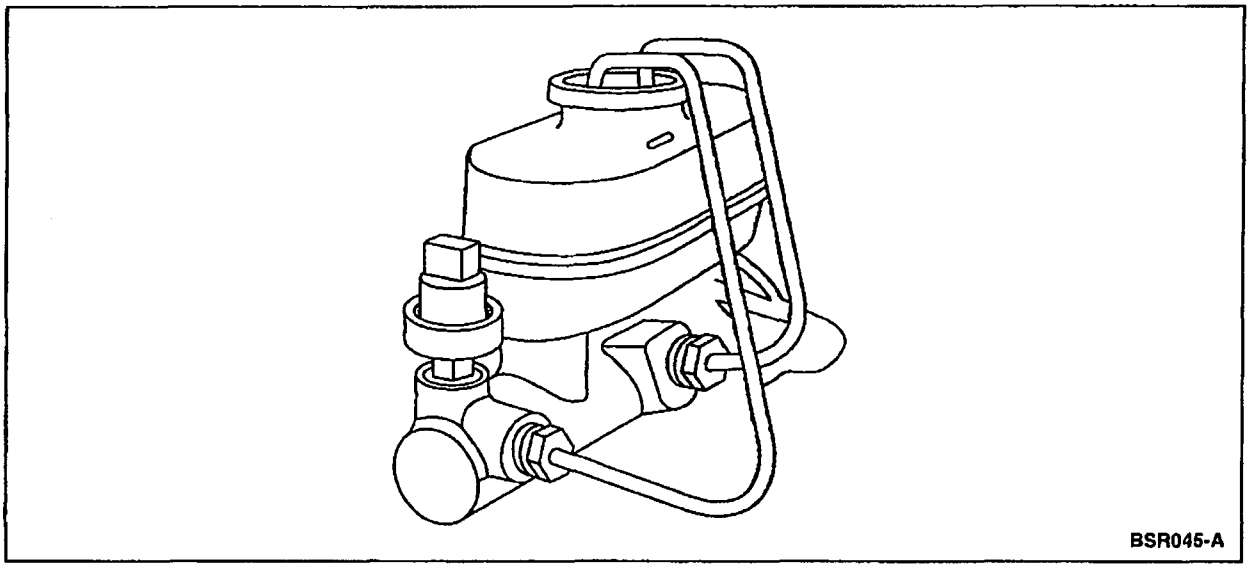
Bench Bleeding a Master Cylinder



BSR045-A

Bench Bleeding a Master Cylinder

Bench bleeding a master cylinder allows all the air to be removed before installing the master cylinder in the vehicle.

- Support the master cylinder body in a vise and fill the reservoir with the specified brake fluid.
- Install short brake bleeding tubes in the master cylinder outlet fittings. Submerge the other end of the tubes in the master cylinder reservoir.
- Slowly pump the master cylinder piston manually to recirculate back to the reservoir in a closed loop until all the air bubbles are gone.
- For detailed instructions refer to the service manual for the specific vehicle you are working on.

Installing a Master Cylinder

After bench bleeding a master cylinder, use the following steps as a general guideline for master cylinder installation:

- Install the master cylinder onto the booster studs.
- Install the retaining nuts and torque to specifications.
- Connect the brake line fittings and use a flare-nut wrench to tighten securely.
- Reconnect the electrical connector to the fluid level sensor, if equipped
- Disconnect the battery ground cable.
- Bleed the entire brake system.
- For detailed instructions refer to the service manual for the specific vehicle you are working on.