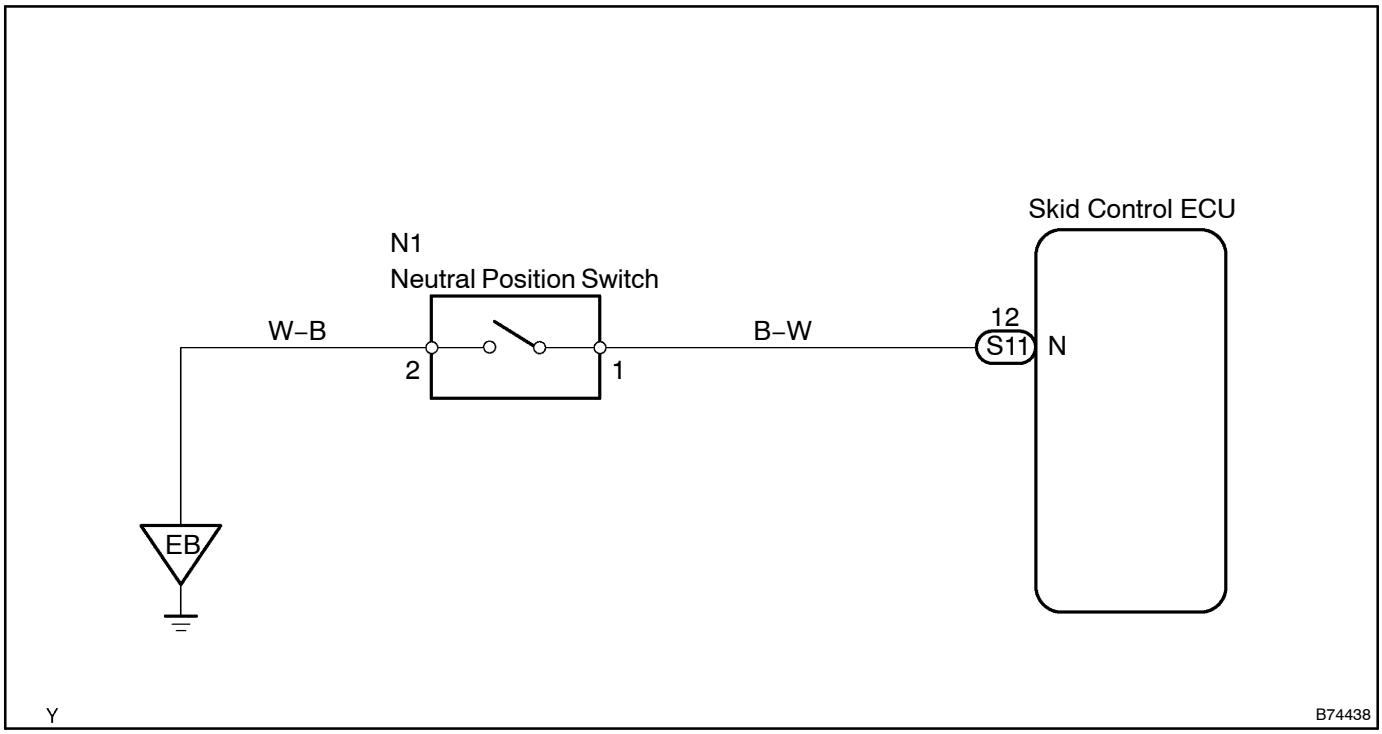
DTC C1384/113 MALFUNCTION IN NEUTRAL SWITCH

CIRCUIT DESCRIPTION

The neutral position switch detects neutral position and sends signals to the skid control ECU.

DTC No.	DTC Detection Condition	Trouble Area
C1384/113	While vehicle is accelerated to 50 km/h (31 mph) from 5 km/h (3 mph), no gear change is detected continuously 5 times by neutral position switch	• Neutral position switch • Skid control ECU • Wire harness

WIRING DIAGRAM

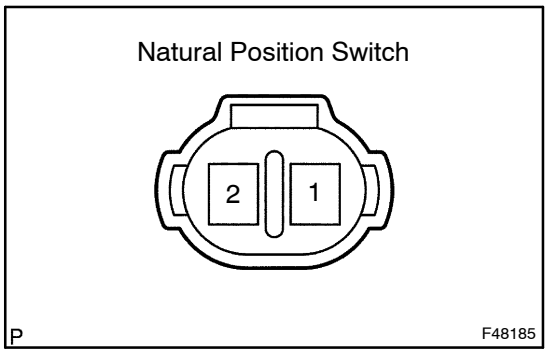


INSPECTION PROCEDURE

HINT:

As the ES starting system is controlled by the skid control ECU, a malfunction in the ABS & BA system may affect ES starting system operation. Before proceeding to the flowchart below, check for ABS & BA system's DTCs. If any of the ABS & BA system's DTCs is present, troubleshoot those DTCs first (see page 05–191).

1 INSPECT NEUTRAL POSITION SWITCH



(a) Disconnect the N1 switch connector.

(b) Measure the resistance of the switch.

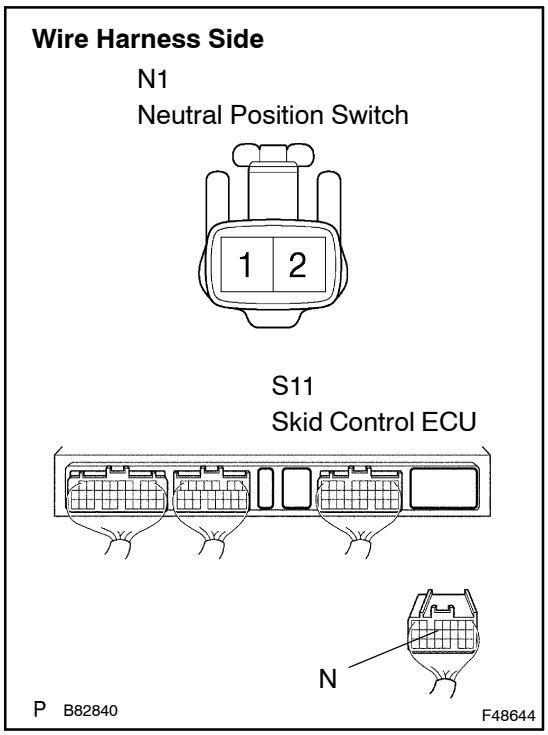
Standard:

Tester Connection	Condition	Specified Condition
1 – 2	Shift lever position N → Except N	10 kΩ or higher → Below 1 Ω

NG → **REPLACE NEUTRAL POSITION SWITCH**

OK

2	CHECK WIRE HARNESS (NEUTRAL POSITION SWITCH – SKID CONTROL ECU AND BODY GROUND)



(a) Disconnect the N1 switch connector.
(b) Disconnect the S11 ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
N1–1 – S11–12 (N)	Below 1 Ω
N1–2 – Body ground	Below 1 Ω

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

OK

3	CHECK FOR DTCS

(a) Clear the DTC (see page 05–268).
(b) Drive the vehicle at the vehicle speed of 7 km/h (4 mph) or more.
(c) Check that no code is output.

NG → **REPLACE SKID CONTROL ECU**

OK

END