

REMOVAL & INSTALLATION

WARNING: Frequent inhalation of brake pad dust, regardless of material composition, could be hazardous to your health. Avoid breathing dust particles. NEVER use an air hose or brush to clean brush assembly. Use an OSHA-approved vacuum cleaner.

REAR DISC BRAKE PADS

Removal

Raise and support vehicle. Remove wheels. Thoroughly clean outside of caliper to prevent dust and dirt from entering inside. Support caliper with a piece of wire to prevent damage to brake hose. Remove 2 caliper bolts and caliper from bracket. Remove pad shims and pads. Using vernier calipers, measure the thickness of each brake pad lining. Measurement does not include pad backing plate thickness. See **DISC BRAKE SPECIFICATIONS** . Remove pad retainers.

Inspection

Clean caliper thoroughly; remove any rust, and check for grooves and cracks. Check brake disc for damage and cracks. Measure brake pad thickness. See **DISC BRAKE SPECIFICATIONS** . If brake pad thickness is less than service limit, replace pads as a set.

Installation

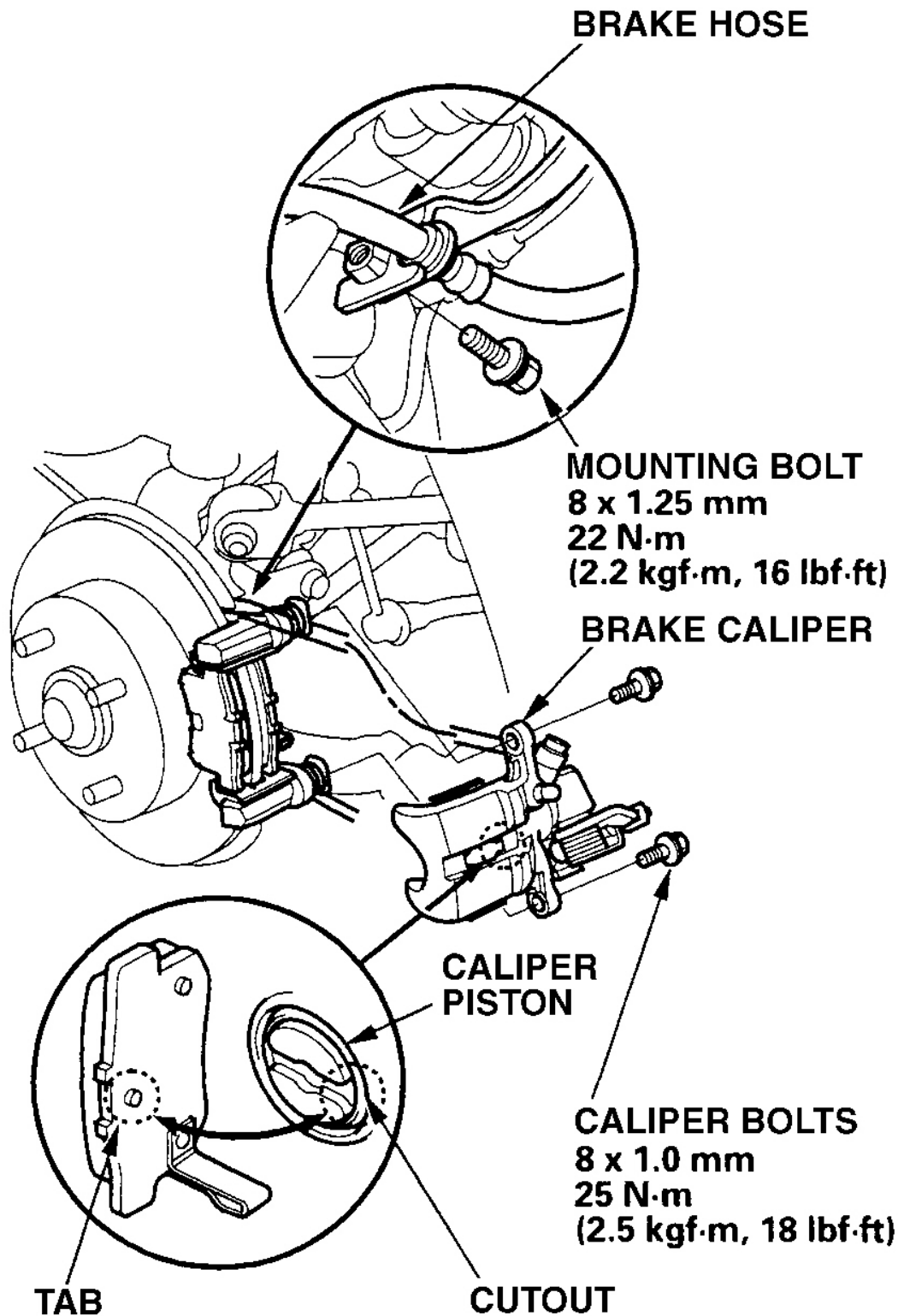
1. Install pad retainers. Apply Molykote M77 compound onto pad side of shim. Wipe excess grease off shim. Keep grease off discs and pads. Install brake pads and shims. Install inner pad with its wear indicator facing downward. If you are reusing pads, install in original position. Rotate caliper piston clockwise into cylinder, then align cutout in piston with tab on inner pad by turning piston back. See **Fig. 15** .
2. Lubricate boot with rubber grease to avoid twisting. If boot is twisted, back it out and position properly. Install brake caliper. Install and torque caliper bolts to proper specification. See **TORQUE SPECIFICATIONS** . Install brake hose onto suspension arm with mounting bolt. After installation, check for leaks. Pump brake pedal several times to seat pads. Bleed brakes as necessary. See **BLEEDING BRAKE SYSTEM** .

NOTE: Engagement of brake may require a greater pedal stroke immediately after brake pads have been replaced as a set. Several applications of brake pedal will restore normal pedal stroke.

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2003 Honda Accord LX

2003-04 BRAKES 'Disc & Drum - Accord



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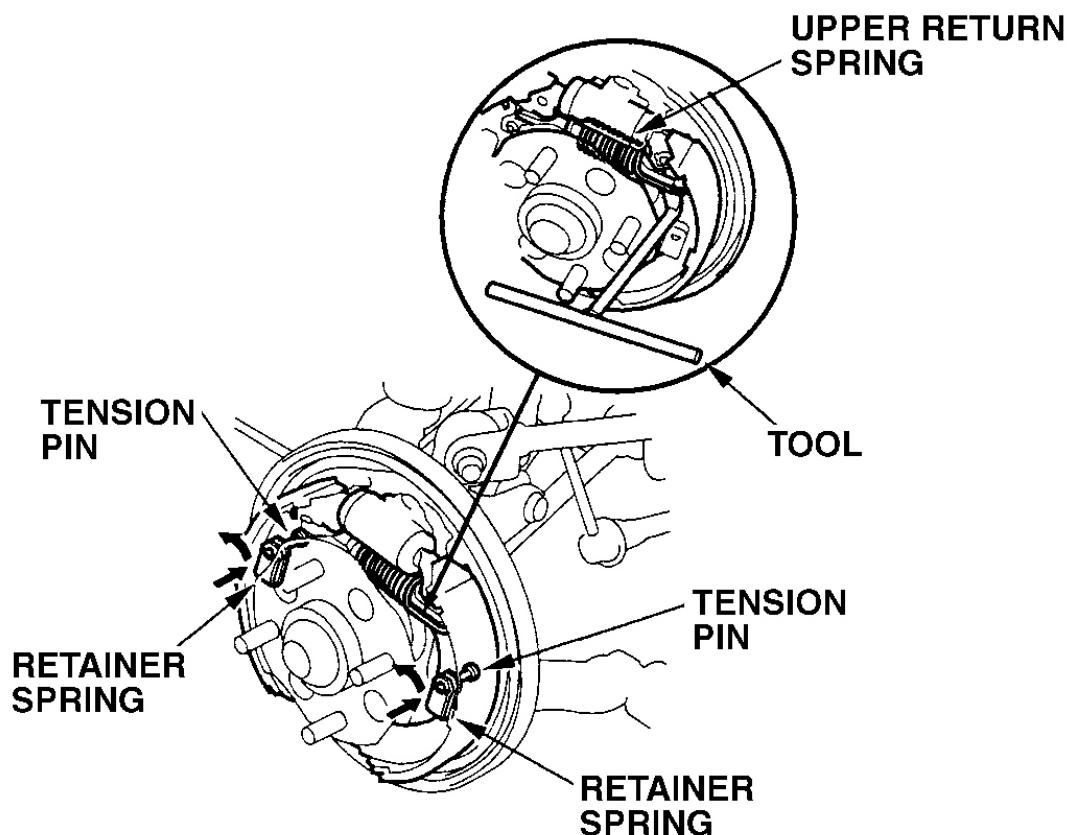
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Fig. 15: Installing Caliper Piston

Courtesy of AMERICAN HONDA MOTOR CO., INC.

REAR BRAKE SHOES**Removal**

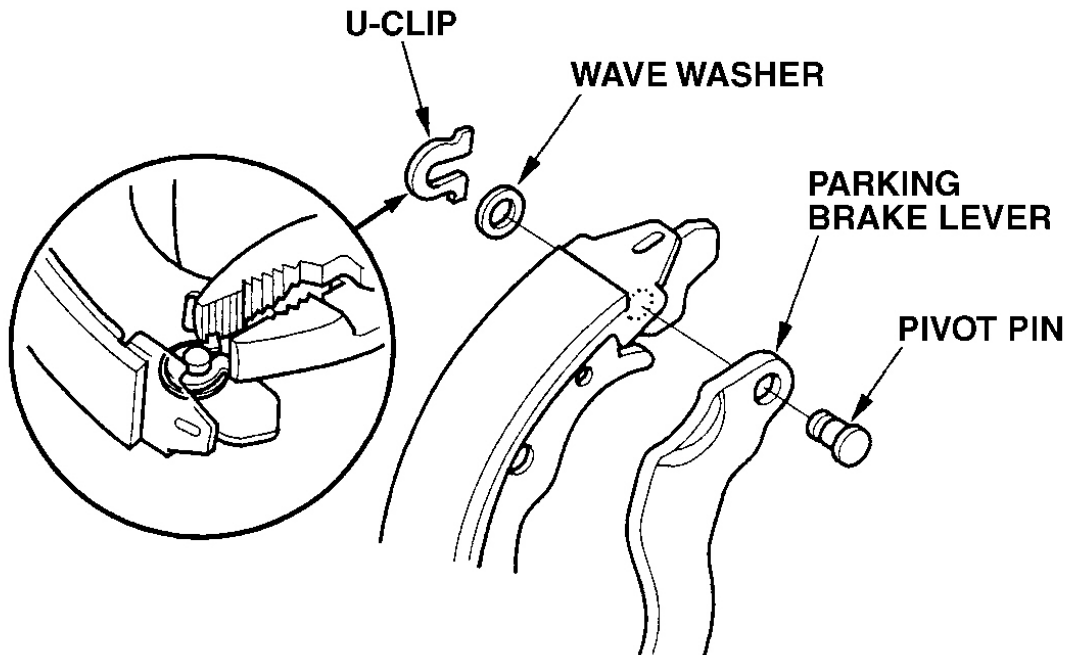
1. Raise and support vehicle. Remove rear wheels. Install two 8 x 1.25 x 12-mm bolts in existing holes. To prevent warpage, alternately turn bolts 2 turns at a time until drum can be removed from hub. Disengage upper return spring with tool. Remove tension pins by pushing retainer spring and turning them. See **Fig. 16** . Lower brake shoe assembly, and remove lower return spring. Make sure not to damage dust cover on wheel cylinder. Disconnect parking brake cable from parking brake lever.
2. Remove brake shoe assembly. Remove upper return spring, self adjuster lever and self-adjuster spring. Separate brake shoes. Remove wave washer, parking brake lever, and pivot pin from brake shoe by removing the U-clip. Apply brake cylinder grease (08733-B0202) or equivalent rubber grease to sliding surface of pivot pin, and insert pin into brake shoe. See **Fig. 17** .



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Fig. 16: Disengaging Upper Return Spring

Courtesy of AMERICAN HONDA MOTOR CO., INC.



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Fig. 17: Identifying Pivot Pin & Brake Shoe
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Inspection

1. See **Fig. 18** for exploded view of brake drum components. Check wheel cylinder for leakage. Check brake linings for cracking, glazing, wear, and contamination. Measure brake lining thickness. Measurement does not include brake shoe thickness. See **DRUM BRAKE SPECIFICATIONS**.
2. If brake lining thickness is less than service limit, replace brake shoes as set. Check bearings on hub unit for smooth operation. If it requires servicing, replace. See appropriate REAR article in SUSPENSION. Measure inside diameter of brake drum with inside vernier calipers.
3. If the inside diameter of brake drum is more than service limit, replace brake drum. Check brake drum for scoring, grooves, and cracks.

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2003 Honda Accord LX

2003-04 BRAKES 'Disc & Drum - Accord

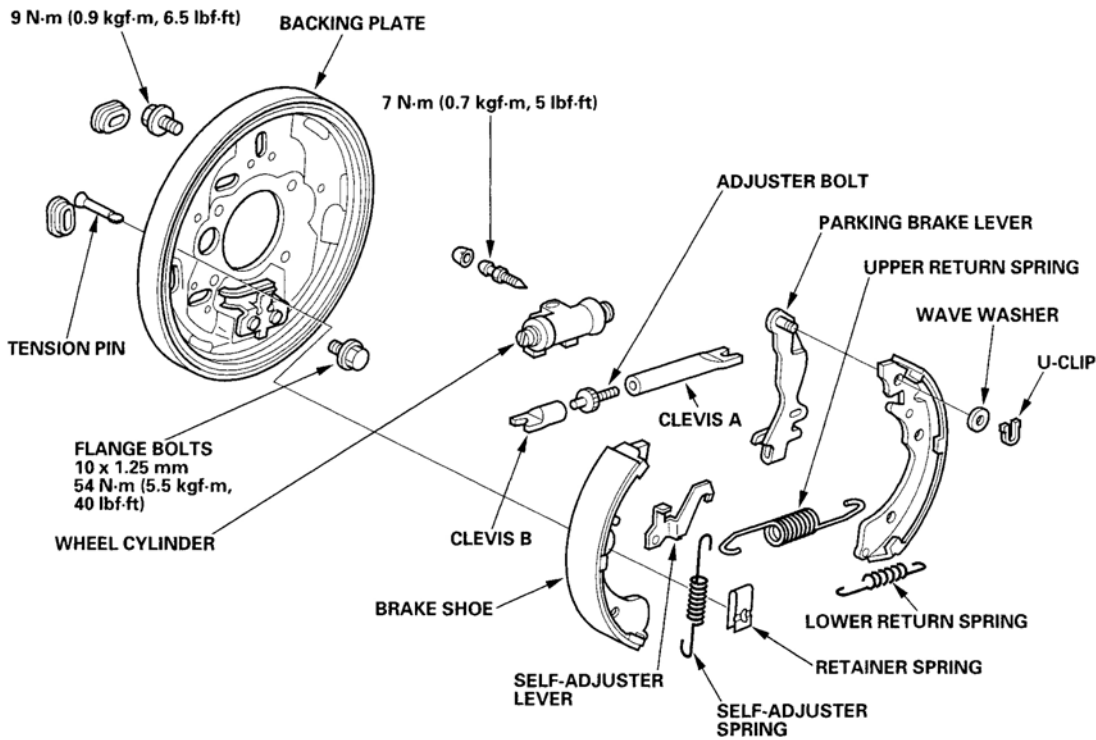
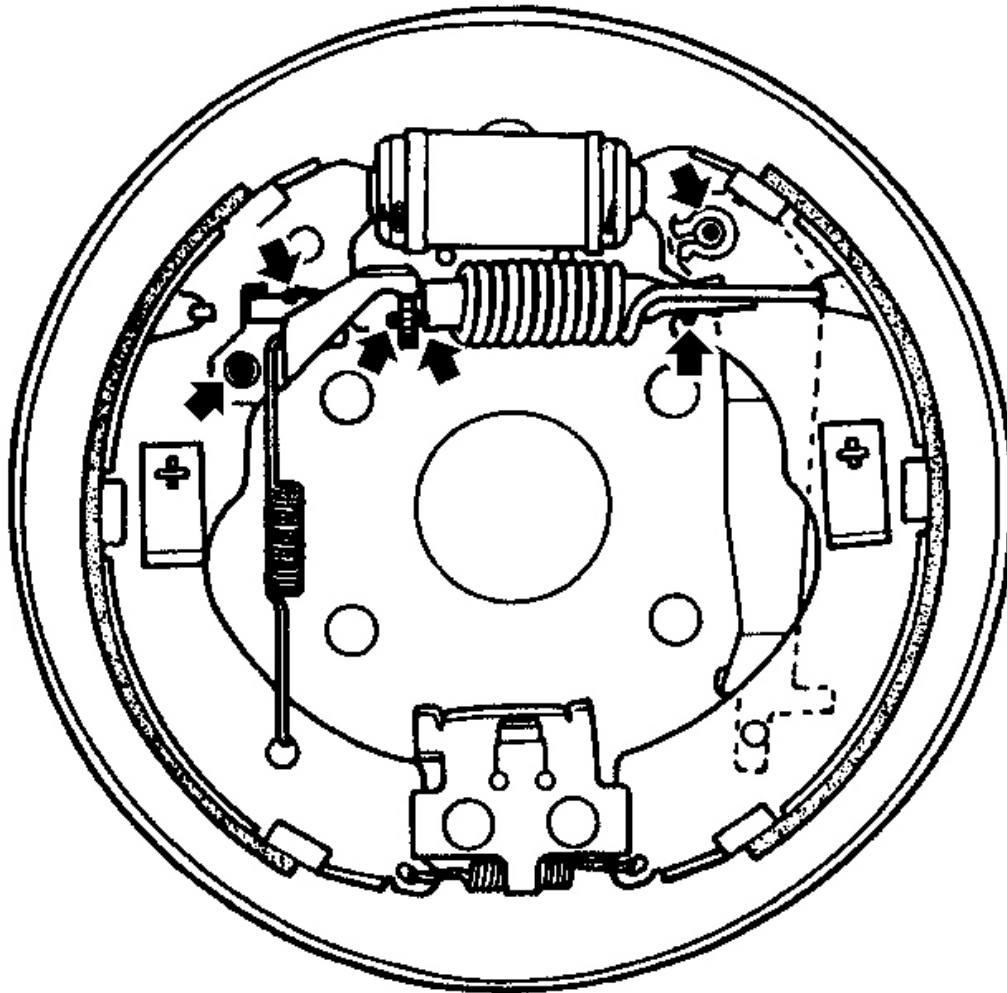


Fig. 18: Exploded View Of Rear Brake Drum Components
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Installation

1. Install parking brake lever and wave washer on pivot pin, and secure with a NEW U-clip. Install wave washer with its convex side facing out. Pinch the U-clip securely to prevent the pivot pin from coming out from brake shoe. Connect parking brake cable to parking brake lever. Clean threaded portions of clevis. Coat threads of clevis with grease. To shorten clevis, turn adjuster bolt.
2. Hook self-adjuster spring to adjuster lever first, then to brake shoe. Install clevis and upper return spring, noting installation direction. Be careful not to damage wheel cylinder dust covers. Install lower return spring. Apply brake cylinder grease (08733-B020E) or equivalent rubber grease to sliding surfaces. See **Fig. 19**.
3. Apply Molykote 44MA to brake shoe ends and opposite edges of shoes. See **Fig. 20**. Wipe off any excess. DO NOT get grease on brake linings. Install brake shoes onto backing plate. Be careful not to damage wheel cylinder dust covers.
4. Install tension pins and retainer springs. Hook upper return spring with tool. Install brake drum. If wheel cylinder has been removed, bleed brake system. See **BLEEDING BRAKE SYSTEM**. Press brake pedal several times to set self-adjusting brake. Adjust parking brake. See **PARKING BRAKE** under ADJUSTMENTS.

➡ ● Sliding Surface

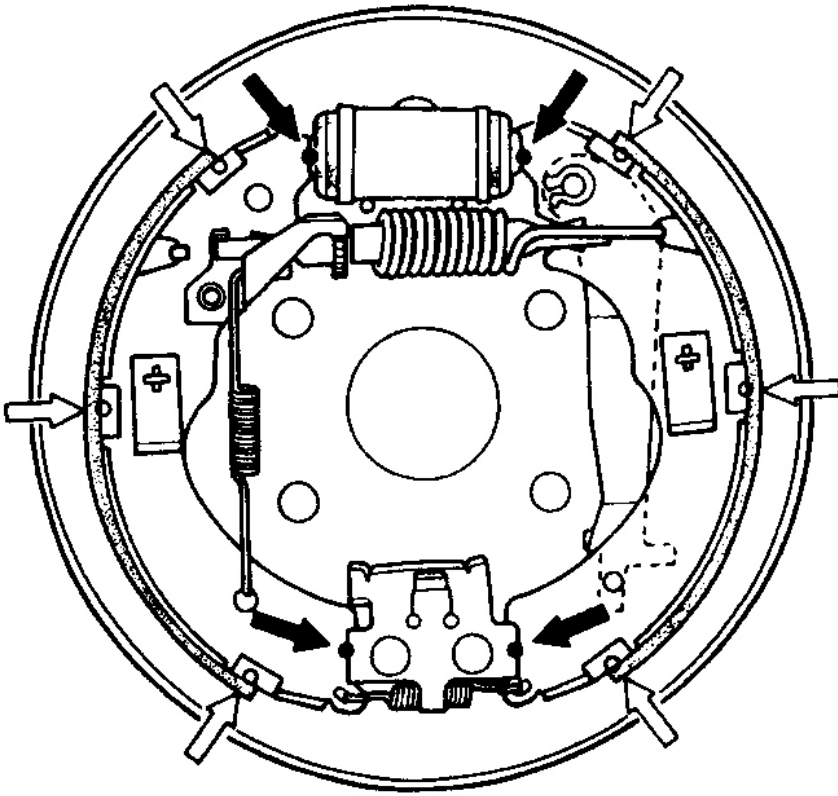


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Fig. 19: Identifying Rear Brake Shoe Lubricating Points
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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- ● Opposite Edge Of The Shoe
 ⇨ ○ Brake Shoe Ends



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Fig. 20: Identifying Rear Brake Shoe Ends & Opposite Edges
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

REAR WHEEL CYLINDER

Removal & Installation

With brake drum and shoes removed, disconnect hydraulic line from wheel cylinder. Remove mounting bolts and remove wheel cylinder from backing plate. Apply sealant between the wheel cylinder and backing plate, and install the wheel cylinder. To complete installation, reverse removal procedure. Adjust brakes and bleed system. See **BLEEDING BRAKE SYSTEM** .