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<b>Model Year Start:</b> 2009	<b>Model:</b> GX470	<b>Prod Date Range:</b> [08/2008 - ]
<b>Title:</b> SUPPLEMENTAL RESTRAINT SYSTEM: AIRBAG SYSTEM: DTC CHECK / CLEAR; 2009 MY GX470 [08/2008 - ]		

## DTC CHECK / CLEAR

### 1. DTC CHECK (USING SST CHECK WIRE)

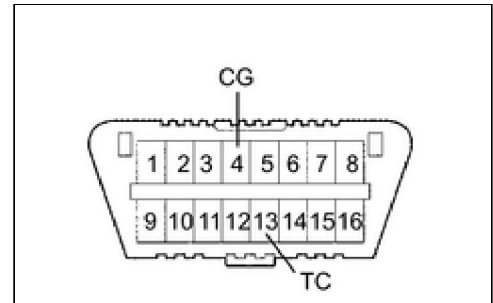
(a) Check the DTCs (Present trouble code).

- (1) Turn the ignition switch ON, and wait for approximately 60 seconds.
- (2) Using SST, connect terminals TC and CG of the DLC3.

**SST: 09843-18040**

**NOTICE:**

Connect the terminals to the correct positions to avoid a malfunction.



(b) Check the DTCs (Past trouble code).

- (1) Using SST, connect terminals TC and CG of the DLC3.

**SST: 09843-18040**

**NOTICE:**

Connect the terminals to the correct positions to avoid a malfunction.

- (2) Turn the ignition switch ON, and wait for approximately 60 seconds.

(c) Read the DTCs.

- (1) Read the blinking patterns of the DTCs. As examples, the blinking patterns for the normal system code and trouble codes 11 and 31 are shown in the illustration.

- Normal system code indication (without past trouble code)

The light blinks twice per second.

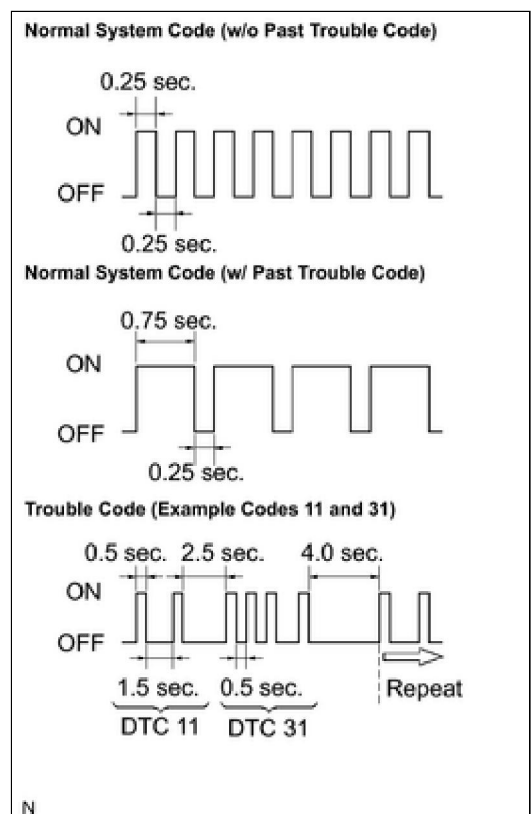
- Normal system code indication (with past trouble code)

When the past trouble code is stored in the center airbag sensor assembly, the light blinks only once per second.


- Trouble code indication

The first two blinkings indicate the first DTC. The second blinking occurs after a 1.5-second pause.

If there are more than 1 code, there will be a 2.5-second pause between each code. After all codes are shown, there will be a 4.0-second pause, and they all will be repeated.



**HINT:**

- If 2 or more malfunctions are found, the indication begins with the smaller numbered code.
- If DTCs are indicated without connecting the terminals, proceed to the "TC and CG Terminal Circuit"  .

## 2. DTC CLEAR (USING SST CHECK WIRE)

(a) Clear the DTCs.

- (1) When the ignition switch is turned off, the DTCs are cleared.

### HINT:

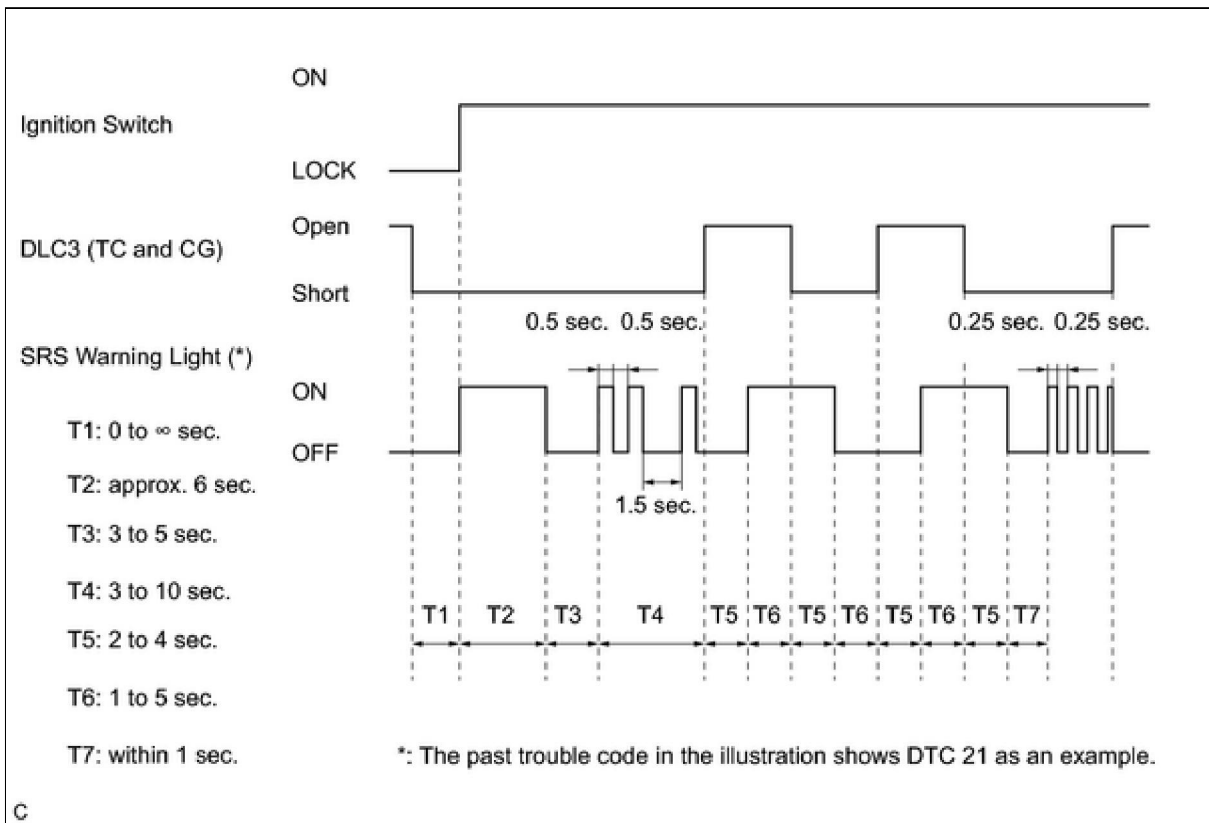
Depending on the DTC, the code may not be cleared by turning off the ignition switch. In this case, proceed to the next procedure.

- (2) Using SST, connect terminals TC and CG of the DLC3, and then turn the ignition switch to the ON position.

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- (3) Disconnect terminal TC of the DLC3 within 3 to 10 seconds after the DTCs are output, and check if the SRS warning light comes on after 3 seconds.
- (4) Within 2 to 4 seconds after the SRS warning light comes on, connect terminals TC and CG of the DLC3.
- (5) The SRS warning light should go off within 2 to 4 seconds after connecting terminals TC and CG of the DLC3. Then, disconnect terminal TC within 2 to 4 seconds after the SRS warning light goes off.
- (6) The SRS warning light comes on again within 2 to 4 seconds after disconnecting terminal TC. Then, reconnect terminals TC and CG of the DLC3 within 2 to 4 seconds after the SRS warning light comes on.
- (7) Check if the SRS warning light goes off within 2 to 4 seconds after connecting terminals TC and CG of the DLC3. Also check if the normal system code is output within 1 second after the SRS warning light goes off.

If DTCs are not cleared, repeat this procedure until the codes are cleared.



### 3. DTC CHECK

(a) Check the DTCs.

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

#### HINT:

Refer to the Techstream operator's manual for further details.

(b) Clear the DTCs.

- (1) Connect the Techstream 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:

Refer to the Techstream operator's manual for further details.

