

## Brake Master Cylinder - LHD RWD (70.30.08)

### Removal

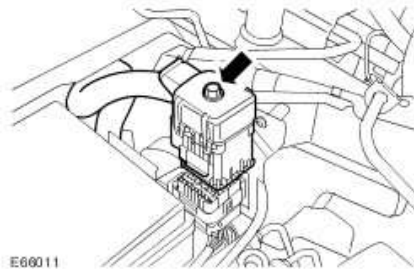


**CAUTION:** Brake fluid will damage paint finished surfaces. If spilled, immediately remove the fluid and clean the area with water.

1. Remove the brake fluid reservoir.  
For additional information, refer to Brake Fluid Reservoir (70.30.16)

2. Release and disconnect the electrical connector.

► Fully loosen the bolt.



3. **NOTE:**

Some fluid spillage is inevitable during this operation.

Disconnect the brake master cylinder lines.

4

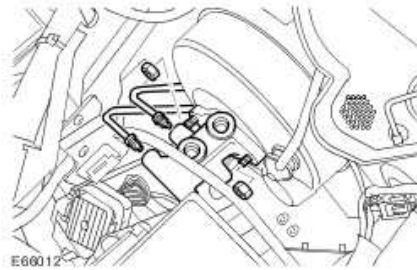


**CAUTION:** Before disconnecting or removing the components, ensure the area

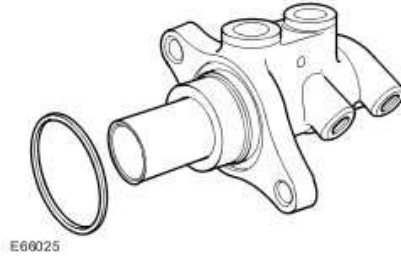
around the joint faces and connections are clean. Plug open connections to prevent contamination.

Remove the brake master cylinder.

▶ Remove the 2 nuts.



5 . Remove and discard the O-ring seal.




## Installation

1 . Install a new O-ring seal.

2 . Install the brake master cylinder.

▶ Tighten the nuts to 25 Nm (18 lb.ft).

3 . Connect the brake master cylinder lines.

 Tighten the brake line unions to 17 Nm (13 lb.ft).

4 . Connect and secure the electrical connector.

 Tighten the bolt.

5 . Install the brake fluid reservoir.

For additional information, refer to Brake Fluid Reservoir (70.30.16)

# Brake Master Cylinder - RHD RWD (70.30.08)

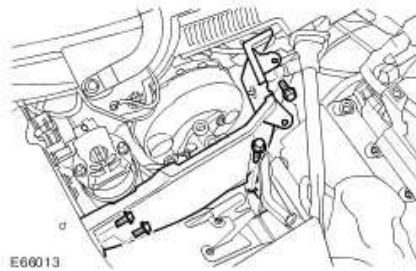
## Removal



**CAUTION:** Brake fluid will damage paint finished surfaces. If spilled, immediately remove the fluid and clean the area with water.

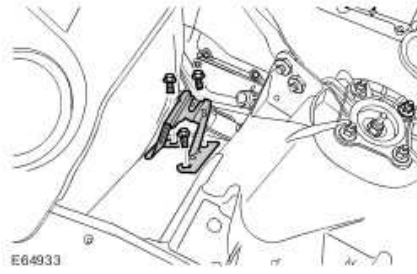
- 1 . Remove the coolant expansion tank.  
For additional information, refer to Coolant Expansion Tank (26.15.01)
- 2 . Remove the brake fluid reservoir.  
For additional information, refer to Brake Fluid Reservoir (70.30.16)
- 3 . Release the plenum box sidewall.

▶ Remove the 4 bolts.



- 4 . Remove the coolant expansion tank mounting bracket.

▶ Remove the 3 nuts.



5 . **NOTE:**

Some fluid spillage is inevitable during this operation.

Disconnect the brake master cylinder lines.

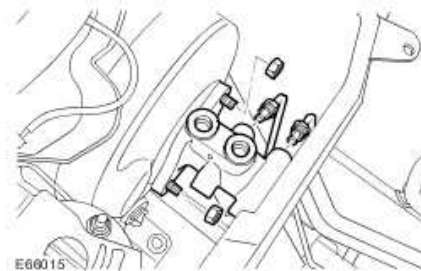
6



**CAUTION:** Before disconnecting or removing the components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Remove the brake master cylinder.

➤ Remove the 2 nuts.



7 . Remove and discard the O-ring seal.



## Installation

- 1 . Install a new O-ring seal.
- 2 . Install the brake master cylinder.
  - ▶ Tighten the nuts to 25 Nm (18 lb.ft).
- 3 . Connect the brake master cylinder lines.
  - ▶ Tighten the brake line unions to 17 Nm (13 lb.ft).
- 4 . Install the plenum chamber panel.
  - ▶ Tighten the bolts to 10 Nm (7 lb.ft).
- 5 . Install the coolant expansion tank mounting bracket.
  - ▶ Tighten the nuts to 10 Nm (7 lb.ft).
- 6 . Remove the brake fluid reservoir.  
For additional information, refer to Brake Fluid Reservoir (70.30.16)
- 7 . Install the coolant expansion tank.

For additional information, refer to Coolant Expansion Tank (26.15.01)

# Brake Fluid Reservoir (70.30.16)

## Removal



**CAUTION:** Brake fluid will damage paint finished surfaces. If spilled, immediately remove the fluid and clean the area with water.

### 1 . NOTE:

LH illustration shown, RH is similar.

Remove the air intake cover.

▶ Remove the 4 clips.



### 2 . Siphon the fluid from the brake master cylinder.

▶ Position an absorbent cloth to collect fluid spillage.

### 3 . Disconnect the low brake fluid warning indicator switch electrical connector.

### 4 .



**CAUTION:** Always plug any open connections to prevent contamination.

**NOTE:**