

CLUTCH SYSTEM BLEEDING INSTRUCTIONS

If, during the course of the installation, you introduced air into the clutch system, the system must be bled before attempting to drive the vehicle. The following procedure is the only way to ensure that all air is bled from the system. Because the bleeder is approximately 4" above the clutch slave cylinder, you will not be using the bleeder. The process you will be using is known as vacuum bleeding.

What you will need:

- Vacuum source with gauge capable of pulling 25-30" Hg
- Rubber stopper at least 1.5" diameter at the large end
- Fitting to connect vacuum source to rubber stopper.
- A small can of new Dot3 brake fluid
- A catch can between the vacuum source and rubber stopper

Remove the cap from the brake master cylinder (the brakes and clutch use the same reservoir). Place the rubber stopper (hooked to the vacuum source) over the opening in the master cylinder. While holding the stopper flush against the opening, begin to pull a vacuum in the system until the stopper is sealed. Continue to pull a vacuum to about 25-28" Hg. Get inside the vehicle and rapidly pump the clutch pedal 25 – 30 times, making sure that the pedal is allowed to return to the full up position each time. At this time, you should be able to see a column of fluid in the hose between the stopper and the catch can. There should be bubbles coming up through the column of fluid. If not, repeat the process of pumping the clutch pedal rapidly (rapid pumping of the pedal breaks up the air so that it can be pulled out of the system).

Depending on how much air you have in the system, you may need to pull a vacuum 3 or 4 times before you get all of the air out. Also, it is not uncommon for air to move overnight requiring a bleed the next day. When done, replenish the fluid in the reservoir.

NOTE: Each time you are done pulling a vacuum, you must pump up both the clutch and brake pedals. It is easier to pump up the brake pedal with the engine running. Failure to pump up both pedals following a vacuum pull can result in serious injury or death.

