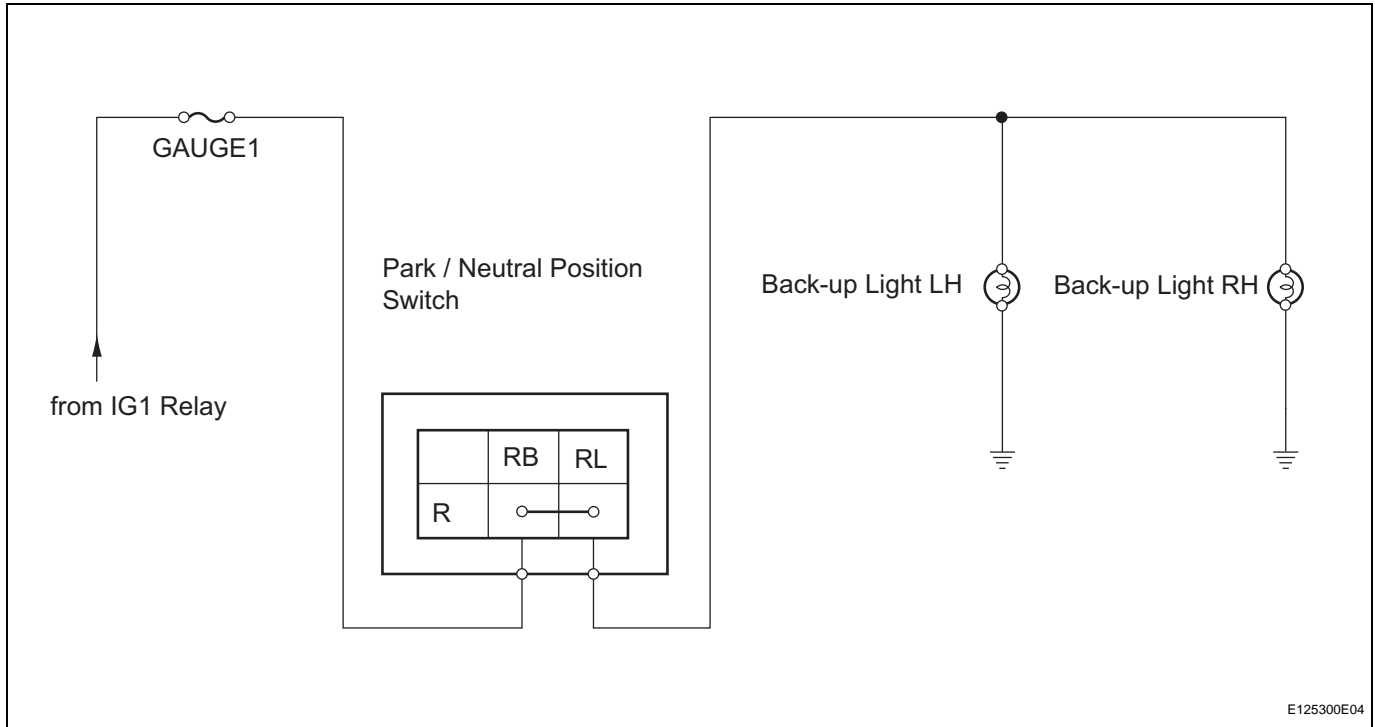


Back-up Light Circuit

DESCRIPTION

The park / neutral position switch turns on when the shift lever is moved into the R position, causing the back-up lights to illuminate.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE (GAUGE1)

- (a) Remove the GAUGE1 fuse from the instrument panel junction block.
- (b) Measure the resistance of the fuse.

Standard resistance:

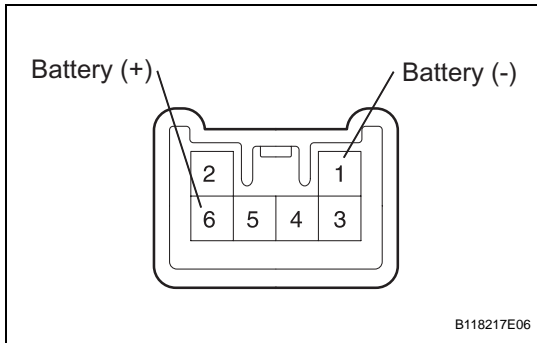
Below 1 Ω

NG

REPLACE FUSE

OK

2 INSPECT BACK-UP LIGHT



- (a) Remove the rear combination light.
- (b) Connect the positive (+) lead from the battery to terminal 6 and the negative (-) lead to terminal 1, then check that the light comes on.

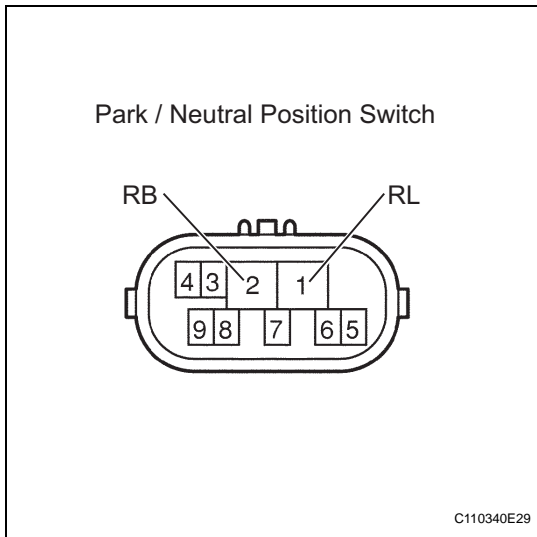
OK:

Light comes on.

NG → **REPLACE BULB**

OK

3 INSPECT PARK / NEUTRAL POSITION SWITCH



- (a) Disconnect the B26 park / neutral position switch connector.
- (b) Measure the resistance of the switch.

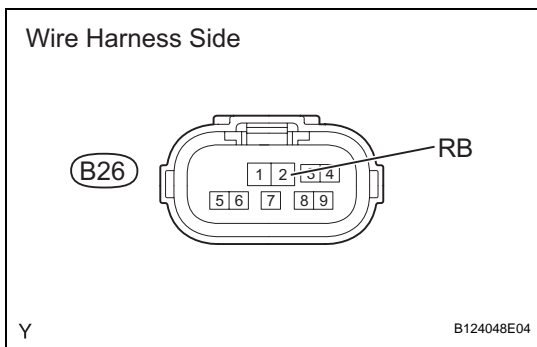
Standard resistance

Tester Connection	Shift Position	Specified Connection
2 (RB) - 1 (RL)	R	Below 1 Ω
2 (RB) - 1 (RL)	Except R	10 kΩ or higher

NG → **REPLACE PARK / NEUTRAL POSITION SWITCH**

OK

4 CHECK WIRE HARNESS (PARK / NEUTRAL POSITION SWITCH - BATTERY)



- (a) Disconnect the B26 park / neutral position switch connector.
- (b) Measure the voltage of the wire harness side connector.

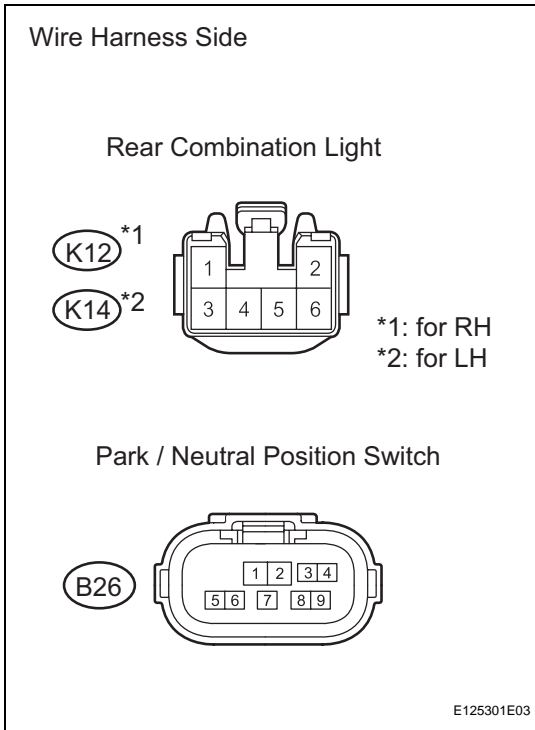
Standard voltage

Tester Connection	Condition	Specified Condition
B26-2 (RB) - Body ground	Ignition switch ON	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

5 CHECK WIRE HARNESS (PARK / NEUTRAL POSITION SWITCH - BACK-UP LIGHT)



- (a) Disconnect the B26 park / neutral position switch connector.
- (b) Disconnect the K12 and K14 rear combination light assembly connectors.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
B26-1 - K12-6	Below 1 Ω
B26-1 or K12-6 - Body ground	10 kΩ or higher
B26-1 - K24-6	Below 1 Ω
B26-1 or K24-6 - Body ground	10 kΩ or higher

NG **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (BACK-UP LIGHT - BODY GROUND)