2014 CLUTCH Clutch System - Viper



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Fig. 15: Telescoping Slave Cylinder Courtesy of CHRYSLER GROUP, LLC

- 1. Position the release bearing slave cylinder (1) onto the input shaft.
- 2. Install the bolts to hold the slave cylinder (1) into the transmission. Refer to **SPECIFICATIONS**.
- 3. Install the transmission.
- 4. Connect the hydraulic line to the slave cylinder (1).
- 5. Bleed the system if necessary.

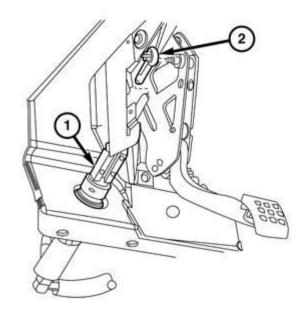
CYLINDER, CLUTCH MASTER

REMOVAL

REMOVAL

- 1. Disconnect the battery negative cable. Refer to **CABLES, BATTERY, REMOVAL**.
- 2. Remove the screws holding the left lower closure panel to the instrument panel and disconnect wire harness connectors.
- 3. Release the lock securing the wire connector to the clutch pedal position switch.
- 4. Disengage the wire connector from the clutch pedal position switch.

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Fig. 16: Clutch Master Cylinder & Master Cylinder Actuation Rod Courtesy of CHRYSLER GROUP, LLC

5. Disconnect the master cylinder actuation rod (2) from clutch pedal arm pivot pin.

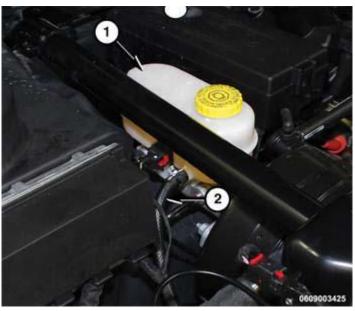


Fig. 17: Master Cylinder & Feed Tube Courtesy of CHRYSLER GROUP, LLC

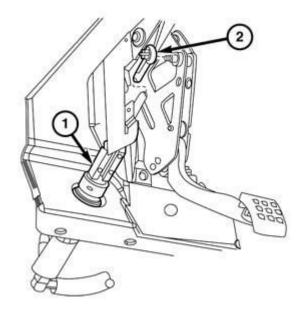
6. Disconnect the fluid feed tube from the brake master cylinder reservoir. Cap the reservoir and plug the tube.

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Fig. 18: Peak Torque Limiter & Pressure Hose Courtesy of CHRYSLER GROUP, LLC

7. Disconnect the hydraulic line from the PTL (2)



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Fig. 19: Clutch Master Cylinder & Master Cylinder Actuation Rod Courtesy of CHRYSLER GROUP, LLC

8. Rotate the clutch master cylinder (1) counterclockwise 1/4 turn and pull it forward until the actuator rod (2) clears the toe box.

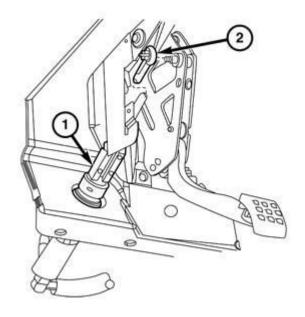
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9. Separate the clutch master cylinder (1) from the vehicle.

INSTALLATION

INSTALLATION

1. Pre-fill the new clutch master cylinder and slowly cycle the actuator rod to flush clean fluid thought it, then cap the inlet and outlet ports. This will ease the bleeding process.



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Fig. 20: Clutch Master Cylinder & Master Cylinder Actuation Rod Courtesy of CHRYSLER GROUP, LLC

- 2. Place the clutch master cylinder (1) in position on the vehicle and insert the actuator rod through the hole in the toe box.
- 3. Push the clutch master cylinder rearward until the retaining threads engage with the toe box.
- 4. Rotate the clutch master cylinder (1) clockwise 1/4 turn to lock the clutch master cylinder in position.