



## CLUTCH TECHNICAL GUIDE

TBC63

### Background:

We have received a large volume of enquiries regarding the correct procedure for bleeding the new style of push-in fitting featured on Nissan, Renault, Ford, and Mazda vehicles fitted with Concentric Slave Cylinders.

To ensure correct function of the clutch kit, we recommend this bleeding procedure:

**NOTE: Do not use a vacuum assist or any other type of power bleeder on this system. Use of a vacuum assist or power bleeder will not purge all the air from the system.**

1. Fill master cylinder reservoir tank with new clutch fluid.
2. Connect a transparent vinyl tube and container to the bleeding connector (1) on the CSC.
3. Depress and release the clutch pedal slowly and fully 15 times at an interval of 2 to 3 seconds and release the clutch pedal.
4. Push in the lock pin (2) of the bleeding connector (3) and maintain the position.

**NOTE:** Hold the lock pin in to prevent the bleeding connector from separating when fluid pressure is applied.

5. Slide the clutch tube (3) in the direction of the arrow as shown to bleed the air from the tube.
6. Depress the clutch pedal and hold it, and then bleed air from the piping. Wait for 5 seconds.

**NOTE:** Hold the clutch pedal down to prevent air from getting back into the clutch system.

7. Return the clutch tube and lock pin to their original positions.
8. Release clutch pedal and wait for 5 seconds.
9. Repeat steps 3 to 8 until no bubbles are observed in the clutch fluid.

