

DATA LIST/ACTIVE TEST

HINT:

By accessing the DATA LIST displayed by the hand-held tester, you can perform such functions as reading the values of switches and sensors without removing any parts. Reading the DATA LIST is the first step of troubleshooting and is one method to shorten labor time.

1. DATA LIST FOR AIRBAG SENSOR ASSY CENTER

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) Following the display on the tester screen, read the "DATA LIST".

| Item | Measurement Item/ Range (Display) | Normal Condition | Diagnostic Note |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|
| D SEAT POSITION | Seat position (Driver side)/ FORWARD: Seat position is forward BKWARD: Seat position is rearward FAIL: A failure is detected | FORWARD/BKWARD | — |
| PASSENGER CLASS | Passenger classification/ NG: Data is not deter- mined NONE: Vacant CHILD: Child (less than 36 kg (79.37 lb)) is seated SMALL: Adult (36 to 54 kg (79.37 to 119.05 lb)) is seated REGULAR: Adult (more than 54 kg (119.05 lb)) is seated FAIL: A failure is detected | NG/NONE/CHILD/SMALL/ REGULAR | — |
| D BUCKLE SW | Buckle switch (Driver side)/ UNSET: The seat belt is not fastened SET: The seat belt is fas- tened NG: Data is not deter- mined | UNSET/SET | — |
| P BUCKLE SW | Buckle switch (Passenger side)/ UNSET: The seat belt is not fastened SET: The seat belt is fas- tened NG: Data is not deter- mined | UNSET/SET | — |
| DISPLAY TYPE | Display type identification information/ LR: The display is indi- cated by LH/RH DP: The display is indi- cated by Driver/Passenger | DP | — |

2. DATA LIST FOR OCCUPANT CLASSIFICATION ECU

- (a) Connect the hand-held tester to the DLC3.
 (b) Turn the ignition switch to the ON position.
 (c) Following the display on the tester screen, read the "DATA LIST".

| Item | Measurement Item/ Range (Display) | Normal Condition | Diagnostic Note |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------|
| IG SW | Ignition switch condition/ ON: Ignition switch ON OFF: Ignition switch OFF | ON/OFF | – |
| P BUCKLE SW | Buckle switch (Passenger side)/ OFF: Unfasten the passenger side seat belt ON: Fasten the passenger side seat belt NG: Passenger side seat belt has a trouble | OFF/ON | – |
| PASSENGER CLASS | Passenger classification/ AF05: Adult (36 to 54 kg (79.37 to 119.05 lb)) is seated AM50: Adult (more than 54 kg (119.05 lb)) is seated CHILD: Child (less than 36 kg (79.37 lb)) is seated CRS: Child restraint system (less than 7 kg (15.43 lb)) and passenger side buckle switch are ON, then 7 to 36 kg (15.43 to 79.37 lb)) is applied OFF: Vacant | AF05/AM50/CHILD/CRS/ OFF | – |
| SENS RANGE INF | Sensor range information/ OK: The value of a sensor is within the range NG: The value of a sensor is out of the range | OK | – |
| FL SENS RANGE | Front left sensor range information/ OK: Sensor range is –17 to 27 kg (–37.48 to 59.52 lb) Min.: Less than –17 kg (–37.48 lb) Max.: More than 27 kg (59.52 lb) | OK | – |
| FR SENS RANGE | Front right sensor range information/ OK: Sensor range is –17 to 27 kg (–37.48 to 59.52 lb) Min.: Less than –17 kg (–37.48 lb) Max.: More than 27 kg (59.52 lb) | OK | – |

| Item | Measurement Item/ Range (Display) | Normal Condition | Diagnostic Note |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------|
| RL SENS RANGE | Rear left sensor range information/ OK: Sensor range is –17 to 37 kg (–37.48 to 81.57 lb) Min.: Less than –17 kg (–37.48 lb) Max.: More than 37 kg (81.57 lb) | OK | – |
| RR SENS RANGE | Rear right sensor range information/ OK: Sensor range is –17 to 37 kg (–37.48 to 81.57 lb) Min.: Less than –17 kg (–37.48 lb) Max.: More than 37 kg (81.57 lb) | OK | – |
| FL SENS VOL | Front left sensor voltage/ Min.: 0 V Max.: 19.8 V | 0 to 4.7 V | – |
| FR SENS VOL | Front right sensor voltage/ Min.: 0 V Max.: 19.8 V | 0 to 4.7 V | – |
| RL SENS VOL | Rear left sensor voltage/ Min.: 0 V Max.: 19.8 V | 0 to 4.7 V | – |
| RR SENS VOL | Rear right sensor voltage/ Min.: 0 V Max.: 19.8 V | 0 to 4.7 V | – |
| FL SENS WEIGHT | Front left sensor weight information/ Min.: –17 kg (–37.48 lb) Max.: 27 kg (59.52 lb) | –17 to 27 kg (–37.48 to 59.52 lb) | – |
| FR SENS WEIGHT | Front right sensor weight information/ Min.: –17 kg (–37.48 lb) Max.: 27 kg (59.52 lb) | –17 to 27 kg (–37.48 to 59.52 lb) | – |
| RL SENS WEIGHT | Rear left sensor weight information/ Min.: –17 kg (–37.48 lb) Max.: 37 kg (81.57 lb) | –17 to 37 kg (–37.48 to 81.57 lb) | – |
| RR SENS WEIGHT | Rear right sensor weight information/ Min.: –17 kg (–37.48 lb) Max.: 37 kg (81.57 lb) | –17 to 37 kg (–37.48 to 81.57 lb) | – |
| TOTAL WEIGHT | Total weight information/ Min.: –40 kg (–88.18 lb) Max.: 100 kg (220.46 lb) | –68 to 128 kg (–149.91 to 282.19 lb) | – |
| #CODES | Number of DTC recorded/ Min.: 0, Max.: 255 | 0 | – |