



Technical Service Bulletin

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| TB29 Affected Models: | Hydraulic Slave Cylinders without Bleed Screws |
| Part Number: | Various |
| Problem: | No bleed port present on new slave cylinder. |
| Solution: | Specific Bleed Procedures outlined below. |

You can not use standard bleeding procedures when replacing a clutch slave cylinder that does not have a standard bleed port. The following is the suggested procedures to use with these slave cylinders.

- Push the slave cylinder pushrod in and disconnect both ends of the retaining strap. **Do not cut the straps, just disconnect the ends of the straps.** Release the pushrod and allow it to fully extend.
- Tilt the slave cylinder to a 45 degree angle and pour new clean hydraulic fluid into the hydraulic feed line port until all the air has been expelled, and it is filled with new hydraulic fluid.
- With the slave cylinder still at a 45-degree angle insert the clutch hydraulic line into the port on the slave cylinder. Always inspect the seal and the end of the hydraulic line for damage or deterioration, and repair or replace as necessary.
- Insert the retaining pin for the hydraulic line into the slave cylinder and drive it into place carefully with a punch.
- With the master cylinder reservoir cap removed slowly stroke the slave cylinder pushrod back into the slave cylinder, and reconnects the retaining strap previously removed.
- The slave cylinder is now ready for installation into the vehicle. In some instances it may be necessary to repeat this procedure to insure the hydraulic system is completely free of air.

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