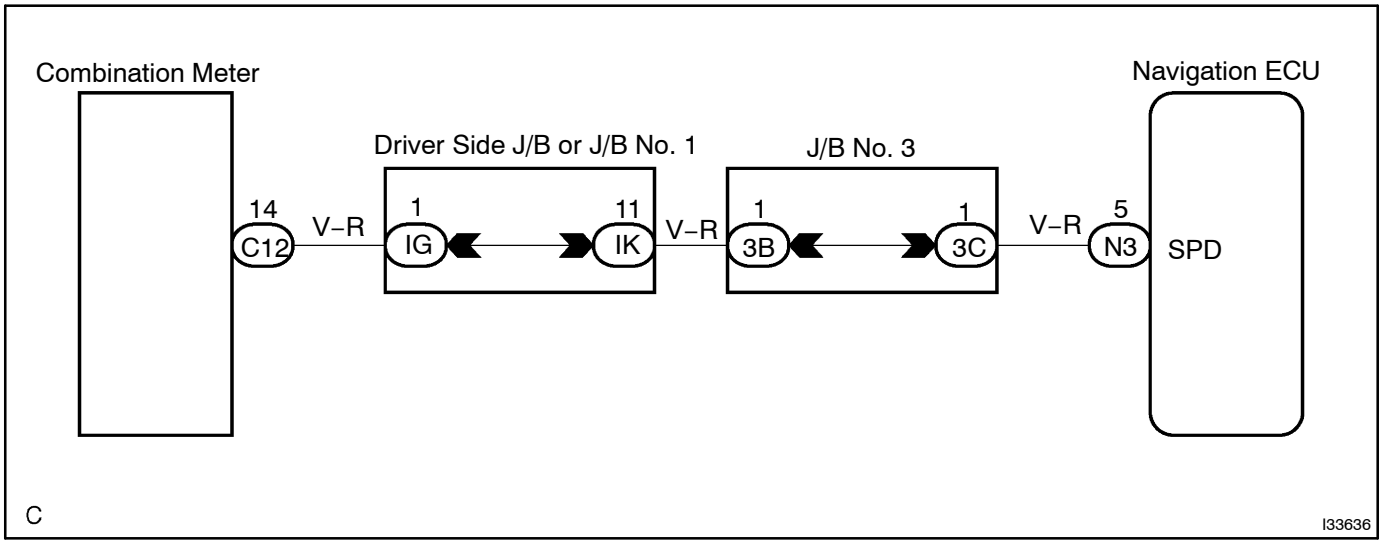
VEHICLE POSITION MARK ROTATES ARBITRARILY (MAP ROTATES ARBITRARILY)

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK AND OPERATE AGAIN

(a) Turn the ignition switch from OFF to ON, check that the malfunction disappears.
STANDARD: Malfunction disappear

HINT:
Even if the works correctly, the following conditions may be seen, vehicle position mark turns, or the map turns unwillingly. (It is because by turning the IG switch to ACC or ON during turning, navigation system stores based on the angular speed). In that case, turn the IG switch from OFF to ACC or ON to return the correct function.

OK > **NORMAL**

NG

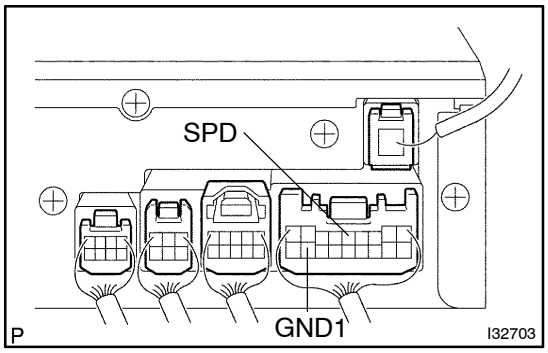
2	NAVIGATION CHECK MODE(VEHICLE SENSORS)

(a) Perform vehicle signal check of navigation check mode.
(1) Start up the diagnosis system and read of ”SPD” signal in vehicle sensors mode.
STANDARD: Input signal is normal

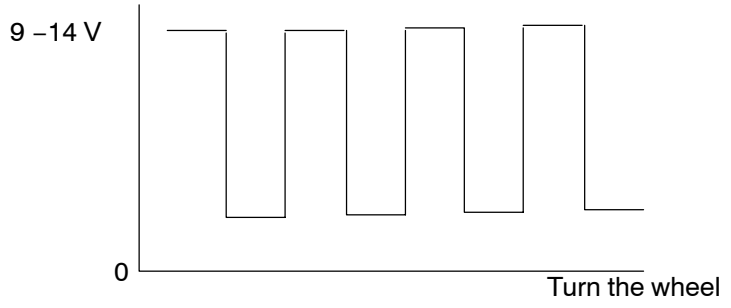
OK > **CHECK AND REPLACE NAVIGATION ECU**

NG

3	INSPECT NAVIGATION ECU(SPD, GND1)



(a) Remove the navigation ECU with connectors being connected.
(b) Check voltage.
(1) Shift the shift lever to neutral.
(2) Jack up either one of the front wheels.
(3) Turn ignition switch ON.
(4) Measure voltage between terminal SPD and GND1 of navigation ECU when the front wheel are turned slowly.
Voltage is generated intermittently.



OK > **CHECK AND REPLACE NAVIGATION ECU**

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR