

Installing a Hub Unit Bearing Assembly and Steering Knuckle

Part 3 of 3. For passenger car front wheel end application.



1. Inspect the surface of the axle shaft, spline teeth and tone wheel for wear. Use a fine file, wire brush, emery cloth or honing stone to remove any debris, nicks or burrs.



2. To prevent spline damage, check the position of the splines while installing the steering knuckle. Never force the hub unit bearing assembly onto the shaft or strike with a hammer.



3. Install the strut mounting bolts that attach the steering knuckle to the strut assembly. Torque the bolts to the vehicle manufacturer's specifications.



4. Install the bolts that attach the lower ball joint to the lower control arm. Torque the bolts to the vehicle manufacturer's specifications.



5. Attach the lower ball joint to the lower control arm and install the nut. Torque the bolts to the vehicle manufacturer's specifications.



6. Secure the nut using a new cotter pin.