

## LIST OF DTC

### CRUISE CONTROL SYSTEM (DIAGNOSTICS)

## 7. List of DTC

### A: LIST

DTC	Item	Contents of diagnosis	Reference
11	Main switch	Cruise control is released after the main switch of cruise control command switch is turned to OFF.	This DTC is indicated without operating the main switch. <Ref. to CC(ETC)-18, DTC 11, 15, 21 AND 24 CRUISE CONTROL SWITCH, Diagnostic Procedure with DTC.>
12	Stop and brake switch	Cruise control is released after the stop light switch or brake switch is turned to ON.	This DTC is indicated without depressing the brake pedal. <Ref. to CC(ETC)-22, DTC 12 AND 25 STOP LIGHT SWITCH AND BRAKE SWITCH, Diagnostic Procedure with DTC.>
13	Clutch switch	Cruise control is released after the clutch switch is turned to ON.	This DTC is indicated without depressing the clutch pedal. <Ref. to CC(ETC)-24, DTC 13 CLUTCH SWITCH, Diagnostic Procedure with DTC.>
14	Neutral switch	Cruise control is released after the neutral switch is turned to ON.	This DTC is indicated without shifting to neutral position. <Ref. to CC(ETC)-26, DTC 14 NEUTRAL POSITION SWITCH, Diagnostic Procedure with DTC.>
15	Cancel switch	Cruise control is released after the cancel switch is turned to ON.	This DTC is indicated without operating the cancel switch. <Ref. to CC(ETC)-18, DTC 11, 15, 21 AND 24 CRUISE CONTROL SWITCH, Diagnostic Procedure with DTC.>
16	Ignition switch	Cruise control is released after the ignition switch is turned to OFF.	This DTC is indicated without operating the ignition switch. <Ref. to CC(ETC)-28, DTC 16 IGNITION SWITCH, Diagnostic Procedure with DTC.>
21	Cruise control switch is abnormal when the ignition switch is turned to ON.	Each switch of cruise control command switch has already been ON when the ignition switch is turned to ON.	This DTC is indicated without operating the command switch. <Ref. to CC(ETC)-18, DTC 11, 15, 21 AND 24 CRUISE CONTROL SWITCH, Diagnostic Procedure with DTC.>
22	Vehicle speed variation is abnormal.	Abnormality of vehicle speed variation is detected.	<Ref. to CC(ETC)-30, DTC 22 AND 32 VEHICLE SPEED SENSOR, Diagnostic Procedure with DTC.>

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23	Engine-related sensor is abnormal.	Abnormality related to engine is detected.	<Ref. to EN(H4DOTC)-2, Basic Diagnostic Procedure.>
24	Cruise control-related switch is abnormal.	Abnormality of command switch is detected. (Open circuit is detected when continuing to be ON for an extremely long time [approx. two minutes].)	This DTC is indicated with normal operation. <Ref. to CC(ETC)-18, DTC 11, 15, 21 AND 24 CRUISE CONTROL SWITCH, Diagnostic Procedure with DTC.>
25	Brake switch input circuit is abnormal.	Abnormality of brake switch input circuit in ECM is detected.	<Ref. to CC(ETC)-22, DTC 12 AND 25 STOP LIGHT SWITCH AND BRAKE SWITCH, Diagnostic Procedure with DTC.>
26	Engine speed signal.	<ul style="list-style-type: none"> <li>• Abnormal increase of engine speed is detected.</li> <li>• Gear is shifted to neutral, 1st or reverse position.</li> </ul>	Cruise with more than 2nd shift position.
32	Out of vehicle speed range of cruise control operation.	<ul style="list-style-type: none"> <li>• Vehicle speed becomes under the control limit during cruise driving.</li> <li>• Set operation is conducted out of vehicle speed range for setting</li> <li>• RESUME operation is conducted without vehicle speed memory.</li> </ul>	This DTC is also indicated when increasing the speed to the cruise set available vehicle speed and conducting the set operation again. <Ref. to CC(ETC)-30, DTC 22 AND 32 VEHICLE SPEED SENSOR, Diagnostic Procedure with DTC.>
33	Prohibition of WAIT after acceleration operation.	Vehicle speed becomes over the control limit during cruise driving.	This DTC is indicated when running at the high speed which is not suitable for cruise control. In this case, conduct the cruise set operation again after decreasing the speed to the cruise set available vehicle speed.
34	Prohibition when accelerator position is continued to be large.	Vehicle is driven at the higher speed than set vehicle speed for an extremely long time (approx. 10 minutes) during cruise driving.	This DTC is indicated when running for a long time at the higher speed than cruise set available vehicle speed by accelerator operation. In this case, release the cruise set.
35	Prohibition when vehicle speed feedback is impossible.	During cruise driving, set vehicle speed cannot be maintained for some reasons such as sharp upslope, parking brake and engine output abnormal decrease.	This DTC is indicated when the driving condition is not suitable for cruise control. Conduct the cruise set operation again after clearing the estimated reasons.