

## List of Diagnostic Trouble Code (DTC)

### IMMOBILIZER (DIAGNOSTICS)

## 9. List of Diagnostic Trouble Code (DTC)

### A: LIST

#### 1. ECM

DTC	Item	Contents of diagnosis	Index No.
P0513	Incorrect Immobilizer Key	Incorrect immobilizer key (Use of unregistered key in body integrated unit)	<Ref. to IM(diag)-16, DTC P0513 INCORRECT IMMOBILIZER KEY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1570	Antenna	Faulty antenna	<Ref. to IM(diag)-17, DTC P1570 ANTENNA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1571	Reference Code Incompatibility	Reference code incompatibility between body integrated unit and ECM	<Ref. to IM(diag)-19, DTC P1571 REFERENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1572	IMM Circuit Failure (Except Antenna Circuit)	Communication failure between body integrated unit and ECM	<Ref. to IM(diag)-20, DTC P1572 IMM CIRCUIT FAILURE (EXCEPT ANTENNA CIRCUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1574	Key Communication Failure	Communication failure between key and body integrated unit	<Ref. to IM(diag)-22, DTC P1574 KEY COMMUNICATION FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1576	EGI Control Module EEPROM	ECM malfunctioning	<Ref. to IM(diag)-22, DTC P1576 EGI CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1577	IMM Control Module EEPROM	Body integrated unit malfunctioning	<Ref. to IM(diag)-23, DTC P1577 IMM CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1578	Meter Failure (Except for model for Canada)	<ul style="list-style-type: none"> <li>• Reference code incompatibility between combination meter and body integrated unit</li> <li>• Communication failure between body integrated unit and ECM</li> </ul>	<Ref. to IM(diag)-23, DTC P1578 METER FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	Meter Failure (Model for Canada)	<ul style="list-style-type: none"> <li>• Reference code incompatibility between body integrated unit and security control module</li> <li>• Communication failure between body integrated unit and ECM</li> </ul>	

#### NOTE:

Perform diagnosis of engine DTC when a DTC other than an immobilizer DTC is detected. <Ref. to EN(H4DO)(diag)-82, List of Diagnostic Trouble Code (DTC).>

# List of Diagnostic Trouble Code (DTC)

IMMOBILIZER (DIAGNOSTICS)

## 2. BODY INTEGRATED UNIT

DTC	Item	Contents of diagnosis	Index No.	Relation between ECM and DTC
B1401	M Collation NG	Reference code incompatibility between combination meter and body integrated unit	<Ref. to IM(diag)-24, DTC B1401 M COLLATION NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1402	Immobilizer Key Collation NG	<ul style="list-style-type: none"> <li>• Incorrect immobilizer key (Use of unregistered key in body integrated unit)</li> <li>• Faulty antenna</li> <li>• Communication failure between key and body integrated unit</li> </ul>	<Ref. to IM(diag)-24, DTC B1402 IMMOBILIZER KEY COLLATION NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	<ul style="list-style-type: none"> <li>• P0513</li> <li>• P1570</li> <li>• P1574</li> </ul>
B1405	SCU Collation NG	Reference code incompatibility between body integrated unit and security control module	<Ref. to IM(diag)-25, DTC B1405 SCU COLLATION NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1406	SCU_EEPROM_NG	Malfunction of security control module	<Ref. to IM(diag)-25, DTC B1406 SCU_EEPROM_NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1407	M Communication Abnormal	Communication failure between body integrated unit and combination meter	<Ref. to IM(diag)-26, DTC B1407 M COMMUNICATION ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1408	Meter EEPROM Abnormal	Combination meter malfunction	<Ref. to IM(diag)-26, DTC B1408 METER EEPROM ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1409	SCU Communication Abnormal	Communication failure between body integrated unit and security control module	<Ref. to IM(diag)-27, DTC B1409 SCU COMMUNICATION ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1578
B1410	Transponder Communication Abnormal	Communication failure between key and body integrated unit	<Ref. to IM(diag)-29, DTC B1410 TRANSPONDER COMMUNICATION ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1574
B1411	Immobilizer Antenna Abnormal	Faulty antenna	<Ref. to IM(diag)-29, DTC B1411 IMMOBILIZER ANTENNA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>	P1570

### NOTE:

The starter relay control is performed in immobilizer system. When the body integrated unit detects a non-conformity of reference code, it immediately outputs a starter relay cut signal to ECM, and then ECM stops the starter relay operation. In this case, engine does not start, and DTC is not recorded in ECM. Check that the engine does not start on the DTC of body integrated unit.