

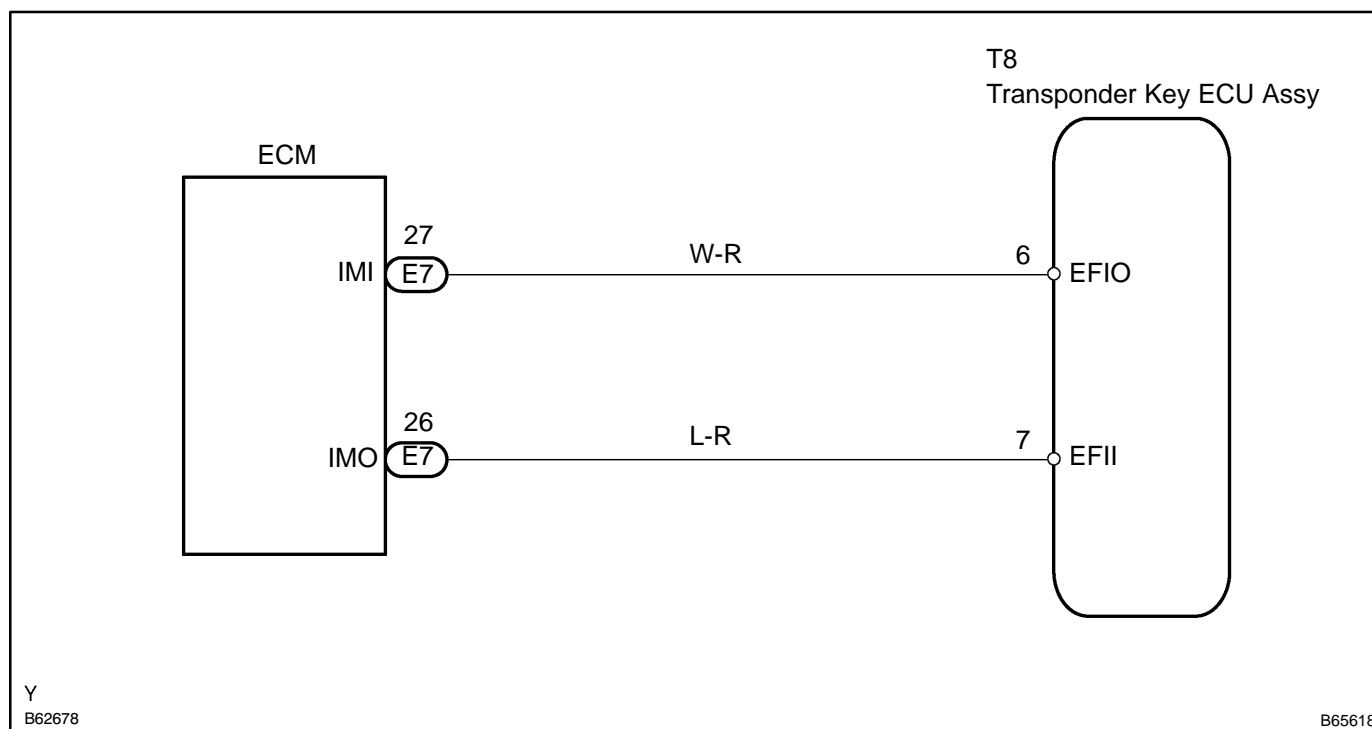
| | | |
|------------|--------------|--|
| DTC | B2799 | ENGINE IMMOBILISER SYSTEM MALFUNCTION |
|------------|--------------|--|

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 |

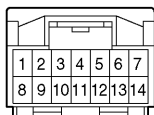
WIRING DIAGRAM



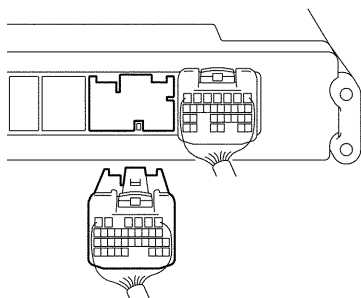
INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (TRANSPONDER KEY ECU ASSY ↔ ECM)**Wire Harness Side**

T8
Transponder Key ECU Assy



E6
ECM



B63404
B51935

B65617

- (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**