

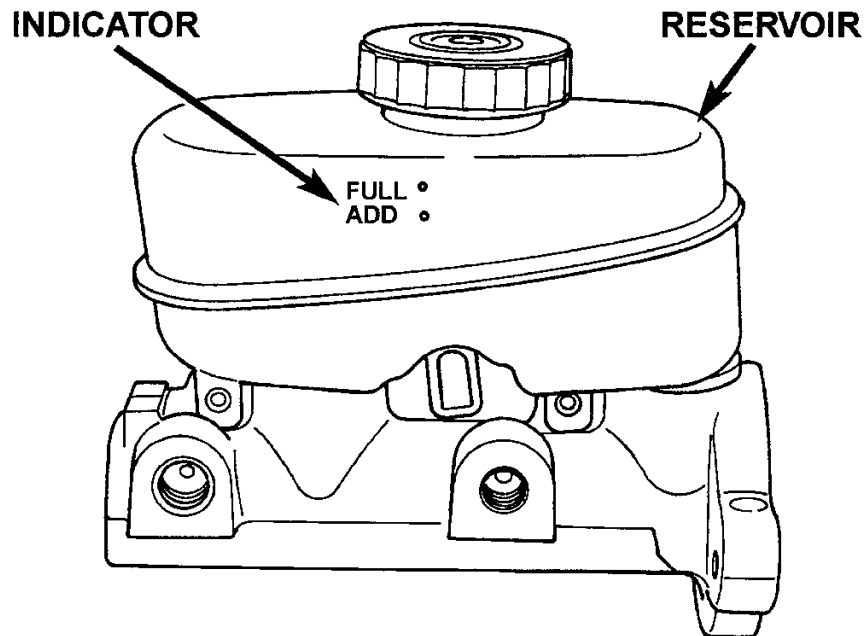
# Component Procedures: Brake Fluid

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## Component Procedures: Brake Fluid

Procedures (itype\_376)



### Technician Safety Information (itype\_15)

#### SAFETY PRECAUTIONS

##### WARNING:

Brake fluid

may be irritating to the skin or eyes. In case of contact, take the following actions:

- \* Eye Contact-rinse eyes thoroughly with water.
- \* Skin Contact-wash skin with soap and water.

### Fluid Types (itype\_31)

#### BRAKE FLUID

Specification

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DOT 3

Standard

SAE J1703

NOTE:

The brake fluid used in this vehicle must conform to DOT 3 specifications and SAE J1703 standards. No other type of brake fluid is recommended or approved for usage in the vehicle brake system. Use only Mopar brake fluid or an equivalent from a tightly sealed container.

CAUTION:

Never use reclaimed brake fluid or fluid from a container which has been left open. An open container of brake fluid will absorb moisture from the air and contaminate the fluid.

Never use any type of a petroleum based fluid in the brake hydraulic system

. Use of such type fluids

will result in seal damage of the vehicle brake hydraulic system causing a failure of the vehicle brake system. Petroleum based fluids would be items such as engine oil, transmission fluid

, power steering fluid, etc.

## Fluid Types and Capacities (itype\_436)

Fluid Types

## Component Tests and General Diagnostics (itype\_383)

### CAUTION:

The hydraulic fluid used in automotive brake systems is hygroscopic. This means that the hydraulic fluid tends to absorb moisture from the atmosphere over periods of time. As hydraulic brake fluid

absorbs moisture, it effects the function of the vehicles hydraulic brake system. For this reason, the vehicle's hydraulic brake fluid should be drained and replaced using fresh clean hydraulic brake fluid every two years. When replacing hydraulic brake fluid, use only Mopar brake fluid or an equivalent from a sealed container. Brake fluid must conform to DOT 3 specifications.

### BRAKE FLUID CONTAMINATION

Indications of fluid contamination are swollen or deteriorated rubber parts. Swelling indicates the presence of petroleum in the brake fluid.

To test for contamination, put a small amount of drained brake fluid in clear glass jar. If the fluid separates into layers, there is mineral oil or other fluid contamination of the brake fluid.

If the brake fluid is contaminated, drain and thoroughly flush the brake system. Replace all the rubber parts or components containing rubber coming into contact with the brake fluid. This includes the master cylinder

,  
proportioning valve  
s, caliper seals,  
wheel cylinder  
seals,  
ABS hydraulic control unit

(  
HCU  
)

, and all hydraulic fluid hoses.