

15. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Subaru Select Monitor display items	Contents of diagnosis	Note
U0073	Control Module Communication Bus "A" Off	Detected when bus off status (the stereo camera detects the failure and is disconnected from CAN line) occurs.	<Ref. to ES(diag)-87, DTC U0073 CONTROL MODULE COMMUNICATION BUS "A" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0100	Lost Communication With ECM/PCM "A"	Detected when CAN data from ECM is not transmitted to stereo camera.	<Ref. to ES(diag)-87, DTC U0100 LOST COMMUNICATION WITH ECM/PCM "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0101	Lost Communication With TCM	Detected when CAN data from TCM is not transmitted to stereo camera.	<Ref. to ES(diag)-87, DTC U0101 LOST COMMUNICATION WITH TCM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0122	Lost Communication With Vehicle Dynamics Control Module	Detected when CAN data from VDC is not transmitted to stereo camera.	<Ref. to ES(diag)-87, DTC U0122 LOST COMMUNICATION WITH VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0128	Lost Communication With Park Brake Control Module	Detected when CAN data from EPB is not transmitted to stereo camera.	<Ref. to ES(diag)-87, DTC U0128 LOST COMMUNICATION WITH PARK BRAKE CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0140	Lost Communication With Body Control Module	Detected when CAN data from body integrated unit is not transmitted to stereo camera.	<Ref. to ES(diag)-87, DTC U0140 LOST COMMUNICATION WITH BODY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	Detected when CAN data from combination meter is not transmitted to stereo camera.	<Ref. to ES(diag)-87, 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"	Failure counter diagnosis of engine control module (ECM)	<Ref. to ES(diag)-87, DTC U0401 INVALID DATA RECEIVED FROM ECM/PCM "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0402	Invalid Data Received From TCM	Failure counter diagnosis of automatic transmission control module (TCM)	<Ref. to ES(diag)-87, DTC U0402 INVALID DATA RECEIVED FROM TCM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	Failure counter diagnosis of VDC control module (VDC CM)	<Ref. to ES(diag)-88, DTC U0416 INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0417	Invalid Data Received From Park Brake Control Module	Failure counter diagnosis of electronic parking brake control module (EPB CM)	<Ref. to ES(diag)-88, DTC U0417 INVALID DATA RECEIVED FROM PARK BRAKE CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0422	Invalid Data Received From Body Control Module	Failure counter diagnosis of body integrated unit	<Ref. to ES(diag)-88, DTC U0422 INVALID DATA RECEIVED FROM BODY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	Failure counter diagnosis of combination meter	<Ref. to ES(diag)-88, DTC U0423 INVALID DATA RECEIVED FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1001	CAN-HS Abnormal	Detected when error occurs in the high speed CAN communication circuit.	<Ref. to ES(diag)-88, DTC U1001 CAN-HS ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2801	TCM Abnormal	Detected when error occurs in the automatic transmission.	<Ref. to ES(diag)-88, DTC B2801 TCM ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

EyeSight (DIAGNOSTICS)

DTC	Subaru Select Monitor display items	Contents of diagnosis	Note
B2802	ETC Abnormal	Detected when error occurs in the electronic throttle control.	<Ref. to ES(diag)-88, DTC B2802 ETC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2803	EPB Abnormal	Detected when error occurs in the electronic parking brake.	<Ref. to ES(diag)-88, DTC B2803 EPB ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2804			<Ref. to ES(diag)-88, DTC B2804 EPB ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2805	BIU Abnormal	Detected when error occurs in the body integrated unit.	<Ref. to ES(diag)-89, DTC B2805 BIU ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2806	ECM Abnormal	Detected when error occurs in the engine control module (ECM).	<Ref. to ES(diag)-89, DTC B2806 ECM ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2807		Detected when cruise indicator illumination request from ECM and ON/OFF information of cruise function do not match.	<Ref. to ES(diag)-89, DTC B2807 ECM ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2809	VDC Abnormal	Detected when error occurs in the VDC.	<Ref. to ES(diag)-89, DTC B2809 VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280A		VDC brake control malfunction 1	<Ref. to ES(diag)-89, DTC B280A VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280B		VDC brake control malfunction 2	<Ref. to ES(diag)-89, DTC B280B VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280C		VDC fluid pressure control is prohibited.	<Ref. to ES(diag)-89, DTC B280C VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280D		Pre-collision brake assist is prohibited.	<Ref. to ES(diag)-89, DTC B280D VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280E		VDC wrong variant	<Ref. to ES(diag)-89, DTC B280E VDC ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B280F	Meter Abnormal	Detected when error occurs in the CAN communication with combination meter.	<Ref. to ES(diag)-90, DTC B280F METER ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2810		Detected when different (undesignated) type of combination meter is installed.	<Ref. to ES(diag)-90, DTC B2810 METER ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2813	Brake Switch Abnormal	Detected when error occurs in the brake switch system.	<Ref. to ES(diag)-91, DTC B2813 BRAKE SWITCH ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2814	Power Supply Volt Error	Detected when battery voltage is below specified value or when the +B harness of the stereo camera is broken.	<Ref. to ES(diag)-93, DTC B2814 POWER SUPPLY VOLT ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2815		Detected when battery voltage exceeds the specified value.	<Ref. to ES(diag)-94, DTC B2815 POWER SUPPLY VOLT ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B2817	Brake Lamp Error	Detected when error occurs in the brake light illumination circuit.	<Ref. to ES(diag)-95, DTC B2817 BRAKE LAMP ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

EyeSight (DIAGNOSTICS)

DTC	Subaru Select Monitor display items	Contents of diagnosis	Note
B28A0	Vehicle Model Judgment Abnormal	Detected when the model code stored in EEPROM and the model code used for CAN data are different, or when +B harness of the stereo camera is broken at aiming completion.	<Ref. to ES(diag)-98, DTC B28A0 VEHICLE MODEL JUDGMENT ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A1	Adaptive CC ECM Communication Data Error	Abnormal judgment for stereo camera by ECM Or detected when the stereo camera or ECM is assembled incorrectly.	<Ref. to ES(diag)-100, DTC B28A1 ADAPTIVE CC ECM COMMUNICATION DATA ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A2		Abnormal judgment for stereo camera data by VDC	<Ref. to ES(diag)-101, DTC B28A2 ADAPTIVE CC ECM COMMUNICATION DATA ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A3		Abnormal judgment for stereo camera data by combination meter	<Ref. to ES(diag)-102, DTC B28A3 ADAPTIVE CC ECM COMMUNICATION DATA ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A4		Abnormal judgment for stereo camera data by EPS CM	<Ref. to ES(diag)-103, DTC B28A4 ADAPTIVE CC ECM COMMUNICATION DATA ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A5		Detected when error occurs in the transmission data from stereo camera to ECM.	<Ref. to ES(diag)-104, DTC B28A5 ADAPTIVE CC ECM COMMUNICATION DATA ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

EyeSight (DIAGNOSTICS)

DTC	Subaru Select Monitor display items	Contents of diagnosis	Note
B28A6	Stereo Camera Abnormal	Detected when error occurs in the communication between stereo camera and CPU.	<Ref. to ES(diag)-105, DTC B28A6 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A7		Detected when error occurs in the communication data inside the control module due to external factors such as noises.	<Ref. to ES(diag)-105, DTC B28A7 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A8			<Ref. to ES(diag)-105, DTC B28A8 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28A9			<Ref. to ES(diag)-105, DTC B28A9 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AA		Detected when error occurs in the communication with microcomputer 1 system inside the stereo camera.	<Ref. to ES(diag)-105, DTC B28AA STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AB		Detected when error occurs in the communication with microcomputer 2 system inside the stereo camera.	<Ref. to ES(diag)-105, DTC B28AB STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AC		Detected when error occurs in the ASIC system inside the stereo camera.	<Ref. to ES(diag)-106, DTC B28AC STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AD		Detected when error occurs in the stereo camera image system.	<Ref. to ES(diag)-106, DTC B28AD STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AE		Detected when error occurs in the internal power supply system of stereo camera.	<Ref. to ES(diag)-106, DTC B28AE STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28AF		Detected when adjustment/inspection of camera has not been completed normally.	<Ref. to ES(diag)-106, DTC B28AF STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28B0		Detected when error occurs in pre-collision brake/lane departure warning OFF switch or harness, or also detected when the switch is held for 45 seconds or more.	<Ref. to ES(diag)-107, DTC B28B0 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28B1		Detected when the optical axis of stereo camera is deviated in lateral direction or when the fluctuation range of automatic adjustment value has been enlarged.	<Ref. to ES(diag)-108, DTC B28B1 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28B2		Detected when the temperature of the stereo camera excessively increases. (When this DTC is detected, performing adjustment or inspection of the camera will not return to the normal state. In this case, always replace the stereo camera.)	<Ref. to ES(diag)-108, DTC B28B2 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
B28B3		Detected when the temperature of the stereo camera excessively decreases. (When this DTC is detected, performing adjustment or inspection of the camera will not return to the normal state. In this case, always replace the stereo camera.)	<Ref. to ES(diag)-108, DTC B28B3 STEREO CAMERA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>