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2000-01 BRAKES

Disc & Drum - Cars - Except Contour, Escort, Focus, LS & Mystique

REAR BRAKE CALIPER

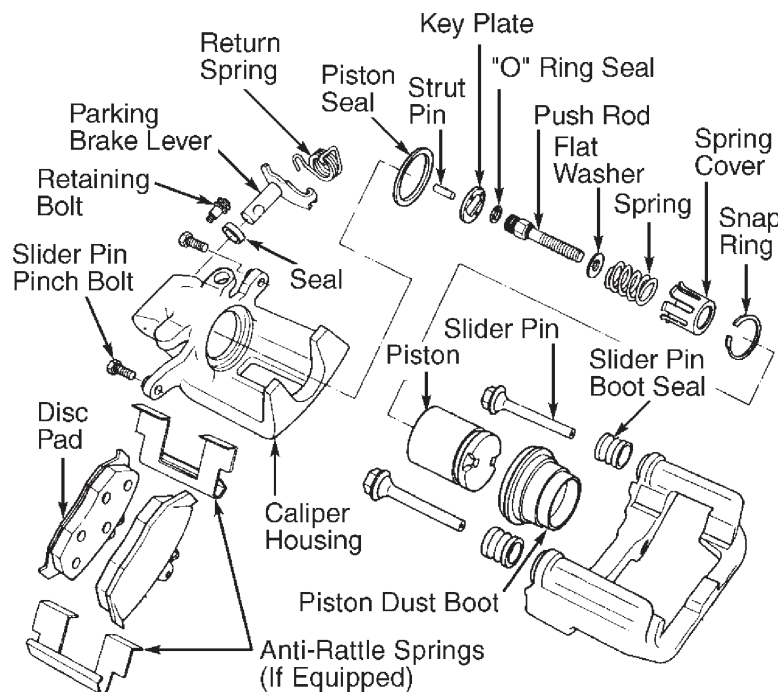
CAUTION: Components are not interchangeable from side to side.

Disassembly (Continental, Cougar, Mustang, Sable & Taurus)

1. Remove caliper. See [REAR BRAKE CALIPER & PADS](#) under REMOVAL & INSTALLATION. Mount caliper in a soft-jawed vise. Using Piston Remover/Installer (T87P-2588-A), rotate piston counterclockwise and remove piston from bore. See [Fig 13](#). Remove dust boot and seal from bore.
2. Carefully remove snap ring, as snap ring and spring cover are under spring load. Remove spring cover, spring, flat washer and key plate. Pull push rod and strut pin from bore. Discard "O" ring from push rod.
3. Remove parking brake lever return spring. Remove lever bolt, and pull lever out of housing. Remove and discard seal.

Inspection

Clean all metal parts with isopropyl alcohol and dry with compressed air. Replace components if worn, pitted or scored.



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Fig 13: Exploded View of Rear Caliper (Continental, Cougar, Mustang, Sable & Taurus)

Courtesy of FORD MOTOR CO.

Reassembly

1. Apply a light coat of Silicone Dielectric Compound (D7AZ-19A331-A) to parking brake lever shaft, bore & seal. Press parking brake lever seal into bore, and install lever. Install parking brake lever bolt, and tighten to specification See [TORQUE SPECIFICATIONS](#) tables. Install return spring.
2. Position strut pin in bore and in recess of parking brake lever shaft. Install NEW "O" ring on push rod, and insert push rod into push rod bore of caliper. Ensure strut pin is positioned correctly between shaft recess at end of push rod.

NOTE: Caliper Spring Compressor (T87P-2588-B) consists of 4 parts, including 2 spacers used to install parking brake mechanism in caliper.

3. Place key plate over push rod so locating tab fits into drilled hole in caliper. Install flat washer, push rod, spring and spring cover. Install outer snap ring installer spacer into piston bore.
4. Insert inner compressor spacer into piston bore. Place snap ring inside inner spacer. Position spring compressor, screw and cross block on push rod. Lightly screw compressor clockwise to compress spring for installation of snap ring. DO NOT over compress spring. Install snap ring.
5. Lubricate seal, dust boot, piston and bore with clean brake fluid. Install NEW piston seal in bore groove. Install dust boot in piston bore. Spread dust boot over piston and seat in piston groove. Using Brake Piston Remover/Installer (T87P-2588-A), rotate piston clockwise until piston is fully seated. Ensure one slot in piston engages nib on disc pad. See [Fig. 7](#).
6. To complete assembly, reverse disassembly procedure. Bleed and adjust brakes as necessary. See [BLEEDING BRAKE SYSTEM](#).

Disassembly (Crown Victoria, Grand Marquis, & Town Car)

Raise and support vehicle. Remove brake caliper. See [REAR BRAKE CALIPER & PADS](#) under REMOVAL & INSTALLATION. To remove caliper piston, place shop towels in caliper and apply air pressure to brake hose bore. Remove dust boot. Being careful not to scratch caliper bore, remove piston bore seal.

Inspection

Clean all parts with isopropyl alcohol and dry with compressed air. Lubricate piston with clean brake fluid. Replace components if worn, pitted or scored.

Reassembly

Lubricate seal, dust boot, piston and bore with clean brake fluid. Install new piston seal in bore groove. Install dust boot in piston bore. Spread dust boot over piston and seat in piston groove. Install piston. To complete assembly, reverse disassembly procedure. Bleed and adjust brakes as necessary. See [BLEEDING BRAKE SYSTEM](#).