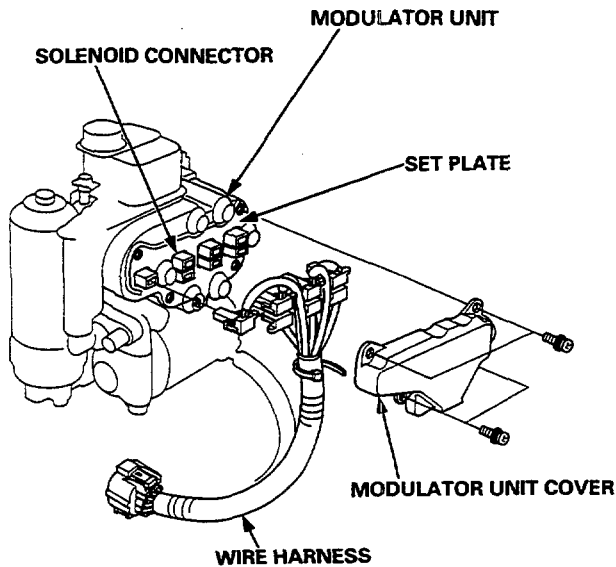


# Modulator Unit

## Wire Harness Replacement

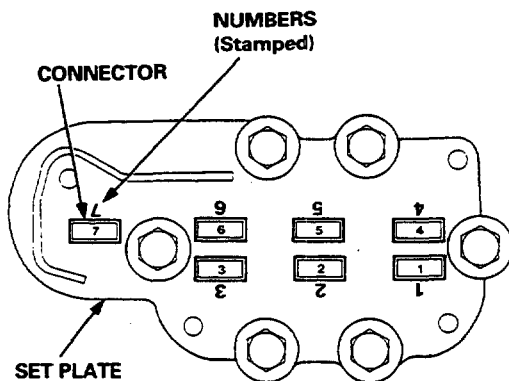
1. Remove the modulator unit from the car (see page 19-134).
2. Remove the modulator unit cover, and remove the wire harness.



3. Check the numbers stamped on the set plate, and connect each connector of the new wire harness to the set plate of the corresponding number.

NOTE: Be sure that each connector is locked securely with the two locking tabs.

4. Install the modulator unit cover and modulator unit.

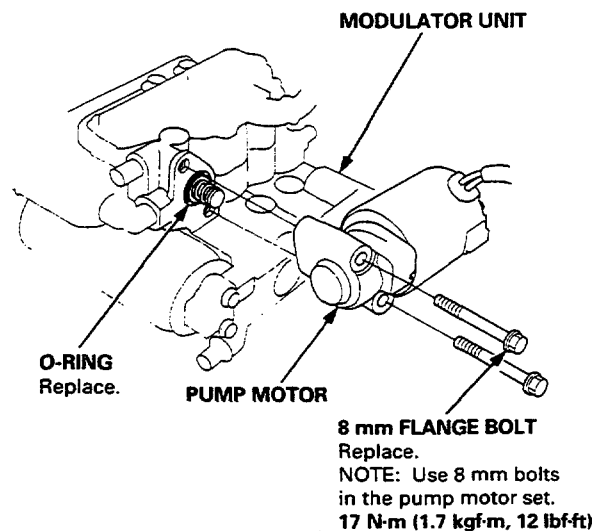


5. Check the ABS function using the ALB checker (see page 19-129).

## Pump Motor Replacement

**⚠ WARNING** The modulator unit contains high-pressure brake fluid. Be sure to bleed the high-pressure fluid from the modulator unit before removing the pump motor.

1. Bleed the high-pressure brake fluid from the modulator unit (see page 19-132).
2. Remove the modulator unit from the car (see page 19-134).
3. Remove the 8 mm flange bolts from the modulator unit, and remove the pump motor.



4. Install the pump motor in the reverse order of removal.

### NOTE:

- After installing the modulator unit, add fresh brake fluid until the reservoir is refilled to the specified level, and bleed air from the system (see page 19-132).
- Turn the ignition switch on, and check for the ABS indicator light operation.

## Disposal

**⚠ WARNING** The accumulator contains high pressure nitrogen gas. Do not puncture, expose to flame, weld, drop or apply impact to the accumulator, or attempt to remove the accumulator from the modulator unit. The modulator unit may explode and severe personal injury may result.

1. Drain the high-pressure brake fluid from the modulator unit (see page 19-132).
2. Secure the modulator unit in a vise so that the relief plug points straight up.
3. Loosen the relief plug three and a half turns slowly, and wait for three minutes for all pressure to escape.
4. Remove the accumulator from the modulator unit.
5. Remove the relief plug completely and dispose of the accumulator.

