



New Holland T7 w/Loader Brackets Undercarriage Installation Instructions

For Models:

NH T7: T7.230, T7.245, T7.260, T7.270

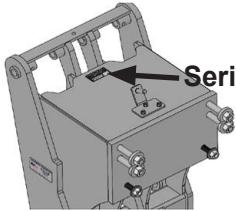
Purchase Date
Serial Number
Model Number
Tractor Model
Dealer

To The Owner

This manual contains information concerning the installation of the undercarriage. You have purchased dependable, long lasting equipment, but only by proper care and operation can you expect to receive the performance and long service built into our products. Please have all operators read this manual carefully and keep the manual available for ready reference. If you have any questions or concerns, contact Grouser Products.

Caution:

- Always use caution when working around any equipment.
- Always wear safety glasses.
- Follow tractor manufacturer's safety guidelines when installing this product.
- Use paint where necessary to prevent rust.
- Do not modify or permit anyone else to modify or alter the equipment and its components without first consulting Grouser Products.



Serial Number Location

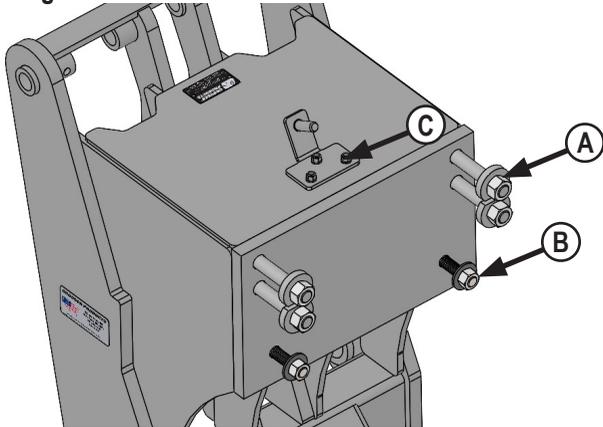
Note:

- When installing hardware, only finger tighten until all hardware is in place.
- A full diagram of the assembly with the full list of parts is on pages 4-5.
- Unstrap and remove any components that are attached for shipping.
- Read all instructions prior to performing installation.
- Tractor frame not shown in some diagrams for clarity.

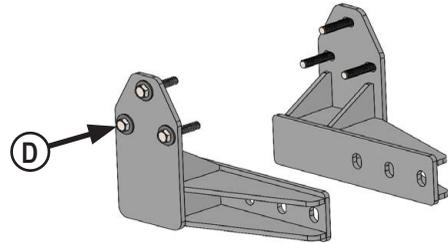
Installation

1. Remove either weights and weight bracket or front nose casting from front of tractor if necessary.
2. Position the undercarriage under tractor and center on the frame of tractor.

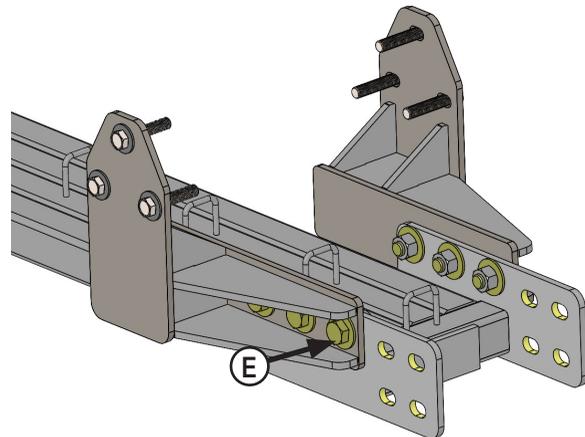
NOTE: When lifting undercarriage, watch for any potential pinching of hoses or any other components to prevent damage.



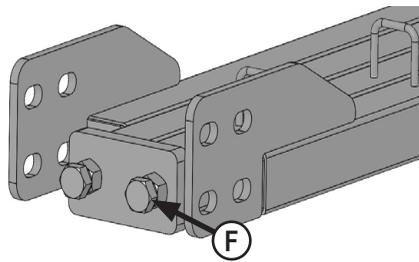
3. Attach front of undercarriage to front of tractor with 4 - 24mm x 150mm bolts, 4 - clipped washers and 4 - 24mm nuts in top 4 holes (A)
4. Use 2 - 20mm x 100mm bolts, 4 - 3/4" flat washers and 2 - 20mm nuts in bottom 2 holes (B).
5. Install hood latch bracket to top of undercarriage with 3 - 3/8" x 1" carriage bolts, 3 - 3/8" lock washers, and 3 - 3/8" nuts. Bracket may have to be adjusted later (C).



6. Remove original brace bracket between loader brackets.
7. Attach brackets to bottom of loader brackets with 3 - 20mm x 100mm bolts and 3 - 3/4" flat washers on each side (D).

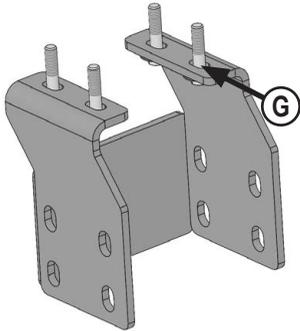


8. Attach brackets to rear of undercarriage with 3 - 1" x 2-1/2" bolts, 6 - 1" flat washers, and 3 - 1" nuts on each side (E).



9. Install 2 - 1" x 3" bolts and 2 - 1" nuts on front of push pole (F). Turn bolts in for installation. The bolts will be adjusted in a later step.

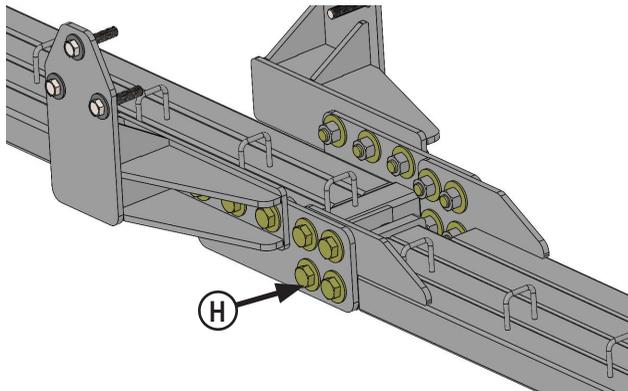
10. Remove 4 bolts from drawbar under rear axle.



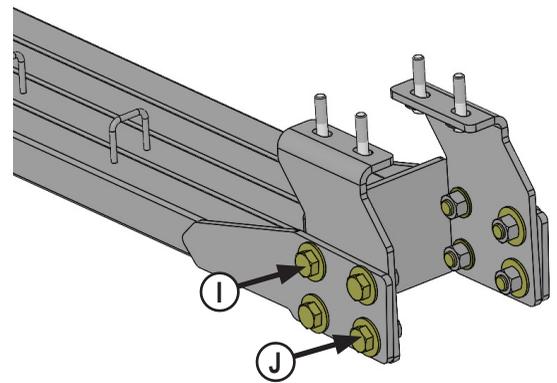
11. Attach push pole bracket to drawbar bracket under rear axle with 4 - 18mm x 80mm bolts and 4 - 3/4" flat washers (G).

12. Push bracket until tight against drawbar bracket and torque 18mm bolts to 405 ft-lbs. (G)

13. Position push pole under tractor.



14. Lift front of push pole and attach to rear of undercarriage with 4 - 1" x 2-1/2" bolts, 8 - 1" flat washers, and 4 - 1" nuts on each side (H).



15. Lift rear of push pole and attach to push pole bracket with 2 - 1" x 2-1/2" bolts, 2 - 1" flat washers, 2 - 1" SAE washer and 2 - 1" nuts on each side in front holes (I).

16. Use 2 - 1" x 2-1/2" bolts, 4 - 1" flat washers and 2 - 1" nuts on each side in rear holes (J).

17. Torque front 24mm bolts (A) to 909 ft-lbs.

18. Torque front 20mm bolts (B) to 432 ft-lbs.

19. Torque loader bracket 20mm bolts (D) to 432 ft-lbs.

20. Torque 1" bolts attaching brackets and push pole to rear of undercarriage (E & H) to 903 ft-lbs.

21. Torque 1" bolts attaching rear of push pole to rear bracket (I & J) to 903 ft-lbs.

22. Unscrew the 2 - 1" bolts at front of push pole until tight against rear of undercarriage. Torque the 1" bolts (F) to 90-95 ft-lbs.

23. Tighten nuts tight against push pole. Use nuts to lock bolts in place.

24. Close tractor hood and adjust bracket until hood latches correctly Tighter 3/8" hardware (C).

25. Route hoses through the hose loops on undercarriage and push pole to back of tractor.

26. Protect hoses around sharp corners and moving objects. Use zip ties to secure the hoses in place.

27. Plug hoses into open SCV's at rear of tractor.

Assembling Lift Components

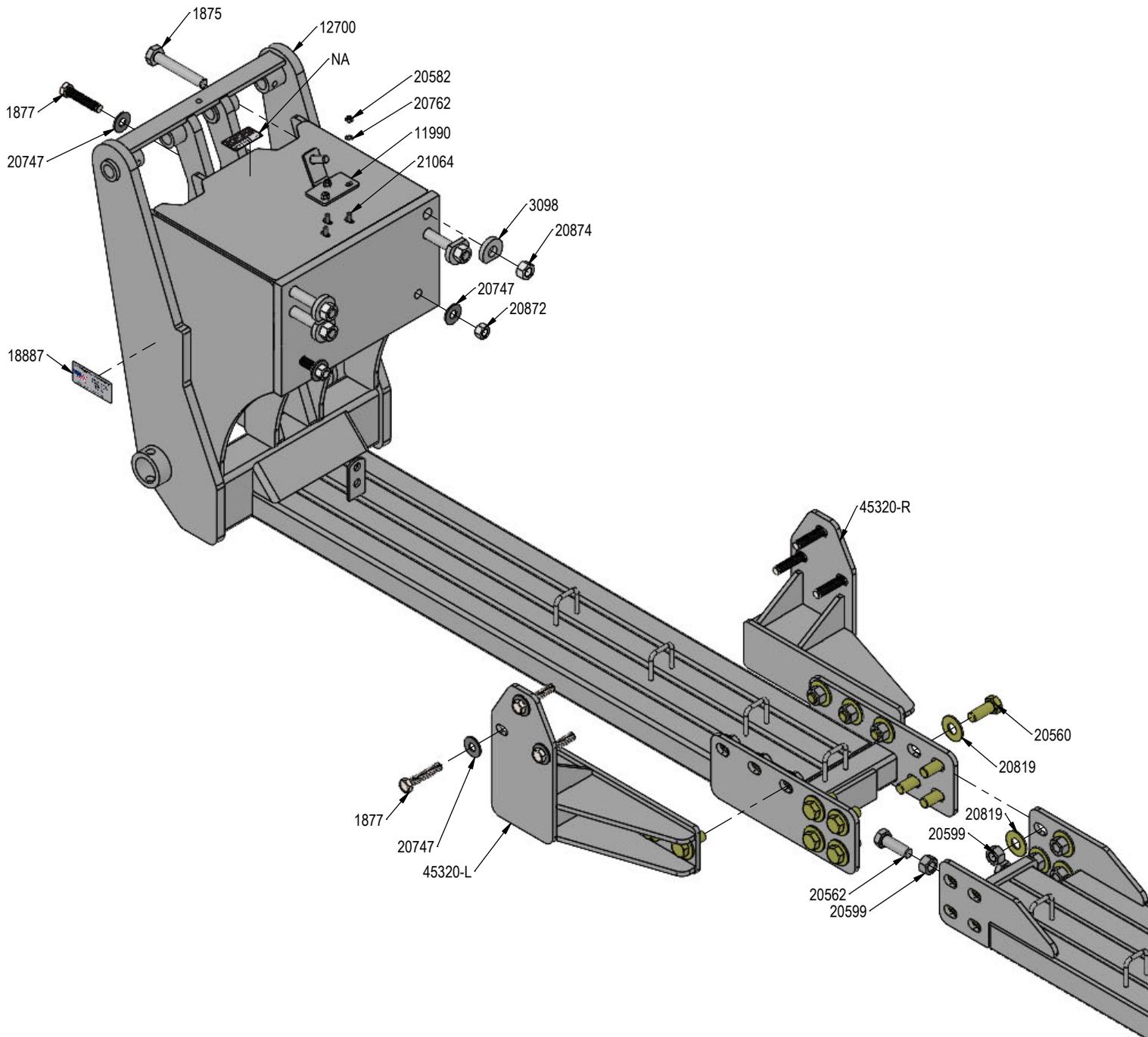
1. Refer to the Blade Owner's Manual & Parts Book for instructions on how to assemble the lift components.

Maintenance

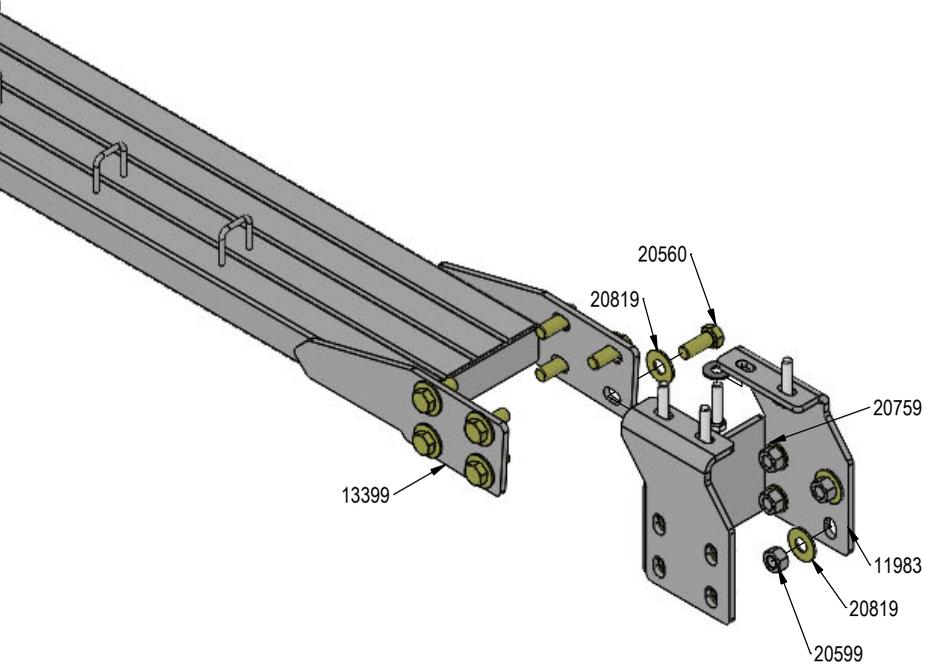
1. After first 8 hours of use, re-torque all bolts.

2. Check all fasteners regularly to ensure proper operation of equipment.

3. Inspect all equipment for existing or potential damages every 10 hours or less.



PART NO.	Qty.	DESCRIPTION
1875	4	24mm x 3.00mm x 150mm Hex Bolt
1877	8	20mm x 2.5mm x 100mm Hex Bolt Gr. 10.9
20562	2	1" X 3" Hex Bolt Gr 8 NC CZ
20560	22	1" X 2-1/2" Hex Bolt Gr 8 NC YZ
21064	3	3/8" x 1" Carriage Bolt Gr 5 NC CZ
1815080	4	M18-1.5 x 80mm Class 10.9 Hex Bolt CZ
13399	1	Push Pole
11983	1	Bracket
11990	1	Bracket
45320-L	1	Side Brackets, For Loader Side Rails
45320-R	1	Side Brackets, For Loader Side Rails
18887	1	Grouser Name Plate Decal - Made in USA
12700	1	Undercarriage Weld
3098	4	1.05" ID x 2.50" OD - JD Axle Mount Washer
20747	14	3/4" Flat Washer CZ
20759	4	1" SAE Hardened Flat Washer - 2" OD
20762	3	3/8" Lock Washer
20819	40	1" Flat Washer Heavy Duty Gr 8 (USS) YZ
20582	3	3/8" Hex Nut Gr 5 NC CZ
20599	24	1" Hex Nut Gr 8 NC CZ
20872	2	M20-2.5 Class 8.8 Hex Nut CZ
20874	4	M24-3.0 Class 8.8 Hex Nut CZ
NA	1	Serial Number Tag



DWG. NO.: 45325-A

Notes

Notes

Improvements

Grouser Products Inc. is continually striving to improve its products. We reserve the right to change prices, specification, or equipment at any time without notice. We also reserve the right to make improvements or changes when it becomes practical and possible to do so without incurring any obligation to make changes or additions to the equipment sold previously.

Warranty

Grouser Products warrants to the original purchaser of each item that the product be free from defects in material and workmanship under normal use and service for a period of **two (2) years for Agriculture Series Blades and one (1) year for Heavy Duty Series from date of original retail delivery.**

The obligation of the consumer under this warranty:

1. To read the operators manual and to operate, lubricate, maintain and store equipment in accordance with the instructions listed in the operators manual.
2. To inspect equipment and if any part needs repair or replacement when continued use would cause damage or wear to other parts or safety.
3. All equipment or parts claimed to be defective in material or workmanship must be made available for inspection at the place of business of a dealer authorized to handle the equipment covered by this warranty, or, upon request by Grouser Products, shipped to the Grouser Products factory in West Fargo, North Dakota.

The obligation of the dealer under this warranty:

1. Complete warranty registration form and submit within 30 days of sale.
2. Contact Grouser Products for authorization prior to performing any warranty repairs or part replacement.
3. Complete warranty request form and submit with photos and supporting documentation.

The obligation of Grouser Products under this warranty:

1. Repair or replace, any equipment or parts, in the judgment of Grouser Products to be defective in material or workmanship.
2. Grouser Products will cover the cost of parts and ground shipping at dealer invoice only.
3. Grouser Products shall have no obligation to bear the cost of labor or transportation in connection with replacement or repair of any such defective parts.

This warranty does not cover:

1. Depreciation or damage caused by normal wear, accident, improper assembly, improper adjustments.
2. Improper maintenance including lack of proper lubrication, or improper use. Including loose bolts, nuts, or fitting due to over tightening or vibration after 20 hours of operation.
3. Repairs or alterations without authorization from a Grouser Products representative.
4. Grouser Products shall have no liability if the equipment has been altered or reworked without the written authorization of Grouser Products.

Grouser Products' parts, which are furnished under this warranty and properly installed, shall be warranted to the same extent as the original parts under this warranty if, and only if, such parts are found to be defective within the original warranty period covering the original equipment.

NO EMPLOYEE OR REPRESENTATIVE OF GROUSER PRODUCTS IS AUTHORIZED TO CHANGE THE WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY.

Contact Us

As always, if you have any questions about your system or other products made by Grouser, feel free to contact us.



755 2nd Ave NW - West Fargo, ND 58078
+1 701-282-7710 | info@grouser.com
www.grouser.com