

Subject: Subject: Ford Ranger Hydraulic Clutch Bleeding

Vehicle Involved: 1993 – 94 Ford Ranger Clutch Bleeding

Condition: Air trapped in Clutch Master Cylinder

Repair Procedure: Disconnect the plastic hose from the slave cylinder at the transmission. Remove the Clutch Master, and remote reservoir, along with the black plastic clutch hose.

Insert a straighten paper clip into the slave end of the hose. This will hold open the internal check valve in the hose. Submerge the hose with clip into a container of DOT 3 brake fluid.

Keeping the brake fluid container higher than the Master cylinder, push the Master cylinder rod in slowly, until no air comes out of the hose end.

Be sure to hold the Master Cylinder so that air in the cylinder bore will be pushed out the outlet port, and expelled through the hose.

To verify the cylinder and hose are free of air, remove the paper clip. Push on the Master Cylinder rod, and if it is firm, it is ready to be installed on the vehicle.

Once installed on the vehicle, bleed the slave cylinder until all air is removed from cylinder. Test-drive the vehicle to verify the repair.

