

## Clutch System Bleeding



**WARNING:** Brake fluid contains polyglycol ethers and polyglycols. Avoid contact with the eyes. Wash hands thoroughly after handling. If brake fluid contacts the eyes, flush the eyes for 15 minutes with cold water. Get medical attention immediately if irritation persists. If taken internally, drink water and induce vomiting. Get medical attention immediately. Failure to follow these instructions may result in personal injury.



**CAUTION:** Make sure the brake fluid in the clutch system reservoir is maintained between the minimum and maximum levels throughout the bleed procedure using new brake fluid.



**CAUTION:** If brake fluid comes into contact with the paintwork, it should be washed down immediately with cold water.

**1. NOTE:**

Make sure of absolute cleanliness when filling brake fluid.

**NOTE:**

Do not re-use brake fluid.

As necessary, fill the clutch system reservoir with brake fluid.

**2.**

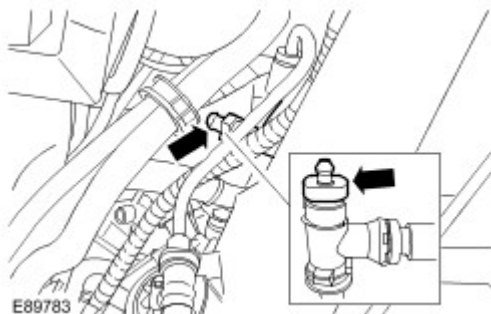


**WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

**3. Remove the bleed nipple cover.**

**4. Connect a clear bleed tube to the bleed nipple and submerge the free end into a clear container of brake fluid.**



**5. Bleed the clutch system.**

- Loosen the bleed nipple by 2 turns.
- Apply steady pressure to the clutch pedal, depressing it through its full stroke.
- Hold the pedal down and tighten the bleed nipple.
- Return the pedal to return its normal position.

6. Repeat the procedure until a flow of clean, air-free brake fluid is purged into the container.

7. **NOTE:**

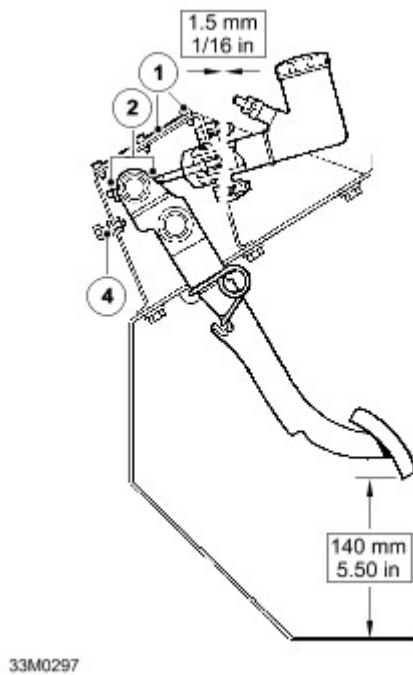
Do not re-use brake fluid.

Check and top up the clutch system reservoir.

8. Remove the stands and lower the vehicle.

## Clutch Pedal Freeplay Adjustment

1. Remove 6 screws and detach pedal box top cover and gasket.
2. Slacken both locknuts on master cylinder push-rod.
3. Check distance from lower edge of clutch pedal to floor. Correct measurement is 140 mm (5.50 in) without floor mat.



4. Adjust pedal stop as necessary to obtain correct setting.
5. Adjust master cylinder push rod to obtain approximately 1.5 mm (1/16 in) free play between push-rod and master cylinder piston.
6. Tighten push rod locknuts.
7. Check operation of clutch pedal and ensure that there is a minimum of 6 mm (0.25 in) of free play before pressure is felt. if necessary, readjust master cylinder push-rod.
8. Fit top cover and gasket to pedal bracket.
9. On RH drive vehicles, refit air cleaner.