Wilwood Brake Kit for '49-'54 Chevy Spindles

Note: Disc brakes operate in a harsh environment. To prevent bolts from working loose, every threaded fastener should be secured by at least 1 redundant retaining method (safety lock wire, self locking nut, or red #271 Loctite).

1) The hubs are drilled for 2 different bolt circle patterns, 5x 4.5" and 5x 4.75". Select the bolt circle that matches your vehicles wheels. Apply Loctite to the base of the threads of the wheel studs and install them into the appropriate holes. Torque to 77 ft lbs.

2) Install rotor adapter plate on hub (dished side of adapter plate should face hub). Install bolts and torque to 22 ft lbs, secure with lockwire.

3) Install rotor onto adapter plate (verify that beveled ID of rotor lugs face toward the adapter plate and that rotor is seated squarely on adapter). Install bolts and torque to 15 ft lbs, secure with lockwire.
4) Pack wheel bearings with quality high temp disc brake grease, insert large bearing into aft side of hub. Install grease seal until it seats flush with edge of hub.

5) Install hub assembly onto spindle, insert outer wheel bearing, retaining washer, and spindle nut. Snug spindle nut to 50 inch lbs, then back off to first available key slot and insert cotter pin. Install dust cap, checking closely for interference to cotter pin or washer.

6) Install caliper on caliper bracket as shown. Use Loctite on bolt threads, torque to 30 ft lbs.

7) Install caliper and caliper bracket on spindle. Use supplied washers (as required) as shims to center the caliper on the rotor. Torque bolts to 50 ft lbs.

8) Verify that hub and rotor spin freely with no interference or contact with caliper (refer to step 7 and re-shim if required). Insert brake pads into caliper and secure with pin.
Important Notice - Read This First

Before any tear-down or disassembly begins, review the following information:

- Check wheel clearance to verify that there is adequate clearance with the wheels you will be using with the installation.

- Front brake kits do not include flex lines. OEM brake lines will not adapt to Wilwood calipers. Check the assembly instructions, or associated components section for brake line recommendations before assembly. In addition, Wilwood offers an extensive listing of brake lines and fittings on the web: www.wilwood.com.

- Due to OEM production differences and other variations from vehicle to vehicle, the fastener hardware and other components in this kit may not be suitable for a specific application or vehicle.

- It is the responsibility of the purchaser and installer of this kit to verify suitability/fitment of all components and ensure all fasteners and hardware achieve complete and proper engagement. Improper or inadequate engagement can lead to component failure.

Exploded Assembly Diagram

WARNING INSTALLATION OF THIS KIT SHOULD ONLY BE PERFORMED BY PERSONS EXPERIENCED IN THE INSTALLATION AND PROPER OPERATION OF DISC BRAKE SYSTEMS. SPECIFIC PARTS MAY VARY FROM DIAGRAM
WARNING - DO NOT DRIVE ON UNTESTED BRAKES
BRAKES MUST BE TESTED AFTER INSTALLATION OR MAINTENANCE
MINIMUM TEST PROCEDURE

- Make sure pedal is firm. Hold firm pressure on pedal for several minutes. It should remain in position without sinking. If pedal sinks toward floor, check system for fluid leaks. DO NOT drive vehicle if pedal does not stay firm or can be pushed to the floor with normal pressure.

- At very low speed (2-5 mph) apply brakes hard several times while turning steering wheel from full left to full right. Repeat several times. Remove the wheels and check that components are not touching, rubbing or leaking.

- Carefully examine all brake components, brake lines and fittings for leaks and interference.

- Make sure there is no interference with wheels or suspension components.

- Drive vehicle at low speed (15-20 mph) making moderate and hard stops. Brakes should feel normal and positive. Again check for leaks and interference.

- Always test vehicle in a safe place where there is no danger to (or from) other people or vehicles.

- Always wear seat belts and make use of all safety equipment.

Pad Bedding Procedure

- Pump brakes at low speed to assure proper operation. On the race track, or other safe location, make a series of hard stops until some brake fade is experienced. Allow brakes to cool while driving at moderate speed to avoid use of the brakes. This process will properly burnish the brake pads, offering maximum performance.

Associated Components

<table>
<thead>
<tr>
<th>PART #</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>260-1874</td>
<td>Wilwood Residual Pressure Valve (2lb for disc brakes)</td>
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<tr>
<td>260-1876</td>
<td>Wilwood Residual Pressure Valve (10lb for drum brakes)</td>
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<tr>
<td>260-8419</td>
<td>Wilwood Proportioning Valve</td>
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<tr>
<td>260-0632</td>
<td>Wilwood Racing Brake Fluid (Hi-Temp 570°(12oz)</td>
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<tr>
<td>260-6209</td>
<td>Wilwood Racing Brake Fluid (EXP 600 Plus (16.9 oz.)</td>
</tr>
<tr>
<td>340-1285</td>
<td>Wilwood Floor Mount Brake Pedal (with balance bar)</td>
</tr>
<tr>
<td>340-1287</td>
<td>Wilwood Swing Mount Brake Pedal (with balance bar)</td>
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<tr>
<td>260-6764</td>
<td>Wilwood 3/4 inch High Volume Aluminum Master Cylinder</td>
</tr>
<tr>
<td>260-6765</td>
<td>Wilwood 7/8 inch High Volume Aluminum Master Cylinder</td>
</tr>
<tr>
<td>260-6766</td>
<td>Wilwood 1 inch High Volume Aluminum Master Cylinder</td>
</tr>
<tr>
<td>260-4893</td>
<td>1-1/16 inch Tandem Master Cylinder (aluminum housing)</td>
</tr>
<tr>
<td>260-2406</td>
<td>Mounting Bracket Kit (Tandem Master Cylinder)</td>
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<tr>
<td>260-8555</td>
<td>Wilwood 1 inch Aluminum Tandem Chamber Master Cylinder</td>
</tr>
<tr>
<td>260-8556</td>
<td>Wilwood 1-1/8 inch Aluminum Tandem Chamber Master Cylinder</td>
</tr>
<tr>
<td>350-2038</td>
<td>1971-1973 Pinto Rack and Pinion (new, not rebuilt)</td>
</tr>
<tr>
<td>260-2016</td>
<td>Quick Release Steering Hub (3/4 inch shaft)</td>
</tr>
<tr>
<td>260-2017</td>
<td>Quick Release Steering Hub (5/8 inch shaft)</td>
</tr>
<tr>
<td>220-7056</td>
<td>Flexline Kit, Universal, 14 inch, Domestic</td>
</tr>
<tr>
<td>220-7699</td>
<td>Flexline Kit, Universal, 16 inch, Domestic</td>
</tr>
<tr>
<td>220-8307</td>
<td>Flexline Kit, Universal, 18 inch, Domestic</td>
</tr>
</tbody>
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