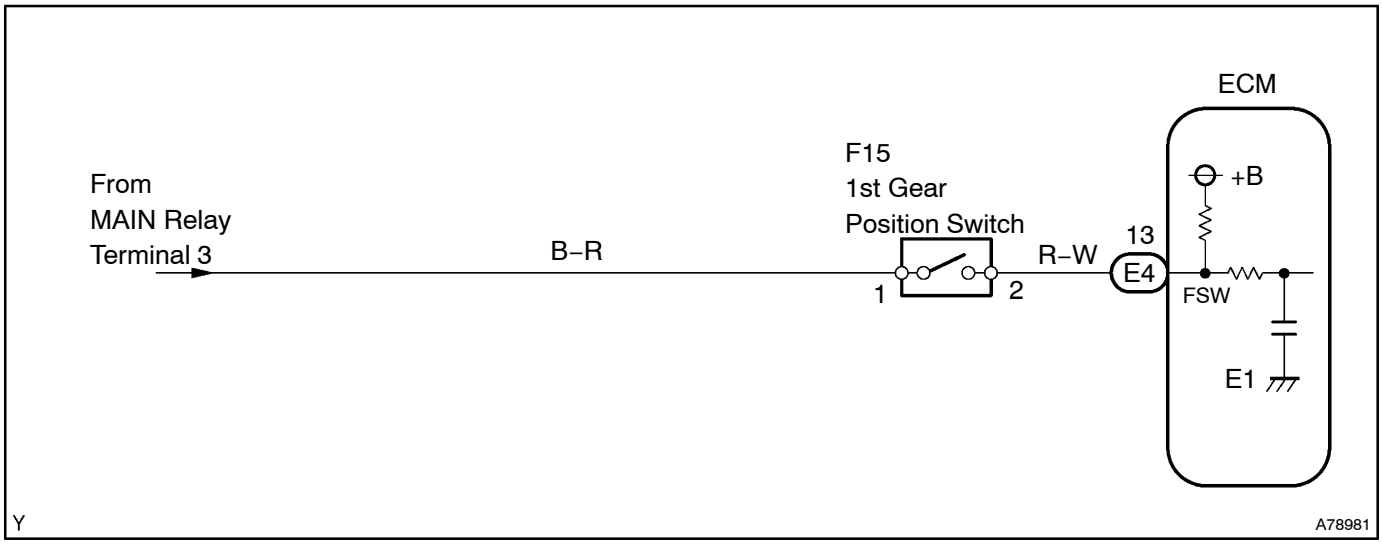
1ST GEAR POSITION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The shift position switch on the side of the transmission detects the 1st gear and then the engine output is limited when heavy load is applied while running the vehicle in the 1st gear.

WIRING DIAGRAM



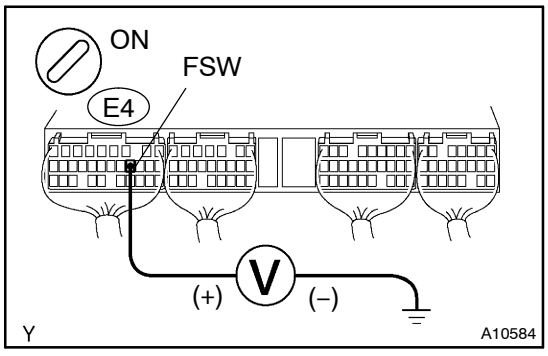
INSPECTION PROCEDURE

1	CHECK 1ST GEAR POSITION SWITCH (See page 10–1)

NG → REPLACE 1ST GEAR POSITION SWITCH

OK

2	CHECK ECM



(a) Turn the ignition switch ON.
(b) Measure the voltage between terminal FSW of the E4 ECM connector and the body ground after the shift lever is moved to the positions as shown in the illustration.

Shift Lever Position	1st Gear	Any Positions Except 1st Gear
Voltage	0 – 3 V	18 – 28 V

OK → CHECK AND REPLACE ECM

NG

CHECK WIRE HARNESS (ECM ⇔ 1ST GEAR POSITION SWITCH) (See page 01–27)