

**PART
SMART**

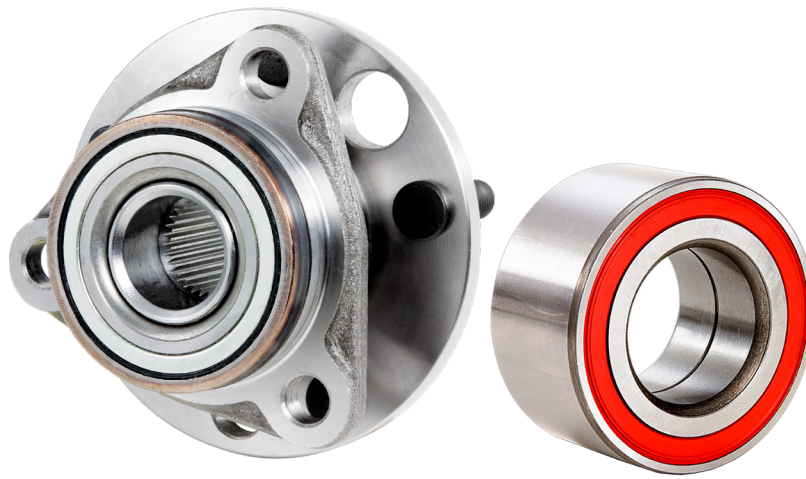
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NEXT LEVEL KNOWLEDGE.

INSTALLATION BEST PRACTICES

| Hub Bearing Assemblies



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<https://getpartsmart.motorcarparts.com/partsmart>



FREE TECH HOTLINE
800.228.9672

M-F 5:30 am-5:00 pm • S-S 6:00 am-2:30 pm (PT)
ASE Certified Bilingual Technicians Are Available

REDUCE RETURNS WITH MPA'S

CALL BEFORE YOU RETURN PROGRAM

ASE Certified Bilingual Technicians are available to help answer installation and product questions 7 days a week. In addition to product knowledge, our team can help walk you through the installation process, help verify application information, and provide tips and guidance to help get the vehicle back on the road.

VEHICLE PREPARATION

- ✓ **REFER TO VEHICLE SERVICE INFORMATION FOR ANY SPECIAL TESTING, REMOVAL, OR INSTALLATION PROCEDURES**
 - A) CHECK FOR ANY RELATED TECHNICAL SERVICE BULLETINS
 - B) REFER TO ANY WARNING TAGS OR TECHNICAL BULLETINS INCLUDED IN THE BOX WITH THE REPLACEMENT HUB BEARING
- ✓ **OBTAIN ALL VEHICLE INFORMATION TO ENSURE CORRECT PART APPLICATION**
 - A) MAKE, YEAR, MODEL, ENGINE, DRIVETRAIN CONFIGURATION (FWD, RWD, 4WD, AWD), BRAKE SYSTEM DETAILS, ETC.
- ✓ **A COMPLETE INSPECTION OF THE TIRES, STEERING, SUSPENSION, BRAKE SYSTEM, AND DRIVELINE COMPONENTS FOR WEAR OR DAMAGE SHOULD BE PERFORMED**
- ✓ **MAKE SURE TO PROPERLY RAISE, SUPPORT, AND SECURE THE VEHICLE**



Hub Bearing Assemblies



- ✓ **CHECK FOR ANY WHEEL SPEED SENSOR RELATED FAULT CODES TO HELP WITH DIAGNOSIS AND TROUBLESHOOTING OF HUB BEARING CONCERNS**
- ✓ **THOROUGHLY CLEAN THE STEERING KNUCKLE MOUNTING SURFACE OF RUST AND CORROSION TO ENSURE PROPER SEATING AND ALIGNMENT OF NEW BEARING ASSEMBLY**
- ✓ **TORQUE HUB BEARING MOUNTING BOLTS TO OE MANUFACTURER SPECIFICATIONS**
- ✓ **CAREFULLY ROUTE AND SECURE ABS WHEEL SPEED SENSOR CABLES AND WIRING CONNECTORS TO PREVENT CONTACT AND DAMAGE FROM ROTATING DRIVELINE COMPONENTS**
- ✓ **CLEAN AND INSPECT DRIVE AXLE/SPINDLE THREADS FOR DAMAGE**
- ✓ **DRIVE AXLE NUT ON SOME VEHICLE APPLICATIONS SHOULD NOT BE REUSED AND WILL NEED TO BE REPLACED - CHECK VEHICLE SERVICE INFORMATION**
- ✓ **TORQUE DRIVE AXLE NUT TO OE MANUFACTURER SPECIFICATIONS**
- ✓ **TORQUE WHEEL LUG NUTS TO OE MANUFACTURER SPECIFICATIONS**
- ✓ **WHEEL ALIGNMENT SHOULD BE CHECKED AFTER HUB BEARING REPLACEMENT**
- ✓ **ROAD TEST VEHICLE - VERIFY CORRECT FUNCTION AND OPERATION**

For GEN 1 - Press in Hub Bearings



- ✓ **A BEARING PRESS (MIN. 20 TON CAPACITY) WITH AN ASSORTMENT OF PRESS ADAPTORS AND PRESS SUPPORT PLATES WILL BE REQUIRED TO PROPERLY INSTALL GEN 1 - PRESS IN TYPE HUB BEARINGS**
- ✓ **THE STEERING KNUCKLE/SUSPENSION ASSEMBLY SHOULD BE INSPECTED FOR DAMAGE AND CLEANED TO REMOVE ALL RUST, CORROSION, AND DEBRIS BEFORE PRESSING THE NEW HUB BEARING INTO PLACE**
- ✓ **ENSURE THE BEARING IS CORRECTLY POSITIONED (ENCODER RING IS FACING THE CORRECT DIRECTION) INTO THE STEERING KNUCKLE/SUSPENSION ASSEMBLY FOR PROPER WHEEL SPEED SENSOR FUNCTION - IF APPLICABLE**
- ✓ **WHEN PRESSING THE BEARING INTO THE SUSPENSION/KNUCKLE ASSEMBLY, THE CORRECT PRESS ADAPTOR SHOULD BE USED AND SHOULD ONLY CONTACT THE OUTER BEARING RACE WHEN PRESSING THE BEARING. THE BEARING WILL BE DAMAGED IF FORCE IS APPLIED TO THE INNER BEARING RACE OR THE SEAL AREA**
- ✓ **AFTER PRESSING THE BEARING INTO THE SUSPENSION/KNUCKLE ASSEMBLY, THE HUB FLANGE WILL NEED TO BE PRESSED INTO THE BEARING, AND THE INNER BEARING RACE MUST BE PROPERLY SUPPORTED WITH THE CORRECT PRESS ADAPTOR, OR THE BEARING WILL BE DAMAGED**

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