

Component Procedures: Brake Fluid Reservoir

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Component Procedures: Brake Fluid Reservoir

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Master Cylinder Reservoir	22956543	Master Cylinder Reserv?	66.50	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Hydraulic System > Master Cylinder Reservoir,?	B	0.3	0.2

Brake Master Cylinder Reservoir Filling (Article 10679)

- Visually inspect the brake fluid level through the brake master cylinder reservoir .
- If the brake fluid level is at or below the half-full point during routine fluid checks, the brake system should be inspected for wear and possible brake fluid leaks.
- If the brake fluid level is at or below the half-full point during routine fluid checks, and an inspection of the brake system did not reveal wear or brake fluid leaks, the brake fluid may be topped-off up to the maximum-fill level.
- If brake system service was just completed, the brake fluid may be topped-off up to the maximum-fill level.
- If the brake fluid level is above the half-full point, adding brake fluid is not recommended under normal conditions.
- If brake fluid is to be added to the master cylinder reservoir , clean the outside of the reservoir on and around the reservoir cap prior to removing the cap and diaphragm.
- Use only GM approved brake fluid from a clean, sealed brake fluid container to SLOWLY fill the brake master cylinder reservoir to avoid spillage due to overfilling. Adhesives, Fluids, Lubricants, and Sealers

Brake Master Cylinder Reservoir Replacement (Article 10680)

Removal Procedure

- Remove the brake fluid from the master cylinder reservoir .
- Disconnect the clutch master cylinder supply hose, if equipped. Cap the hose to prevent brake fluid loss and contamination.
- Disconnect the brake fluid level indicator switch electrical connector.
- Remove the master cylinder reservoir bolts (1). [Click for full-size image](#)
- Remove the master cylinder reservoir (1). Carefully pull the reservoir straight upward. [Click for full-size image](#)
- Remove the master cylinder reservoir seals (1). [Click for full-size image](#)

Installation Procedure

- If installing the original master cylinder reservoir, clean the master cylinder reservoir with denatured alcohol and dry with filtered, non-lubricated compressed air.
- Install the master cylinder reservoir seals (1). Lubricate the seals with GM approved or equivalent brake fluid from a clean, sealed brake fluid container. [Click for full-size image](#)
- Install the master cylinder reservoir (1). Carefully press the reservoir straight downward. [Click for full-size image](#)
- Install the master cylinder reservoir bolts (1) and tighten to 8 Nm (71 lb in) . [Click for full-size image](#)
- Connect the clutch master cylinder supply hose, if equipped.
- Connect the brake fluid level indicator switch electrical connector.
- Fill the master cylinder reservoir. Refer to Brake Master Cylinder Reservoir Filling .

All Technical Service Bulletins (itype_100)

Tsbs

- Brakes - Brake Fluid Seepage at Master Cylinder Cap (09-05-22-005C, 2013/07/29)

Customer Interest Bulletins (itype_109)

Tsbs

- Brakes - Brake Fluid Seepage at Master Cylinder Cap (09-05-22-005C, 2013/07/29)

Leaks (itype_149)

Tsbs

- Brakes - Brake Fluid Seepage at Master Cylinder Cap (09-05-22-005C, 2013/07/29)