

DATA LIST/ACTIVE TEST

1. DATA LIST

- (a) While the intelligent tester II 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
CCS Vehicle Spd	Vehicle speed / min.: 0 km/h (0 mph), max.: 255 km/h (158 mph)	Actual vehicle speed	–
CCS Mem Vehicle Spd	Cruise control memorized speed / min.: 0 km/h (0 mph), max.: 255 km/h (158 mph)	Actual stored vehicle speed	–
Throttle Opening Angle	Required throttle opening angle / min.: 0°, max.: 125°	Actual required throttle opening	–
Cruise Control	Cruise control system active condition / ON or OFF	ON : Cruise control activated OFF : Cruise control inactivated	–
Main SW M-CPU	Main SW signal (Main CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF : Main SW OFF (Pushed off)	"3"
Main SW S-CPU	Main SW signal (Sub CPU) / ON or OFF	ON : Main SW ON (Pushed on) OFF : Main SW OFF (Pushed off)	"3"
CCS Ready M-CPU	Cruise control system standby condition (Main CPU) / ON or OFF	ON ⇔ OFF : Change ON/OFF each time Main SW is pushed in.	"1"
CCS Ready S-CPU	Cruise control system standby condition (Sub CPU) / ON or OFF	ON ⇔ OFF : Change ON/OFF each time Main SW is pushed in.	"1"
CCS Indicator M-CPU	Cruise indicator signal (Main CPU) / ON or OFF	ON : "CCS READY" ON OFF : "CCS READY" OFF	"2"
CCS Indicator S-CPU	Cruise indicator signal (Sub CPU) / ON or OFF	ON : "CCS READY" ON OFF : "CCS READY" OFF	"2"
Cancel Switch	CANCEL SW signal / ON or OFF	ON : CANCEL SW ON OFF : CANCEL SW OFF	–
SET/COAST Switch	SET/COAST SW signal / ON or OFF	ON : SET/COAST SW ON OFF : SET/COAST SW OFF	–
RES/ACC Switch	RES/ACC SW signal / ON or OFF	ON : RES/ACC SW ON OFF : RES/ACC SW OFF	–
Stp Light SW M-CPU	Stop lamp SW signal (Main CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	–
Stp Light SW S1-CPU	Stop lamp SW signal (Sub CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	–
Stp Light SW S2-CPU	Stop light SW signal (Sub CPU) / ON or OFF	ON : Brake pedal depressed OFF : Brake pedal released	–
Shift D Position	PNP SW signal (D position) / ON or OFF	ON : Shift D position OFF : Except shift D position	–

HINT:

"3" is OK but "1" is NG → ECM failure

"1" is OK but "2" is NG → DTC output or ECM failure

"3" 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 intelligent tester II 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 intelligent tester II 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 intelligent tester II.

COMBINATION METER ASSY:

Item	Vehicle Condition / Test Details	Diagnostic Note
Indicat. Lamp Cruise	"CRUISE" indicator is ON / OFF	–