05JNU–01

# 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<br>OFF : Cruise control inactivated | – |
| Main SW M–CPU | Main SW signal (Main CPU) / ON or OFF | ON : Main SW ON (Pushed on)<br>OFF: Main SW OFF (Pushed off) | *1 |
| Main SW S–CPU | Main SW signal (Sub CPU) / ON or OFF | ON : Main SW ON (Pushed on)<br>OFF: Main SW OFF (Pushed off) | *1 |
| 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. | – |
| 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. | – |
| CCS Indicator M–CPU | Cruise indicator signal (Main CPU) / ON or OFF | ON : ”CCS READY” ON<br>OFF : ”CCS READY” OFF | – |
| CCS Indicator S–CPU | Cruise indicator signal (Sub CPU) / ON or OFF | ON : ”CCS READY” ON<br>OFF : ”CCS READY” OFF | – |
| Cancel Switch | CANCEL SW signal / ON or OFF | ON : CANCEL SW ON<br>OFF : CANCEL SW OFF | – |
| SET/COAST Switch | SET/COAST SW signal / ON or OFF | ON : SET/COAST SW ON<br>OFF : SET/COAST SW OFF | – |
| RES/ACC Switch | RES/ACC SW signal / ON or OFF | ON : RES/ACC SW ON<br>OFF : RES/ACC SW OFF | – |
| Stp Light SW M–CPU | Stop lamp SW signal (Main CPU) / ON or OFF | ON : Brake pedal depressed<br>OFF : Brake pedal released | – |
| Stp Light SW S1–CPU | Stop lamp SW signal (Sub CPU) / ON or OFF | ON : Brake pedal depressed<br>OFF : Brake pedal released | – |
| Stp Light SW S2–CPU | Stop light SW signal (Sub CPU) / ON or OFF | ON : Brake pedal depressed<br>OFF : Brake pedal released | – |
| Shift D Position | PNP SW signal (D position) / ON or OFF | ON : Shift D position<br>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 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 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 intelligent tester II.

**COMBINATION METER ASSY:**

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