

# MOOG

STEERING & SUSPENSION



## DID YOU KNOW?

### ADVICE FOR THE PROFESSIONAL

#### Overview

No one can afford to do the job twice. Following the removal and installation procedures illustrated below, along with the vehicle manufacturer's instruction manual, will ensure the hub replacement is done correctly.



Tools required for proper removal and installation of wheel end modules.

#### Removal



1 Raise vehicle off the ground and remove lug nuts and wheel.



2 Remove axle nut, using an axle nut socket. (An impact wrench is not recommended.) Socket size can range from 30mm to 36mm.



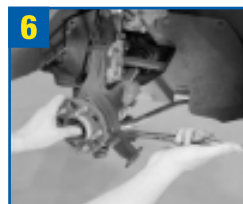
3 Remove and support the brake caliper. Make certain it is positioned so that it will not interfere with the installation procedure. Inspect brake pads.



4 Remove the brake rotor.



5 Remove the hub bolts from the steering knuckle.



6 Using a pry bar between the module and knuckle, carefully separate the module from the knuckle.

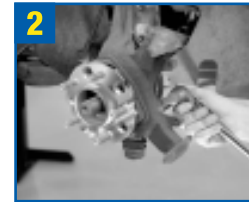


7 Remove any burrs or loose metal from the knuckle (bearing housing) to provide proper alignment when the hub is being seated. Inspect the splines on the CV shaft for damage.

#### Installation



1 Guide new module onto CV shaft and into knuckle. (Align carefully or premature failure may result!) Before completing installation, attach ABS connector (if so equipped) and check with key on to ensure vehicle is reading a correct signal from the sensor.



2 Torque hub mounting bolts (steering knuckle to module flange) to manufacturer's specifications, using appropriate torque wrench.



3 Reassemble brake rotor and caliper.



4 Torque axle nut to manufacturer's specifications. Do so while vehicle is raised and hub assembly is unloaded. Replace with new axle nut. Do NOT use an impact wrench. Torque specifications can be found at: [www.FMe-cat.com](http://www.FMe-cat.com)



5 Replace tire/wheel on vehicle. Lower vehicle to ground and torque lug nuts to specification, using a torque wrench.

For parts lookup, visit [www.FMe-cat.com](http://www.FMe-cat.com) | tech line: 1-800-325-8886

[moogproblemsolver.com](http://moogproblemsolver.com)

