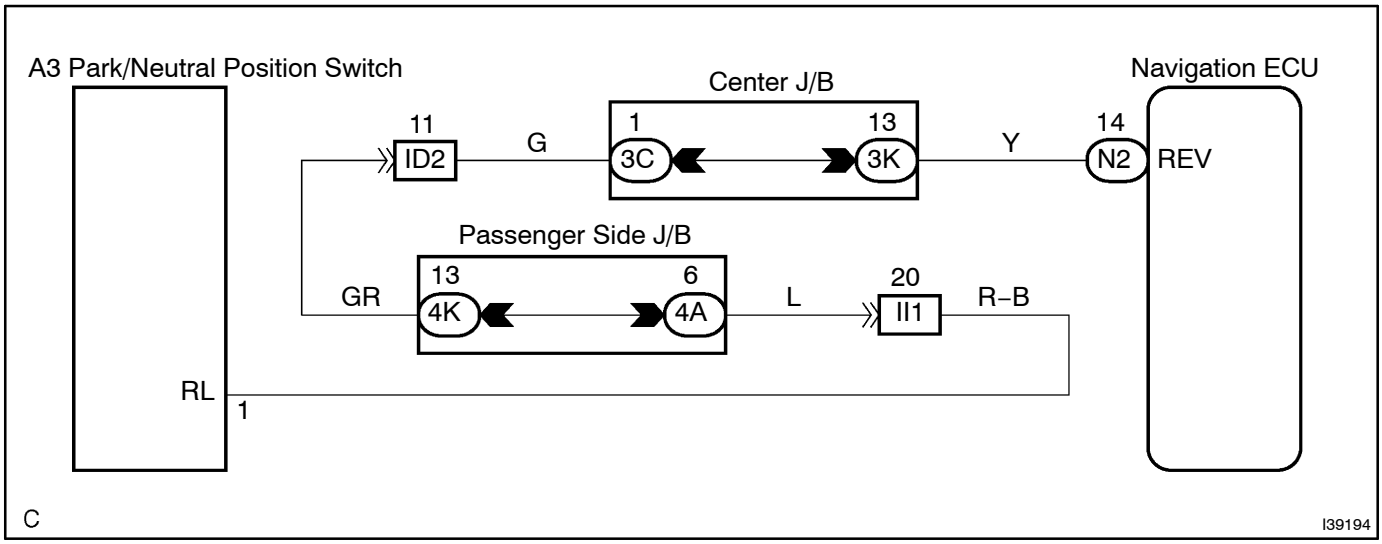
REVERSE SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

The navigation ECU receives the reverse signal from the park/neutral position switch and information about the GPS antenna, and then adjusts the vehicle position.

WIRING DIAGRAM



INSPECTION PROCEDURE

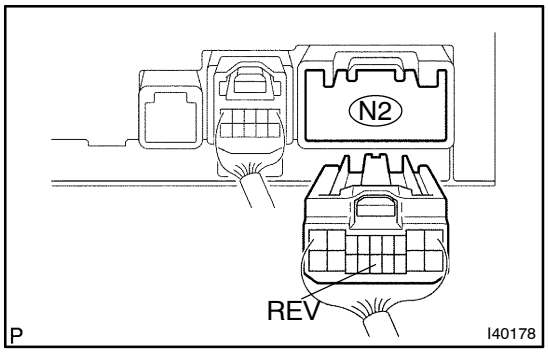
1 INSPECT REVERSE POSITION INDICATOR(COMBINATION METER ASSY)

(a) When moving the shift lever to the R position, check if "R" lights up in the combination meter.
OK: "R" lights up.

NG → **Go to step 3**

OK

2 INSPECT NAVIGATION ECU(REV)



(a) Disconnect the navigation ECU connector N2.
(b) Measure the voltage according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified condition
REV – Body ground	Shift lever R position → Any position except R	10 to 14 V → Below 1 V

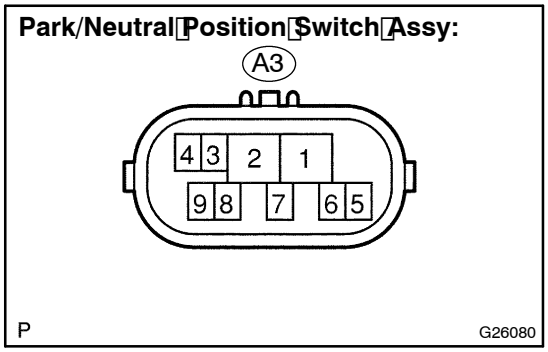
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE NAVIGATION ECU (SEE PAGE 67–8)

3 INSPECT PARK/NEUTRAL POSITION SWITCH ASSY

Park/Neutral Position Switch Assy:



(a) Disconnect the park/neutral position switch connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A3–1 – A3–2	Shift lever is moved to R position.	Below 1 Ω
A3–1 – A3–2	Shift lever is moved to any position except R.	10 kΩ or higher

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

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR