

**PART
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NEXT LEVEL KNOWLEDGE.

INSTALLATION BEST PRACTICES

Brake Pads & Rotors



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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.

INSTALLATION BEST PRACTICES

VEHICLE PREPARATION

- ✓ REFER TO VEHICLE SERVICE INFORMATION FOR ANY SPECIAL TESTING, REMOVAL, OR INSTALLATION PROCEDURES
 - A) CHECK FOR ANY RELATED TECHNICAL SERVICE BULLETINS
- ✓ OBTAIN ALL VEHICLE INFORMATION TO ENSURE CORRECT PART APPLICATION
 - A) MAKE, YEAR, MODEL, ENGINE, DRIVETRAIN CONFIGURATION (FWD, RWD, 4WD, AWD), BRAKE SYSTEM DETAILS, ETC.
- ✓ TEST DRIVE VEHICLE TO VERIFY CUSTOMER BRAKE SYSTEM COMPLAINT (IF APPLICABLE)
- ✓ RAISE AND SAFELY SUPPORT VEHICLE. REFER TO VEHICLE SERVICE INFO FOR LIFTING/JACKING INSTRUCTIONS
- ✓ REMOVE ALL 4 WHEELS AND PERFORM A COMPLETE BRAKE SYSTEM INSPECTION
 - A) INSPECT UNDERHOOD BRAKE SYSTEM COMPONENTS - MASTER CYLINDER, BRAKE FLUID CONDITION
 - B) COMPLETE INSPECTION OF THE TIRES, STEERING, SUSPENSION, AND DRIVELINE COMPONENTS FOR WEAR OR DAMAGE SHOULD BE PERFORMED AS PROBLEMS IN THESE AREAS CAN SOMETIMES AFFECT BRAKE PERFORMANCE



Brake Disassembly:

- ✓ REMOVE BRAKE CALIPERS (AND CALIPER BRACKETS IF APPLICABLE) NOTE: IF SERVICING REAR BRAKES AND THE VEHICLE IS EQUIPPED WITH ELECTRIC PARKING BRAKES, THE SYSTEM WILL NEED TO BE PLACED INTO THE SERVICE MODE BEFORE DISASSEMBLY (REFER TO VEHICLE SERVICE INFO)
 - A) PROPERLY SUPPORT BRAKE CALIPERS. **DO NOT ALLOW BRAKE CALIPERS TO HANG FROM BRAKE HOSE**
 - B) USING A BRAKE HOSE CLAMP TOOL, CLAMP OFF BRAKE HOSE, OPEN BLEEDER SCREW ON BRAKE CALIPER
 - C) USING THE CORRECT TOOL, DEPRESS AND SEAT CALIPER PISTON(S) INTO CALIPER HOUSING BORE.
 - D) CLOSE BLEEDER SCREW AND REMOVE BRAKE HOSE CLAMP TOOL
- ✓ REMOVE BRAKE PADS
- ✓ REMOVE BRAKE ROTORS
- ✓ THOROUGHLY CLEAN HUB TO ROTOR MOUNTING SURFACE TO REMOVE RUST, CORROSION, OXIDATION
- ✓ THOROUGHLY CLEAN AND SERVICE BRAKE CALIPER BRACKETS (IF APPLICABLE) TO REMOVE RUST, DIRT, CORROSION

Brake Reassembly:

- ✓ WASH BRAKE ROTORS WITH SOAP AND WATER TO REMOVE ANY CONTAMINANTS
- ✓ INSTALL NEW BRAKE ROTORS
- ✓ INSTALL CALIPER BRACKETS (IF APPLICABLE) AND TORQUE MOUNTING BOLTS TO PROPER SPECIFICATIONS
- ✓ SERVICE OR REPLACE CALIPER HARDWARE AS NEEDED
- ✓ LUBRICATE CALIPER SLIDING COMPONENTS AND HARDWARE WITH HIGH TEMPERATURE LUBRICANT DESIGNATED FOR USE WITH DISC BRAKE SYSTEMS
- ✓ INSTALL NEW BRAKE PAD HARDWARE AND BRAKE PADS
- ✓ INSTALL BRAKE CALIPERS BEING CAREFUL NOT TO TWIST THE BRAKE HOSE AND TORQUE CALIPER MOUNTING BOLTS TO PROPER SPECIFICATIONS
- ✓ WITH ENGINE OFF PUMP BRAKE PEDAL SEVERAL TIMES TO SEAT BRAKE PADS
- ✓ BLEED BRAKE SYSTEM TO REMOVE AIR - REFER TO VEHICLE SERVICE INFORMATION FOR CORRECT BLEEDING PROCEDURES. NOTE: CONSIDER FLUSHING THE HYDRAULIC BRAKE SYSTEM. REFER TO VEHICLE SERVICE INFO FOR FLUSHING PROCEDURES AND CORRECT BRAKE FLUID SPECIFICATIONS
- ✓ INSTALL WHEELS AND TORQUE TO PROPER SPECIFICATIONS
- ✓ TAKE ELECTRIC PARKING BRAKE SYSTEM OUT OF SERVICE MODE (IF APPLICABLE)
- ✓ LOWER VEHICLE AND TEST DRIVE TO ENSURE PROPER AND SAFE BRAKE SYSTEM PERFORMANCE

NOTE: RECOMMENDED PROCEDURE FOR PROPER "SEATING IN" OR "BEDDING IN" NEW BRAKE PADS AND ROTORS:

APPROXIMATELY 30 MODERATE EASY STOPS, FROM 30 MPH, WITH A 30 SECOND COOLING OFF PERIOD IN BETWEEN EACH STOP

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