

DATA LIST / ACTIVE TEST

1. READ DATA LIST

HINT:

Using the intelligent tester's DATA LIST allows switch, sensor, actuator and other item values to be read without removing any parts. Reading the DATA LIST early in troubleshooting is one way to save time.

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch ON.
- (c) Select the following menu items: DIAGNOSIS / OBD/MOBD / MAIN BODY / DATA LIST.
- (d) Check the results by referring to the table below.

Main body ECU:

Tester Display	Measurement Item/Range	Normal Condition	Diagnostic Note
D DOR CTY SW	Driver side door courtesy light switch signal / ON or OFF	ON: Driver side door is open OFF: Driver side door is closed	-
D LOCK POS SW	Driver side door lock position switch signal / ON or OFF	ON: Driver side door is unlocked OFF: Driver side door is locked	-
D/L SW-LOCK	Door manual lock switch signal / ON or OFF	ON: Door control switch (for front driver door side) is turned to lock position OFF: Door control switch (for front driver door side) is turned to unlock position	-
D/L SW-UNLOCK	Door manual unlock switch signal / ON or OFF	ON: Door control switch (for front driver door side) is turned to unlock position OFF: Door control switch (for front driver door side) is turned to lock position	-
DOR KEY SW-LOCK	Door key linked lock switch signal / ON or OFF	ON: Driver side door key cylinder is turned to lock position OFF: Driver side door key cylinder is turned to unlock position	-
D DOR KEY SW-UL	Driver side door key linked unlock switch signal / ON or OFF	ON: Driver side door key cylinder is turned to unlock position OFF: Driver side door key cylinder is turned to lock position	-
P DOR CTY SW	Passenger side door courtesy light switch signal / ON or OFF	ON: Passenger side door is open OFF: Passenger side door is closed	-
P LOCK POS SW	Passenger side door lock position switch signal / ON or OFF	ON: Passenger side door is unlocked ON: Passenger side door is locked	-
RR DOR CTY SW	Rear door RH courtesy light switch signal / ON or OFF	ON: Rear door RH is open OFF: Rear door RH is closed	-
RL DOR CTY SW	Rear door LH courtesy light switch signal / ON or OFF	ON: Rear door LH is open OFF: Rear door LH is closed	-
BK DOR CTY SW	Back door courtesy light switch signal / ON or OFF	ON: Back door is open OFF: Back door is closed	-
KEY UNLK WRN SW	Unlock warning switch / ON or OFF	ON: Ignition key is inserted OFF: Ignition key is not inserted	-

2. PERFORM ACTIVE TEST**HINT:**

Performing the intelligent tester's ACTIVE TEST allows relays, VSV, actuators and other items to be operated without removing any parts. Performing the ACTIVE TEST early in troubleshooting is one way to save time. The DATA LIST can be displayed during the ACTIVE TEST.

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch ON.
- (c) Select the following menu items: DIAGNOSIS / OBD/MOBD / MAIN BODY / ACTIVE TEST.
- (d) Perform the ACTIVE TEST by referring to the table below.

Main body ECU:

Tester Display	Test Part	Control Range
DOOR LOCK	Operate door lock motor LOCK / UNLOCK	-
D DOOR UNLOCK	Operate driver door lock motor unlock side ON / OFF	-
VEHICLE HORN	Sounds vehicle horn ON / OFF	-
HAZARD	Turns FLSH relay ON / OFF	-