






























1A



## DTC Table

| DTC               | DTC name  | DTC detecting condition   |
|-------------------|---|---|
| C00               | None  | —   |
| P0105-H / P0105-L | IAP sensor #1 circuit high voltage / low voltage<br>                           | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.          |
| C17               | IAP sensor #1 circuit malfunction<br>  | The sensor output voltage is not within 0.50 V – 4.85 V.  |
| P0110-H / P0110-L | IAT sensor circuit high voltage / low voltage<br>                              | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.          |
| C21               | IAT sensor circuit malfunction<br>   | The sensor output voltage is not within 0.15 V – 4.85 V.  |
| P0115-H / P0115-L | ECT sensor circuit high voltage / low voltage<br>                              | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.          |
| C15               | ECT sensor circuit malfunction<br>   | The sensor output voltage is not within 0.15 V – 4.85 V.  |
| P0120-H / P0120-L | TP sensor circuit high voltage / low voltage<br>                             | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.          |
| C14 *1            | TP sensor circuit malfunction<br>  | The sensor output voltage is not within 0.20 V – 4.80 V.  |
| P0130             | HO2 sensor #1 circuit malfunction   | HO2 sensor #1 output voltage is not input to ECM during engine operation and running condition.                                       |
| C64               |    |   |
| P0135             | HO2 sensor #1 heater circuit  | The heater can not operate so that heater operation voltage is not supplied to the HO2 sensor #1 heater circuit.                      |
| C64               |    |   |
| P0156             | HO2 sensor #2 circuit malfunction   | HO2 sensor #2 output voltage is not input to ECM during engine operation and running condition.                                       |
| C44               |    |   |
| P0161             | HO2 sensor #2 heater circuit  | The heater can not operate so that heater operation voltage is not supplied to the HO2 sensor #2 heater circuit.                      |
| C44               |    |   |
| P0201             | Fuel injector #1 circuit malfunction  | Fuel injector signal is interrupted by 4 times or more continuity although CKP signal is detected.                                    |
| C32               |    |   |
| P0202             | Fuel injector #2 circuit malfunction  | Fuel injector signal is interrupted by 4 times or more continuity although CKP signal is detected.                                    |
| C33               |    |   |
| P0230-H / P0230-L | Unexpected power supply to fuel pump / Unexpected power cut to fuel pump<br> | Voltage is applied to fuel pump although FP relay is turned OFF. / No voltage is applied to fuel pump although FP relay is turned ON. |
| C41               | FP relay circuit malfunction<br>   |   |

|                   |  |   |  |
|-------------------|--|---|--|
| P0335             | CKP sensor circuit malfunction                               |    | The signal does not reach ECM for 2 sec. or more, after receiving the starter signal.  |
| C12               |  |   |  |
| P0351             | Ignition system malfunction                                  |    | Ignition coil signal is interrupted by 4 times or more continuity although CKP signal is detected.<br>P0351 (C24): Ignition coil #1(center)  |
| C24               |  |   |  |
| P0352             | Ignition system malfunction                                  |    | Ignition coil signal is interrupted by 4 times or more continuity although CKP signal is detected.<br>P0352 (C25): Ignition coil #2 (center)   |
| C25               |  |   |  |
| P0353             | Ignition system malfunction                                  |    | Ignition coil signal is interrupted by 4 times or more continuity although CKP signal is detected.<br>P0353 (C26): Ignition coil #1(side)  |
| C26               |  |   |  |
| P0354             | Ignition system malfunction                                  |    | Ignition coil signal is interrupted by 4 times or more continuity although CKP signal is detected.<br>P0354 (C27): Ignition coil #2 (side)   |
| C27               |  |   |  |
| P0443 *2          | EVAP system purge control solenoid valve circuit malfunction |    | EVAP system purge control solenoid valve voltage is not input to ECM.  |
| C62 *2            |  |   |  |
| P0480             | Cooling fan relay circuit malfunction                        |    | Cooling fan relay signal is not input to ECM.  |
| C60               |  |   |  |
| P0500             | Speed sensor circuit malfunction (Front)                     |    | The speed sensor signal is not input for more than 6 sec.  |
| C16               |  |   |  |
| P0506             | ISC valve, lower than desired rpm / higher than desired rpm  |  | Idle speed dropped lower than desired idle speed by more than specified range.   |
| C65               | Idle Speed Malfunction                                       |   |  |
| P0507             | ISC valve, lower than desired rpm / higher than desired rpm  |  | Idle speed rose higher than desired idle speed by more than specified range.   |
| C65               | Idle Speed Malfunction                                       |   |  |
| P0705             | GP switch circuit malfunction                                |  | Gear position signal voltage is higher than the specified value.   |
| C31               |  |   |  |
| P1500             | Speed sensor circuit malfunction (Rear)                      |  | The speed sensor signal is not input for more than 6 sec.  |
| C91               |  |   |  |
| P1650             | IG switch circuit malfunction                                |  | Ignition switch signal is not input to the ECM.<br>When the ID agreement is not verified. (Equipped with immobilizer system)<br>ECM does not receive communication signal from the immobilizer antenna. (Equipped with immobilizer system) |
| C42               |  |   |  |
| P1651-H / P1651-L | TO sensor circuit high voltage / low voltage                 |  | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.   |
| C23               | TO sensor circuit malfunction                                |   |  |

|                   |   |  |
|-------------------|---|--|
| P1654-H / P1654-L | STP sensor circuit high voltage / low voltage<br>            | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.                                 |
| C29               | STP sensor circuit malfunction<br>                           | The sensor output voltage is not within 0.10 V – 4.80 V.   |
| P1655             | STVA circuit malfunction<br>                                 | STVA control signal is not supplied from the ECM. ECM does not receive communication signal from the STVA or operation voltage does not reach STVA.          |
| C28               |   |  |
| P1657-H / P1657-L | EXCVA position sensor circuit high voltage / low voltage<br> | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.                                 |
| C46               | EXCVA position sensor circuit malfunction<br>                | The sensor output voltage is not within 0.14 V – 4.90 V.   |
| P1658             | EXCVA motor circuit malfunction<br>                          | EXCVA control signal is not supplied from the ECM. ECM does not receive communication signal from the EXCVA or operation voltage does not reach EXCVA motor. |
| C46               |   |  |
| P1750-H / P1750-L | IAP sensor #2 circuit high voltage / low voltage<br>         | The sensor output voltage is higher than the specified value. / The sensor output voltage is lower than the specified value.                                 |
| C13               | IAP sensor #2 circuit malfunction<br>                       | The sensor output voltage is not within 0.50 V – 4.85 V.   |
| P2505             | ECM power input signal circuit malfunction<br>             | No voltage is applied to the ECM, although the ignition switch is turned ON.   |
| C41               |   |  |

In the LCD (DISPLAY) panel, the DTC is indicated from small code to large code.

#### **\*1**

To get the proper signal from the TP sensor, the sensor basic position is indicated in the LCD (DISPLAY) panel. The DTC is indicated in three digits. In front of the three digits, a line appears in any of the three positions, upper, middle or lower line. If the indication is upper or lower line when engine rpm is 1200 r/min, slightly turn the TP sensor and bring the line to the middle.

#### **\*2**

If equipped.