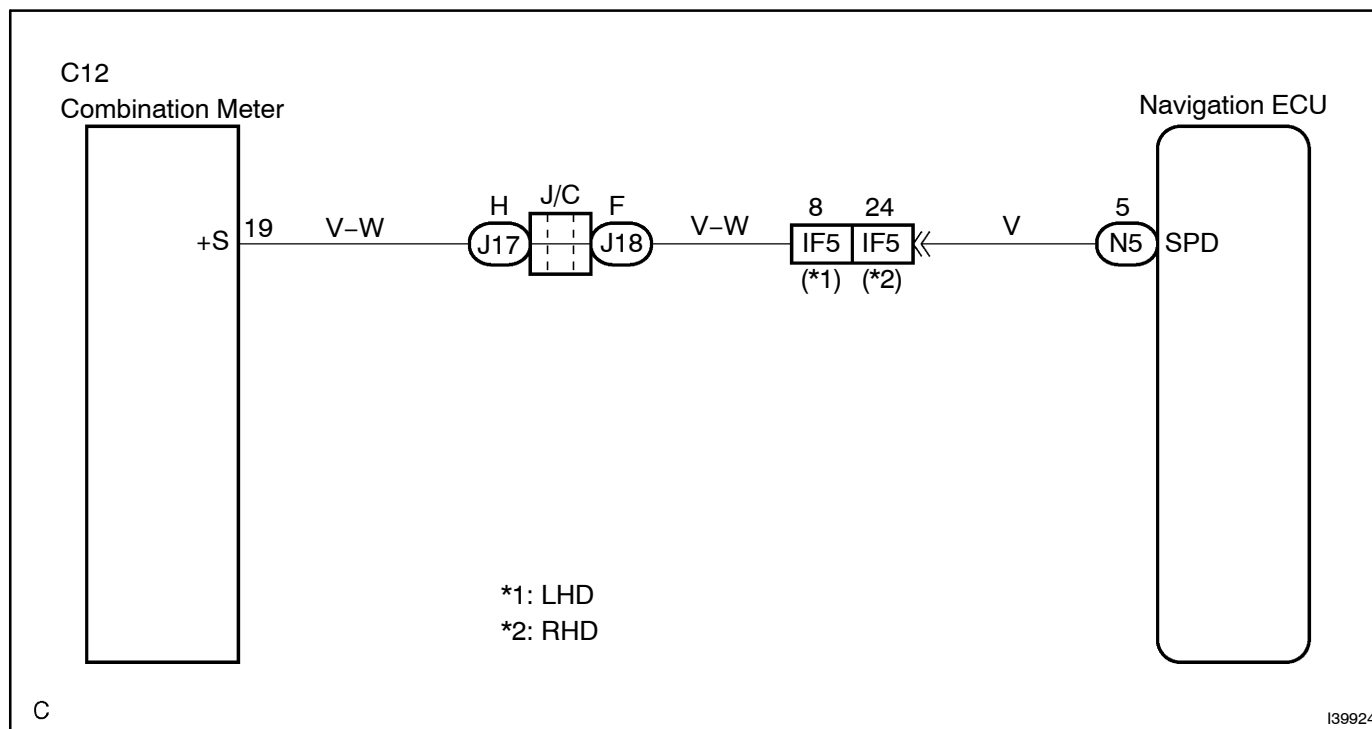


SPEED SIGNAL CIRCUIT (NAVIGATION ECU – COMBINATION METER ASSY)

CIRCUIT DESCRIPTION

The navigation ECU receives the vehicle speed signal and information about the GPS antenna, and then adjusts the vehicle position.

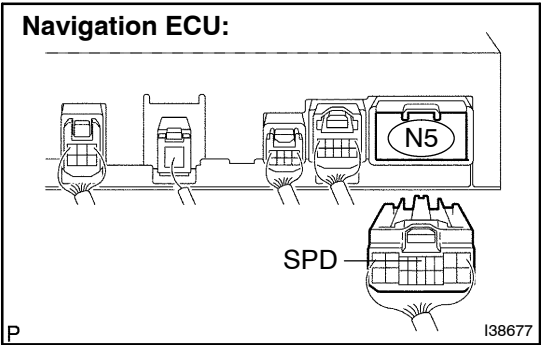
WIRING DIAGRAM



INSPECTION PROCEDURE

1

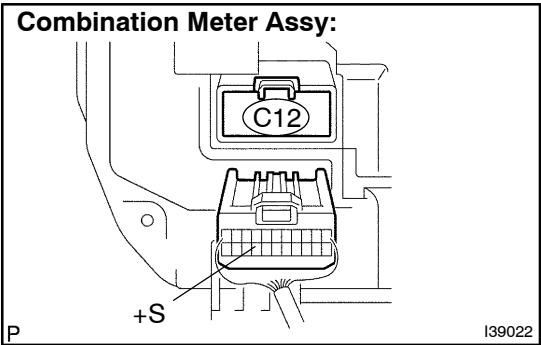
CHECK HARNESS AND CONNECTOR(COMBINATION METER ASSY - NAVIGATION ECU)



- (a) Disconnect the connector from the navigation ECU N5 and combination meter assy C12.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
SPD - +S	Always	Below 1 Ω
SPD - Body ground	Always	10 kΩ or higher

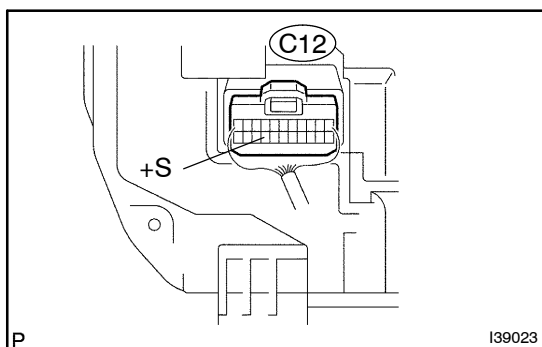


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REPAIR OR REPLACE HARNESS OR CONNECTOR

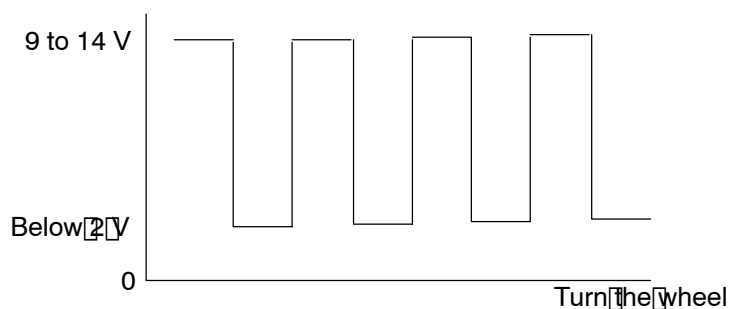
OK

2 INSPECT COMBINATION METER ASSY



- (a) Connect the combination meter assy connector C12.
- (b) Measure voltage.
 - (1) Adjust the shift lever to the neutral position.
 - (2) Jack up either one of the front wheels.
 - (3) Turn ignition switch to the ON position.
 - (4) Measure the voltage between terminal +S and body ground of combination meter assy when the front wheels are turned slowly.

OK: Voltage is pulsed as shown below.



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**GO TO COMBINATION METER SYSTEM
(SEE PAGE 05-2135)**

OK

REPLACE NAVIGATION ECU (SEE PAGE 67-9)