

CODE 2-1 AND 2-2 ARE NOT OUTPUT

NOTICE:

The DTC is 1CD-FTV engine only.

CIRCUIT DESCRIPTION

The transponder key ECU outputs DTC21 while identifying the master key makes the immobilizer system unset, and also DTC22 while identifying the sub key makes it unset.

HINT:

DTC21 and 22 are normal code.

DTC No.	DTC detecting condition	Trouble area
2-1, 2-2	Code 2-1 and 2-2 are not output	<ul style="list-style-type: none"> • ECM • Transponder key ECU

INSPECTION PROCEDURE

1 CHECK DTC

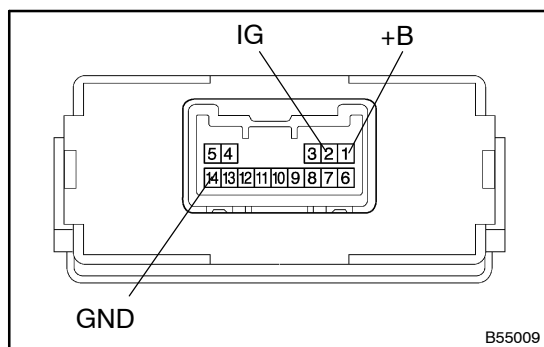
- (a) Check that a different DTC is not output.

YES

GO TO DTC CHART

NO

2 CHECK TRANSPONDER KEY ECU ASSY



- (a) Check the transponder key ECU.

Voltage and Continuity:

Tester connection	Specified condition
1 (+B) – Body ground	10 – 14 V
2 (IG) – Body ground	10 – 14 V (IG ON)
14 (GND) – Body ground	Continuity

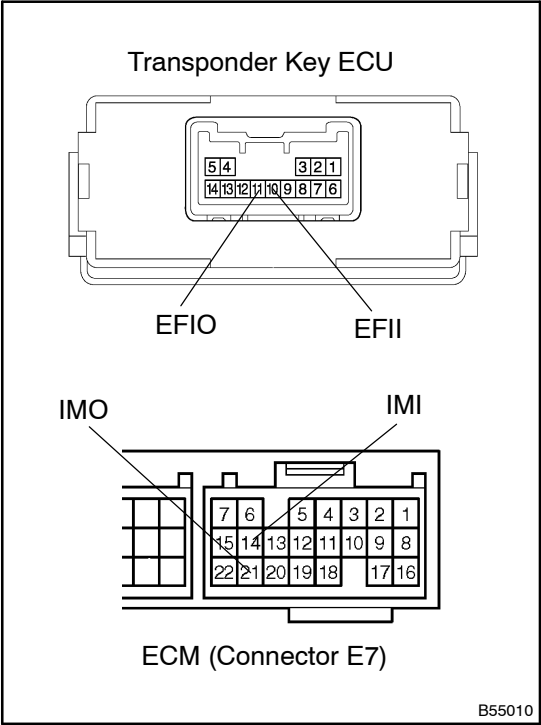
NG

REPLACE TRANSPONDER KEY ECU ASSY

OK

3

CHECK WIRE HARNESS



- (a) Disconnect the transponder key ECU connector and ECM connector E7, and check the continuity between each terminal on the wire harness side.

Terminals (Transponder ECU - ECM)	Specified condition
11 (EFIO) - E7-14 (IMI)	Continuity
10 (EFII) - E7-21 (IMO)	Continuity

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ECM