

Troubleshooting

DTC 2-1: Parking Brake

The ABS control unit monitors the parking brake signal during the regular diagnosis (during driving). It turns the ABS indicator light on if it detects the parking brake ON signal for 30 seconds.

Possible causes:

- Driving with the parking brake applied
- Low fluid level in the master cylinder reservoir
- Blown brake system light bulb
- Open circuit or short to body ground between the brake system light and ABS control unit
- Parking brake switch stuck ON
- Short to body ground between the brake system light and parking brake switch
- Brake fluid level switch stuck ON
- Short to body ground between the brake system light and brake fluid level switch
- Faulty ABS control unit

— With engine running, ABS indicator light is ON.
— With the SCS service connector connected (see page 19-40), DTC 2-1 is indicated.

Check the brake system light power source:

1. Turn the ignition switch ON (II).
2. Press the parking brake pedal.

Does the brake system light come on?

YES

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NO

Check for an open in the IG1 circuit:

1. Disconnect the gauge assembly 22P connector.
2. Measure the voltage between terminal No. 22 and body ground.

Is there battery voltage?

NO

YES

Check the brake system light bulb.

Is the bulb OK?

NO

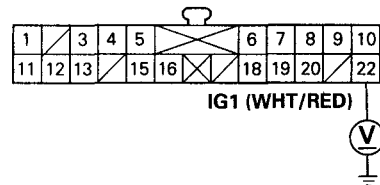
YES

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- Meter relay stuck OFF.
- Repair open in the wire between the METER (15 A) fuse in the under-hood fuse/relay box and gauge assembly.
- Repair open in the wire between the METER (7.5 A) fuse in the under-dash fuse/relay box and body ground.

Replace the brake system light bulb.

GAUGE ASSEMBLY 22P CONNECTOR

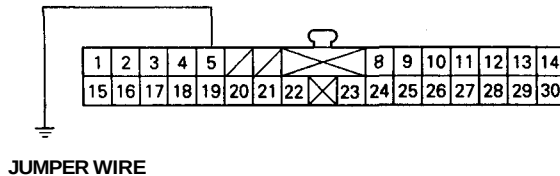


Wire side of female terminals

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Check the gauge assembly:

1. Connect the gauge assembly 22P connector.
2. Connect the gauge assembly 30P connector terminal No. 5 to body ground with a jumper wire.

GAUGE ASSEMBLY 30P CONNECTOR**PARK (GRN/RED)**

Wire side of female terminals

Does the brake system light come on?

NO

Replace the printed circuit board in the gauge assembly.

YES

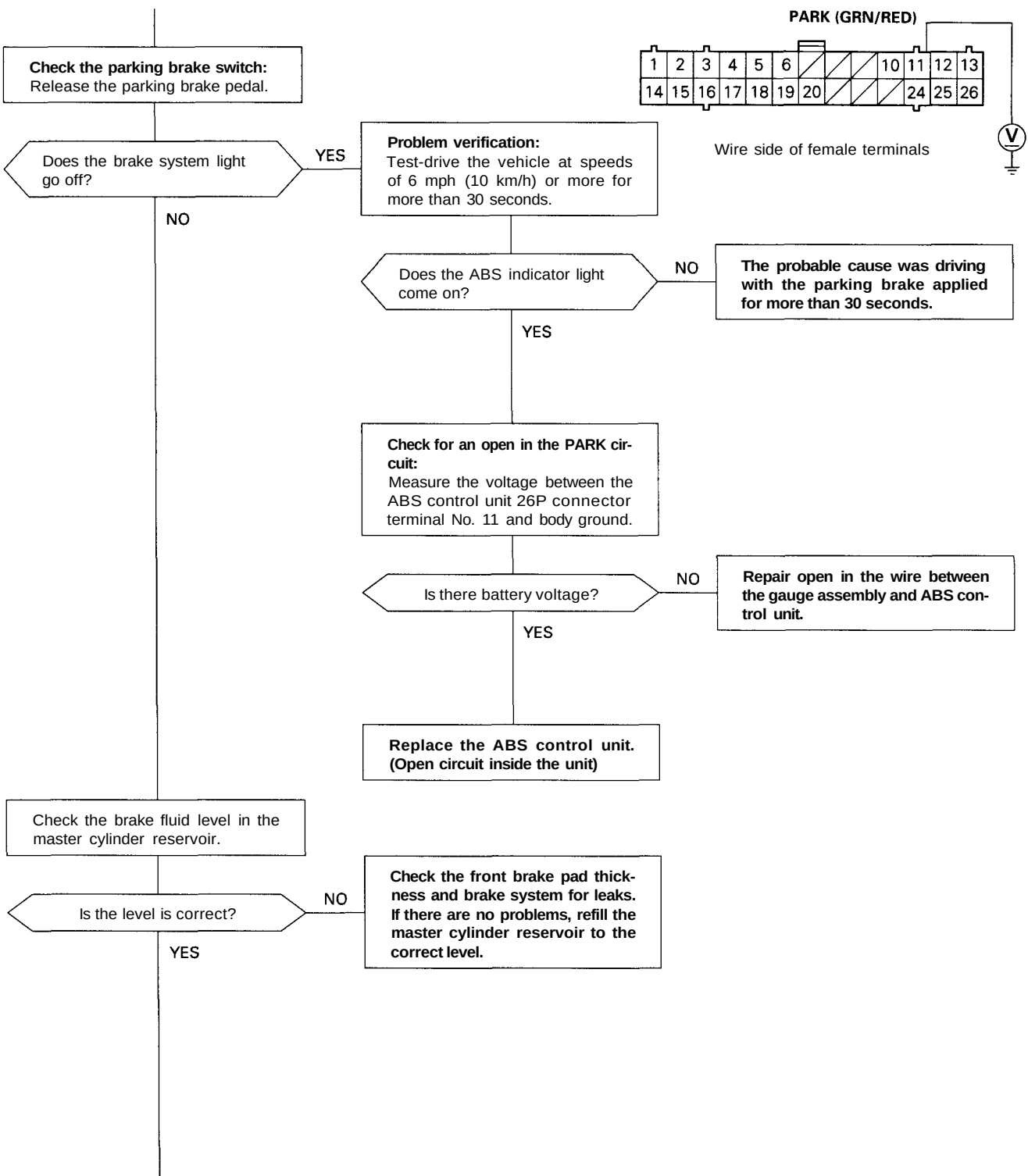
Repair open in the wire between the gauge assembly and parking brake switch.

(cont'd)

Troubleshooting

DTC 2-1: Parking Brake (cont'd)

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