




Service Note		N0203016
		2002-08

Subject: Mower Deck Spindle Repair Kits

Effected Model Numbers: All Commercial Walk Behind and Riding Zero Turn Mowers

Service Information:

To insure that mower spindles are properly serviced, a series of housing kits has been released to insure correct assembly and installation. A special rebuild kit has also been released. Effective immediately, spindle repair parts, i.e.; bearings, spacers, etc., will no longer be sold individually.

On spindle teardown, the housing should be closely inspected. If the housing is okay, order the rebuild kit as shown below. The rebuild kit will contain all necessary internal spindle parts. If the housing indicates any damage, the entire spindle assembly should be replaced by ordering the correct Housing Kit, also as shown below.

Parts Information:

539107406 - Rebuild Kit (used on all spindles shown below)

539107418 - Housing Kit (replaces 539102440 Spindles on Fixed Deck Walk Behind Mowers)

539107408 - Housing Kit (replaces 539104403 Spindles on Floating Deck Walk Behind Mowers)

539107410 - Housing Kit (replaces 539103298 Spindles on 42" and 48" ZTH "Mini" Mowers)

539107411 - Housing Kit (replaces 539103698 Spindles on 52" & 61" ZTH Gen I Mowers)

539107408 - Housing Kit (replaces 539104403 Spindles on 52" & 61" ZTH Gen II Mowers)

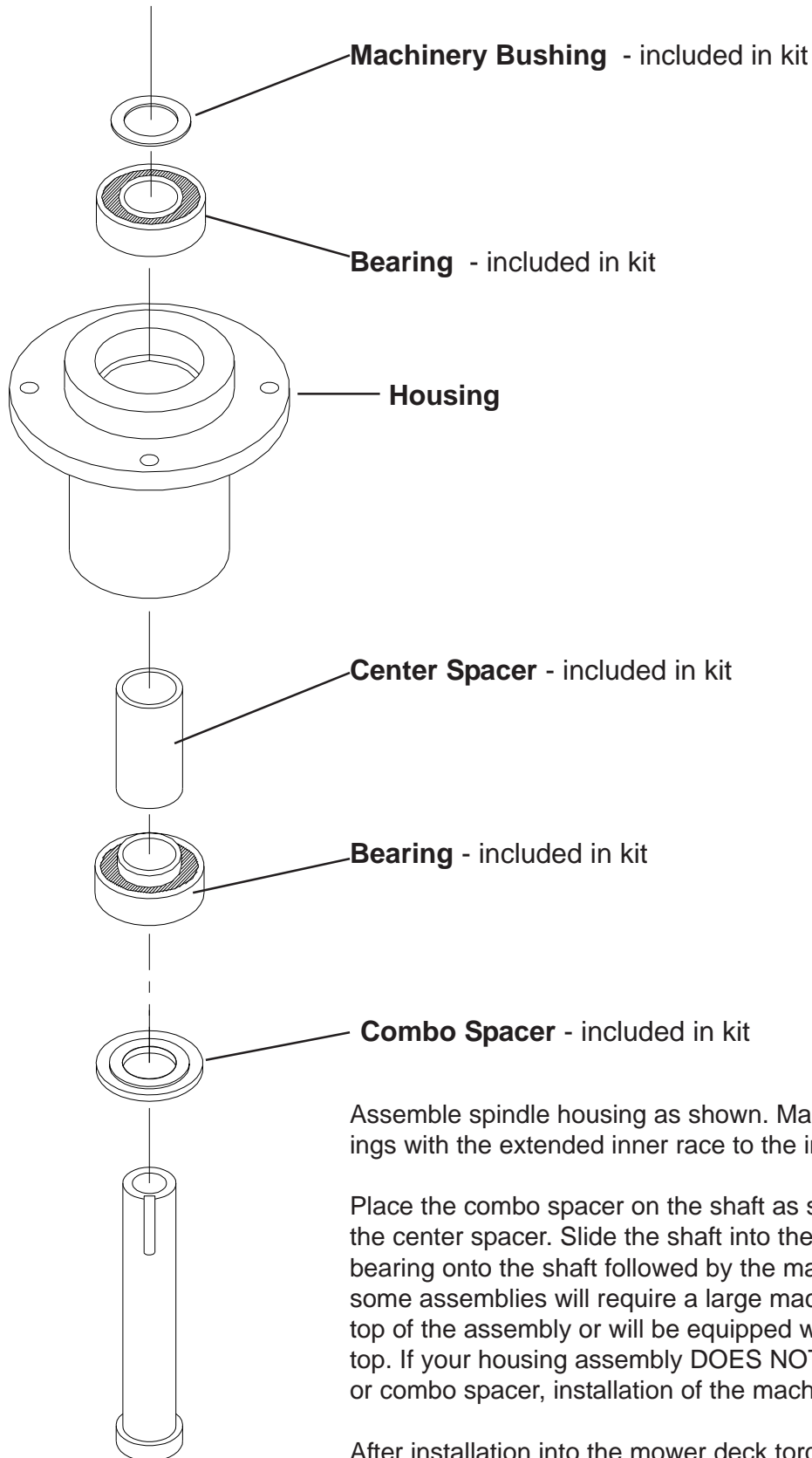
539107412 - Housing Kit (replaces 539105632 Spindles on 72" ZTH Gen II Mowers)

NOTE: All kits include correct rebuilding and installation instructions.

Warranty Information:

Normal warranty policy applies.

BEARING KIT PART NO. 539107406 INSTRUCTIONS

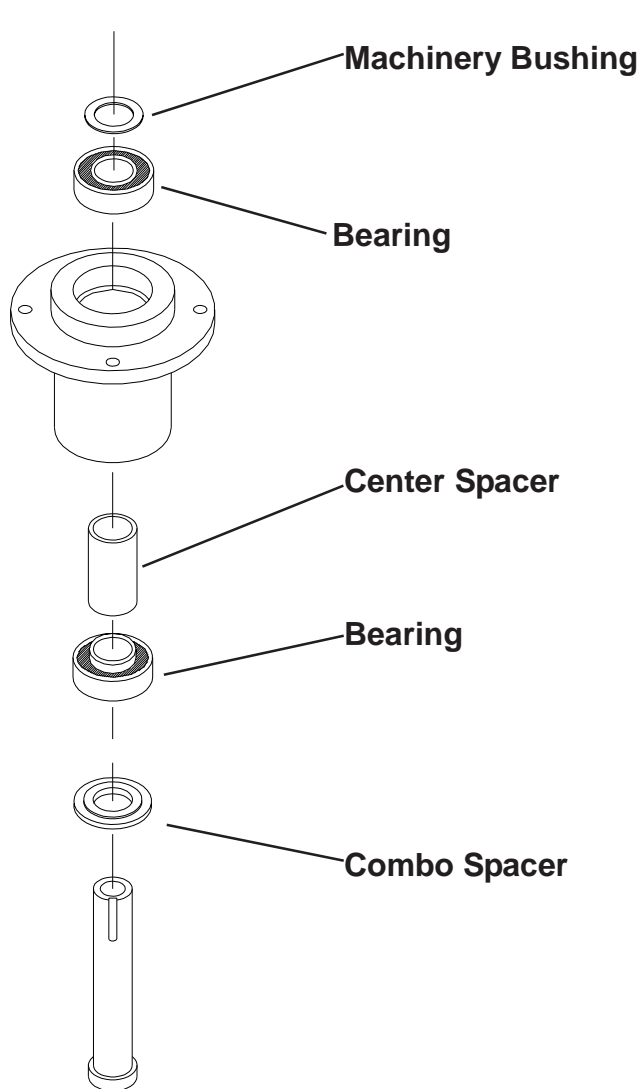


Assemble spindle housing as shown. Make sure to orient the bearings with the extended inner race to the inside of housing.

Place the combo spacer on the shaft as shown then the bearing and the center spacer. Slide the shaft into the housing and slide top bearing onto the shaft followed by the machinery bushing. **NOTE:** some assemblies will require a large machinery bushing on the very top of the assembly or will be equipped with a combo spacer on the top. If your housing assembly **DOES NOT** have a machine bushing or combo spacer, installation of the machine bushing is still required.

After installation into the mower deck torque the pulley bolt to **45 ft/lbs** and torque the blade bolt to **90 ft/lbs**.

HOUSING KIT INSTRUCTIONS



HOUSING KIT PART NOS.

539107408
539107410
539107411
539107412
539107413
539107414
539107415
539107416
539107418

Assemble spindle housing as shown. Make sure to orient the bearings with the extended inner race to the inside of housing.

Place the combo spacer on the shaft as shown, then the bearing and the center spacer. Slide the shaft into the housing and slide top bearing onto the shaft followed by the machinery bushing . NOTE: some assemblies will require a large machinery bushings on the very top of the assembly or will be equipped with a combo spacer on the top. If your housing assembly DOES NOT have a machine bushing or combo spacer, installation of the machine bushing is still required.

After installation into the mower deck torque the pulley bolt to **45 ft/lbs** and torque the blade bolt to **90 ft/lbs**.

FOR ASSEMBLIES WITH A THROUGH BLADE BOLT TORQUE TO 90 ft/lbs.

Make sure that the small machinery bushing on the top and bottom of the housing assembly is next to the bearing. If this is left out or not placed next to the bearing you will encounter premature failure of the housing.