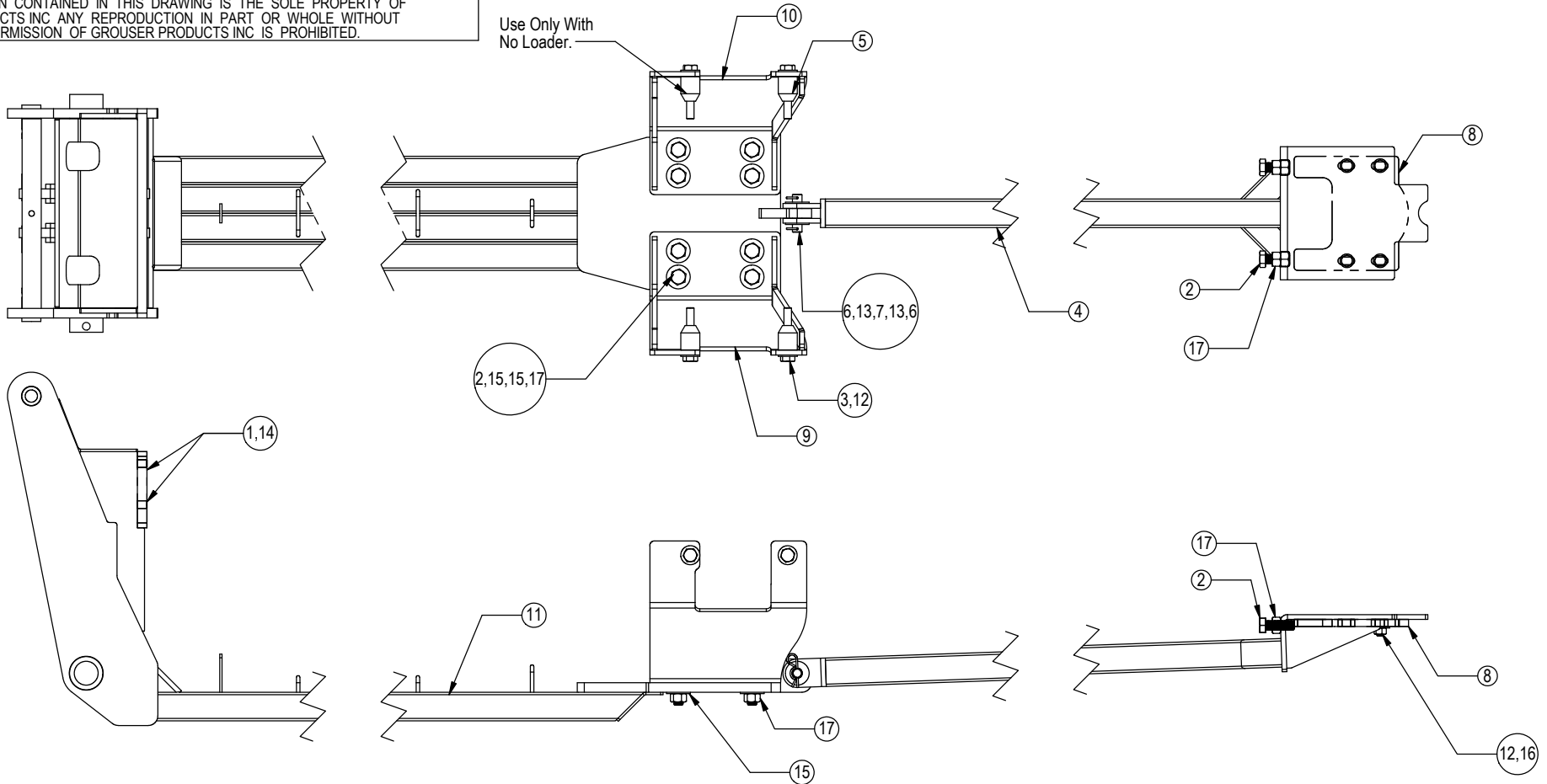
Caution:

- 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 carrier from the front of the tractor if necessary.
 3. If tractor doesn't have the loader brackets, remove the bottom 2 plugs from the holes on each side of the tractor between the front and rear tires.
 4. If tractor does have the loader brackets, remove the bottom 2 bolts from each side.
 5. Install the left side rail (PN: 46-13885-L) with 2 - 20mm x 130mm bolts (PN: 16-2490) and a 3/4" flat washer (PN: 57-20747) on each bolt in the location that the plugs or bolts were removed in Step 2 or 3. Use a spacer (PN: 19-13899) between the rail and the tractor frame if there is no loader bracket.
 6. Install the right side rail (PN: 46-13885-R) with 2 - 20mm x 130mm bolts (PN: 16-2490) and a 3/4" flat washer (PN: 57-20747) on each bolt in the location that the plugs or bolts were removed in Step 2 or 3. Use a spacer (PN: 19-13899) between the rail and the tractor frame if there is no loader bracket. See attached diagram for clarification.
 7. Position the undercarriage (U/C) under the tractor and center with the frame of the tractor.
 8. Lift the U/C until the holes on the U/C line up with the tractor frame holes.
 9. At the front of the tractor, use 6 - 20mm x 70mm bolts (PN: 16-1876) with a 3/4" SAE hardened washer (PN: 57-20757) on each bolt to attach the U/C to the front of the tractor. See attached diagram for clarification.
 10. Attach the rear of the U/C to the side rails with 8 - 1" bolts (PN: 16-20562), 16 - 1" flat washers (PN: 57-20819), and 8 - 1" nuts (PN: 70-20589).
 11. Torque the front 20mm bolts to 432 ft-lbs., then the 20mm bolts on the side rails to 432 ft-lbs. and then the 1" bolts to 903 ft-lbs.
 12. Pull the drawbar out to allow room to for installing the push pole.
 13. Attach the push plate to the rear of the push pole 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 push pole. Only finger tighten the nuts for now. See the attached diagram for clarification.

- 14.** Install 2 - 1" x 3" bolts (PN: 16-20562) and 2 - 1" nuts (PN: 70-20589) at the rear of the push pole where there are 2 nuts welded in place.
- 15.** Lift the rear of the push pole up so that the rear plate rests on top of the drawbar bracket.
- 16.** Lift the front of the push pole up. Attach the push pole to the undercarriage with a pin (PN: 43-16789), 2 - 1" flat washers (PN: 57-20749), and 2 - pin clips (PN: 43-7767).
- 17.** Tighten the 1" bolts to push the push plate up tight against the tractor casting. Torque the 1" bolts to 90-95 ft-lbs.
- 18.** Tighten the nuts up tight against the back plate on the push pole. Use the nuts to lock the bolts in place.
- 19.** Now, torque the 3/4" nuts to 257 ft-lbs.
- 20.** Put the drawbar in the original position.
- 21.** After the first 8 hours of use, re-torque all bolts.
- 22.** Check all fasteners regularly to ensure proper operation of equipment.

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Use Only With
No Loader.



Item No.	Qty.	Part No.	Description
1	6	16-1876	20mm x 2.5mm x 70mm Metric Hex Bolt Gr 10.9
2	10	16-20562	1" x 3" Hex Bolt Gr 8 NC
3	4	16-2490	20mm x 2.5mm x 130mm Metric Hex Bolt Gr 10.9
4	1	17-13895	Agco DTb, Challenger MT600C, Massey 8600 Push Pole
5	4	19-13899	Spacer - Agco DTb, Challenger MT600C, Massey 8600 - No Loader
6	2	43-7767	Hitch Pin Clip
7	1	43-16789	1"X 4" Pin With Holes
8	1	44-13896	Agco DTb, Challenger MT600C, Massey 8600 Push Plate
9	1	46-13885-L	Agco DTb, Challenger MT600C, Massey 8600 - Rail Left
10	1	46-13885-R	Agco DTb, Challenger MT600C, Massey 8600 - Rail Right
11	1	54-13910	FH-400 Agco DTb, Challenger MT600C, Massey 8600 UC
12	8	57-20747	3/4" Flat Washer
13	2	57-20749	1" Flat Washer
14	6	57-20757	3/4" SAE Hardened Flat Washer - 1-1/2" OD
15	16	57-20819	1" Flat Washer Heavy Duty Gr 8 (USS)
16	4	70-20607	3/4" Hex Center Lock Nut Gr 2 NC
17	10	70-20589	1" Hex Nut Gr 5 NC



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TITLE: FH-400 Agco DTb, Challenger MT600C,
Massey 8600 UC Assy.

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