11.List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Content of diagnosis	Note
None	Without DTC	Normal	<Ref. to PS(diag)-17, 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)-22, POWER STEERING ASSIST DISABLED, STEERING WARNING LIGHT DOES NOT COME ON, STEERING Warning Light.>
	The current data «Overheating protection intervention history» is more than once.	There are previous records of intervention to overheat protection control.	<Ref. to PS(diag)-22, POWER STEERING ASSIST DISABLED, STEERING WARNING LIGHT DOES NOT COME ON, STEERING Warning Light.>
C2511	Torque Sensor Failure 1 (Main)	• Poor connector contact • Forgot to connect connector • Faulty torque sensor section circuit • Faulty torque sensor coil	<Ref. to PS(diag)-26, DTC C2511 TORQUE SENSOR FAILURE 1 (MAIN), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2512	Torque Sensor Failure 2 (Sub)		<Ref. to PS(diag)-27, 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)-27, 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)-28, DTC C2514 TORQUE SENSOR POWER SUPPLY FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2521	Motor Failure 1 (Motor)	• Poor connector contact • Forgot to connect connector • Harness open/short circuit • Motor open circuit • Power transistor shorted/open • Terminal power supply or ground short	<Ref. to PS(diag)-29, DTC C2521 MOTOR FAILURE 1 (MOTOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2522	Motor Failure 2 (Angle Abnormal)		<Ref. to PS(diag)-30, 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)-31, 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)-31, 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)-31, DTC C2533 ECM FAILURE 3 (BOARD TEMPERATURE SENSOR FAILURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2541	Vehicle Speed Is Abnormal	• Poor connector contact • Forgot to connect connector • Harness open/short circuit	<Ref. to PS(diag)-32, DTC C2541 VEHICLE SPEED IS ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2543	Error Passive Status	Defective CAN communication	<Ref. to PS(diag)-32, DTC C2543 ERROR PASSIVE STATUS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C2551	Power Supply Relay Failure	• Power supply voltage malfunction • Faulty relay contact	<Ref. to PS(diag)-33, DTC C2551 POWER SUPPLY RELAY FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Content of diagnosis	Note
C2552	Motor Relay Abnormal	Faulty relay	<Ref. to PS(diag)-34, DTC C2552 MOTOR RELAY ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0073	Control Module Communication Bus "A" Off	Defective CAN communication	<Ref. to PS(diag)-34, DTC U0073 CONTROL MODULE COMMUNICATION BUS "A" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0122	Lost Communication With Vehicle Dynamics Control Module	Defective CAN communication	<Ref. to PS(diag)-34, DTC U0122 LOST COMMUNICATION WITH VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	Defective CAN communication	<Ref. to PS(diag)-34, DTC U0416 INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1120	Lost Communication With Autostart Stop Control Module	Defective CAN communication	<Ref. to PS(diag)-34, DTC U1120 LOST COMMUNICATION WITH AUTOSTART STOP CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>