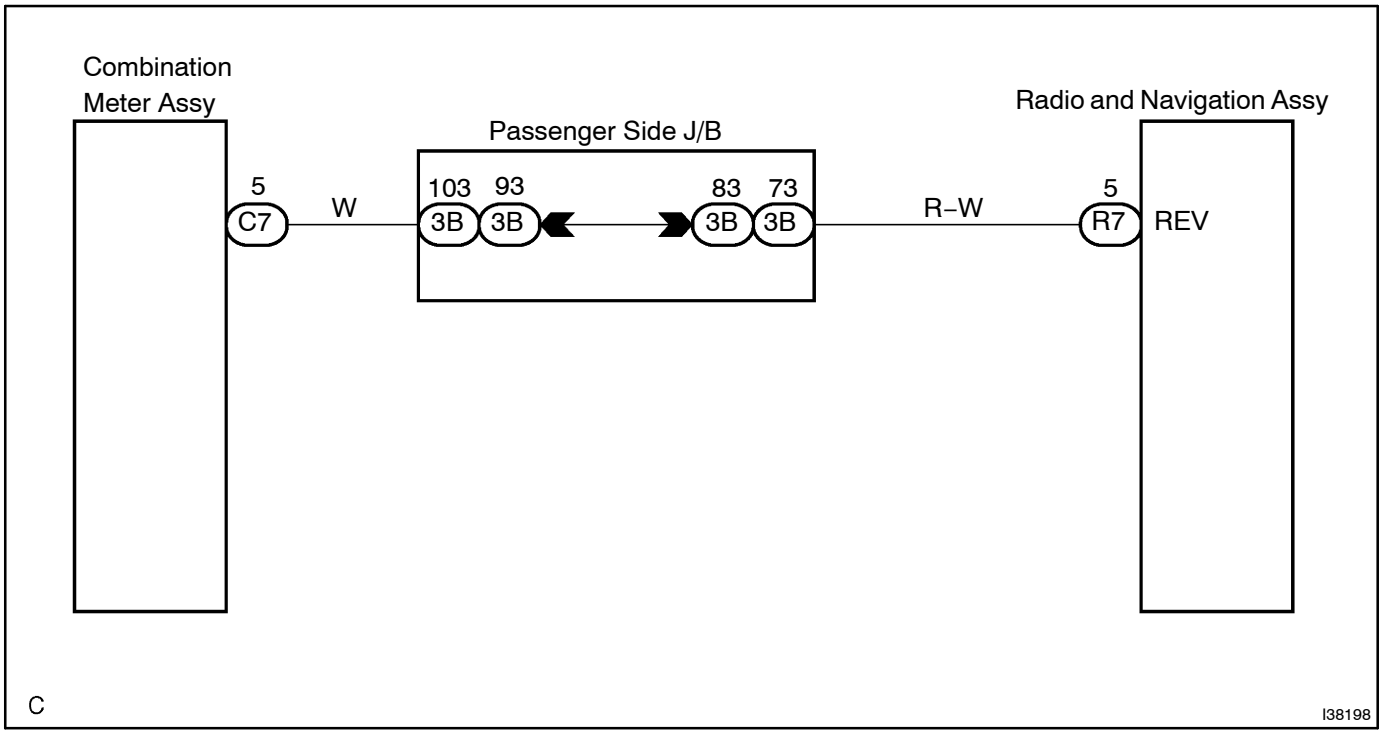
REVERSE SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

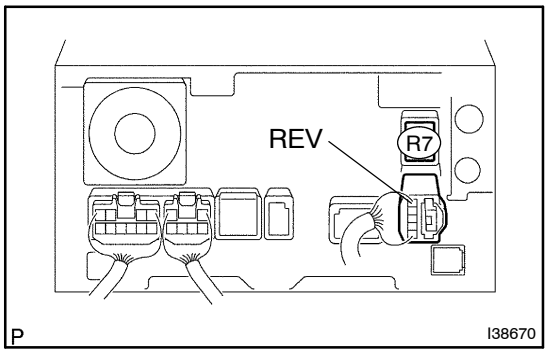
The navigation ECU (built in the radio and navigation assy) receives the reverse signal from the combination meter assy and information about the GPS antenna, and then adjusts the vehicle position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT RADIO AND NAVIGATION ASSY



(a) Disconnect the radio and navigation assy connector R7.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

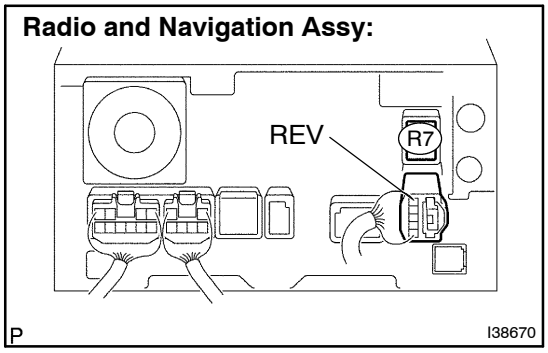
Tester connection	Condition	Specified condition
REV – Body ground	Ignition switch to ON. Shift lever is moved to R position.	10 to 14 V
REV – Body ground	Ignition switch to ON. Shift lever is moved to except R position.	Below 1 Ω

NG → **REPLACE RADIO AND NAVIGATION ASSY (SEE PUB. NO. RM915E, PAGE 67–4)**

OK

2 CHECK HARNESS AND CONNECTOR(RADIO AND NAVIGATION ASSY – COMBINATION METER ASSY)

Radio and Navigation Assy:

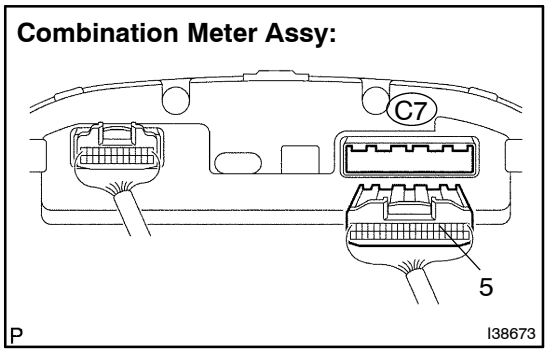


(a) Disconnect the connector from the radio and navigation assy R7 and combination meter assy C7.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
REV – C7–5	Always	Below 1 Ω
REV – Body ground	Always	10 kΩ or higher

Combination Meter Assy:



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

OK

REPLACE COMBINATION METER ASSY (SEE PUB. NO. RM915E, PAGE 71–21)