

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 | EGI — Immobilizer Communication (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 — Immobilizer Communication | Failure of body integrated unit to verify key (transponder) ID code | <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)-23, 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 malfunctioning | Reference code incompatibility between body integrated unit and combination meter | <Ref. to IM (diag)-24, DTC P1578 METER FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

NOTE:

Perform the diagnosis of engine DTC when the DTC except for immobilizer DTC is detected. <Ref. to EN(H6DO)(diag)-69, 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 |
|-------|------------------------------|--|--|---|
| B0401 | M collation NG | Reference code incompatibility between body integrated unit and combination meter | <Ref. to IM (diag)-24, DTC P1578 METER FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> | P1578 |
| B0402 | Immobilizer Key collation NG | <ul style="list-style-type: none">Incorrect immobilizer key (Use of unregistered key in body integrated unit)Faulty antenna | <Ref. to IM (diag)-16, DTC P0513 INCORRECT IMMobilizer KEY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <Ref. to IM (diag)-17, DTC P1570 ANTENNA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> or <Ref. to IM (diag)-22, DTC P1574 KEY COMMUNICATION FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> | <ul style="list-style-type: none">P0513P1570P1574 |
| B0403 | E/G request NG | 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).> | P1572 |

NOTE:

In immobilizer system, performing the starter relay control. When the body integrated unit detect the incompatibility of reference code, immediately output the starter relay cut signal to ECM, and then ECM stop 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.