

REMOVAL AND INSTALLATION (Continued)

Master Cylinder**Removal**

1. With engine OFF, pump brake pedal until all vacuum is removed from booster. This will prevent master cylinder seal from being sucked into booster during disassembly.
2. Disconnect electrical connector from master cylinder assembly (fluid level indicator).
3. Remove brake tubes from primary and secondary outlet ports of master cylinder. Plug ports to prevent brake fluid from leaking onto paint and wiring.
4. Remove two nuts retaining master cylinder to brake booster assembly.
5. Slide master cylinder forward and upward from vehicle.

Installation

1. Install new seal into groove in master cylinder. Ensure seal is seated properly or booster will leak.
2. Position master cylinder assembly onto two studs on booster assembly.
3. Install two retaining nuts and tighten to 21-29 N·m (16-21 lb-ft).
4. Install front and rear brake tubes to master cylinder outlet ports and tighten to 14-24 N·m (10-18 lb-ft).
5. Connect fluid level indicator electrical connector to master cylinder assembly.
6. Fill master cylinder reservoir with specified brake fluid to full mark on side of reservoir. Use Heavy Duty Brake Fluid C6AZ-19542-AA or BA (ESA-M6C25-A) or DOT-3 equivalent.
7. Bleed master cylinder and primary and secondary brake systems as outlined.
8. Bleed entire brake system using special bleeding adapter as outlined.
9. Operate brake several times, then check for external leaks.

Hydraulic Control Unit (HCU)**Taurus/Sable****Removal**

1. Disconnect and remove battery from vehicle.
2. Remove battery tray from vehicle.
3. Remove three plastic push pins holding acid shield to HCU mounting bracket and remove acid shield.
4. Disconnect 19-pin connector from HCU to wire harness, and disconnect 4-pin connector from HCU to pump motor relay.

5. Remove two tubes from inlet ports and four tubes from outlet ports of HCU. Plug each port to prevent brake fluid from spilling onto paint and wiring.

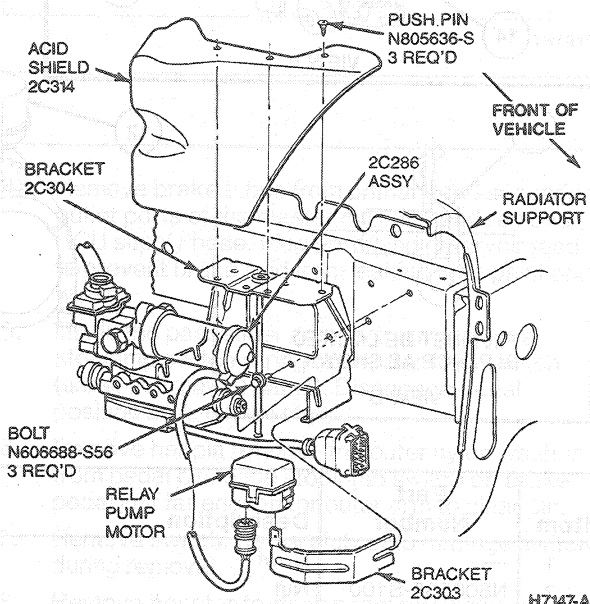
NOTE: Nut on front of HCU also retains the relay mounting bracket.

6. Remove three nuts retaining HCU assembly to mounting bracket and remove assembly from vehicle.

Installation

NOTE: Attach relay mounting bracket with nut on front of HCU.

1. Position HCU assembly into mounting bracket. Install three retaining nuts and tighten to 16-24 N·m (12-18 lb-ft).
2. Connect four tubes to outlet ports on side of HCU and two tubes to inlet ports on rear of HCU and tighten to 15-20 N·m (11-15 lb-ft).
3. Connect 19-pin connector to harness and 4-pin connector to pump motor relay.
4. Install acid shield and three plastic push pins holding acid shield to HCU mounting bracket.
5. Install battery tray.
6. Install battery and connect cables.
7. Bleed brake systems, as outlined and check for fluid leaks.

**Taurus SHO****Removal**

1. Disconnect battery ground cable. Remove ABS module and mounting bracket from top of HCU mounting bracket.
2. Disconnect 19-pin connector retaining HCU to wire harness and disconnect 4-pin connector HCU to pump motor relay.