

# 6600 SCHOLASTIC REAR MOUNT GOAL

## Installation, operation, and Maintenance Instructions



# WARNING

Failure to follow proper installation procedures can result in damage to goal and possible injury to personnel.

Read and understand all installation instructions before proceeding.

### TOOLS REQUIRED:

#2 Phillips Screwdriver, 9/16" wrench, and level

### INSTALLATION:

- 1) Remove goal and hardware from box and inspect for shipping damage. Also inspect the threaded hole in the center of the lower end of the backboard (See Figure 1). A 7/16" bolt must easily screw into this threaded hole. This bolt is required for proper installation. If necessary, clean the threads with a 7/16-14 tap (Not Included).
- 2) Remove the four cover plate screws and cover plate.
- 3) Remove the four carriage bolts from the hardware bag along with four nuts and flat washers.
- 4) Install the carriage bolts into the slots in the goal mounting area of the board (See Figure 2).
- 5) Slide the goal onto the four bolts and install a flat washer, lock washer, and hex nut on each bolt. Tighten by hand only to bring the goal flush with the board.
- 6) Install the 7/16" Hex bolt with washers through the bottom of the goal and into the threaded hole on the backboard. Tighten by hand until snug.
- 7) Torque the four carriage bolt nuts to 15 – 20 Ft-Lbs. Torque the 7/16" bolt to 20 – 24 Ft-lbs.
- 8) Place cover plate over the goal base and secure with the 4 self-tapping screws. Make sure all four screws are tight to prevent vibration and noise from the cover.
- 9) Install the net.

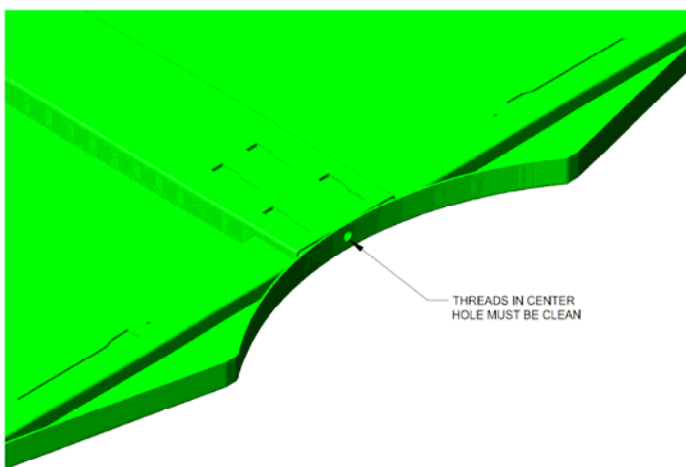


Figure 1

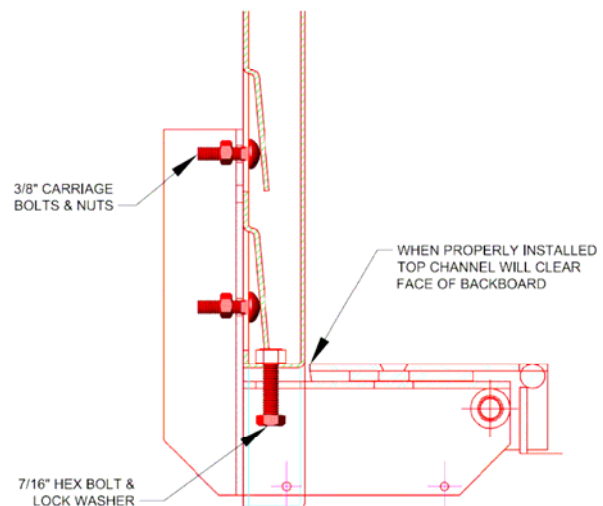


Figure 2



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### MAINTENANCE:

- 1) Twice annually, remove the cover plate and spray the swing rod and bushings with penetrating lubricant. Lock-Ease<sup>®</sup> graphite spray is recommended.
- 2) Annually remove the cover plate and inspect moving components for wear, welds for cracks, and goal for overall condition.

### OPERATION:

This goal has been designed and manufactured to meet NCAA (except Division I) and NFSHSA specifications. The goal is factory set to deflect at 90 lbs.

See reverse side for adjustment instructions.

### Adjustment Instructions

The model 6600 goal should not require any adjustments. However, should the goal become loose or tight, the spring tension can be adjusted.

Tools Required – Phillips Screwdriver, 9/16” wrench, 7/32” Allen Wrench

1. Using a Phillips screwdriver, remove the four cover plate screws and cover plate.
2. First make sure the rim is securely tightened to the backboard. All four mounting bolts must be tight with no movement of the rim back plate to the board. If the rim bolts are loose, tighten the bolts to make sure the rim is secure and recheck.
3. Make sure the backboard is secure to the mounting structure. If the board mounting is loose, tighten the mounting bolts and retest.

The model 6600 goal is preset at the factory and should not require any further adjustments prior to installation. Adjusting the vertical springs will change the amount of pressure required to deflect the rim.

DO NOT adjust any of the spring nuts more than ¼” from their original factory position.

4. Adjust the springs in the following sequence until the desired measurement is achieved:
  - a. Tighten or loosen the vertical springs 1/2 turn. Recheck for desired deflection pressure.  
**Note: Both springs must be adjusted equally. The 9/16” wrench and 7/32” Allen wrench will be required for this adjustment.**
  - b. Tighten or loosen the vertical springs an additional 1/2 turn. Recheck for desired deflection pressure.
  - c. Repeat steps A and B if additional adjustment is required.

**NOTE: If adjustments larger than ¼” on any of the springs is required, contact a Gared customer service representative for assistance.**

Replace the cover plate and install the four cover plate screws. Tighten the cover plate screws securely.



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