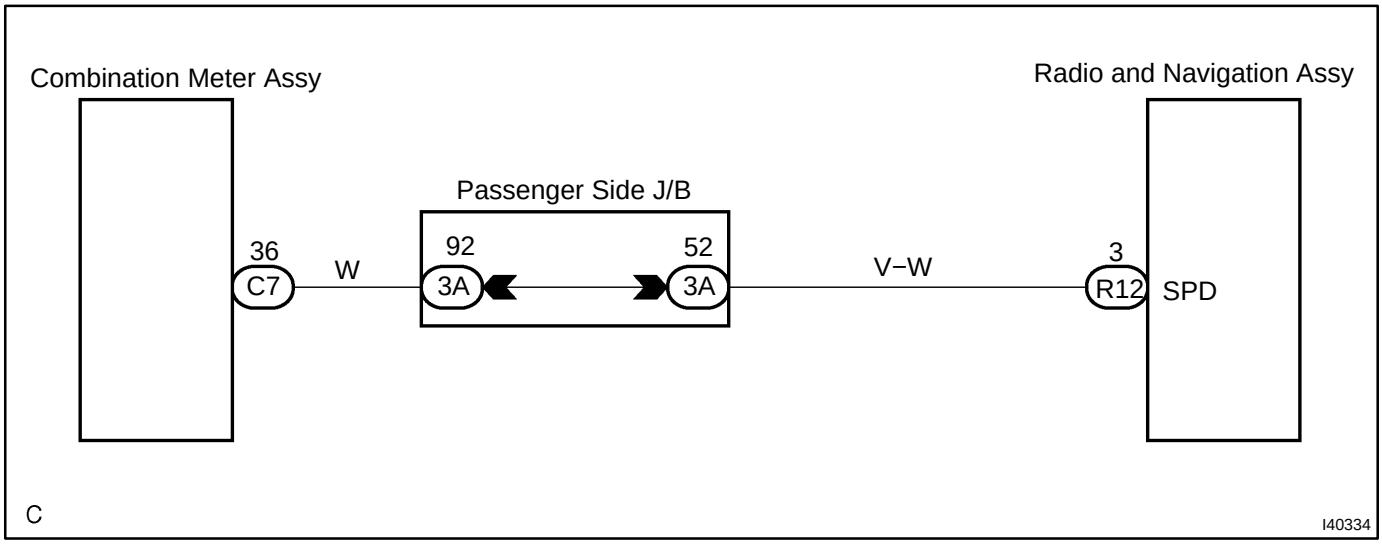
SPEED SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

The navigation ECU (built in the radio and navigation assy) receives the vehicle speed signal and information about the GPS antenna to update the vehicle position.

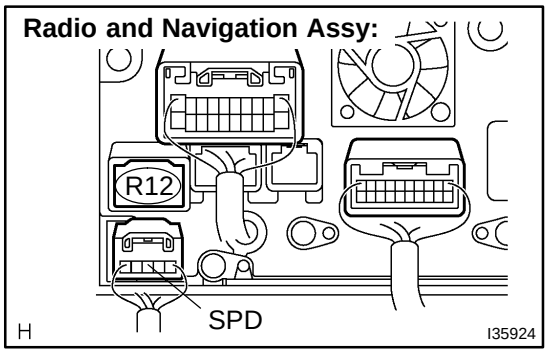
WIRING DIAGRAM



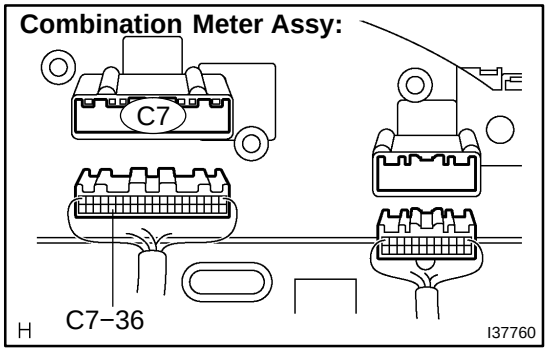
INSPECTION PROCEDURE

1	**CHECK HARNESS AND CONNECTOR(COMBINATION METER ASSY − RADIO AND NAVIGATION ASSY)**

Radio and Navigation Assy:



Combination Meter Assy:



(a) Disconnect the connector from the radio and navigation assy R12 and combination meter assy C7.

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

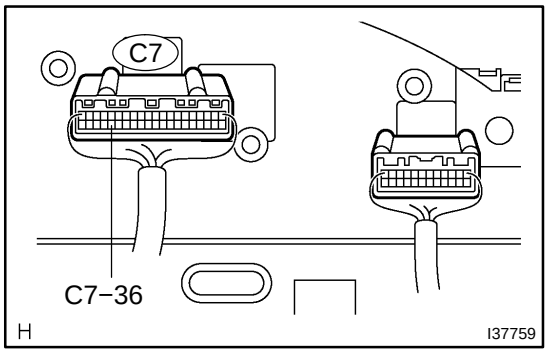
Standard:

Tester connection	Condition	Specified condition
SPD − C7−36	Always	Below 1 Ω
SPD − Body ground	Always	10 kΩ or higher

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

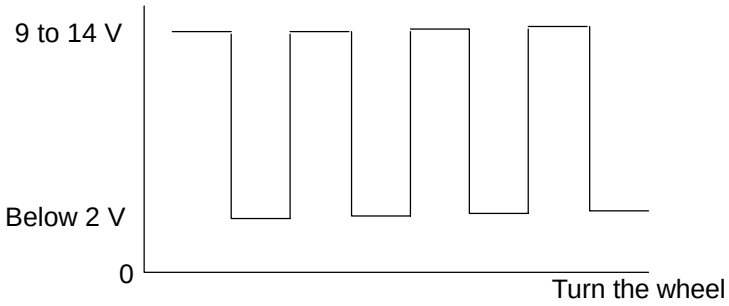
OK

2	INSPECT COMBINATION METER ASSY



(a) Connect the combination meter assy connector C7.
(b) Measure the voltage.
  (1) Adjust the shift lever to the neutral position.
  (2) Jack up either one of the front wheels.
  (3) Turn the ignition switch to the ON position.
  (4) Measure the voltage between terminal C7−36 and body ground of combination meter assy when the front wheels are turned slowly.

Standard: Voltage is pulsed as shown below.



NG → **GO TO COMBINATION METER SYSTEM (SEE PAGE 05−1999)**

OK →

REPLACE RADIO AND NAVIGATION ASSY (SEE PAGE 67−5)