

# **Component Procedures: Clutch Fluid**

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# Component Procedures: Clutch Fluid

## Specifications Quick Reference (itype\_439)

Quick Specifications

- item

## Hydraulic Clutch System Bleeding (Article 14039)

Special Tools

- J-35555 - Metal Mityvac
- J 43485 - Power Steering Bleeder Adapter
- Clutch pedal must be in the full up position to properly bleed the system.
- Verify that all the lines and fittings are dry and secure.
- Clean the dirt and grease from the reservoir cap in order to ensure that no foreign substances enter the system.
- Remove the reservoir cap.
- Fill the reservoir to the proper level with the required fluid. Some manual transmission equipped vehicles have a combined brake and clutch fluid reservoir.
- Attach the J 43485 - power steering bleeder adapter to the J-35555 - Metal Mityvac , or equivalent.
- Place and hold the adapter on the reservoir filler neck to ensure a tight fit. In some cases, the adapter will fit into the reservoir opening.
- Apply a vacuum of 51–68 kPa (15–20 hg) and remove the adapter.
- Refill the reservoir to the proper level.
- Repeat steps 6 and 7.
- If needed, refill the reservoir and continue to pull a vacuum until no more bubbles can be seen in the reservoir or until the fluid level no longer drops.
- Pump the clutch pedal until firm (to refill actuator cylinder).
- Add additional fluid if needed.
- Test drive the vehicle to ensure proper operation.

## Adhesives, Fluids, Lubricants, and Sealers (Article 14042)

Application Type of Material GM Part Number

United States Canada Brazil

Clutch Hydraulic Fluid DOT 3 Hydraulic Brake Fluid 12377967 89021320 Refer to Owner's Manual and Electronic Parts Catalog.