



# Service Advisory

MTD-090

## (Walk Behind Mowers - Self Propelled)

**Models Affected:** All walk behind mower transmissions of the black plastic case style.  
**Serial Number Range Affected:** N/A  
**Date:** 7/22/2008  
**Subject:** Spur Gear Removal and Installation / Internal Transmission's Damage

**ACTION REQUIRED:** This advisory is **INFORMATIONAL ONLY**

**PURPOSE:** This informational advisory provides the correct method for removal and installation of the driving spur gears from the ends of the transmission's output shaft. This procedure will eliminate potential damage to the transmission's internal components due to incorrect spur gear removal and installation.

**DISCUSSION:**

1. The practice of engaging the self-propel drive bail to "lock" the transmission from rotating when removing/installing the screws securing spur gears to the ends of the transmission's output shaft can result in damage to the internal components of the transmission. **This practice is not to be used.**
2. **The proper method** for securing the transmission's output shaft from rotating is to clamp the transmission's output shaft with a pair of vise grip pliers as shown in Figures 1A and 1B. While holding the clamped-on vise grips, remove/install the spur gear retaining screws using a hand held 1/4" drive ratchet with the Torx bit. Observe the transmission output shaft to ensure there is no rotation during removal or installation of the retaining screw.

**NOTE:** *DO NOT USE an air or electric driven screw/nut driver gun to remove or install spur gear retaining screws. Excessive torque may be developed over-coming the vise grip clamping force.*

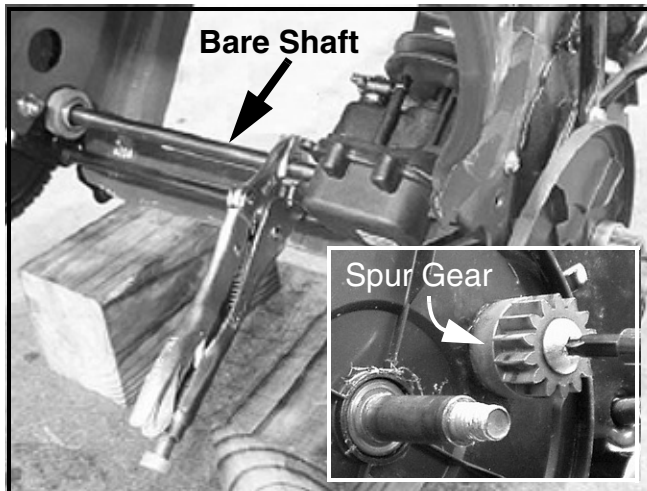


FIGURE 1A

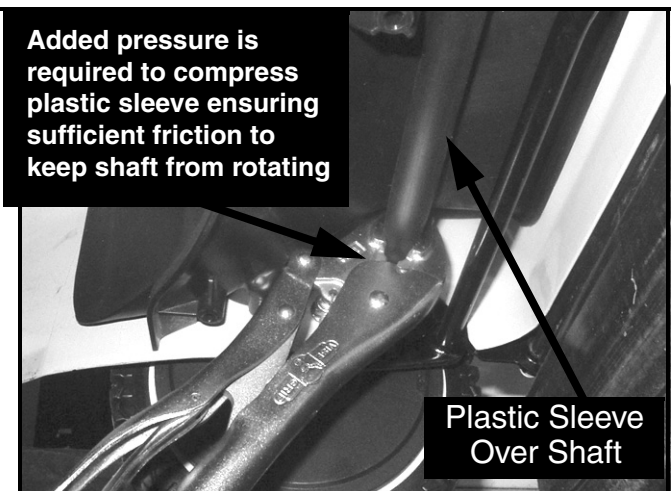


FIGURE 1B

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

Circulate and Initial