

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • There is problem with input circuit of stop light switch circuit • There is problem with cancel circuit 	<ul style="list-style-type: none"> • Turn cruise control main switch on again • Turn engine switch off then on again
CRUISE main indicator light remains on (Cruise control is canceled)	<ul style="list-style-type: none"> • Vehicle speed is lower than low speed limit (approximately 25 mph (40 km/h)) while running with cruise control on 	Push cruise control main switch to + (ACCEL)/RES (RESUME)
	<ul style="list-style-type: none"> • Vehicle speed is lower than stored speed by approximately 10 km/h (16 mph) or more 	Push cruise control main switch to - (COAST)/SET



DATA LIST / ACTIVE TEST

1. READ DATA LIST

- (a) While the intelligent tester is connected to the DLC3 with the ignition switch in the ON position, the CRUISE CONTROL data list can be displayed. Follow the prompts on the tester screen to access the data list.

ECM (Cruise Control System)

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
VEHICLE SPD	Vehicle speed / min.: 0 km/h (0 mph) max.: 255 km/h (158 mph)	Actual vehicle speed	-
MEMORY SPD	Vehicle speed / min.: 0 km/h (0 mph) max.: 255 km/h (158 mph)	Actual vehicle speed stored in memory	-
CCS OPER STATUS	Cruise control / ON or OFF	ON: Cruise control is SET OFF: Cruise control is UNSET	-
CRUISE CONTROL	Cruise control / ON or OFF	ON: Cruise control is SET OFF: Cruise control is UNSET	-
CCS INDICATOR M	Switch indicator (Main CPU) / ON or OFF	ON: Switch indicator (Main CPU) is SET OFF: Switch indicator (Main CPU) is UNSET	-
CCS INDICATOR S	Switch indicator (Sub CPU) / ON or OFF	ON: Switch indicator (Sub CPU) is SET OFF: Switch indicator (Sub CPU) is UNSET	-
CCS READY M	Switch ready (Main CPU) / ON or OFF	ON: Switch ready (Main CPU) is SET OFF: Switch ready (Main CPU) is UNSET	-
CCS READY S	Switch ready (Sub CPU) / ON or OFF	ON: Switch ready (Sub CPU) is SET OFF: Switch ready (Sub CPU) is UNSET	-
MAIN SW (MAIN)	Main switch (Main CPU) / ON or OFF	ON: Main switch (Main CPU) is SET OFF: Main switch (Main CPU) is UNSET	-
MAIN SW (SUB)	Main switch (Sub CPU) / ON or OFF	ON: Main switch (Sub CPU) is SET OFF: Main switch (Sub CPU) is UNSET	-
CANCEL SW	CANCEL switch / ON or OFF	ON: CANCEL switch is SET OFF: CANCEL switch is UNSET	-
SET/COAST SW	- / SET switch / ON or OFF	ON: - / SET switch is SET OFF: - / SET switch is UNSET	-
RES/ACC SW	+ / RES switch / ON or OFF	ON: + / RES switch is SET OFF: + / RES switch is UNSET	-
STP LIGHT SW M	Stop light switch signal (Main CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
STP LIGHT SW S1	Stop light switch signal (Sub CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
STP LIGHT SW S2	Stop light switch signal (Sub CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
SHIFT D POS	Shift D position / ON or OFF (A/T)	ON: Shift is D or 4 position OFF: Shift is except D or 4 position	-
	Clutch switch/ ON or OFF (M/T)	ON: Clutch pedal released OFF: Clutch pedal depressed	-

