

DATA LIST / ACTIVE TEST

1. READ DATA LIST

HINT:

Using the intelligent tester's DATA LIST allows switch, 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 to the DLC3.
- (b) Turn the ignition switch ON.
- (c) Read the DATA LIST

BACK-DOOR (Power Back Door ECU):

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
COURTESY SW	Back door lock courtesy switch signal /OFF or ON	OFF: Back door is closed ON: Back door is open	-
HALF RATCHET* SW	Back door lock half-latch* switch signal /OFF or ON	OFF: Back door is closed ON: Back door is not completely closed	-
DOOR HANDLE SW	Back door opener switch (outside handle) signal /OFF or ON	OFF: Back door opener switch is not pushed ON: Back door opener switch is pushed	-

HINT:

*: RATCHET appears on the display of the intelligent tester, however, the name of the part corresponding to the display of the tester is "half-latch".

BODY (Body ECU):

Item	Measurement Item / Display (Range)	Normal Condition	Normal Condition
BACK DOR OPEN	Back door open judgement /PROHIBIT or PERMIT	PROHIBIT: Back door is in LOCK position (prohibited from being unlatched) PERMIT: Back door is in UNLOCK position (permitted to be unlatched)	-
B DOE OPER SW	Power back door opener/closer switch signal /ON or OFF	ON: Power back door opener/closer switch is pushed OFF: Power back door opener/closer switch is not pushed	-

MASTER SW (Multiplex Network Master Switch Assembly (Driver Door ECU)):

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
LOCK POS SW	Door unlock detection switch signal /ON or OFF	ON: Any door is unlocked OFF: All doors are locked	-

2. PERFORM ACTIVE TEST

HINT:

Performing the intelligent tester's ACTIVE TEST allows relay, VSV, actuator, 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 to the DLC3.

- (b) Turn the ignition switch ON.
- (c) Perform the ACTIVE TEST.

BACK-DOOR (Power Back Door ECU):

Item	Test Details	Diagnostic Note
LATCH RELEASE	Back door lock latch release OFF/ON	-
COURTESY SW SIG	Back door courtesy switch OFF/ON	Command signal from tester is prior to that from back door courtesy switch when these 2 signals occur at the same time.