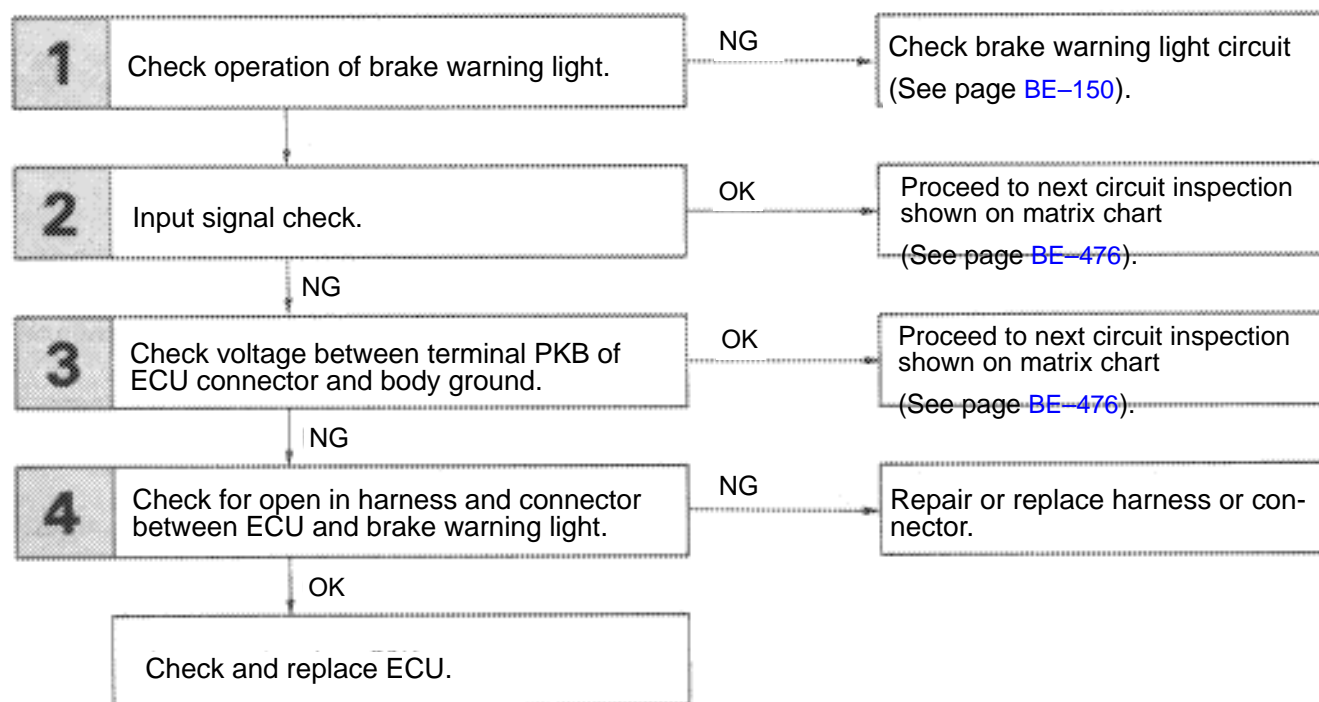


Parking Brake Switch Circuit

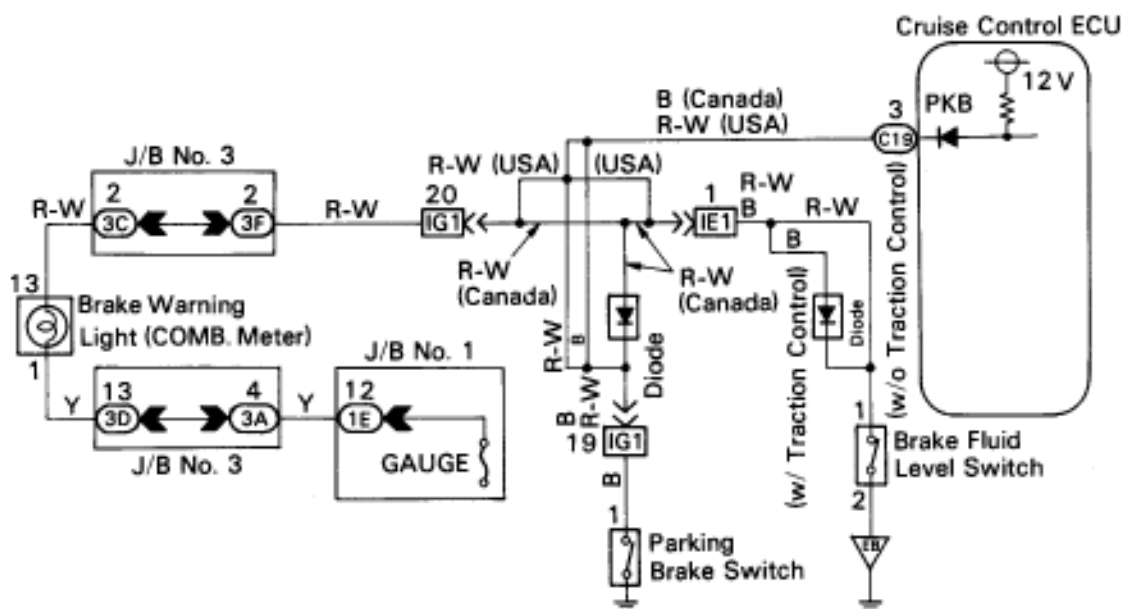
— CIRCUIT DESCRIPTION —

When the parking brake lever is pulled up, the parking brake switch sends a signal to the ECU. When this signal is input to the ECU during cruise control driving, the ECU cancels cruise control.

— DIAGNOSTIC CHART —



WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check operation of brake warning light.

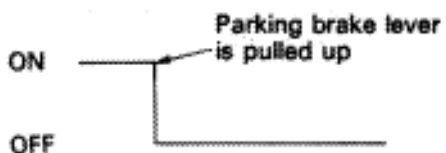
- C** Check that the brake warning light in the instrument panel comes on when the parking brake lever is pulled up with the engine running, and the light goes off when the parking brake lever is released.

OK

NG

Check brake warning light circuit (See page [BE-150](#)).

2 Input signal check.



- C**
- (1) See input signal check on page [BE-470](#).
 - (2) Check the indicator light when the parking brake lever is pulled up.

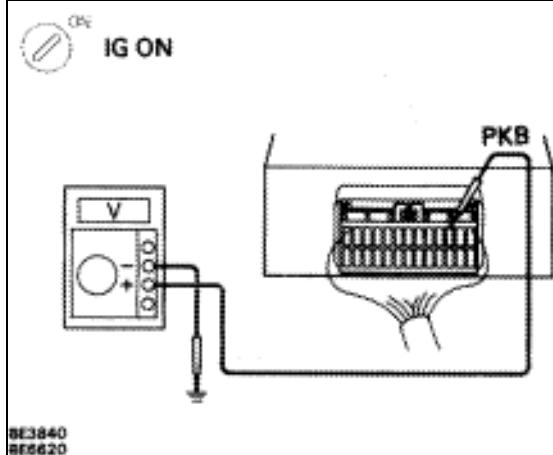
OK The indicator light goes off when the parking brake lever is pulled up.

NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [BE-476](#)).

3 Check voltage between terminal PKB of ECU connector and body ground.



P Remove ECU with connectors still connected.

- C**
- (1) Turn ignition switch ON.
 - (2) Measure voltage between terminal PKB of ECU connector and body ground. When parking brake lever pulled up and release.

OK

Parking brake	Voltage
Pulled up	Below 2 V
Release	10 – 14 V

NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [BE-476](#)).

4 Check for open in harness and connector between ECU and brake warning light (See page [IN-27](#)).

NG

OK

Repair or replace harness or connector.

Check and replace ECU.