

DATA LIST / ACTIVE TEST

1. READ DATA LIST

HINT:

Using the intelligent tester's DATA LIST allows a 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) Read the DATA LIST according to the prompts displayed on the tester.

BODY:

Item	Measurement Item/Display (Range)	Normal Condition	Diagnostic Note
D DOR CTY SW	Driver door courtesy switch signal/ON or OFF	ON :Driver door is open OFF: Driver door is closed	-
P DOR CTY SW	Front passenger door courtesy switch signal/ON or OFF	ON: Front passenger door is open OFF: Front passenger door is closed	-
Rr DOR CTY SW	Rear door courtesy switch signal/ON or OFF	ON: Either right or left rear door is open OFF: Both right and left rear doors are closed	-
LUGG COURTSY SW	Back door and back window courtesy switch signal/ON or OFF	ON: Either back door or back window is open OFF: Both back door and back window are closed	-
D LOCK POS SW	Driver side door unlock detection switch signal / ON or OFF	ON: Driver side door is unlocked OFF: Driver side door is locked	-
P LOCK POS SW	Passenger side door unlock detection switch signal / ON or OFF	ON: Passenger side door is unlocked OFF: Passenger side door is locked	-
Rr LOCK POS SW	Back door unlock detection switch signal / ON or OFF	ON: Back door is unlocked OFF: Back door is locked	-
D/L SW-LOCK	Door manual lock switch signal ON or OFF	ON: Door control switch is pushed to lock position OFF: Door control switch is not pushed	-
D/L SW-UNLOCK	Door manual unlock switch signal / ON or OFF	ON: Door control switch is pushed to unlock position OFF: Door control switch is not pushed	-
DOR KEY SW-LOCK	Door key linked lock switch signal / ON or OFF	ON: Driver side door key cylinder or passenger side door key cylinder is turned to lock position OFF: Driver side door key cylinder or passenger side door key cylinder is not turned	-
D DOR KEY SW-UL	Door key linked lock switch signal / ON or OFF	ON: Driver side door key cylinder is turned to unlock position OFF: Driver side door key cylinder is not turned	-
P DOR KEY SW-UL	Door key linked lock switch signal / ON or OFF	ON: Passenger side door key cylinder is turned to unlock position OFF: Passenger side door key cylinder is not turned	-

BACK-DOOR:

Item	Measurement Item/Display (Range)	Normal Condition	Diagnostic Note
KEY SW (LOCK)	Door key linked lock switch signal / ON or OFF	ON: Back door key cylinder is turned to lock position OFF: Back door key cylinder is not turned	-
KEY SW (UNLOCK)	Door key linked lock switch signal / ON or OFF	ON: Back door key cylinder is turned to unlock position OFF: Back door key cylinder is not turned	-

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) Perform the ACTIVE TEST according to the prompts displayed on the tester.

BODY:

Item	Test Details/ Display (Range)	Diagnostic Note
DOOR LOCK	Operate door lock motor LOCK/UNLOCK	-