



# 760 - Steiger / TJ Wheeled 350,400,450

## 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, front weights, and tow cable holder if equipped. If a tow cable bracket was purchased from Grouser, then the tow cable can be reinstalled later.
3. If the bottom covers (PN: 44-16590) are not factory installed, attach to U/C with 1/2" x 1-1/4" bolts (PN: 16-20125) and 1/2" flat washers (PN: 57-20744). See attached diagram for clarification.
4. If the bulkhead bracket (PN: 18-14249 or 18-15593) is not factory installed, attach to the U/C with 2 - 1/2" x 1-1/4" bolts (PN: 16-20125) and 1/2" flat washers (PN: 57-20744). See attached diagram for clarification. See parts book for bulkhead fittings, steel lines, and hose locations.
5. If bulkhead covers (PN: 44-14247 & 44-14246 or 44-15596) are not factory installed, verify that all hydraulics are installed correctly and then attach the covers to the U/C with 6 - 1/2" x 1-1/4" bolts (PN: 16-20125) and 1/2" flat washers (PN: 57-20744). See attached diagram for clarification.

**NOTE: If rear 1" bolt are installed on the undercarriage, back out so the undercarriage will fit on the rear plate on the tractor frame.**

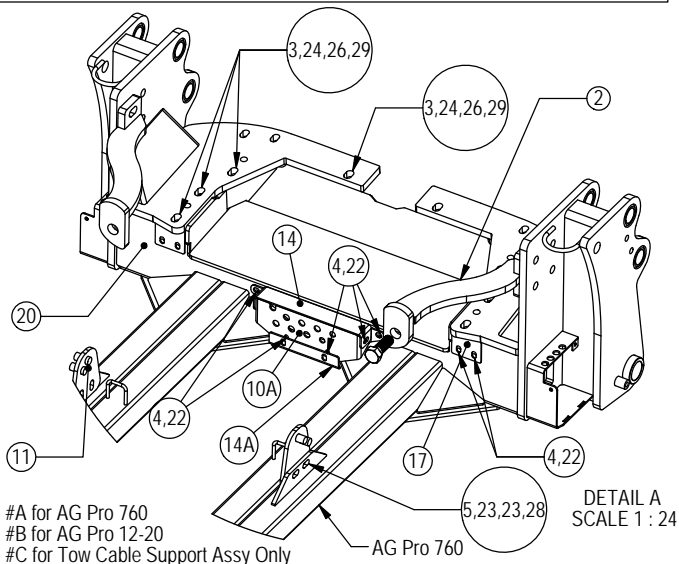
6. Position the undercarriage (U/C) under tractor and center on the frame of the tractor.

**NOTE: Add rear shim plates (PN: 44-15148) at the rear of the undercarriage if necessary to line up the front holes of the tractor frame to the slots of the undercarriage. See attached diagram for clarification.**

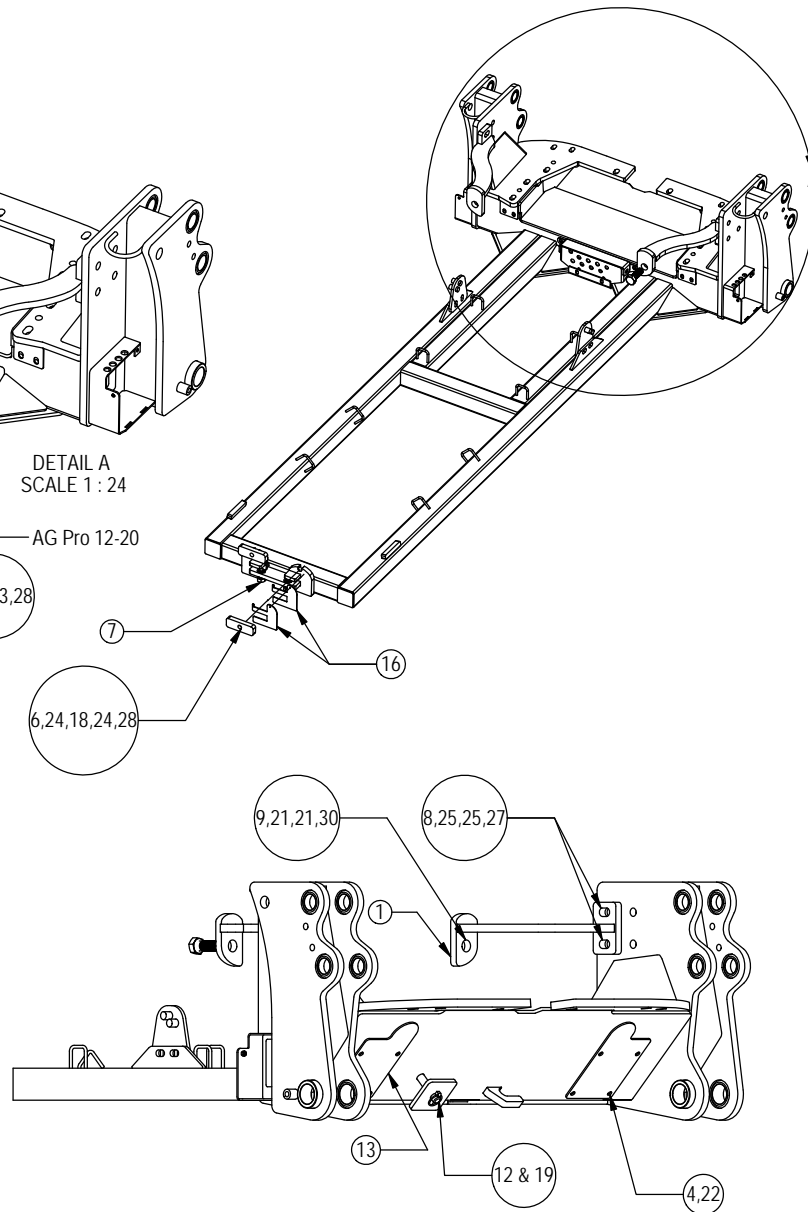
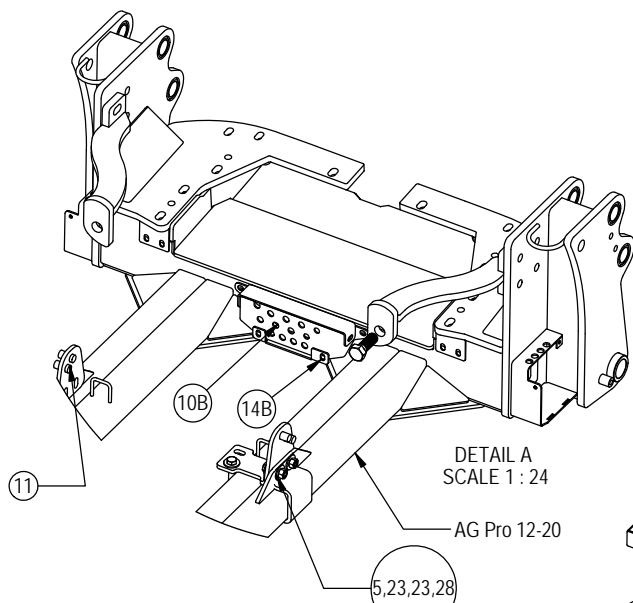
7. Lift the rear of the U/C up and set the top plates at the rear of the U/C on the tractor cross member. Push the U/C back until the vertical push plates are firmly against the cross member. Lift the U/C to within 3/4" of touching the tractor frame.
8. Insert 8 - 20mm x 90mm bolts (PN: 16-1510) with a 3/4" hardened flat washer (PN: 57-20757) on each bolt through the front holes of the tractor frame that line up with the front vertical holes of the U/C.
9. After all bolts are through the tractor frame and U/C, attach with a 3/4" heavy washer (PN: 57-3680) and a 20mm nut (PN: 70-20872-10). Verify that the rear of the U/C is firmly against the cross member.
10. At the rear of the undercarriage use the rear bolt on plate (PN: 44-17210) along a 3/4" x 3-1/2" bolt (PN: 16-20224), 2 - 3/4" hardened flat washers (PN: 57-20757) and a 3/4" nut (PN: 70-20607) to clamp the back of the undercarriage to the tractor frame. The tractor frame will fit between the rear plates on the undercarriage and the bolt on plate.
11. Tighten the rear 1" x 2" bolts (PN: 16-20558) so they are tight up against the bottom of the rear plate of the tractor frame.
12. Tighten front vertical bolts until frame is tight vertically.
13. Attach the upper support arms (PN: 11-14240-R,L) to the U/C with 2 - 1" x 3-1/2" bolts (PN: 16-20564), 4 - 1" heavy duty flat washer (PN: 57-20819), and 2 - 1" nuts (PN: 70-20599) on each side of the U/C. See attached diagram for clarification.
14. Attach the upper support arms to the tractor with a 1-1/4" x 3-1/2" bolt (PN: 16-20896), 4 - 1-1/4" flat washers (PN: 57-11671), and a 1-1/4" nut (PN: 70-20981) in the bottom hole on each side. See attached diagram for clarification.
15. Install the front side tube bracket (PN: 18-16730) on each side of the undercarriage. The pins on the bracket will fit into the chain down hook on the inside of the tractor frame. Attach to the undercarriage with 2 - 3/4" x 2" bolts (PN: 16-20218), 4 - 3/4" flat washers (PN: 57-20747), and 2 - 3/4" nuts (PN: 70-20607) on each side.
16. Once all bolts have been installed, torque the rear 3/4" bolts to 257 ft-lbs., torque the rear 1" bolts to 500-600 ft-lbs., torque the front 20mm vertical bolts to 432 ft-lbs., the 1" bolts to 903 ft-lbs., the side tube bracket 3/4" bolts to 257 ft-lbs. and the 1-1/4" bolts to 1,105 ft-lbs.

- 17.** Bolt the side cover (PN: 44-15575) to both sides of the undercarriage with 1/2" x 1-1/4" bolts (PN: 16-20125) and a 1/2" flat washer (PN: 57-20744) on each bolt.
- 18.** If Tow Cable Support Assembly was purchased, guide the tow cable around the L-Shaped loop at the front of the undercarriage and place the end of the tow cable around the rod. Put the holding plate on the rod and hold all in place with a lynch pin. See attached diagram for clarification.
- 19.** After first 8 hours of use, re-torque all bolts.
- 20.** Check all fasteners regularly to ensure proper operation of equipment.

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Item #A for AG Pro 760  
Item #B for AG Pro 12-20  
Item #C for Tow Cable Support Assy Only



Item No.	Qty.	Part No.	Description
1	1	11-14240-L	Upper Undercarriage Support Arm Left , Steiger/TJ Row Crop
2	1	11-14240-R	Upper Undercarriage Support Arm Right , Steiger/TJ Row Crop
3	8	16-1510	20mm x 2.5mm x 90mm Metric Hex Bolt Gr 10.9 ZC
4	20	16-20125	1/2" X 1 1/4" Hex Bolt Gr 5 NC
5	4	16-20218	3/4" x 2" Hex Bolt Gr 5 NC
6	2	16-20224	3/4" x 3-1/2" Hex Bolt Gr 5 NC
7	2	16-20558	1" X 2" Hex Bolt Gr 8 NC
8	4	16-20564	1" X 3-1/2" Hex Bolt Gr 8 NC
9	2	16-20896	1-1/4" x 3-1/2" Hex Bolt Gr 5 NC Zinc
10A	1	18-14249	Bracket, Bulkhead - AG Pro 760
10B	1	18-15593	Bracket, Bulkhead - AG Pro 12-20 - 760
11	2	18-16730	760 CNH Front Side Tube Bracket
12C	1	43-9360	Lynch Pin
13	2	44-16590	Plate, Bottom Cover - Row Crop
14A	1	44-14246	Plate, Bottom Bulkhead Cover - AG Pro 760
14B	1	44-15596	Plate, Bottom Bulkhead Cover - AG Pro 12-20 - 760
15	1	44-14247	Plate, Top Bulkhead Cover - Row Crop
16	4	44-15148	Row Crop Rear Shim Plate
17	2	44-15575	Plate, Undercarriage Side Bolt Cover
18	2	44-17210	760 CNH Bolt on 1" Rear Plate
19C	1	44-15585	760/770 Steiger / NH Tow Cable Holding Plate
20	1	54-14340	AG Steiger/TJ Row Crop Wheeled UC
21	4	57-11671	1-1/4" Flat Washer
22	20	57-20744	1/2" Flat Washer
23	8	57-20747	3/4" Flat Washer
24	12	57-20757	3/4" Hardened Flat Washer - 1-1/2" OD
25	8	57-20819	1" Flat Washer Heavy Duty Gr 8 (USS)
26	8	57-3680	2.00 OD X .75 ID x .375" Washer CZ Plated
27	4	70-20599	1" Hex Nut Gr 8 NC
28	6	70-20607	3/4" Hex Center Lock Nut NC
29	8	70-20872-10	20mm Hex Nut 2.5 Pitch Class 10 Zinc
30	2	70-20981	1-1/4" Hex Nut Gr 5 NC



**GROUSER PRODUCTS INC.**

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TITLE: 760 - Steiger/TJ UC Assy.

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