List of Diagnostic Trouble Code (DTC)

12.List of Diagnostic Trouble Code (DTC)

A: LIST

1. Keyless access system

DTC	Item	Content of diagnosis	Note
U0073	Control Module Communication Bus "A" Off	Detected when CAN line abnormality is detected.	<ref. control<br="" dtc="" kps(diag)-37,="" to="" u0073="">MODULE COMMUNICATION BUS "A" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0140	Lost Communication With Body Control Module	Detected when CAN data from BIU does not arrive.	<ref. dtc="" kps(diag)-37,="" lost<br="" to="" u0140="">COMMUNICATION WITH BODY CONTROL MODULE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
U0422	Invalid Data Received From Body Control Module	Detected when CAN data from BIU is abnormal.	<ref. (dtc).="" body="" code="" control="" data="" diagnostic="" dtc="" from="" invalid="" kps(diag)-37,="" module,="" procedure="" received="" to="" trouble="" u0422="" with=""></ref.>
B1242	Wireless Tuner Abnormal	When short circuit occurs in harness between keyless access CM and receiver.	<ref. (dtc).="" abnormal,="" b1242="" code="" diagnostic="" dtc="" kps(diag)-38,="" procedure="" to="" trouble="" tuner="" wireless="" with=""></ref.>
B2271	IGN Fuse Blown or IGN Circuit Abnormal	When malfunction is detected in IG1 and IG2 drive circuits in the keyless access CM. When malfunction is detected in IG hold circuit in the keyless access CM.	<ref. b2271="" dtc="" fuse<br="" ign="" kps(diag)-40,="" to="">BLOWN OR IGN CIRCUIT ABNORMAL, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2274	ACC Monitor	When malfunction is detected in ACC relay drive circuit in the keyless access CM or external circuit.	<ref. (dtc).="" acc="" b2274="" code="" diagnostic="" dtc="" kps(diag)-42,="" monitor,="" procedure="" to="" trouble="" with=""></ref.>
B2275	STSW Circuit Abnormal	When malfunction is detected in engine start permission signal output circuit in the keyless access CM. When malfunction is detected in external engine start permission signal circuit.	<ref. b2275="" cir-<br="" dtc="" kps(diag)-44,="" stsw="" to="">CUIT ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2276	ACCR Signal Abnormal	When input error occurs in accessory relay cut input signal of keyless access CM.	<ref. (dtc).="" abnormal,="" accr="" b2276="" code="" diagnostic="" dtc="" kps(diag)-46,="" procedure="" signal="" to="" trouble="" with=""></ref.>
B2277	Submerging Circuit Abnormal	When the water-submersion detection circuit integrated into the keyless access CM detects the water submersion.	<ref. (dtc).="" abnormal,="" b2277="" circuit="" code="" diagnostic="" dtc="" kps(diag)-48,="" procedure="" submerg-ing="" to="" trouble="" with=""></ref.>
B2282	Vehicle Speed Signal Abnormal	When the vehicle speed signal transmitted from the combination meter via solid line and the vehicle speed signal transmitted via CAN communication line do not match.)	<ref. b2282="" dtc="" kps(diag)-49,="" to="" vehicle<br="">SPEED SIGNAL ABNORMAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC)

KEYLESS ACCESS WITH PUSH BUTTON START SYSTEM (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Note
B2283	Vehicle Speed Sensor Fault Detection	Either of the following mal- functions is detected. (Vehicle speed sensor fail- ure is detected.) • Vehicle speed signal failure detection 1: Exces- sive deceleration detec- tion • Vehicle speed signal failure detection 2: Engine speed interlock detection	<ref. b2283="" dtc="" kps(diag)-51,="" to="" vehicle<br="">SPEED SENSOR FAULT DETECTION, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2284	Brake Signal (Cable-Information Does Not Match to Bean-Informa- tion) (MT vehicle only)	When the brake signal transmitted via solid line and the brake signal transmitted via CAN communication line do not match.	<ref. b2284="" brake<br="" dtc="" kps(diag)-53,="" to="">SIGNAL (CABLE-INFORMATION DOES NOT MATCH TO BEAN-INFORMATION), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2285	Steering Lock Position Signal Abnormal	When the steering lock position signal transmitted from the steering lock CM via solid line and the steering lock position signal transmitted via LIN communication system do not match.	<ref. b2285="" dtc="" kps(diag)-55,="" steering<br="" to="">LOCK POSITION SIGNAL ABNORMAL, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2286	Driving Possible Signal Abnormal	When the engine speed signal transmitted from the ECM via solid line and the engine speed signal transmitted via CAN communication line do not match.	<ref. b2286="" driving<br="" dtc="" kps(diag)-58,="" to="">POSSIBLE SIGNAL ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2779	Remote Control Engine Starter Communication Collation NG	When the keyless access CM does not respond to engine start even when the remote control engine starter is ON, or when there is a code mismatch.	<ref. b2779="" dtc="" kps(diag)-60,="" remote<br="" to="">CONTROL ENGINE STARTER COMMUNICA- TION COLLATION NG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2781	Steering Lock ECU Open/Short	When malfunction is detected in lock/unlock position detection sensor. When the open or short circuit in the steering lock motor drive circuit is detected.	<ref. (dtc).="" b2781="" code="" diagnostic="" dtc="" ecu="" kps(diag)-60,="" lock="" open="" procedure="" short,="" steering="" to="" trouble="" with=""></ref.>
B2782	Steering Lock Power Supply Circuit Abnormal (Smart ECU-Side Abnormal)	When the open or short circuit in the steering lock motor power supply circuit is detected.	<ref. b2782="" dtc="" kps(diag)-61,="" steering<br="" to="">LOCK POWER SUPPLY CIRCUIT ABNORMAL (SMART ECU-SIDE ABNORMAL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2784	Antenna Coil Fault	When open or short circuit occurs in the antenna coil.	<ref. (dtc).="" antenna="" b2784="" code="" coil="" diagnostic="" dtc="" fault,="" kps(diag)-63,="" procedure="" to="" trouble="" with=""></ref.>
B2785	LIN Communication Error	When the keyless access CM detects the collation system LIN bus communication error three times in a row.	<ref. b2785="" com-<br="" dtc="" kps(diag)-64,="" lin="" to="">MUNICATION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC)

KEYLESS ACCESS WITH PUSH BUTTON START SYSTEM (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Note
B2786	No Response From Steering Lock ECU	When communication between keyless access CM and steering lock CM is interrupted for a set amount of time.	<ref. b2786="" dtc="" kps(diag)-66,="" no<br="" to="">RESPONSE FROM STEERING LOCK ECU, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B2788	IGN1 Input Abnormal	When mismatch occurs in the IG1 input of the steer- ing lock CM between LIN communication line input and solid line input.	<ref. b2788="" dtc="" ign1<br="" kps(diag)-68,="" to="">INPUT ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B278A	Abnormal Immobilizer Power Supply	When the power supply circuit of the push button ignition switch is shorted to ground.	<ref. (dtc).="" abnor-mal="" b278a="" code="" diagnostic="" dtc="" immobilizer="" kps(diag)-70,="" power="" procedure="" supply,="" to="" trouble="" with=""></ref.>
B278D	ID Code Box Recognition Judgment Abnormal	When ID code box ON input is detected while the ID code box setting is set to OFF. When ID code box LIN signal is received while the ID code box setting is set to OFF.	<ref. b278d="" code<br="" dtc="" id="" kps(diag)-72,="" to="">BOX RECOGNITION JUDGMENT ABNOR- MAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B27A5	Front Internal Antenna Output Stage Open	When open circuit occurs in the harness between keyless access CM and front interior antenna.	<ref. (dtc).="" antenna="" b27a5="" code="" diagnostic="" dtc="" front="" internal="" kps(diag)-73,="" open,="" output="" procedure="" stage="" to="" trouble="" with=""></ref.>
B27A6	Rear Internal Antenna Output Stage Open	When open circuit occurs in the harness between keyless access CM and rear interior antenna.	<ref. b27a6="" dtc="" kps(diag)-75,="" rear<br="" to="">INTERNAL ANTENNA OUTPUT STAGE OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B27A7	Trunk/Rear Gate Internal Antenna Output Stage Open	When open circuit occurs in the harness between keyless access CM and rear interior antenna.	<ref. <br="" b27a7="" dtc="" kps(diag)-77,="" to="" trunk="">REAR GATE INTERNAL ANTENNA OUTPUT STAGE OPEN, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
B27A8	Trunk/Rear Gate External Antenna Output Stage Open	When open circuit occurs in the harness between keyless access CM and rear exterior antenna.	<ref. <br="" b27a8="" dtc="" kps(diag)-79,="" to="" trunk="">REAR GATE EXTERNAL ANTENNA OUTPUT STAGE OPEN, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC) KEYLESS ACCESS WITH PUSH BUTTON START SYSTEM (DIAGNOSTICS)

2. Immobilizer (ECM)

DTC	Item	Content of diagnosis	Note
B1571	Reference Code Incompatibility	Reference code incompatibility between keyless access CM and ECM	<ref. b1571="" dtc="" kps(diag)-81,="" refer-<br="" to="">ENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B1572	IMM Circuit Failure (Except Antenna Circuit)	Communication error between keyless access CM and ECM	<ref. b1572="" cir-<br="" dtc="" imm="" kps(diag)-82,="" to="">CUIT FAILURE (EXCEPT ANTENNA CIR- CUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B1576	EGI Control Module EEPROM	ECM malfunctioning	<ref. (dtc).="" b1576="" code="" control="" diagnostic="" dtc="" eeprom,="" egi="" kps(diag)-84,="" module="" procedure="" to="" trouble="" with=""></ref.>
B1577	IMM Control Module EEPROM	Keyless access CM mal- functioning	<ref. (dtc).="" b1577="" code="" control="" diagnostic="" dtc="" eeprom,="" imm="" kps(diag)-84,="" module="" procedure="" to="" trouble="" with=""></ref.>
P1571	Reference Code Incompatibility	Reference code incompatibility between keyless access CM and ECM	<ref. dtc="" kps(diag)-85,="" p1571="" refer-<br="" to="">ENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1572	IMM Circuit Failure (Except Antenna Circuit)	Communication error between keyless access CM and ECM	<ref. cir-<br="" dtc="" imm="" kps(diag)-85,="" p1572="" to="">CUIT FAILURE (EXCEPT ANTENNA CIR- CUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1576	EGI Control Module EEPROM	ECM malfunctioning	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" eeprom,="" egi="" kps(diag)-85,="" module="" p1576="" procedure="" to="" trouble="" with=""></ref.>
P1577	IMM Control Module EEPROM	Keyless access CM mal- functioning	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" eeprom,="" imm="" kps(diag)-85,="" module="" p1577="" procedure="" to="" trouble="" with=""></ref.>