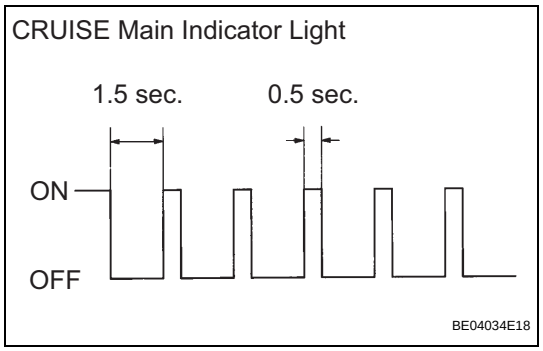
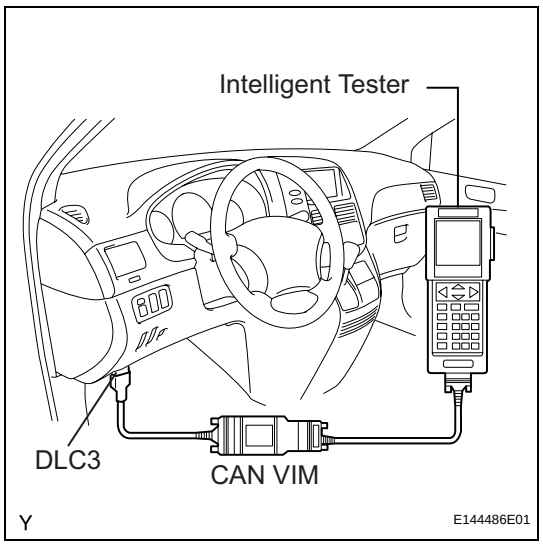


(b) Check that the CRUISE main indicator light illuminates when the cruise control main switch is turned on, and that the indicator light turns off when the main switch is turned off. If the results are not as specified, inspect the CRUISE main indicator light circuit (See page CC-29).
HINT:
While driving with cruise control, the ECM activates AUTO CANCEL of the cruise control system when a malfunction occurs in one of the following: vehicle speed sensors, stop light switch, or other related parts. When AUTO CANCEL is activated, the CRUISE main indicator light outputs the blinking pattern as shown in the illustration. At the same time, data of the malfunction is stored as a DTC.

DTC CHECK / CLEAR



1. DTC CHECK

(a) Connect the intelligent tester to the DLC3.
(1) Connect the intelligent tester to the Controller Area Network Vehicle Interface Module (CAN VIM). Then connect the CAN VIM to the Data Link Connector 3 (DLC3).
(b) Turn the ignition switch to the ON position.
(c) Read the DTCs by following the prompts on the tester screen.
HINT:
Refer to the intelligent tester operator's manual for further details.

2. DTC CLEAR

(a) Connect the intelligent tester to the DLC3.
(b) Turn the ignition switch to the ON position.
(c) Operate the intelligent tester to erase the codes.
HINT:
Refer to the intelligent tester operator's manual for further details.

CC

FAIL-SAFE CHART

HINT:
If the following conditions are detected while the cruise control is in operation, the system clears the stored vehicle speed in the ECM and cancels the cruise control operation.

Vehicle Condition	Auto Cancel Condition	Re-operation Condition
CRUISE main indicator light blinks	• There is open or short in stop light switch circuit • There is problem with vehicle speed signal • There is problem with throttle position sensor and motor	Turn cruise control main switch on again
CRUISE main indicator light blinks	• There is problem with input circuit of stop light switch circuit • There is problem with cancel circuit	Turn ignition switch off then on again
Cruise control is cancelled (The indicator light remains on)	At the following conditions, the stored vehicle speed is maintained. • Vehicle speed is lower than low speed limit (approx. 40 km/h (25 mph)) while running with cruise control on • VSC operates	Push cruise control main switch to + (ACCEL)/RES (RESUME)
	• Vehicle speed is lower than stored speed by approx. 16 km/h (10 mph) or more	Push cruise control main switch to - (COAST)/ SET