DATA LIST / ACTIVE TEST

1. READ DATA LIST

HINT:

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

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
KEY UNLK WRN SW	Unlock warning switch signal /ON or OFF	ON: Key is in ignition key cylinder OFF: No key is in ignition key cylinder	-
D DOR CTY SW	Driver side door courtesy switch signal /ON or OFF	ON: Driver side door is open OFF: Driver side door is closed	-

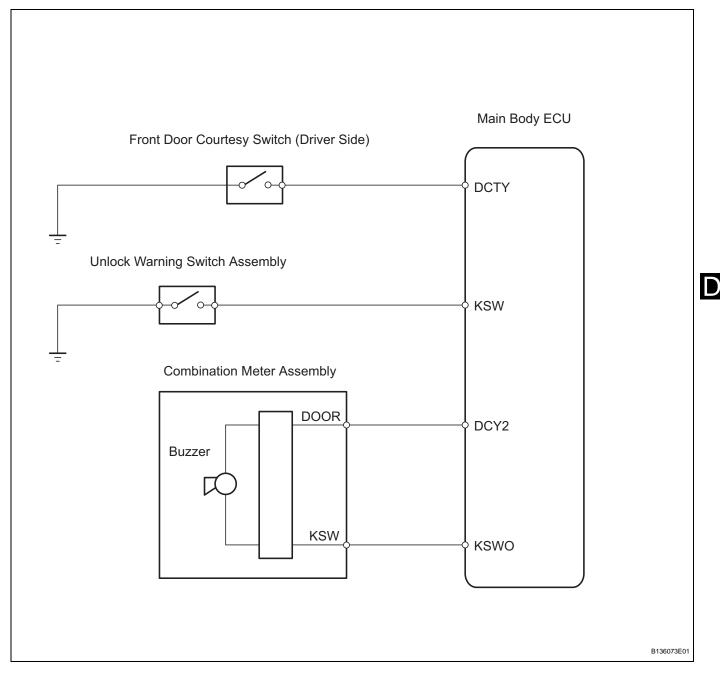
BODY:

Key Reminder Buzzer does not Sound

DESCRIPTION

The key reminder warning buzzer sounds when the driver side door is opened while the ignition switch is in the LOCK or ACC position. The key reminder warning buzzer is activated when the main body ECU sends a key switch signal and driver side courtesy switch signal to the combination meter.

WIRING DIAGRAM



INSPECTION PROCEDURE

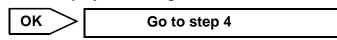
- (b) Turn the ignition switch ON and turn the intelligent tester main switch ON.
- (c) Select the items below in the "DATA LIST" and read the display on the intelligent tester.

BODY

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
D DOR CTY SW	Driver side door courtesy switch signal / ON or OFF	ON: Driver side door is open OFF: Driver side door is closed	-

OK:

When the driver side door is opened/closed, the display will change as shown above.



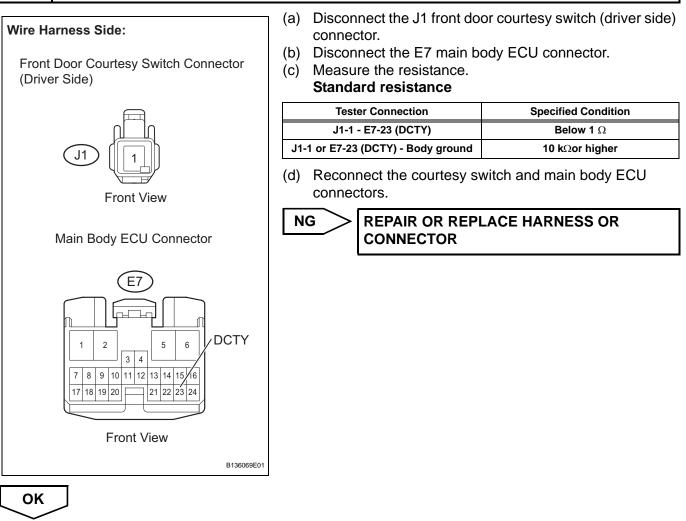


2 INSPECT FRONT DOOR COURTESY SWITCH (DRIVER SIDE) Remove the front door courtesy switch (driver side). (a) Not Pushed (ON) Measure the resistance. (b) Standard resistance Pushed (OFF) **Tester Connection** Condition Specified Condition 1 - Body ground Not pushed (ON) Below 1 Ω Pushed (OFF) 1 - Body ground 10 k Ω or higher Reinstall the front door courtesy switch (driver side). (c) Body Ground NG **REPLACE FRONT DOOR COURTESY** E114552E01 P SWITCH (DRIVER SIDE)

OK

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3 CHECK HARNESS AND CONNECTOR (FRONT DOOR COURTESY SWITCH (DRIVER SIDE) - MAIN BODY ECU)



4 READ VALUE OF INTELLIGENT TESTER (KEY UNLK WRN SW)

- (a) Connect the intelligent tester with CAN VIM to the DLC3.
- (b) Turn the ignition switch ON and turn the intelligent tester main switch ON.
- (c) Select the item below in the "DATA LIST" and read the display on the intelligent tester.

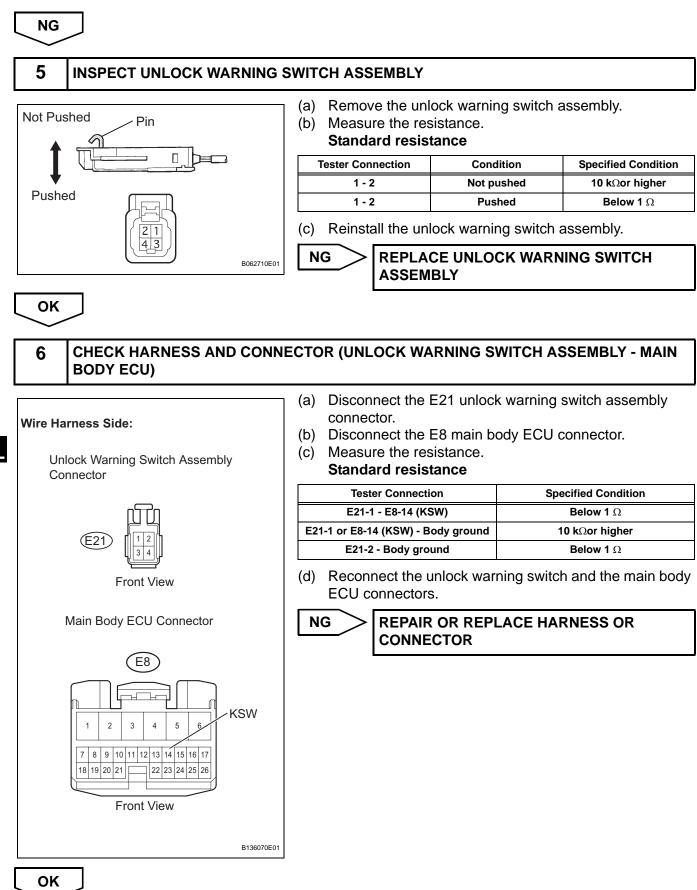
BODY

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
KEY UNLK WRN SW	Unlock warning switch signal / ON or OFF	ON: Key is in ignition key cylinder OFF: No key is in ignition key cylinder	-

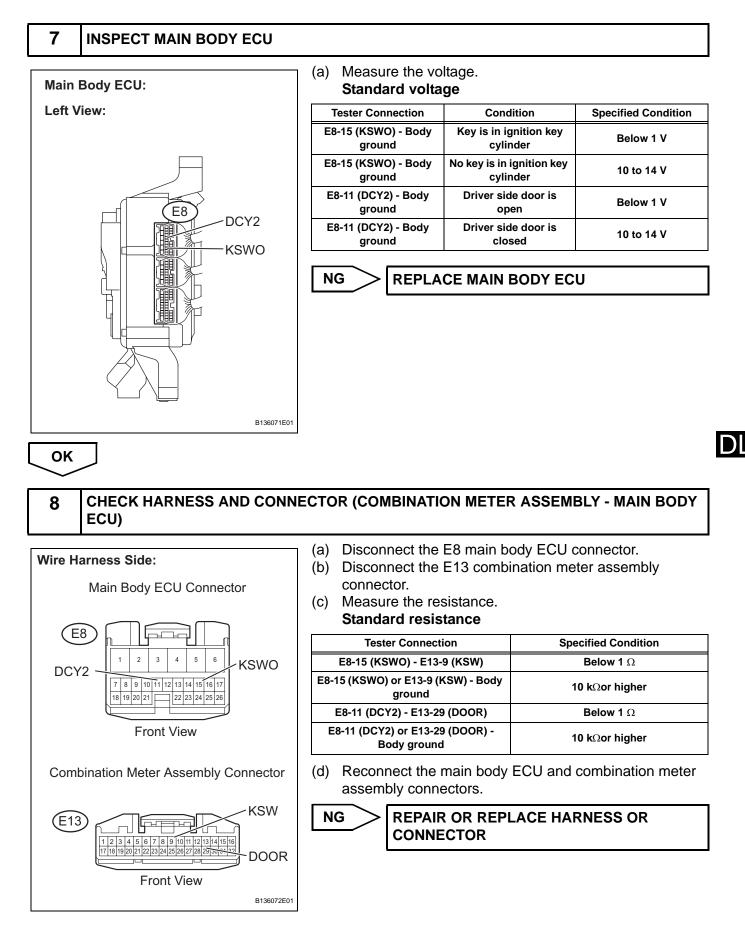
OK:

When the ignition key is operated, the display changes as shown above.

Go to step 7



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REPLACE COMBINATION METER ASSEMBLY

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