Safety Indicator

Brake Light Failure Sensor Test (Coupe/Sedan)

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 23-151).
   - If one of the brake lights does not come 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 remove the left outer taillight access panel. Make sure the brake light in the safety indicator does not come on when the WHT/GRN terminal of the 6-P connector is grounded and the ignition switch is turned from OFF to ON.

   ![LEFT FAILURE SENSOR](image)

   View from wire side

   - If the light comes on, check for an open in the WHT/GRN wire between the safety indicator and the left failure sensor, and whether the safety indicator circuit (printed circuit board) has a problem.
   - If the light not come on, go to step 3.

3. Make sure the brake light does not come on when the ignition switch is turned from OFF to ON with the GRN terminal of the 6-P connector grounded and the brake pedal pressed.

   - If the brake light comes on, replace the left failure sensor.
   - If the brake light does not come on, go to step 4.

4. Remove the right outer taillight access panel. Make sure the brake light does not come on when the ignition switch is turned from OFF to ON with the GRN terminal of the 6-P connector grounded and the brake pedal pressed.

   ![RIGHT FAILURE SENSOR](image)

   View from wire side

   - If the brake light comes on, there is an open in the GRN wire between the left failure sensor and the right failure sensor.
   - If the brake light does not come on, go to step 5.

5. Make sure the brake light does not come on when the ignition switch is turned OFF to ON with the BLK terminal of the 6-P connector grounded and the brake pedal pressed.

   - If the brake light comes on, replace the right failure sensor.
   - If the brake light does not come on, check for an open in the BLK wire between the right failure sensor and ground, and check whether the G701 terminal is loose.
Brake Light Failure Sensor Test (Wagon)

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 23-153).
   - If one of the brake lights does not come 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 tailgate and remove the right outer taillight access panel. Make sure the brake light in the safety indicator does not come on when the WHT/GRN terminal of the 6-P connector is grounded and the ignition switch is turned from OFF to ON.
   - If the light comes on, check for an open in the WHT/GRN wire between the safety indicator and the right failure sensor, and whether the safety indicator circuit (printed circuit board) has a problem.
   - If the light does not come on, go to step 3.

3. Make sure the brake light does not come on when the ignition switch is turned from OFF to ON with the WHT/GRN terminal of the 6-P connector grounded and the brake pedal pressed.
   - If the brake light comes on, replace the right failure sensor.
   - If the brake light does not come on, go to step 4.

4. Remove the left outer taillight access panel. Make sure the brake lamp light does not come on when the ignition switch is turned from OFF to ON with the GRN terminal of the 6-P connector grounded and the brake pedal pressed.
   - If the brake lamp light comes on, there is an open in the GRN wire between the left failure sensor and the right failure sensor.
   - If the brake lamp light does not come on, go to step 5.

5. Make sure the brake lamp light does not come on when the ignition switch is turned from OFF to ON with the BLK terminal of the 6-P connector grounded and the brake pedal pressed.
   - If the brake lamp light comes on, replace the left failure sensor.
   - If the brake lamp light does not come on, check for an open in the BLK wire between the left failure sensor and ground, and check whether the G605 terminal is loose.