

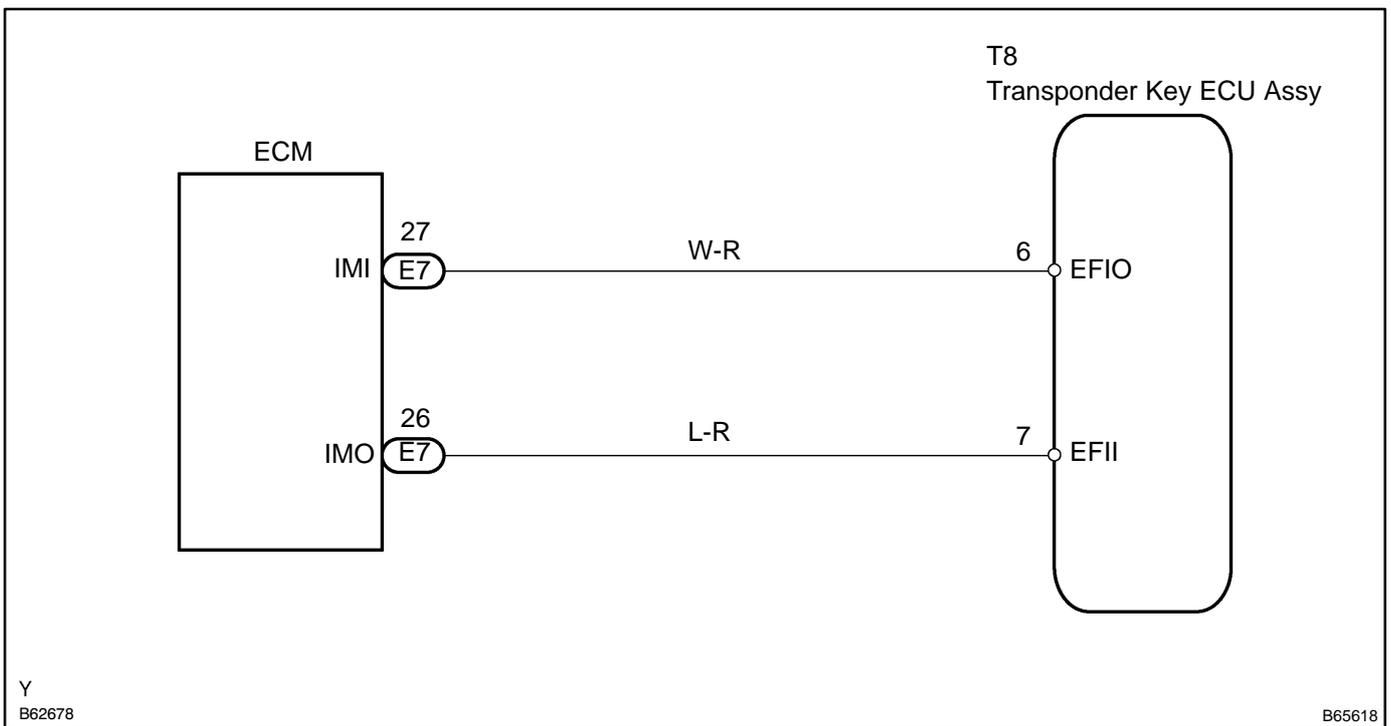
DTC	B2799	ENGINE IMMOBILISER SYSTEM MALFUNCTION
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CIRCUIT DESCRIPTION

This DTC is output from the ECM when there is a open or short circuit in the wire harness between the transponder key ECU Assy and the ECM.

DTC No.	DTC Detection Condition	Trouble Area
B2799	<ul style="list-style-type: none"> • Error in communication between ECM and transponder key ECU Assy, and in communication line • Communication key code is different in communication with transponder key ECU 	<ul style="list-style-type: none"> • Wire harness • Transponder key ECU Assy • Transponder key amplifier (transponder key coil) • ECM

WIRING DIAGRAM

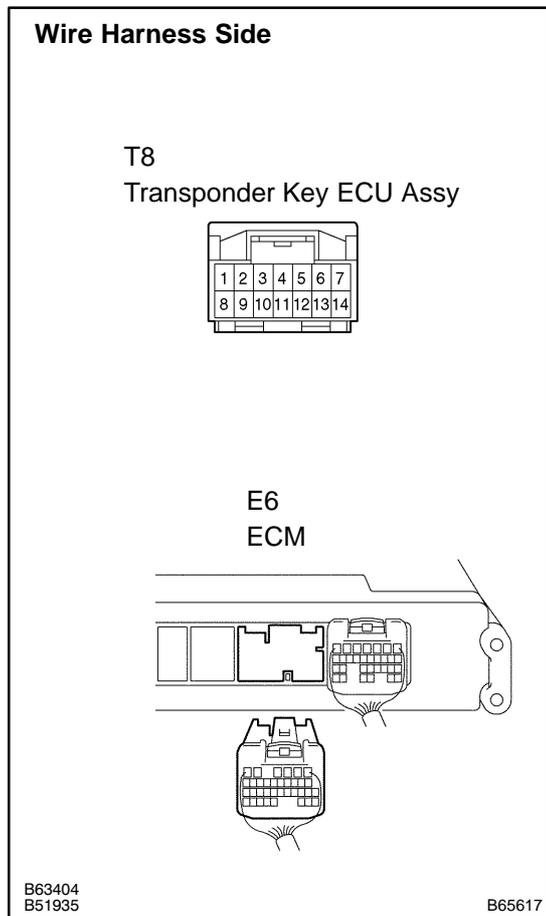


Y
B62678

B65618

INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (TRANSPONDER KEY ECU ASSY ↔ ECM)



- (a) Disconnect the T8 ECU and E6 ECM connectors.
- (b) Check the continuity between the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Specified Condition
EFIO (T8-6) ↔ IMI (E6-27)	Continuity
EFII (T8-7) ↔ IMO (E6-26)	Continuity

- (c) Check the continuity between the T8 or E6 wire harness side connectors and body ground.

Standard:

Symbols (Terminal No.) (ECU or Amplifier ↔ -)	Specified Condition
EFIO (T8-6) or IMI (E6-27) ↔ Body ground	No continuity
EFII (T8-7) or IMO (E6-26) ↔ Body ground	No continuity

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 CHECK OPERATION OF TRANSPONDER KEY AMPLIFIER

- (a) After exchanging the transponder key ECU, check that the engine starts.

NG NORMAL (TRANSPONDER KEY AMPLIFIER DEFECTIVE)

OK

REPLACE TRANSPONDER KEY ECU ASSY