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TIPS AND TRICKS

YXZ Spindle Boss Installation

Supplemental tips for preparing the factory spindle/upright, press-fitting the spindle boss and securing the bolt before operation. Use these tips alongside the vehicle and component manufacturer installation procedures.

1020 | Rev 1

Before you begin

Required tools

- Wire wheel
- Sockets and wrenches sized for the supplied hardware
- Torque wrench capable of 70 ft-lbs

Consumables

- Gel red Loctite for the outer edge of the boss
- Blue Loctite for final bolt installation

Required parts

- Spindle boss with supplied hardware

Instructions

Step 1: Prepare the Mating Surface

After removing the factory ball joint, thoroughly clean the mating surface with a wire wheel until the surface is clean and dry.

Step 2: Install and Secure the Spindle Boss







Pre-assemble the spindle boss with the supplied hardware as shown in the reference pictures. Do not install the bearing at this stage.

Apply gel red Loctite to the outer edge of the boss to help seal the surface against corrosion and provide additional adhesion.

Carefully tighten the bolt to press-fit the boss into the factory spindle/upright. Watch both boss halves as you tighten to ensure they seat evenly.

Once the boss is fully seated, remove the bolt and continue installing the remaining components.

Critical: The boss is designed to stay in place without the bolt during assembly only. Before operation, reinstall the bolt with blue Loctite and torque it to 70 ft-lbs. Failure to do so may result in component failure.

Important notice

Our Tips and Tricks are supplemental references for professional installers. They provide additional information to help with the work and are not a complete installation manual or a substitute for a qualified professional installation shop. Follow the vehicle and component manufacturer procedures, safety requirements and specifications for the exact application.