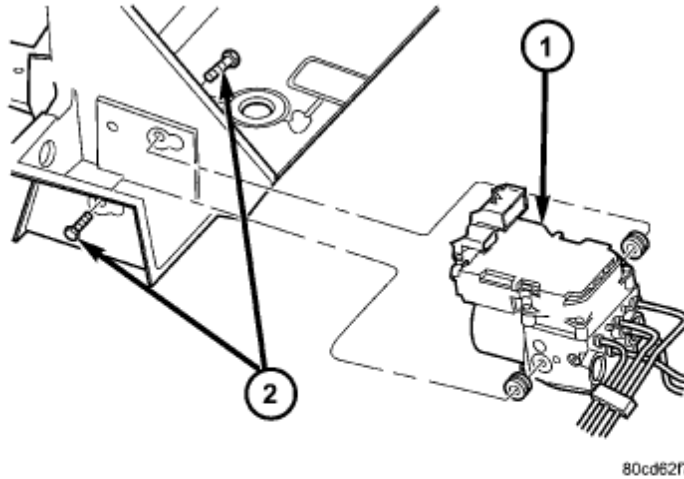


## DODGE TRUCK ABS LOCATION AND REMOVAL INSTRUCTIONS;

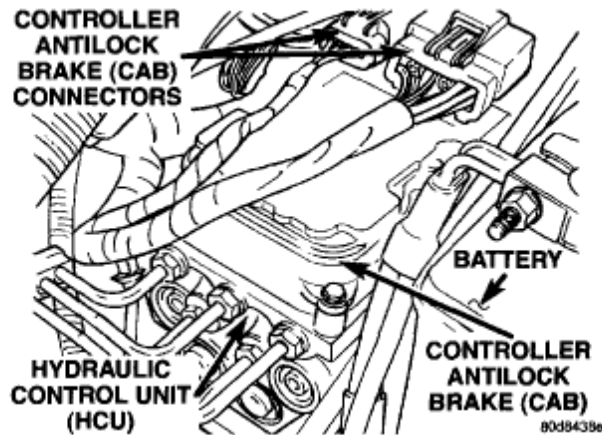


80cd6217

**Fig. 5 HYDRAULIC CONTROL UNIT**

1 - HYDRAULIC CONTROL UNIT

2 - MOUNTING BOLTS



80d9439a

### REMOVAL

1. Remove the negative battery cable from the battery.
2. Pull up on the CAB harness connector release and remove connector.
3. Remove the CAB mounting bolts.

4. Remove the pump connector from the CAB.
5. Remove the CAB from the HCU.

#### **CONTROLLER ANTILOCK BRAKE (CAB)**

The Controller Antilock Brake (CAB) is mounted to the Hydraulic Control Unit (HCU) and operates the ABS system.

The CAB voltage source is through the ignition switch in the RUN position. The CAB contains a self check program that illuminates the ABS warning light when a system fault is detected. Faults are stored in a diagnostic program memory and are accessible with the DRB III scan tool. ABS faults remain in memory until cleared, or until after the vehicle is started approximately 50 times. Stored faults are not erased if the battery is disconnected.

#### **TRW EBC 325 CONTROLLER ANTILOCK BRAKE**

The CAB includes a microprocessor and six solenoids that control brake pressure during antilock braking. The CAB also has circuits that monitor the following:

- Brake switch input is monitored to determine whether or not to prepare for possible ABS braking
- Monitor the brake fluid level switch input to tell whether or not the state of the hydraulics has a problem
- Wheel speed sensors are monitored to determine when a wheel is tending to lock up. The CAB will operate the valves in the HCU to control braking pressure during ABS braking
- Detect ABS system related problems and take diagnostic action
- Able to execute self-tests and output control commands