

DTC	B2799/99	Engine Immobiliser System Malfunction
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CIRCUIT DESCRIPTION

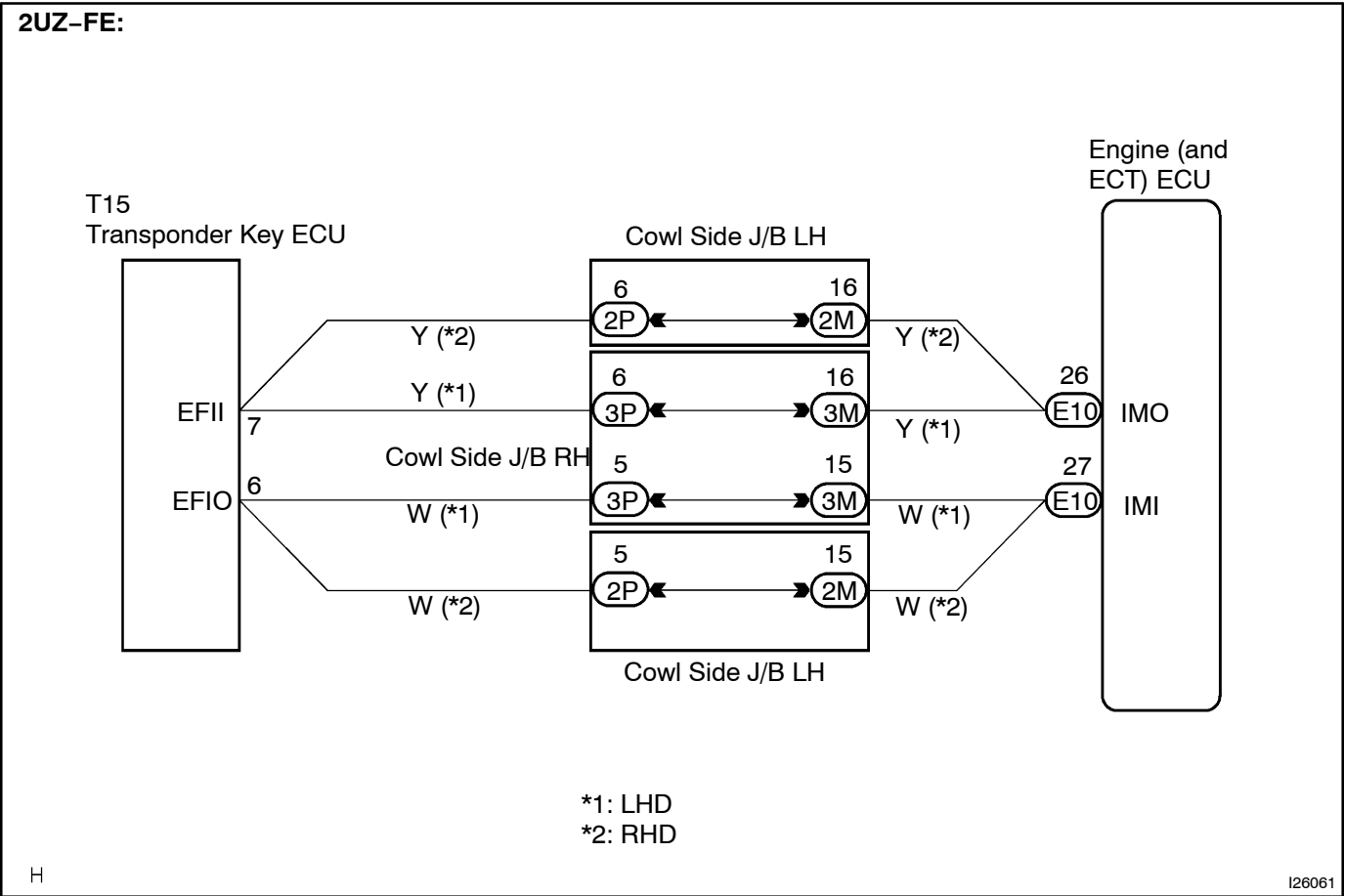
This DTC is output when the ECM detects errors in the communication between the Transponder Key ECU and the ECM, and in the communication lines.

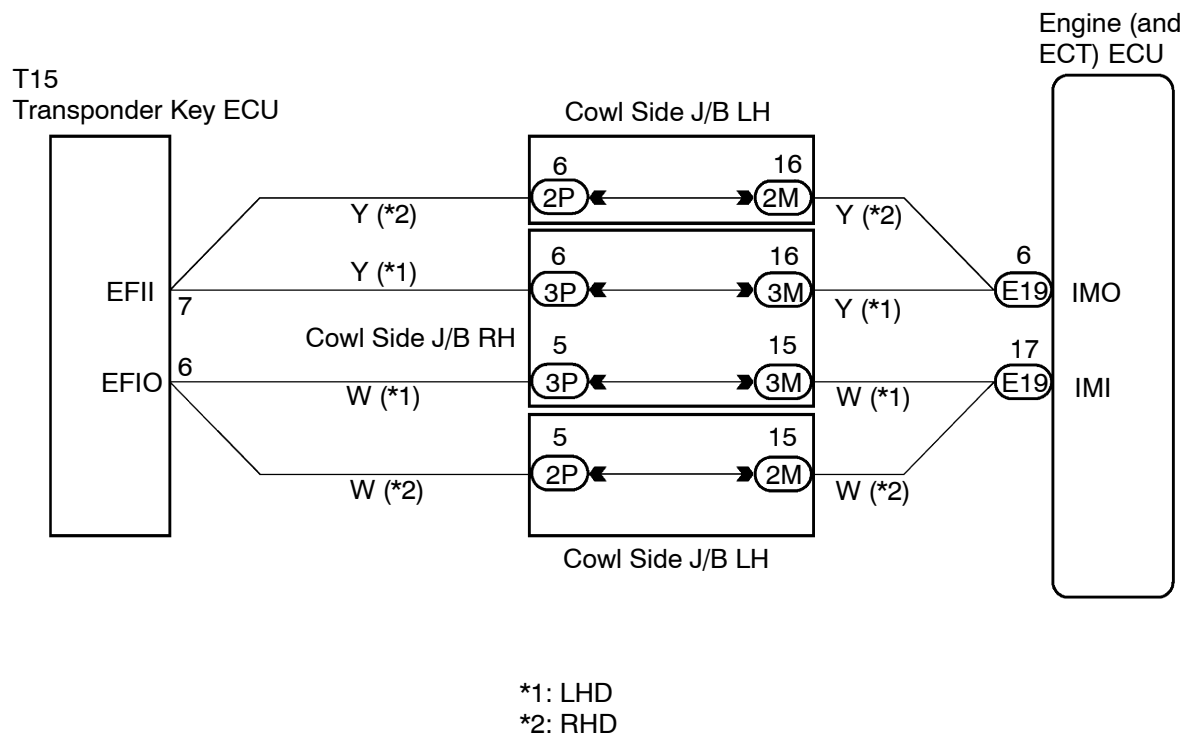
This DTC is also output when the engine start is attempted with the COMMUNICATION ID between the Transponder key ECU and the ECM is different.

Before troubleshooting for this DTC, make sure that there is no DTC detected in the Transponder Key ECU. If there is Key code-related DTC (B279X) detected in the Transponder Key ECU, repair it first.

DTC No. (See Page)	Detection Item	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 in communication with Transponder Key ECU.	<ul style="list-style-type: none">• Wire harness• Transponder Key ECU• ECM

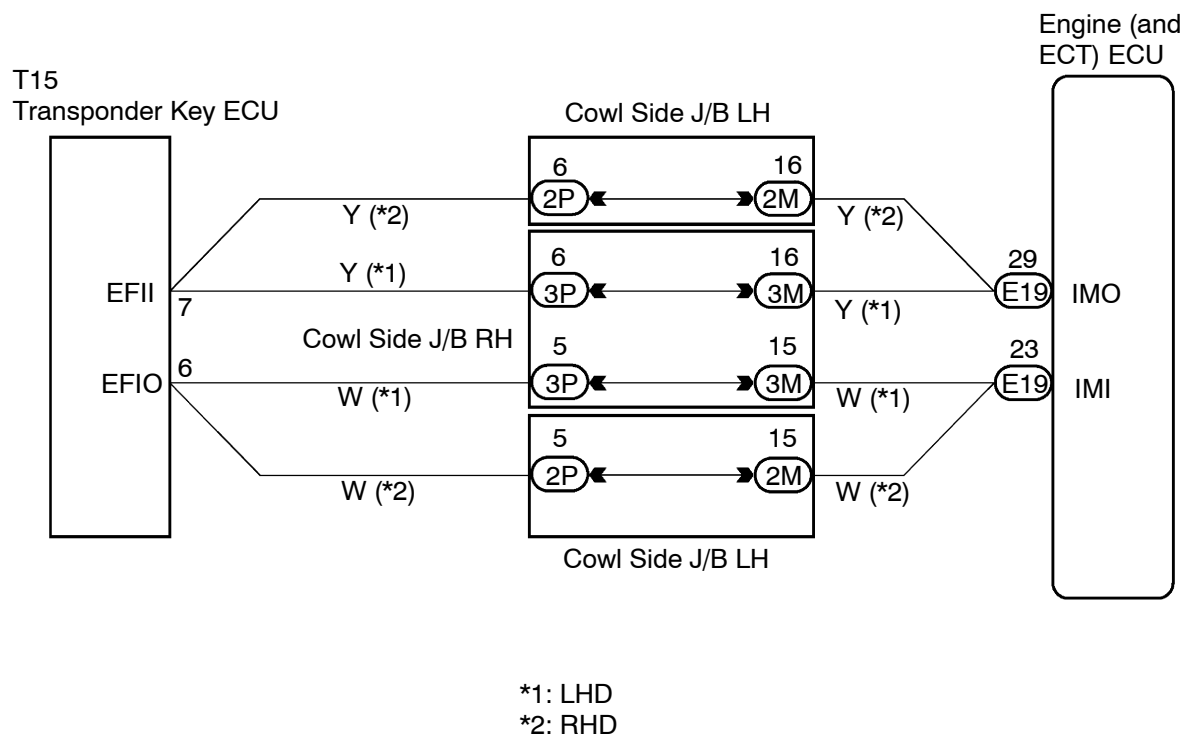
WIRING DIAGRAM



1HD-FTE (Europe):

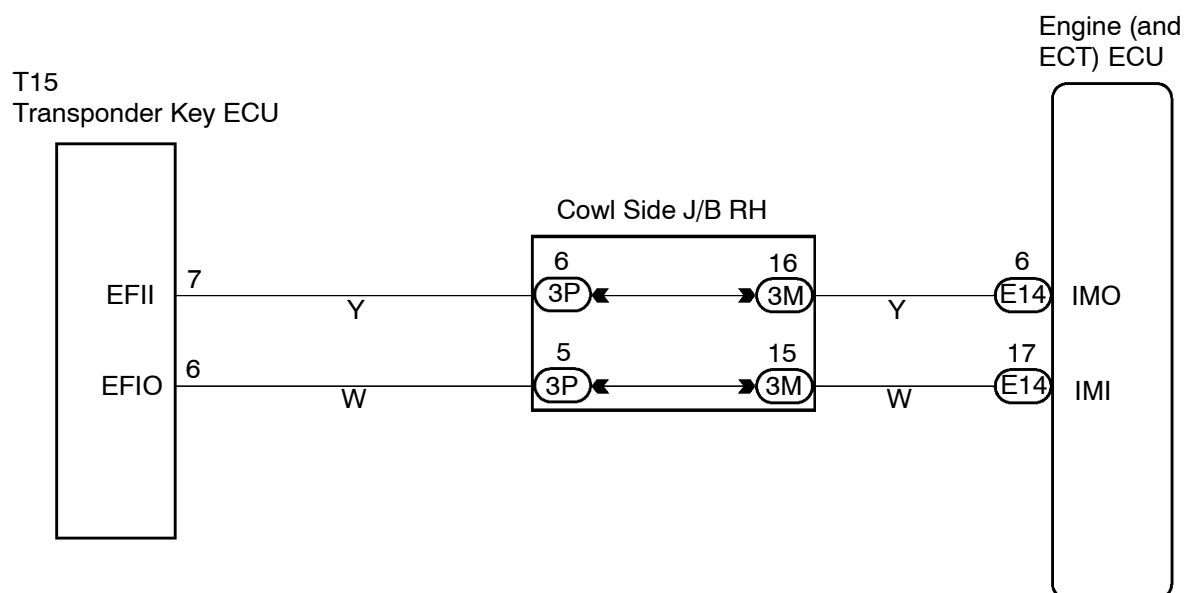
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1HD-FTE (Except Europe):

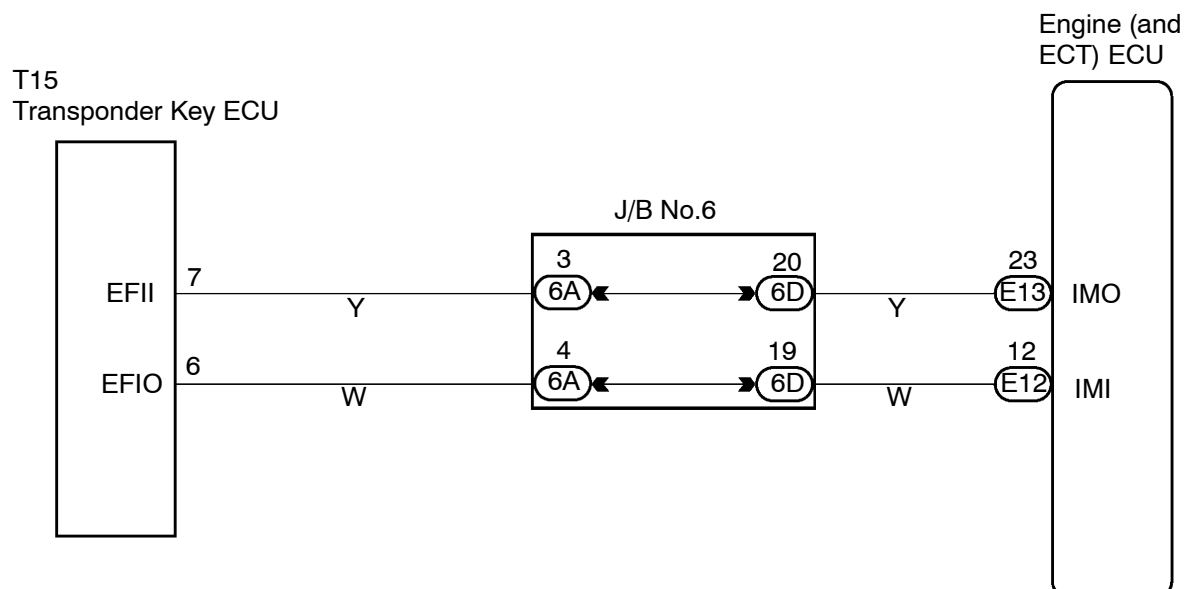
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1FZ-FE (China, Saudi Arabia, Peru):

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1FZ-FE (Except China, Saudi Arabia, Peru):

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INSPECTION PROCEDURE

1	Check wire harness and connector between Transponder Key ECU and ECM (See page IN-38).
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Repair or replace wire harness or connector.

OK

Replace the ECM