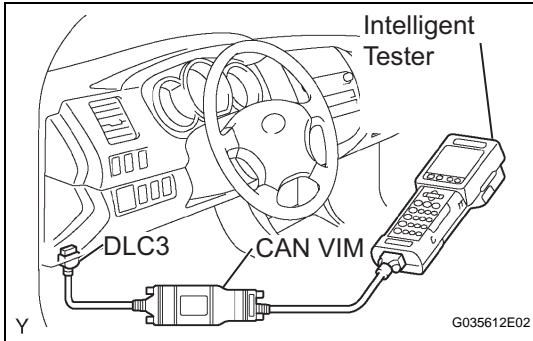


DTC CHECK / CLEAR

1. DTC CHECK

HINT:

- When DTC B1650/23 is detected as a result of troubleshooting the airbag system, troubleshoot the occupant classification system.
- Use the intelligent tester to read and clear DTCs, otherwise the DTCs cannot be read and cleared.



(a) Check for DTCs.

- (1) Connect the intelligent tester to the DLC3.
- (2) Turn the ignition switch to the ON position.
- (3) Check for DTCs by following the prompts on the tester screen.

HINT:

When checking the DTCs of the occupant classification ECU, select the **OCCUPANT DETECT** on the tester screen.

(b) Clear the DTCs.

- (1) Connect the intelligent tester to the DLC3.
- (2) Turn the ignition switch to the ON position.
- (3) Clear the DTCs by following the prompts on the tester screen.

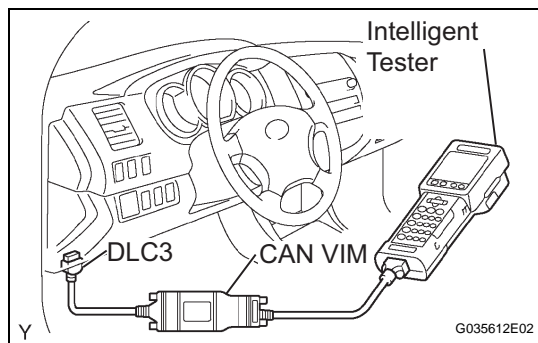
HINT:

When clearing the DTCs of the occupant classification ECU, select the **OCCUPANT DETECT** on the tester screen.

DATA LIST / ACTIVE TEST

HINT:

By accessing the DATA LIST displayed by the intelligent tester, values of switches and sensors can be checked without removing any parts. Reading the DATA LIST as the first step of troubleshooting is one method to shorten diagnostic time.



1. DATA LIST FOR OCCUPANT CLASSIFICATION ECU

- Connect the intelligent tester to the DLC3.
- Turn the ignition switch to the ON position.
- Following the display on the tester screen, read the DATA LIST.

HINT:

The Specified Condition for Zero Point Calibration in the table below must be satisfied when the zero point calibration is performed.

DATA LIST

Item	Measurement Item/ Range (Display)	Normal Condition	Specified Condition for Zero Point Calibration	Diagnostic Note
PASSENGER CLASS	Passenger classification/ NG: Data is not determined AM50: Adult is seated and seat is in rear position AF05: Adult is seated and seat is in front position CHILD: Child is seated OFF: Vacant	AF05/AM50/CHILD/OFF	OFF	-
P BUCKLE SW	Buckle switch (Passenger side)/ SET: Passenger side seat belt is fastened UNSET: Passenger side seat belt is unfastened NG: Data is not determined	UNSET/SET	UNSET	-
SEAT POSITION	Seat position/ ON: Seat is in front position OFF: Seat is in rear position NG: Data is not determined	ON/OFF	ON/OFF	-
RELATIVE PRESS	Pressure sensor output/ Min.: 0 Max.: 255	0 to 210	0 to 2	-
FILTERED PRESS	Filtered pressure sensor output/ Min.: 0 Max.: 255	38 to 240	38 to 75	If value outside range of Specified Condition for Zero Point Calibration, check whether any objects placed on seat cushion and that seat cushion fitted correctly.
THERMISTOR TEMP	Thermistor temperature output/ Min.: -40°C (-40°F) Max.: 90°C (194°F)	-40° to 85°C (-40° to 185°F)	3° to 40°C (36° to 104°F)	If value outside range of Specified Condition for Zero Point Calibration, adjust temperature to proper range by using air conditioner, etc.

Item	Measurement Item/ Range (Display)	Normal Condition	Specified Condition for Zero Point Calibration	Diagnostic Note
WEIGHT THRESH	Weight threshold/ Min.: 0 Max.: 255	36 to 67 (reference value)	36 to 67 (reference value)	-
FILTERED TENSION	Filtered belt tension output/ Min.: 0 Max.: 255	39 to 229	39 to 64 (no load)	-
EMPTY THRESH	Empty threshold value from seat factory/ Min.: 0 Max.: 255	38 to 75	38 to 75	-
ALLOW THRESH	Threshold value for adult passenger or not from seat factory/ Min.: 0 Max.: 255	43 to 64 (reference value)	43 to 64 (reference value)	-
#PRESENT CODES	Number of present trouble codes/ Min.: 0 Max.: 255	0	0	-
#PAST CODES	Number of past trouble codes/ Min.: 0 Max.: 255	0	0	-