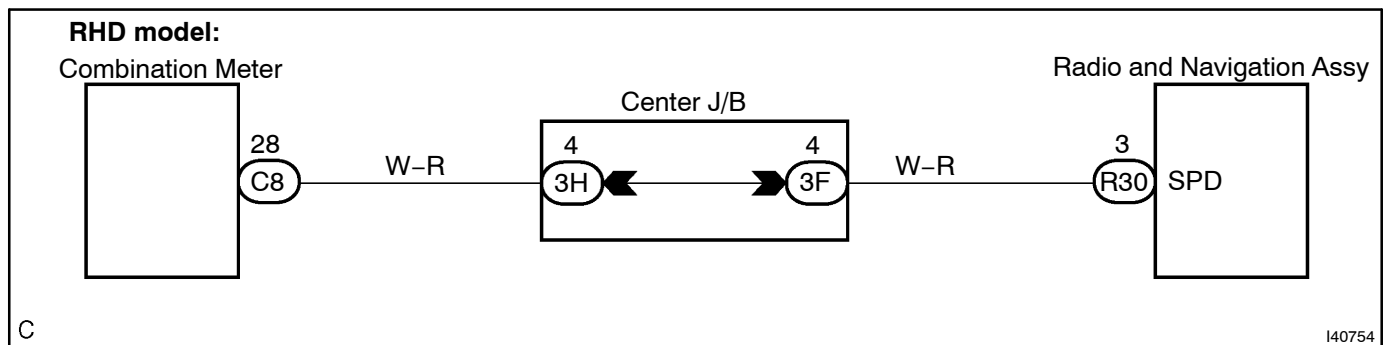
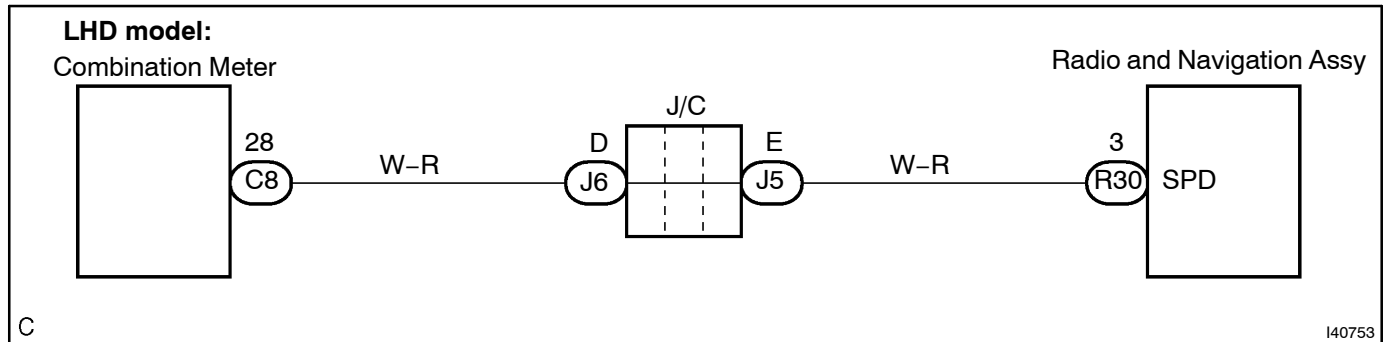


## SPEED SIGNAL CIRCUIT

### CIRCUIT DESCRIPTION

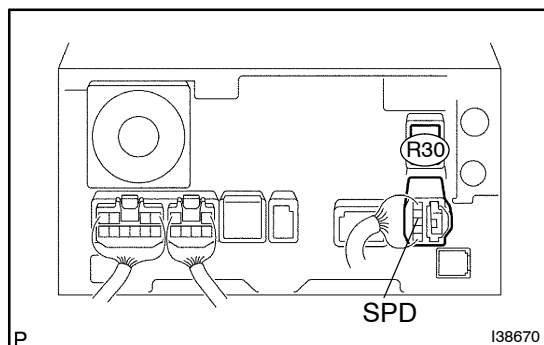
The navigation ECU (built in the radio and navigation assy) receives the vehicle speed signal and information about the GPS antenna, and then adjusts the vehicle position.

### WIRING DIAGRAM



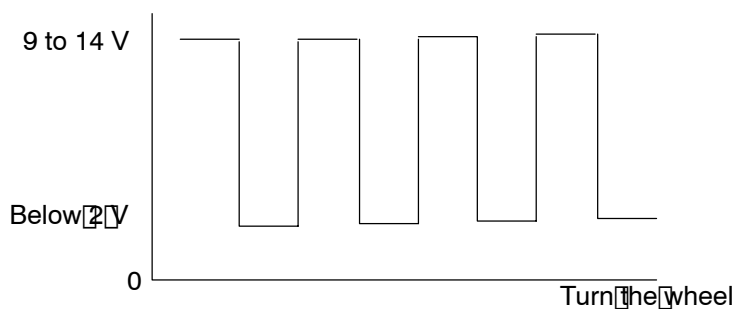
## INSPECTION PROCEDURE

## 1 INSPECT RADIO AND NAVIGATION ASSY



- (a) Disconnect the radio and navigation assy connector R30.
- (b) Measure 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 SPD and body ground of the radio and navigation assy when the front wheels are turned slowly.

**Standard:** Voltage is pulsed as shown below.



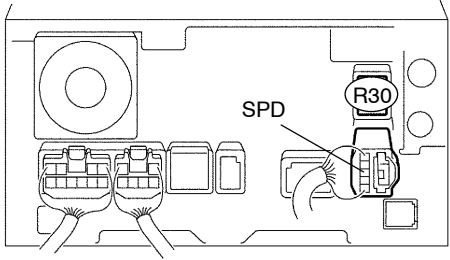
OK

**REPLACE RADIO AND NAVIGATION ASSY**  
**(SEE PAGE 67-1)**

NG

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

**Radio and Navigation Assy:**

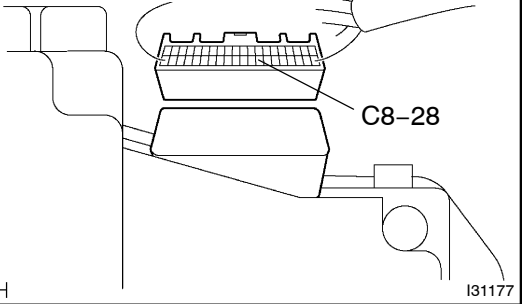


- (a) Disconnect the connectors from the radio and navigation assy R30 and combination meter assy C8.
- (b) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester connection	Condition	Specified condition
SPD - C8-28	Always	Below 1 $\Omega$
SPD - Body ground	Always	10 k $\Omega$ or higher

**Combination Meter Assy:**



**NG**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE COMBINATION METER ASSY (SEE PUB. NO. RM864E, PAGE 71-19)**