

| | | |
|------------|--------------|--|
| DTC | B2799 | ENGINE IMMOBILISER SYSTEM MALFUNCTION |
|------------|--------------|--|

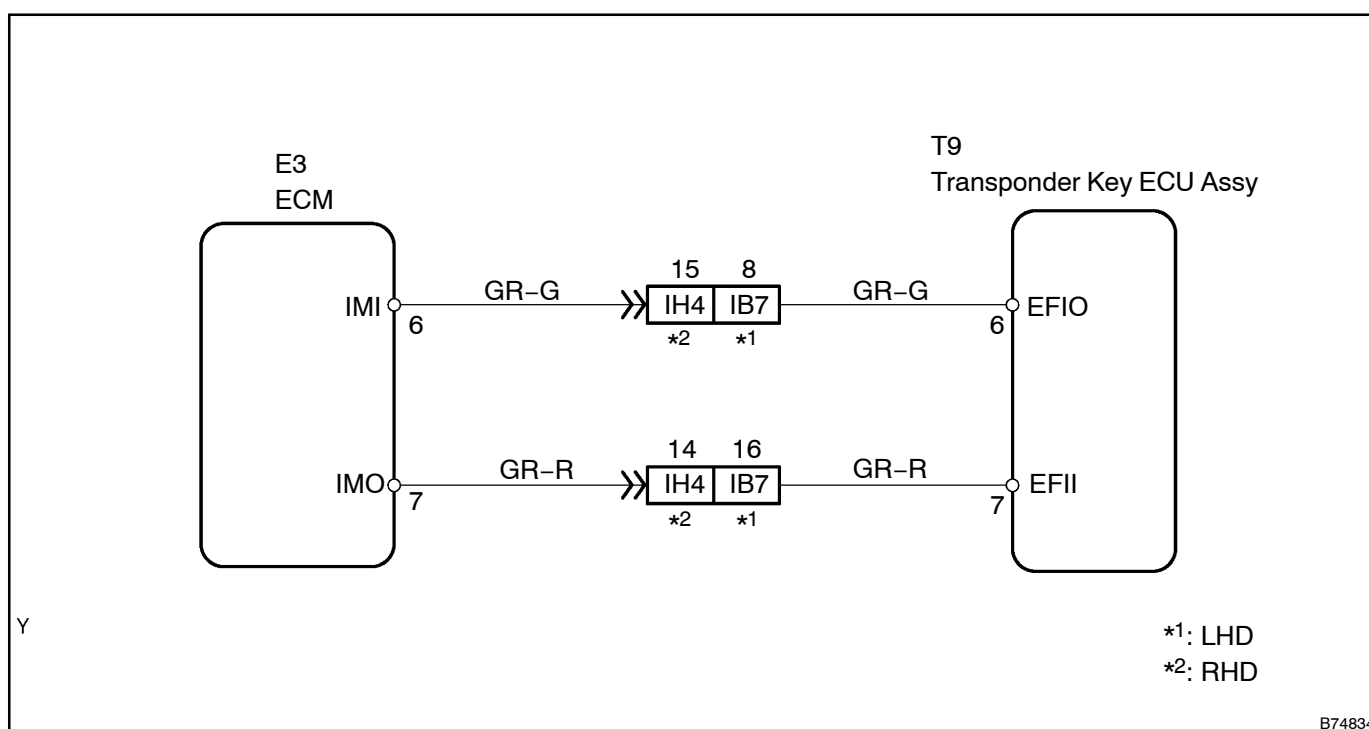
CIRCUIT DESCRIPTION

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

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

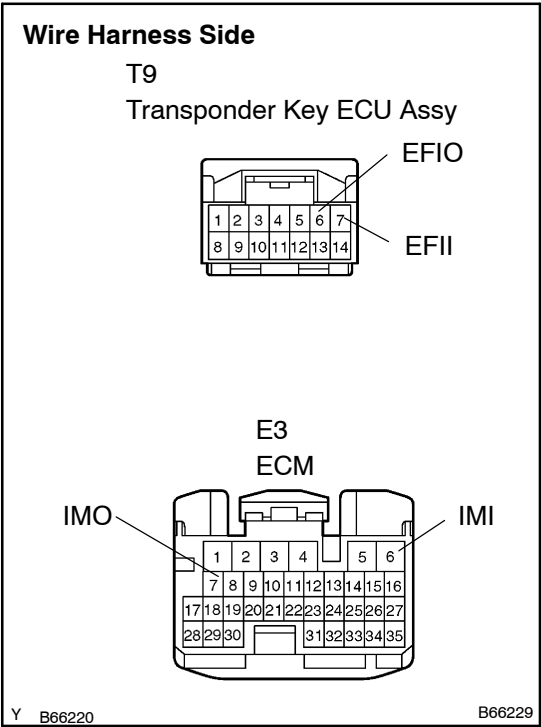
| DTC No. | DTC Detection Condition | Trouble Area |
|---------|--|---|
| B2799 | <ul style="list-style-type: none"> Error in communication between ECM and transponder key ECU, and in communication line Communication ID is different during communication with transponder key ECU | <ul style="list-style-type: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

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (TRANSPONDER KEY ECU ASSY – ECM)
(TRANSPONDER KEY ECU ASSY OR ECM – BODY GROUND)



- (a) Disconnect the T9 ECU and E3 ECM connectors.
- (b) Measure the resistance of the wire harness side connectors.

Standard:

| Tester Connection | Specified Condition |
|--|---------------------|
| T9-6 (EFIO) – E3-6 (IMI) | Below 1 Ω |
| T9-7 (EFII) – E3-7 (IMO) | Below 1 Ω |
| T9-6 (EFIO) or E3-6 (IMI) – Body ground | 10 kΩ or higher |
| T9-7 (EFII) or E3-7 (IMO) – Body ground | 10 kΩ or higher |

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ECM