65117–01

DATA LIST/ACTIVE TEST

1. DATA LIST

HINT:

Values of the switch, sensor or actuator can be read by using the DATA LIST displayed on the intelligent tester II without removing any parts. Reading the DATA LIST as the first step of troubleshooting is one of the methods to shorten labor time.

(a) Connect the intelligent tester II to the DLC3.

(b) Turn the power switch on (IG).

(c) Read the DATA LIST according to the display on the tester.

B No.1/GW:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
ACC SW	ACC SW signal/ ON or OFF	ON: Power switch ON (ACC) OFF: Power switch OFF	–
IG SW	IG SW signal/ ON or OFF	ON: Power switch ON (IG) OFF: Power switch OFF	–
D Door courtesy SW	Driver's door courtesy SW signal/ON or OFF	ON: Driver's door is open OFF: Driver's door is closed	–
P Door courtesy SW	Passenger's door courtesy SW signal/ ON or OFF	ON: Passenger's door is open OFF: Passenger's door is closed	–
Rear Door courtesy SW	Rear door courtesy SW signal/ON or OFF	ON: Either right or left door is open OFF: Both the right and left door is closed	–
Passenger Lock Pos SW	Front passenger's door lock position SW signal/ON or OFF	ON: Front passenger's door lock is in unlock position OFF: Front passenger's door lock is in lock position	–
Dimmer SW	Headlight dimmer SW signal/ON or OFF	ON: Headlamp dimmer switch is in HI or FLASH position OFF: Headlamp dimmer switch is in LO position	–
Passing Light SW (Body)	Headlight dimmer SW signal/ON or OFF	ON: Headlamp dimmer switch is in FLASH position OFF: Headlamp dimmer switch is in except FLASH position	–
Rear Fog Light SW	Rear fog light SW signal/ ON or OFF	ON: Rear fog lamp switch is in ON position OFF: Rear fog lamp switch is in OFF position	–
Front Fog Light SW	Front fog light SW signal/ ON or OFF	ON: Front fog lamp switch is in ON position OFF: Front fog lamp switch is in OFF position	–
Head light SW (Head)	Headlight control SW signal/ON or OFF	ON: Light control switch is in HEAD position OFF: Light control switch is not in HEAD position	–
Head light SW (Tail)	Taillight SW signal/ On or OFF	ON: Light control switch is in TAIL or HEAD position	–
Illumination Rate Info	Illuminate rate/ ON or OFF	Condition value will be displayed	–
D Door Lock Pos SW	Driver's door lock position SW signal/ ON or OFF	ON: Driver's door lock is in unlock position OFF: Driver's door lock is in lock position	–
Lighting Time	Lighting time/7.5 s, 15 s or 30 s	Customized value will be displayed	–
Battery saver	Battery saver/ ON or OFF	Customized value will be displayed	–
I/L when ACC OFF	Light the I/L when ACC OFF/ ON or OFF	Customized value will be displayed	–
I/L ON W/Unlock	Interior light ON W/Unlock/ON or OFF	Customized value will be displayed	–
DRL Function (*1)	DRL function/ ON or OFF	ON	–

*1: w/ Daytime Running Light

2. ACTIVE TEST

HINT:

Performing the ”ACTIVE TEST” using the intelligent tester II allows the relay, VSV, actuator, etc. to operate without removing any parts. Performing the ”ACTIVE TEST” as the first step of troubleshooting is one of the methods to shorten labor time. The DATA LIST can be displayed during the ACTIVE TEST.

(a) Connect the intelligent tester II to the DLC3.

(b) Turn the power switch on (IG).

(c) Perform the ”ACTIVE TEST” according to the display on the tester.

B No.1/GW:

Item	Test Details	Diagnostic Note
Hazard	Turn hazard lamp flasher relay ON/OFF	–
Rear Fog Light Relay	Turn rear fog lamp relay ON/OFF	–
Front Fog Light Relay	Turn front fog lamp relay ON/OFF	–
Headlight Relay	Turn headlamp relay ON/OFF	–
Head Light (Hi)	Turn headlamp dimmer relay (headlamp dimmer switch HI position) ON/OFF	–
Taillight Relay	Turn taillamp relay ON/OFF	–
Dimmer Signal	Turn dimmer relay ON/OFF	–
Illuminated Entry System	(Test Details) Turn daytime light and key illumination ON/OFF (Vehicle Condition) Interior light switch is in DOOR position and all doors are closed	–
Interior Panel Relay (*1)	Turn panel relay ON/OFF	–

*1: w/ Daytime Running Light