# 11.List of Diagnostic Trouble Code (DTC)

## A: LIST

| DTC | Item | Content of diagnosis | Note |
|---|---|---|---|
| None | Without DTC | Normal | <Ref. to PS(diag)-15, WITHOUT DTC, INSPECTION, Subaru Select Monitor.> |
| | "Assist limitation" is displayed in the current data «EPS operating condition». | Assist limitation is performed due to overheat protection control. | <Ref. to PS(diag)-19, POWER STEERING ASSIST DISABLED, STEERING WARNING LIGHT DOES NOT COME ON, STEERING Warning Light.> |
| | "Overheating protection intervention history" in current data display shows 1 or more. | There are previous records of intervention to overheat protection control. | <Ref. to PS(diag)-19, POWER STEERING ASSIST DISABLED, STEERING WARNING LIGHT DOES NOT COME ON, STEERING Warning Light.> |
| C2511 | Torque Sensor Failure 1 (Main) | • Poor connector contact<br>• Forgot to connect connector<br>• Faulty torque sensor section circuit<br>• Faulty torque sensor coil | <Ref. to PS(diag)-24, DTC C2511 TORQUE SENSOR FAILURE 1 (MAIN), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2512 | Torque Sensor Failure 2 (Sub) | | <Ref. to PS(diag)-25, DTC C2512 TORQUE SENSOR FAILURE 2 (SUB), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2513 | Torque Sensor Failure 3 (Much Tolerance) | | <Ref. to PS(diag)-25, DTC C2513 TORQUE SENSOR FAILURE 3 (MUCH TOLERANCE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2514 | Torque Sensor Power Supply Failure | | <Ref. to PS(diag)-26, DTC C2514 TORQUE SENSOR POWER SUPPLY FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2521 | Motor Failure 1 (Motor) | • Poor connector contact<br>• Forgot to connect connector<br>• Harness open/short circuit<br>• Motor open circuit<br>• Power transistor shorted/open<br>• Terminal power supply or ground short | <Ref. to PS(diag)-27, DTC C2521 MOTOR FAILURE 1 (MOTOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2522 | Motor Failure 2 (Angle Abnormal) | | <Ref. to PS(diag)-28, DTC C2522 MOTOR FAILURE 2 (ANGLE ABNORMAL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2531 | ECU Failure 1 (CPU Failure) | Faulty main unit of power steering control module | <Ref. to PS(diag)-29, DTC C2531 ECU FAILURE 1 (CPU FAILURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2532 | ECU Failure 2 (Peripheral Circuit Failure) | Faulty main unit of power steering control module | <Ref. to PS(diag)-29, DTC C2532 ECU FAILURE 2 (PERIPHERAL CIRCUIT FAILURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2533 | ECM Failure 3 (Board Temperature Sensor Failure) | Faulty main unit of power steering control module | <Ref. to PS(diag)-29, DTC C2533 ECM FAILURE 3 (BOARD TEMPERATURE SENSOR FAILURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2541 | Vehicle Speed Failure(Sensor Failure) | • Poor connector contact<br>• Forgot to connect connector<br>• Harness open/short circuit<br>• VDC system failure | <Ref. to PS(diag)-30, DTC C2541 VEHICLE SPEED FAILURE(SENSOR FAILURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2543 | Error Passive Status | Defective CAN communication | <Ref. to PS(diag)-31, DTC C2543 ERROR PASSIVE STATUS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

# List of Diagnostic Trouble Code (DTC)

| DTC | Item | Content of diagnosis | Note |
|---|---|---|---|
| C2548 | Vehicle Dynamics Control Module Abnormal | VDC system failure | <Ref. to PS(diag)-32, DTC C2548 VEHICLE DYNAMICS CONTROL MODULE ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C2551 | Power Supply Relay Failure | • Power supply voltage malfunction<br>• Faulty relay contact | <Ref. to PS(diag)-33, DTC C2551 POWER SUPPLY RELAY FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0073 | Control Module Communication Bus Off | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0073 CONTROL MODULE COMMUNICATION BUS OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0100 | Lost Communication With ECM/PCM "A" | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0100 LOST COMMUNICATION WITH ECM/PCM "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0122 | Lost Communication With Vehicle Dynamics Control Module | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0122 LOST COMMUNICATION WITH VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0126 | Lost Communication With Steering Angle Sensor Module | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0126 LOST COMMUNICATION WITH STEERING ANGLE SENSOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0155 | Lost Communication With Instrument Panel Cluster (IPC) Control Module | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0155 LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0401 | Invalid Data Received From ECM/PCM "A" | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0401 INVALID DATA RECEIVED FROM ECM/PCM "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0416 | Invalid Data Received From Vehicle Dynamics Control Module | Defective CAN communication | <Ref. to PS(diag)-35, DTC U0416 INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |