

DTC	B2799	ENGINE IMMOBILISER SYSTEM MALFUNCTION
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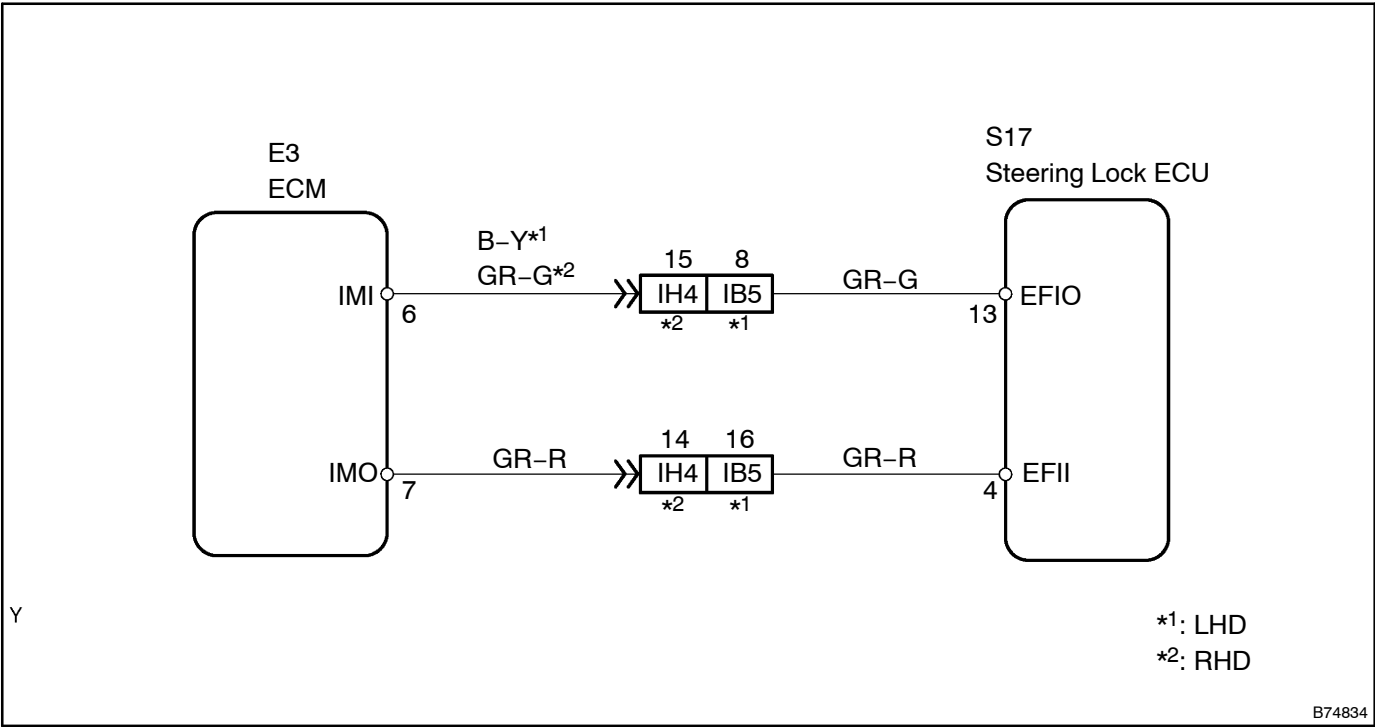
CIRCUIT DESCRIPTION

This DTC is output when: 1) the ECM detects errors in its own communications with the steering lock ECU; 2) the ECM detects errors in the communication lines; and 3) the ECU communication ID between the steering lock ECU and the ECM are different and an engine start is attempted.

Before troubleshooting for this DTC, make sure no steering lock ECU DTCs are present. If the steering lock ECU has a key code related DTC, repair it first.

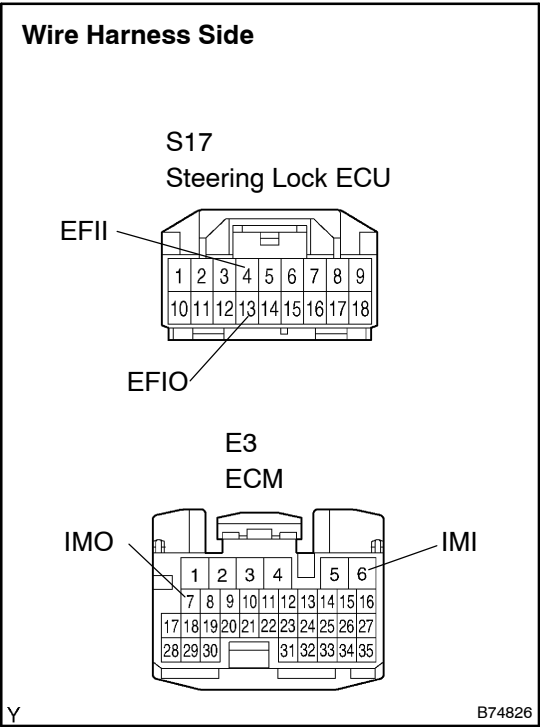
DTC No.	DTC Detection Condition	Trouble Area
B2799	<ul style="list-style-type: none">•Error in communication between ECM and steering lock ECU, and in communication line•Communication ID is different during communication with steering lock ECU	<ul style="list-style-type: none">•Wire harness•ECM

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (STEERING LOCK ECU – ECM) (STEERING LOCK ECU OR ECM – BODY GROUND)



- (a) Disconnect the S17 ECU and E3 ECM connectors.
(b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
S17-13 (EFIO) – E3-6 (IMI)	Below 1 Ω
S17-4 (EFII) – E3-7 (IMO)	Below 1 Ω
S17-13 (EFIO) or E3-6 (IMI) – Body ground	10 k Ω or higher
S17-4 (EFII) or E3-7 (IMO) – Body ground	10 k Ω or higher

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ECM