This Wilwood high performance lightweight master cylinder package features a master cylinder constructed of an aluminum alloy body and plastic reservoir. Included in the package are the correct flare nuts for the brake line connections at the master cylinder. Dimensions and specifications for this master cylinder are as follows:

- Piston Diameter: 1-1/32 inch
- Fluid Displacement: 1.02 Cubic Inches
- Stroke Movement: 1.31 inch
- Bias Split: 69% Front, 31% Rear

**NOTE:**
The master cylinder must be bench bled before installing on the vehicle to eliminate air that may be trapped in the master cylinder bore. Use only new high temperature DOT 3 racing brake fluid from a sealed container.

**BENCH BLEEDING PROCEDURE:**

- Clamp master cylinder in a vise utilizing the mounting flange through which the bolts must pass.
- Install short section of brake line (approx 10") into each outlet port and bend up into their respective reservoir tanks (see diagram below).

**CAUTION:**
BE CAREFUL TO AVOID SPRAYING BRAKE FLUID. DO NOT POSITION FACE DIRECTLY ABOVE RESERVOIR
BENCH BLEEDING PROCEDURE (Continued)

• Fill reservoir with new high temperature DOT 3, DOT 4, or DOT 5.1 brake fluid. Make sure that the open ends of the bleeder tubes are fully submerged in brake fluid.

• With the push rod, slowly apply and release the master cylinder piston until no air bubbles emerge from the ends of the bleeder tubes. **CAUTION:** Be careful not to spray brake fluid up into your face or eyes. **ALWAYS** wear protective eye goggles.

• When no more air bubbles emerge from the bleeder tubes, remove the master cylinder from the vise and install on the vehicle.

• Quickly remove the bleeder tubes and attach the brake lines to the outlet ports one at a time. Do not fully tighten fittings at this time.

• With the brake lines loosened, have an assistant slowly push the brake pedal to the floor and hold it. Tighten fittings, then have assistant release the pedal. Repeat this procedure until no air escapes around the fittings.

• All remaining disc brake calipers and/or wheel cylinders must now be bled to remove air trapped in the brake system.

ASSOCIATED COMPONENTS:
These part numbers/descriptions of associated components are provided for your convenience. Consult your Wilwood representative for assistance when ordering.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>250-2406</td>
<td>Master cylinder mounting bracket kit (Plates, pushrod, dust boot, hardware)</td>
</tr>
<tr>
<td>260-2414</td>
<td>Master cylinder rebuild kit</td>
</tr>
<tr>
<td>260-1874</td>
<td>Two (2) pound residual pressure valve</td>
</tr>
<tr>
<td>260-1876</td>
<td>Ten (10) pound residual pressure valve</td>
</tr>
<tr>
<td>260-2220</td>
<td>Adjustable proportioning valve</td>
</tr>
<tr>
<td>260-0966</td>
<td>Quick check pressure gauge</td>
</tr>
<tr>
<td>290-0632</td>
<td>Hi-Temp° 570 racing brake fluid (12 ounce container)</td>
</tr>
<tr>
<td>290-2210</td>
<td>Hi-Temp° 570 racing brake fluid (6 pack)</td>
</tr>
</tbody>
</table>

**WARNING • DO NOT DRIVE ON UNTESTEST 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 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.