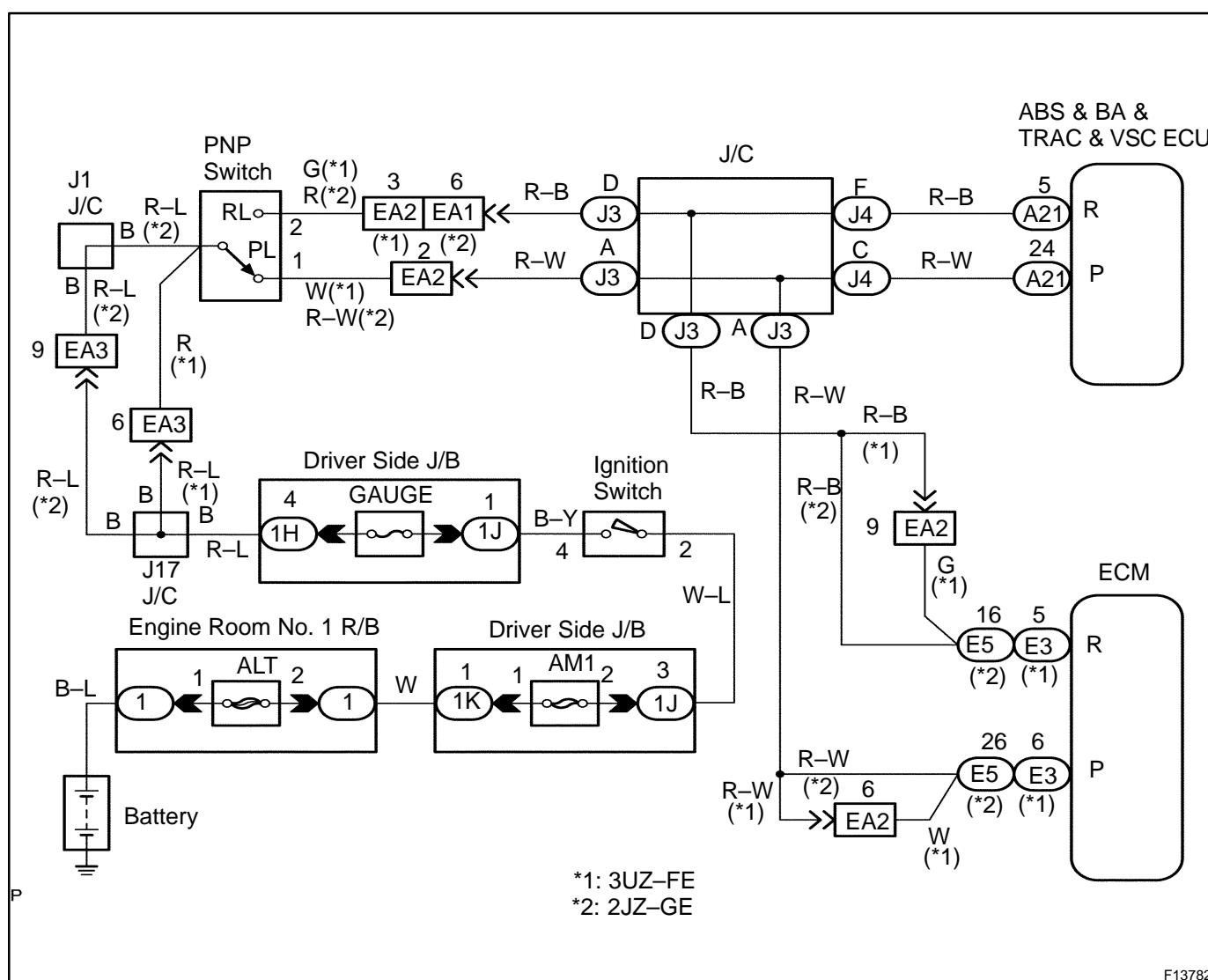


DTC	C1207 / 37	P/R Range Switch Circuit
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CIRCUIT DESCRIPTION

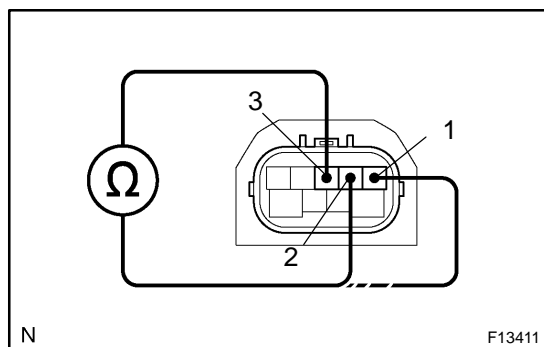
DTC No.	DTC Detection Condition	Trouble Area
C1207 / 37	<p>When any of the following 1. through 3. is detected:</p> <ol style="list-style-type: none"> At vehicle speed of 15 km/h (9 mph) or less and the conditions that open circuit signal of P signal circuit of park/neutral position switch is ON and the voltage of IG1 terminal is 9.5 to 17 V continue for 5 sec. or more. At vehicle speed of 15 km/h (9 mph) or more, and when the condition that P signal from park/neutral position switch is ON, and the the shift lever position information from the ECM is other than in P or N range continues for 60 sec. or more. At vehicle speed of 15 km/h (9 mph) or less and the conditions that open circuit signal of R signal circuit of park/neutral position switch is ON and the voltage of IG1 terminal is 9.5 to 17 V continue for 2 sec. or more. 	<ul style="list-style-type: none"> • P/R range switch • P/R range switch circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check park/neutral position switch (P/R range switch).

**PREPARATION:**

- (a) Jack up the vehicle.
- (b) Disconnect the park/neutral position switch connector.

CHECK:

Check continuity between each terminal shown below when the shift lever is moved to each position.

OK:

P range switch	Terminals 3 – 1	Continuity
R range switch	Terminals 3 – 2	Continuity

NG**Replace park/neutral position switch (P/R range switch).****OK**2 Check for open and short circuit in harness and connector between terminals P and R of ABS & BA & TRAC & VSC ECU and battery (See page [IN-32](#)).**NG****Repair or replace harness or connector.****OK****Check and replace ABS & BA & TRAC & VSC ECU or ECM.**