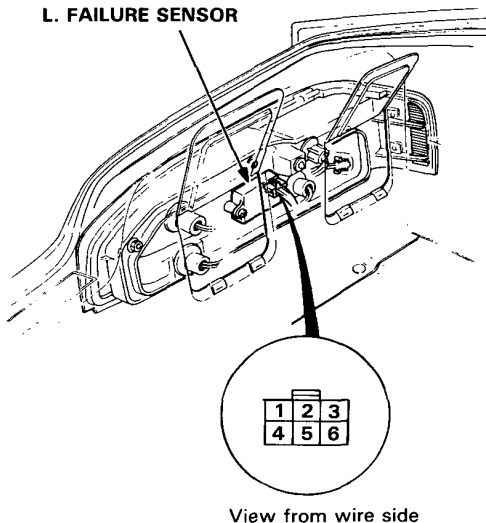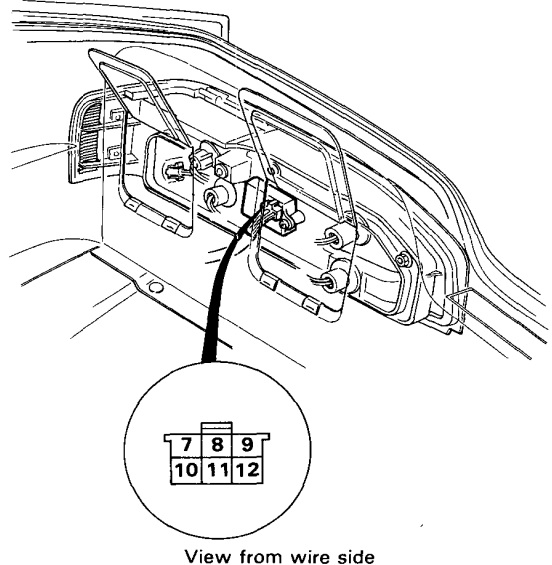# Safety Indicator

Brake Light Failure Sensor Test

1. First make sure the brake lights come on when the brake pedal is pressed.

   - If none of the brake lights come on, check the brake light circuit (see page 16-119).

   - If one of the brake lights does not comes on, check whether the bulb is blown. If the bulb is OK, go to step 2.

   - If all the brake lights come on, go to step 2.

2. Open the trunk lid and the maintenance lid of the left taillight. Make sure the [BRAKE LAMP] of the safety indicator does not come on when the No.1 terminal of the 6-P connector is grounded and the ignition switch is turned OFF to ON.

L. FAILURE SENSOR

View from wire side

   - If the [BRAKE LAMP] comes on, check for an open in the No. 1 wire between the safety indicator and the left failure sensor and whether the safety indicator has a problem.

   - If the [BRAKE LAMP] does not come on, go to step 3.

3. Make sure the [BRAKE LAMP] does not come on when the ignition switch is turned OFF to ON with the No.3 terminal of the 6-P connector grounded and the brake peal pressed.

   - If the [BRAKE LAMP] comes on, replace the left failure sensor.

   - If the [BRAKE LAMP] does not come on, go to step 4.

4. Open the maintenance lid of the right taillight. Make sure the [BRAKE LAMP] does not come on when the ignition switch is turned OFF to ON with the No.7 terminal of the 6-P connector grounded and the brake pedal pressed.

View from wire side

   - If the [BRAKE LAMP] comes on, there is an open in the No. 7 wire between the left failure sensor and the right failure sensor.

   - If the [BRAKE LAMP] does not come on, go to step 5.

5. Make sure the [BRAKE LAMP] does not come on when the ignition switch is turned OFF to ON with the No.9 terminal of the 6-P connector grounded and the brake pedal pressed.

   - If the [BRAKE LAMP] comes on, replace the right failure sensor.

   - If the [BRAKE LAMP] does not come on, check for an open in the No. 9 wire between the right failure sensor and ground, and check whether the G501 (G503 for KG model) terminal is poor.