

Solenoid

Inspection

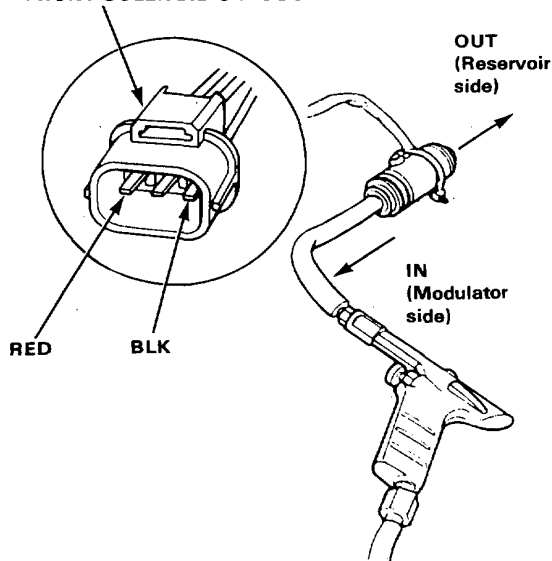
1. Connect a tube to the inlet of the solenoid valve. Apply compressed air to the solenoid valve through the tube.
2. Check the solenoid valve for proper operation by connecting a 12 V fully charged battery to the 3-P coupler terminals:

Voltage not applied: There should be no air flow.

Black — Red: There should be air flow through IN and OUT.

Black — Yellow: There should be air flow through IN.

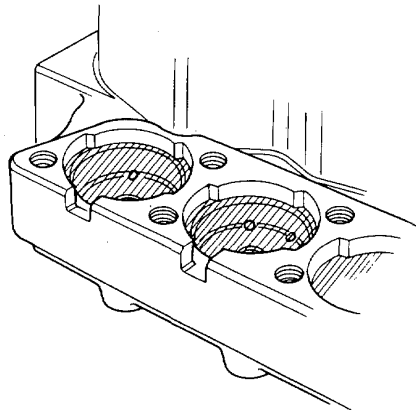
FOR EXAMPLE:
FRONT SOLENOID 3-P COUPLER



Installation

1. Fill the modulator body with brake fluid up to the step in the solenoid mounting hole.

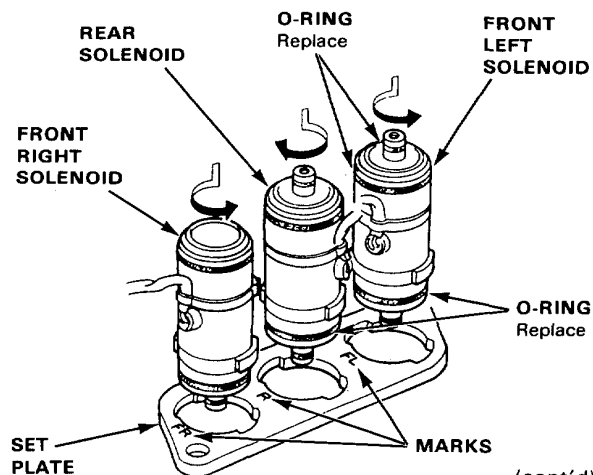
NOTE: On solenoid valve assembly, place shop rags over the solenoid valve and under the modulator valve to prevent the brake fluid from spilling on the valve.



2. Coat the O-ring with the clean brake fluid and install the O-ring onto the solenoid valve.
3. Install the solenoid valves on the set plate.

⚠ WARNING Each solenoid valve and set plate are marked for correct installation. If the solenoid valves are interchanged, the system will not work properly. Refer to the marks and be sure to install them in correct positions.

- Align the projection on the solenoid valve with the cutout in the set plate and turn the valve 1/2 turn. The solenoid wire should face rearward.



(cont'd)