

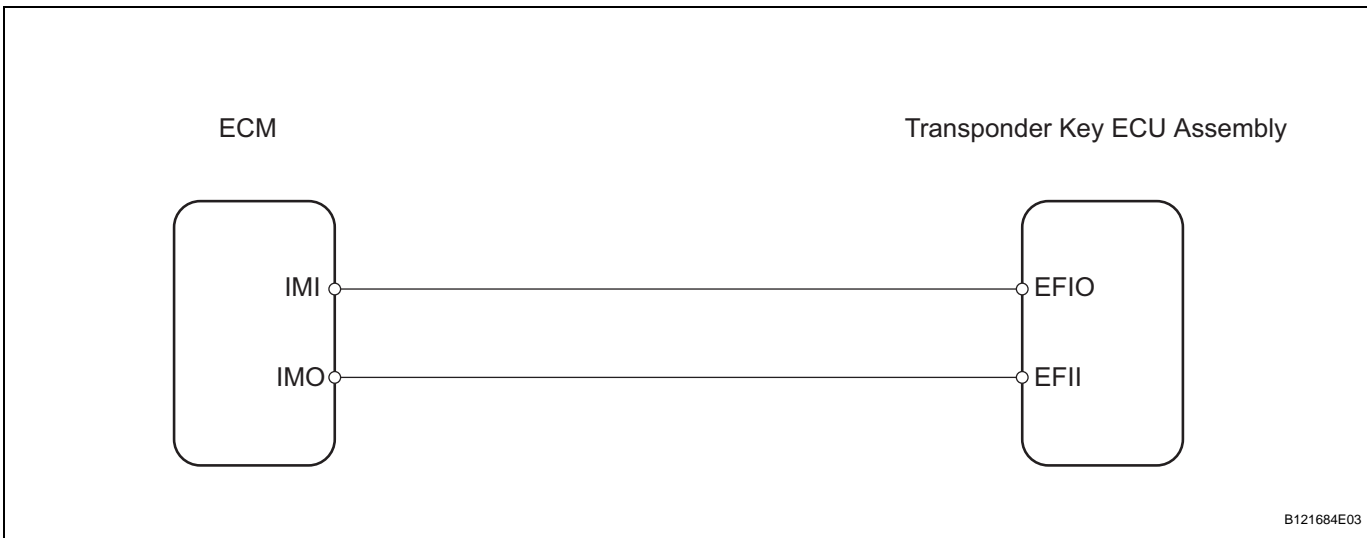
<b>DTC</b>	<b>B2799</b>	<b>Engine Immobiliser System</b>
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**DESCRIPTION**

This DTC is output when one of the following occurs: 1) the ECM detected errors in its own communications with the immobiliser code ECU; 2) the ECM detects errors in the communication lines; or 3) the ECU communication ID between the immobiliser code ECU and ECM is different and an engine start is attempted. Before troubleshooting for this DTC, make sure no certification ECU DTCs are present. If present, troubleshoot the certification ECU DTCs first.

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

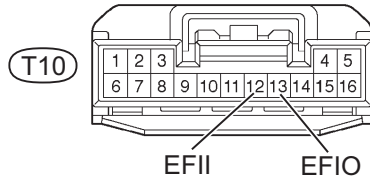
**WIRING DIAGRAM**



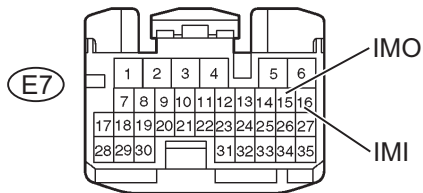
**1 CHECK HARNESS AND CONNECTOR (TRANSPONDER KEY ECU ASSEMBLY - ECM)**

Wire Harness Side:

Transponder Key ECU Assembly



ECM



B087954E02

- (a) Disconnect the T10 ECU connector.
- (b) Disconnect the E7 ECM connector.
- (c) Measure the resistance of the wire harness side connectors.

**Standard resistance**

Tester Connection	Specified Condition
T10-13 (EFIO) - E7-16 (IMI)	Below 1 Ω
T10-12 (EFII) - E7-15 (IMO)	Below 1 Ω
T10-13 (EFIO) or E7-16 (IMI) - Body ground	10 kΩ or higher
T10-12 (EFII) or E7-15 (IMO) - Body ground	10 kΩ or higher

- (d) Reconnect the ECU connector.
- (e) Reconnect the amplifier connector.

**NG** **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE ECM**