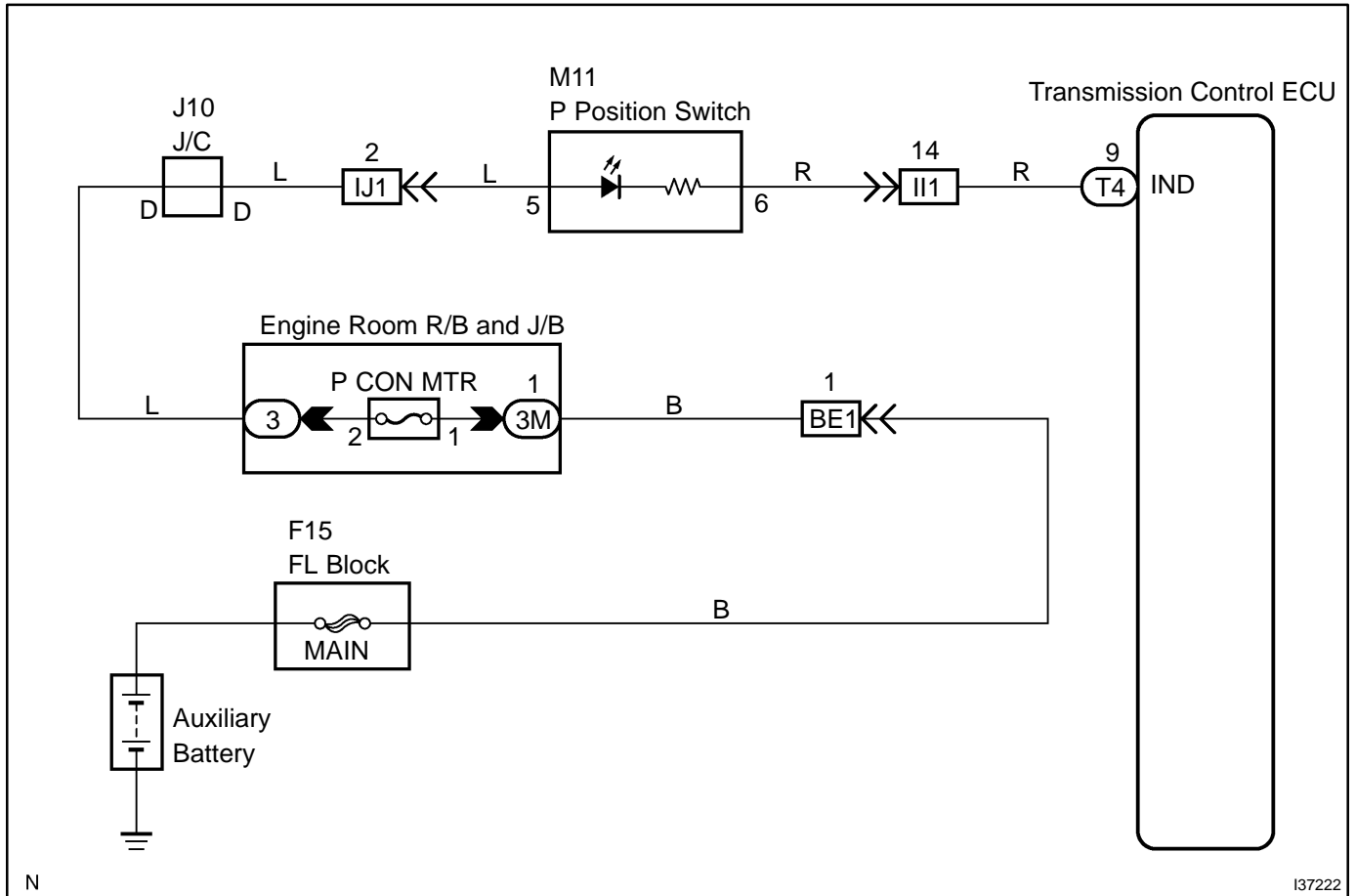


P POSITION SWITCH INDICATOR LIGHT CIRCUIT

CIRCUIT DESCRIPTION

The parking lock switch indicator light comes on or goes off to indicate the on/off status of the P position switch and blinks to indicate malfunction conditions of the system.

WIRING DIAGRAM



N

137222

INSPECTION PROCEDURE

1 CHECK INDICATOR LAMP

(a) Inspect the indicator light condition by operating the P position switch.

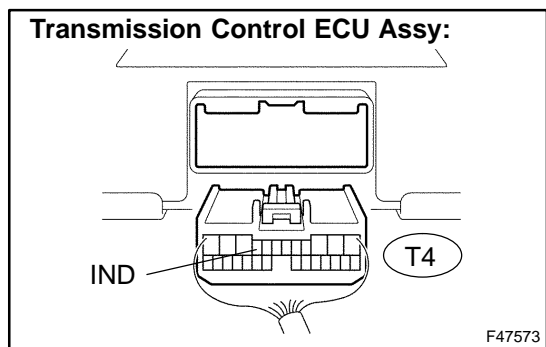
Result:

Condition	Proceed to
Indicator light does not go off.	A
Indicator light does not come on.	B

B Go to step 3

A

2 CHECK HARNESS AND CONNECTOR (TRANSMISSION CONTROL ECU ASSY – P POSITION SWITCH)



- (a) Disconnect the T4 connector from the transmission control ECU Assy.
- (b) Disconnect the M11 connector from the P position switch.
- (c) Measure the resistance according to the value(s) in the table below.

Standard:

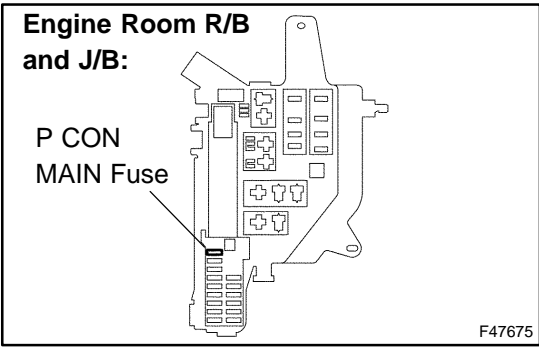
Tester connection (Symbols)	Condition	Specified condition
T4-9 (IND) – Body ground	Always	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE TRANSMISSION CONTROL ECU ASSY

3 INSPECT FUSE

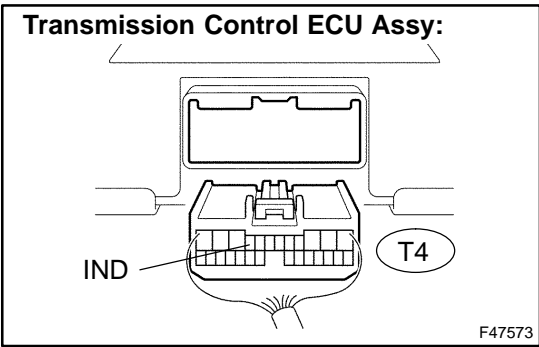


- (a) Remove the P CON MAIN fuse from the engine room R/B and J/B.
 - (b) Check for continuity of the P CON MAIN fuse.
- Standard: Continuity**

NG INSPECT FOR SHORT IN ALL COMPONENTS CONNECTED TO FUSE AND REPAIR OR REPLACE THEM IF NEEDED, AND REPLACE FUSE

OK

4 INSPECT COMPUTER, TRANSMISSION CONTROL(IND TERMINAL)



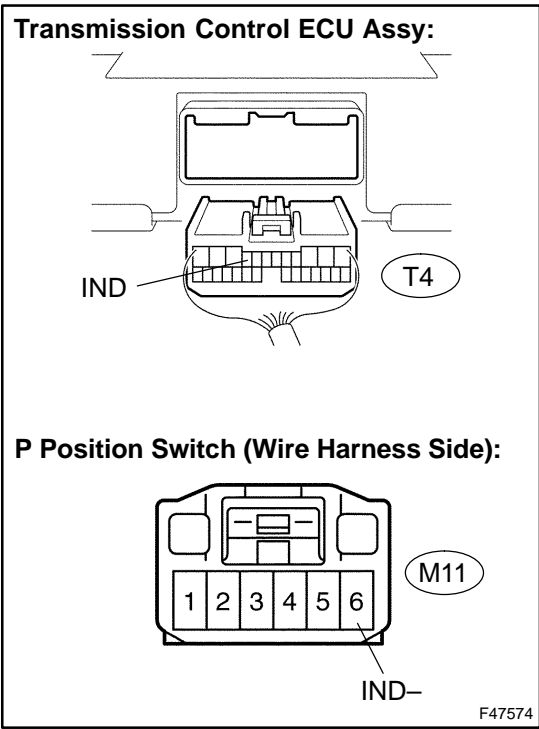
- (a) Disconnect the T4 connector from the transmission control ECU Assy.
 - (b) Measure the voltage according to the value(s) in the table below.
- Standard:**

Tester connection (Symbols)	Condition	Specified condition
T4-9 (IND) – Body ground	Always	9 to 14 V

OK REPLACE TRANSMISSION CONTROL ECU ASSY

NG

5 CHECK HARNESS AND CONNECTOR(TRANSMISSION CONTROL ECU ASSY – P POSITION SWITCH)



- (a) Disconnect the M11 connector from the P position switch.
- (b) Measure the resistance according to the value(s) in the table below.

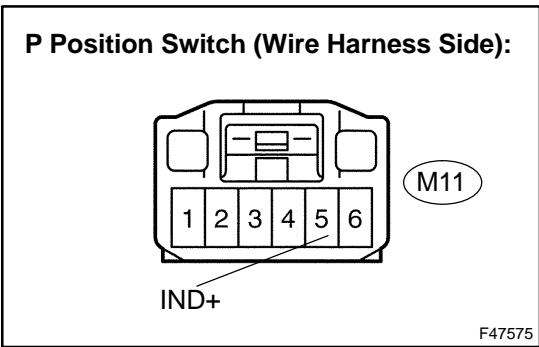
Standard:

Tester connection (Symbols)	Condition	Specified condition
T4-9 (IND) – M11-6 (IND-)	Always	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

6 INSPECT P POSITION SWITCH



- (a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection (Symbols)	Condition	Specified condition
M11-5 (IND+) – Body ground	Always	9 to 14 V

OK REPLACE P POSITION SWITCH

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR (P POSITION SWITCH – BATTERY)