

## INSTALLATION TIPS

Standard Tapered Roller-Bearings can not be used with a spacer to achieve proper End Play.

Always Replace the inner /outer races at the same time & maintain proper lubrication.

Never use an Impact Wrench.

## NOTE

Always follow your company's safety protocols when installing. These protocols are designed to support proper procedures and ensure safety. For full instructions on installing and servicing EnduraSet [www.enduraset.com/inatallation-guide.html](http://www.enduraset.com/inatallation-guide.html)

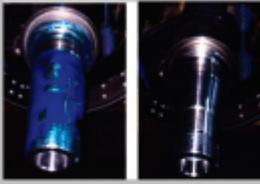
## WARNING

Never work under a vehicle that is only supported by jacks. Jacks can slip or trip over. Always use safety stands to support the vehicle to avoid series injury and damage. To protect your eyes, wear safety goggles when doing maintenance or repair, Park the vehicle on a flat surface, and block the wheels to keep it from moving.

# EnduraSet™ Assembly – Installation Procedure

**1. Clean the Spindle**

BEFORE CLEANING
AFTER CLEANING



Remove any lubricant, corrosion, prevention, coating, foreign material or surface rust on spindle.

**2. Lubricate the Spindle**



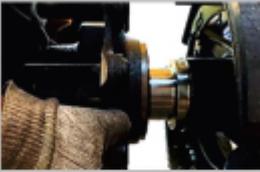
Slightly lubricate the bearing & seal journals on spindle with same lubricant use in Hub.

**3. Lubricate Oil Seal/Bearing**



Lubricate the inside diameter of the seal and the bearing.

**4. Prepare & Align the Hub**



Slide the hub assembly on to the spindle by maintaining alignment among the assembly components.

**5. Install the Hub on Spindle**



Install the hub with recommended nut system.

**6. Torque the Hub**



Torque the spindle nut while rotating the hub on either side. 350~400 lb.ft (475~542 Nm)

**7. Install Locking Ring**



Visually examine the holes and engage the locking device. Advance the nut as necessary.

**8. Verify Rotation**



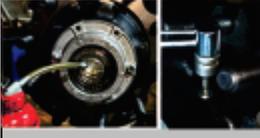
Verify rotation to ensure the assembly spins freely.

**9. Install Hub Cap**



Install the hub cap and torque the bolts refer to torque specification.

**10. Add Lubricant**



Fill the hub with lubricant from the barrel to ensure the required amount of lubricant filled.

**11. Install Fill Plug**



Allow the lubricant to settle for 10~15mins. Repeat the procedure until the lubricant is at fill-line and install the fill plug.

## TORQUE SPECIFICATIONS

DESCRIPTION	FASTENER	TORQUE RANGE	REMARKS
Hub Cap	5/16 - 18	12-18 lb-ft (15-25 N.m)	Bolts in Star Pattern
Oil Fill Plug	1/4 NPT	20~25 lb-ft (25~35 N.m)	Magnetic Plug with O-Ring
	3/8 NPT		
	9/16 - 18		

## LUBRICATION REQUIREMENTS

HUB TYPE	PART NO	FIL VOLUME FOR OIL	FILL VOLUME FOR SEMI FLUID - GREASE	FILL VOLUME FOR HARD GREASE
TN	ES 44.01 332117	13.86 fl-oz	17.55 fl-oz	16.20 fl-oz