

List of Diagnostic Trouble Code (DTC)

CRUISE CONTROL SYSTEM (DIAGNOSTICS)

7. List of Diagnostic Trouble Code (DTC)

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DTC	Item	Contents of diagnosis	Reference
11	Main switch	Main switch of cruise control command switch is turned to OFF, and then the cruise control is released.	This DTC is displayed without operating the main switch. <Ref. to CC(ETC)(diag)-15, DTC 11, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
12	Stop light & brake switch	Stop light switch or brake switch is turned to ON, and then the cruise control is released.	This DTC is displayed without depressing the brake pedal. <Ref. to CC(ETC)(diag)-17, DTC 12, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
13	Clutch switch	Clutch switch is turned to ON, and then the cruise control is released.	This DTC is displayed without depressing the clutch pedal. <Ref. to CC(ETC)(diag)-19, DTC 13, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
14	Neutral position switch	Neutral switch is turned to ON, and then the cruise control is released.	This DTC is displayed without shifting to neutral position. <Ref. to CC(ETC)(diag)-21, DTC 14, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
15	Cancel switch	Cancel switch is turned to ON, and then the cruise control is released.	This DTC is displayed without operating the cancel switch. <Ref. to CC(ETC)(diag)-22, DTC 15, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
16	Ignition switch	Ignition switch is turned to OFF, and then the cruise control is released.	This DTC is displayed without operating the ignition switch. <Ref. to CC(ETC)(diag)-23, DTC 16, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
21	Cruise control switch malfunction when ignition switch is turned to ON	When the ignition switch is turned to ON, each switch of cruise control command switch is already turned to ON.	This DTC is displayed because the ignition switch was turned ON without operating the cruise control switch. <Ref. to CC(ETC)(diag)-23, DTC 21, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
22	Vehicle speed variation is abnormal.	Malfunction of vehicle speed signal variation is detected.	<Ref. to CC(ETC)(diag)-24, DTC 22, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

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DTC	Item	Contents of diagnosis	Reference
24	Cruise control-related switch is abnormal.	Open circuit in cruise control switch detected while driving in cruise. (Judged as a system without cruise control)	<Ref. to CC(ETC)(diag)-24, DTC 24, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
25	Brake switch input circuit is abnormal.	Malfunction of brake switch input circuit in ECM is detected.	<Ref. to CC(ETC)(diag)-24, DTC 25, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
31	Engine speed signal	<ul style="list-style-type: none"> Abnormal increase of engine speed is detected. Gear is placed in Neutral, 1st or Reverse position. 	<Ref. to CC(ETC)(diag)-24, DTC 31, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
32	Out of vehicle speed range of cruise control operation	<ul style="list-style-type: none"> The vehicle speed exceeded the controllable speed range while driving in cruise. Set operation was performed at vehicle speed unavailable for setting. RESUME operation was performed without memorized vehicle speed. 	This DTC is displayed even though set operation was repeated after increasing vehicle speed to a cruise possible speed. <Ref. to CC(ETC)(diag)-24, DTC 32, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
34	Prohibition when accelerator position is continued to be large.	The vehicle has been driven at higher speed than set vehicle speed for an abnormally long time (approximately 10 minutes) during cruise driving.	<Ref. to CC(ETC)(diag)-24, DTC 34, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
35	Prohibition when vehicle speed feedback is impossible.	Set vehicle speed cannot be kept because of some reasons (steep uphill, parking brake, abnormal decrease of engine output, etc.) during cruise driving.	<Ref. to CC(ETC)(diag)-25, DTC 35, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
43	ABS/VDC malfunction	ABS is operated during cruise driving or cruise setting.	<Ref. to CC(ETC)(diag)-25, DTC 43, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
61	Brake switch malfunction	Stop light switch or brake switch malfunction is detected.	<Ref. to CC(ETC)(diag)-25, DTC 61, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
62	Neutral position switch malfunction	Neutral position switch malfunction is detected.	<Ref. to CC(ETC)(diag)-25, DTC 62, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
63	Vehicle speed variation malfunction 1	Malfunction of vehicle speed signal variation is detected.	<Ref. to CC(ETC)(diag)-25, DTC 63, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
64	Engine sensor related sensor malfunction 1	Malfunction related to the engine is detected.	<Ref. to CC(ETC)(diag)-25, DTC 64, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
65	Cruise control related switch malfunction 1	Cruise control command switch malfunction is detected. (While the switch is pressed ON for a long time (approximately two minutes), an ON stuck open circuit is detected.)	<Ref. to CC(ETC)(diag)-25, DTC 65, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
66	Cruise control computational malfunction	Malfunction of cruise control computer is detected.	<Ref. to CC(ETC)(diag)-25, DTC 66, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>