

## DATA LIST/ACTIVE TEST

### 1. DATA LIST

#### HINT:

Using the intelligent tester II 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 shorten labor time.

- Connect the intelligent tester II to the DLC3.
- Turn the ignition switch ON.
- Read the DATA LIST according to the display on the tester.

#### Steering lock ECU:

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
Push SW	PUSH SW/ ON or OFF	ON: Push switch is turned ON OFF: Push switch is turned OFF	–
Key SW	KEY SW/ ON or OFF	ON: Key switch is turned ON OFF: Key switch is turned OFF	–
IG SW	IG SW/ ON or OFF	ON: IG switch is turned ON OFF: IG switch is turned OFF	–
Lock Position Sensor	Lock position sensor/ ON or OFF	ON: Steering lock shaft is locked OFF: Steering lock shaft is unlocked	–
Unlock Position Sensor	Unlock position sensor/ ON or OFF	ON: Steering lock shaft is unlocked OFF: Steering lock shaft is locked	–
Unlock Sensor	Unlock sensor/ LOCK or UNLOCK	LOCK: Interlock cable position is locked UNLOCK: Interlock cable position is unlocked	–
Steering Lock	Steering lock/ SET or UNSET	SET: Steering lock is activated UNSET: Steering lock is not activated	–
Immobiliser	IMMOBILISER/ SET or UNSET	SET: Immobilizer is activated UNSET: Immobilizer is not activated	–
Check(Security)	CHECK (SECURITY)/ NORMAL or ABNORMAL	NORMAL: Interior verification is normal ABNORMAL: Interior verification is abnormal	–
Security Com ID	Security communication ID/ OK or NG	OK: Security ECU communication ID verification is normal NG: Security ECU communication ID verification is abnormal	–
Security B Code	Security B code/ REGD or NO REGD	REGD: Security B code is registered (for security ECU communication) NO REGD: Security B code is not registered (for security ECU communication)	–
P2SW	P2SW/ P or NOT P	P: Shift lever is in P position NOT P: Shift lever is not in P position	–

**Theft warning ECU:**

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
Intrusion Sen	Intrusion sensor signal/ ON or OFF	ON: When theft deterrent system function is ON and intrusion sensor signal is ON OFF: When theft deterrent system function is ON and intrusion sensor signal is OFF	–
Passive mode	Passive mode/ ON or OFF	ON: Passive mode ON OFF: Passive mode OFF	–

**Door ECU (Driver side, Passenger side , Rear LH, Rear RH) :**

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
Lock Pos SW	Door Unlock Detection Switch Signal/ ON or OFF	ON: Door is unlocked OFF: Door is locked	–
Courtesy SW	Door Courtesy Switch Signal/ ON or OFF	ON: Door is open OFF: Door is closed	–
Dbl Lock Pos SW	Double Lock Position Switch Signal/ ON or OFF	ON: Double lock is UNSET OFF: Double lock is SET	–
Trigger SW	Trigger Switch/ ON or OFF	ON: Trigger switch is pushed OFF: Trigger switch is not pushed	–

**Luggage room J/B ECU (w/o Smart key system) :**

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
Lugg Courtesy	Door Courtesy Switch Signal/ ON or OFF	ON: Door is open OFF: Door is closed	–
Lugg Push SW	Luggage Push Switch/ ON or OFF	ON: Luggage push is pushed OFF: Luggage push is not pushed	–
Trunk Key Unlk	Luggage Door Lock/Unlock Switch/ ON or OFF	ON: Luggage door unlocked OFF: Luggage door locked	–

## 2. ACTIVE TEST

### HINT:

Performing the the intelligent tester II 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 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 ignition switch ON.
- (c) Perform the ACTIVE TEST according to the display on the tester.

### Steering lock ECU :

Item	Test Details	Diagnostic Note
Security Indic	Security Indicator ON/OFF	–
Meter Chime	Meter Chime ON/OFF	–
Meter Buzzer	Meter Buzzer ON/OFF	–
Not P-Pos Warn	Not P-position Warning ON/OFF	–
Brake Cable Warn	Break Cable Warning ON/OFF	–
Unmatch Key Warn	Unmatch Key Warning ON/OFF	–

Driver door J/B ECU:

Item	Test Details	Diagnostic Note
Door Lock	Door Lock ON/OFF	-

Door ECU (Driver side, Passenger side , Rear LH, Rear RH) :

Item	Test Details	Diagnostic Note
Key Remind Buzzer	Key Remind Buzzer ON/OFF	-
Warning Buzzer	Warning Buzzer ON/OFF	-