



INSTRUCTION BULLETIN

No. 9006267
Machine: S30 X4
Published: 02-2009
Rev. 00

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for **kit number 9006266**

SYNOPSIS:

This kit contains the parts needed to replace the rear drive hardware on S30 X4 machines.
Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 30 minutes)

PREPARATION:

(Refer to FIG. 1)

1. Park the machine on a clean level surface, turn off the machine, set the parking brake, and remove the key.

FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, set the parking brake, and remove key.

INSTALLATION:

1. Remove the tie rod from the left drive support housing and right drive support housing. Set the washers aside. Discard the hex screws and hex nuts. Refer to Fig. 1.

NOTE: Do Not disconnect any hydraulic fittings or hoses from the hydraulic cylinder or any other components. It is not necessary to disconnect any hydraulic hoses or fittings to install this kit.

2. Remove the hydraulic cylinder from the right drive support housing. Set the washers aside. Discard the hex screw and hex nut. Refer to Fig. 1.
3. Remove the hydraulic cylinder from the rear axle. Set the washers aside. Discard the hex screw and hex nut. Refer to Fig. 1.

4. Use a hex screw (1), hex nut (2), and the saved washers to reinstall the tie rod onto the left drive support housing and right drive support housing. Torque the hardware to 240 ft/lbs. Refer to Fig. 1.
5. Use a hex screw (1), hex nut (2), and the saved washers to reinstall the hydraulic cylinder onto the right drive support housing. Torque the hardware to 240 ft/lbs. Refer to Fig. 1.
6. Apply a light coat of blue Loctite® onto the threads of the remaining hex screw (1). Refer to Fig. 1.
7. Use the hex screw (1) from the previous step, a hex nut (2), and the saved washers to reinstall the hydraulic cylinder onto the rear axle. Torque the hardware to 240 ft/lbs. Refer to Fig. 1.
8. Start and test the machine. Drive the machine around several corners to ensure the steering mechanism is functioning correctly.

Loctite® is a registered trademark of the Henkel Corporation

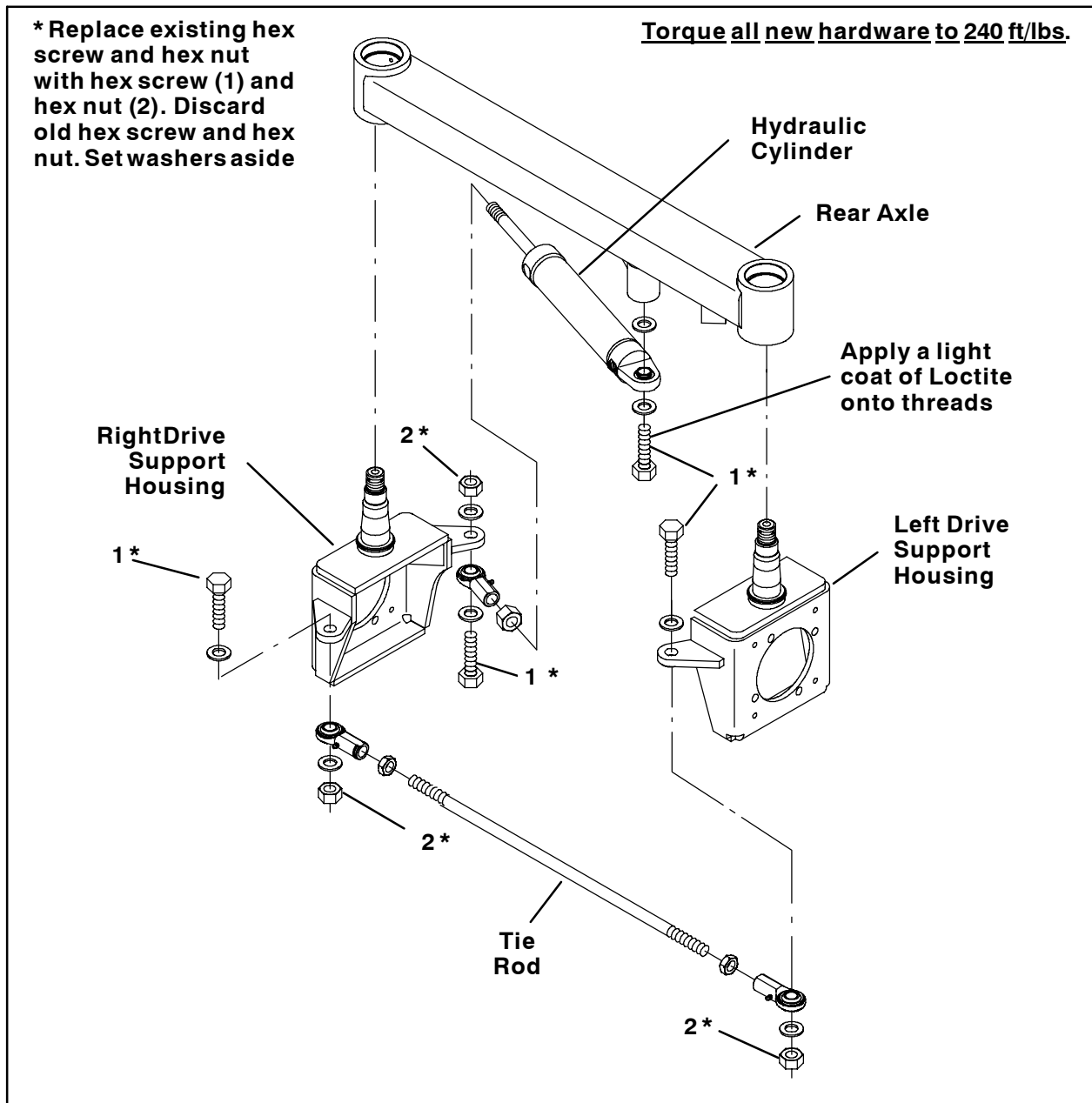


FIG. 1

Bill of Materials for Rear Drive, Hardware, Kit [S30 X4] - 9006266

Ref.	Tennant Part No.	Description	Qty.
▽	9006266	Rear Drive, Hardware, Kit [S30 X4]	1
▲ 1	58056	Screw, Hex, .75-10 X 3.0, G5	4
▲ 2	32987	Nut, Hex, Lock, .75-10, NL	3

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452