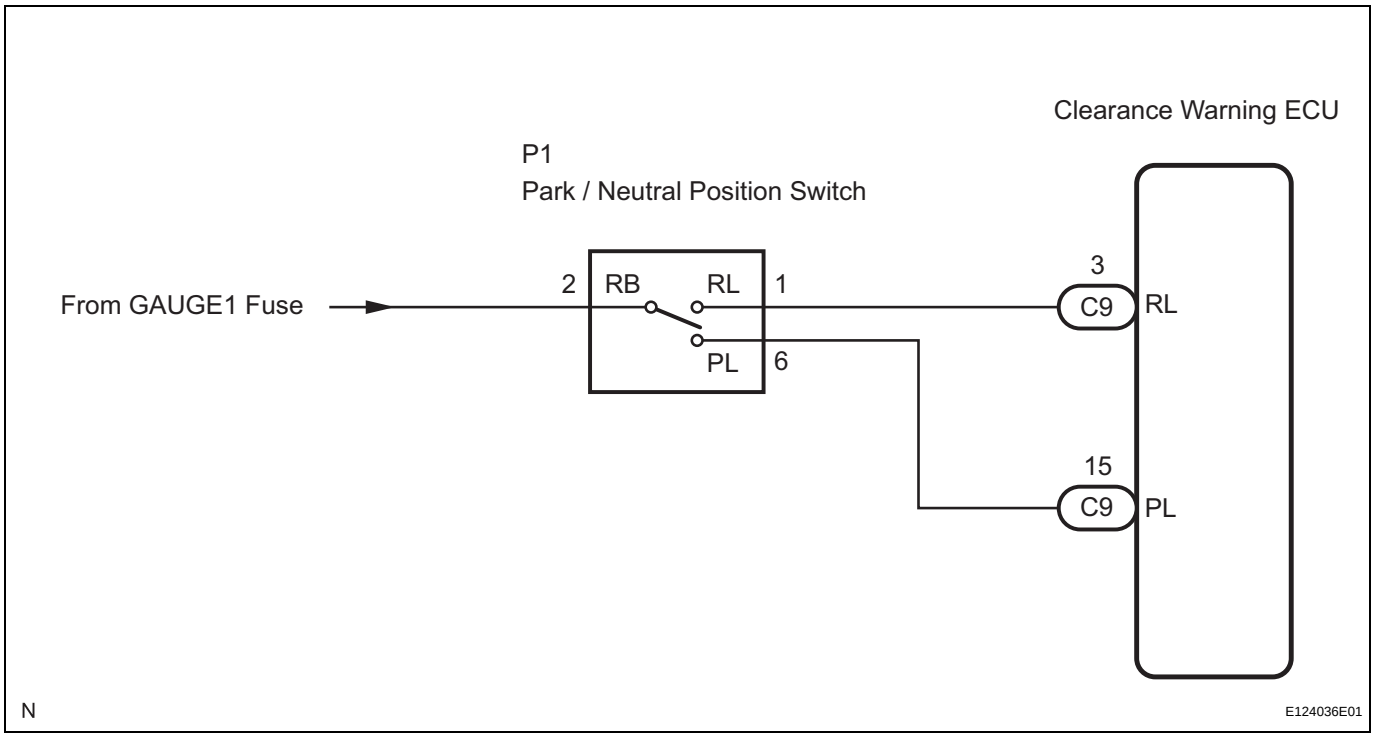
Park / Neutral Position Switch Circuit

DESCRIPTION

The clearance warning ECU receives the reverse or park position signal from the park / neutral position switch.

WIRING DIAGRAM

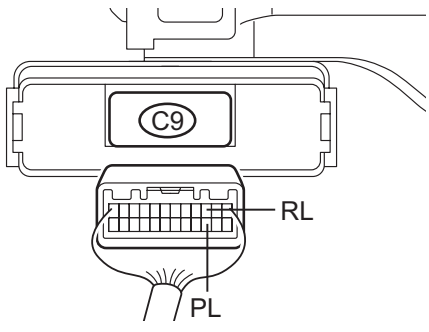


PM

INSPECTION PROCEDURE

1	INSPECT CLEARANCE WARNING ECU

Wire Harness View:



(a) Disconnect the C9 connector from the clearance warning ECU.

(b) Measure the voltage according to the value(s) in the table below.

Standard voltage

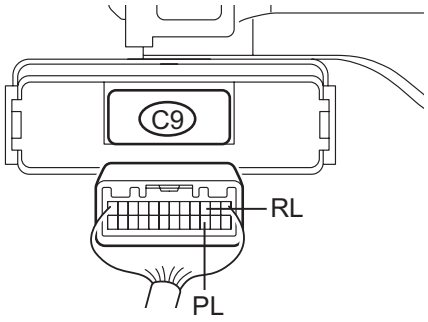
Tester Connection	Condition	Specified Condition
RL - Body ground	Ignition switch ON, shift lever in R position	10 to 14 V
PL - Body ground	Ignition switch ON, shift lever in P position	10 to 14 V

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

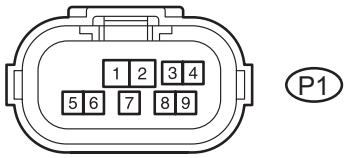
NG

2 CHECK HARNESS AND CONNECTOR

Clearance Warning ECU Wire Harness View:



Park / Neutral Position Switch Connector Front View:



N

E124035E01

(a) Disconnect the connector from the park / neutral position switch.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

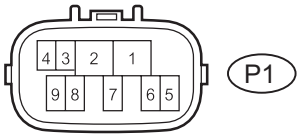
Tester Connection	Condition	Specified Condition
RL - P1-1	Always	Below 1 Ω
PL - P1-6	Always	Below 1 Ω
RL - Body ground	Always	10 kΩ or higher
PL - Body ground	Always	10 kΩ or higher

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

OK

3 INSPECT PARK / NEUTRAL POSITION SWITCH

Park / Neutral Position Switch:



H

E110857E02

(a) Disconnect the park / neutral position switch connector P1.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
P1-1 - P1-2	Shift lever is in R position.	Below 1 Ω
P1-1 - P1-2	Shift lever is in any position except R.	10 kΩ or higher
P1-2 - P1-6	Shift lever is in P position.	Below 1 Ω
P1-2 - P1-6	Shift lever is in any position except P.	10 kΩ or higher

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

PM

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR