

DATA LIST/ACTIVE TEST

1. DATA LIST

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

CC (ECM):

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	Cruise control memorized speed / min.: 36 km/h (22.5 mph), max.: 200 km/h (125 mph)	Actual stored vehicle speed	-
THROTTLE	Required throttle opening angle / min.: 0°, max.: 84°	Actual required throttle opening	-
CRUISE CONTROL	Cruise control system active condition / ON or OFF	ON : Cruise control activated OFF : Cruise control inactivated	-
MAIN SW (MAIN)	Main SW signal (Main CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF: Main SW OFF (Pushed off)	*1
MAIN SW (SUB)	Main SW signal (Sub CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF: Main SW OFF (Pushed off)	*1
CCS INDICATOR M	Cruise indicator signal (Main CPU) / ON or OFF	ON: CRUISE main indicator light is on OFF: CRUISE main indicator light is off	-
CCS INDICATOR S	Cruise indicator signal (Sub CPU) / ON or OFF	ON: CRUISE main indicator light is on OFF: CRUISE main indicator light is off	-
CANCEL SW	CANCEL SW signal / ON or OFF	ON : CANCEL SW ON OFF : CANCEL SW OFF	-
SET/COAST SW	-/SET SW signal / ON or OFF	ON : -/SET SW ON OFF : -/SET SW OFF	-
RES/ACC SW	+/RES SW signal / ON or OFF	ON : +/RES SW ON OFF : +/RES SW OFF	-
STP LIGHT SW2-M	Stop lamp SW signal (Main CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	-
STP LIGHT SW2-S	Stop lamp SW signal (Sub CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	-
STP LIGHT SW1-S	Stop light SW signal (Sub CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	-
SHIFT D POS	PNP SW signal (D position) / ON or OFF	ON : Shift D position OFF : Except shift D position	-

HINT:

*1 is OK but cruise indicator not turn on → CRUISE MAIN indicator or wire harness or ECM failure

2. ACTIVE TEST

HINT:

Performing the ACTIVE TEST using the hand-held tester allows components such as the relay, VSV, and actuator to operate without parts removal. Performing the ACTIVE TEST as the first step of troubleshooting is one way to shorten labor time.

It is possible to display the DATA LIST during the ACTIVE TEST.

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) According to the display on the tester, perform the "ACTIVE TEST".

HINT:

The ignition switch must be turned to the ON position to proceed ACTIVE TEST using the hand-held tester.

COMBINATION METER ASSY:

Item	Vehicle Condition / Test Details	Diagnostic Note
CRUISE INDIC	"CRUISE" indicator is ON / OFF	-