

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">Reference code incompatibility between combination meter and body integrated unitCommunication failure between body integrated unit and ECM | <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">Reference code incompatibility between body integrated unit and security control moduleCommunication failure between body integrated unit and ECM | |

NOTE:

Perform diagnosis of engine DTC when a DTC other than an immobilizer DTC is detected. <Ref. to EN(H4DO)(diag)-79, List of Diagnostic Trouble Code (DTC).>

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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"> Incorrect immobilizer key (Use of unregistered key in body integrated unit) Faulty antenna Communication failure between key and body integrated unit | <Ref. to IM(diag)-24, DTC B1402 IMMobilizer KEY COLLATION NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> | <ul style="list-style-type: none"> P0513 P1570 P1574 |
| 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_N G | Malfunction of security control module | <Ref. to IM(diag)-25, DTC B1406 SCU_EEPROM_N G, 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)-25, 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.