

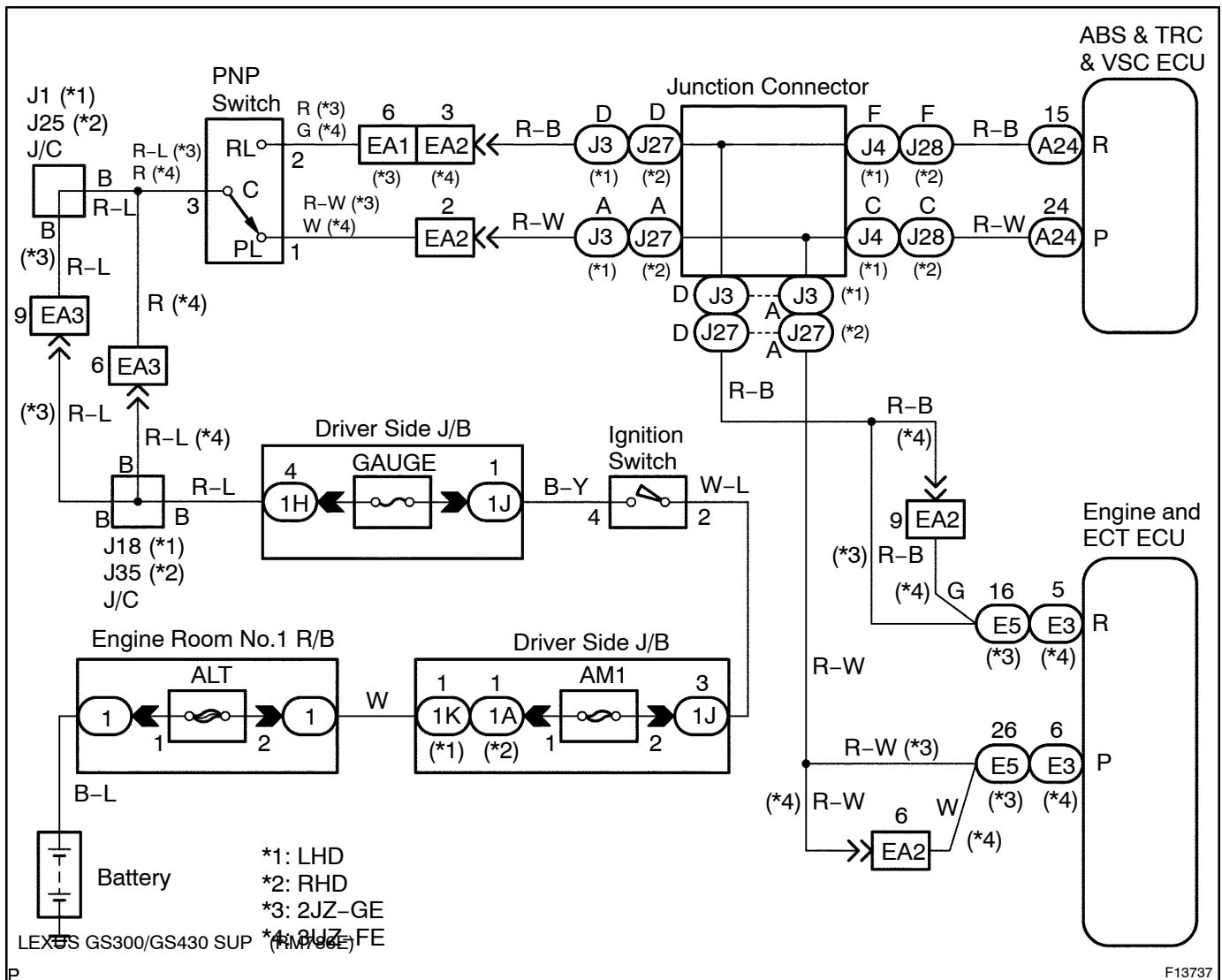
## CIRCUIT INSPECTION

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"> <li>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.</li> <li>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.</li> <li>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.</li> </ol>	<ul style="list-style-type: none"> <li>• P/R range switch</li> <li>• P/R range switch circuit</li> </ul>

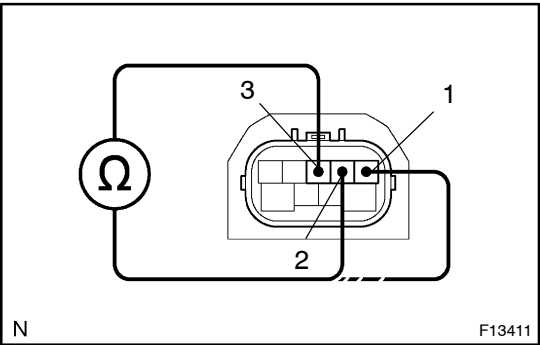
## WIRING DIAGRAM



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 & TRC & VSC ECU and battery (See page N-30).

NG

Repair or replace harness or connector.

OK

Check and replace ABS & TRC & VSC ECU or engine and ECT ECU.