

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):

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
VEHICLE SPD	Vehicle speed / min.: 0 mph(0 km/h), max.: 158 mph (255 km/h)	Actual vehicle speed	-
MEMORY SPD	Cruise control memorized speed / min.: 22.5 mph (36 km/h), max.: 125 mph(200 km/h)	Actual stored vehicle speed	-
CRUISE CONTROL	Cruise control system active condition / ON or OFF	ON: Cruise control activated OFF: Cruise control inactivated	-
MAIN SW (MAIN)	Main switch signal (Main CPU) / ON or OFF	ON: Main switch ON (Pushed on) OFF: Main switch OFF (Pushed off)	"3"
MAIN SW (SUB)	Main switch signal (Sub CPU) / ON or OFF	ON: Main switch ON (Pushed on) OFF: Main switch OFF (Pushed off)	"3"
CCS READY M	Cruise control system standby condition (Main CPU) / ON or OFF	ON/OFF: Change ON/OFF each main switch is pushed in	"1"
CCS READY S	Cruise control system standby condition (Sub CPU) / ON or OFF	ON/OFF: Change ON/OFF each main switch is pushed in	"1"
CCS INDICATOR M	Cruise indicator signal (Main CPU) / ON or OFF	ON: "CCS READY" ON OFF: "CCS READY" OFF	"2"
CANCEL SW	CANCEL switch signal / ON or OFF	ON: CANCEL switch ON OFF: CANCEL switch OFF	-
-/SET SW	-/SET switch signal / ON or OFF	ON: SET / COAST switch ON OFF: SET / COAST switch OFF	-
+ /SET SW	+ /SET switch signal / ON or OFF	ON: RES / ACC switch ON OFF: RES / ACC switch OFF	-
STP LIGHT SW M	Stop light switch signal (Main CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
STP LIGHT SW S2	Stop light switch-2 signal (Sub CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
STP LIGHT SW S1	Stop light switch-1 signal (Sub CPU) / ON or OFF	ON: Brake pedal depressed OFF: Brake pedal released	-
SHIFT D POS	PNP switch signal (D position) / ON or OFF	ON: Shift lever on D OFF: Shift lever not on D	-

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 does not come on → CRUISE main indicator, wire harness or ECM failure

DIAGNOSTIC TROUBLE CODE CHART

If a trouble code is indicated while checking DTCs, inspect the circuit listed for that code in the table below, and proceed to the applicable page.

DTC No.	Detection Item	Trouble Area	See page
P0500	Vehicle Speed Sensor Circuit Malfunction	Combination meter assembly Vehicle speed sensor Vehicle speed sensor circuit ECM	CC-15
P0503	Vehicle Speed Sensor Circuit Malfunction	Combination meter assembly Vehicle speed sensor Vehicle speed sensor circuit ECM	CC-15
P0571	Stop Light Switch Circuit Malfunction	Stop light switch assembly Stop light switch assembly circuit ECM	CC-16
P0607	Input Signal Circuit Malfunction	ECM	CC-20