DTC CHECK / CLEAR

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

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

(1) Turn the ignition switch to the ON position, 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 for 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 to the ON position, and wait for approximately 60 seconds.

(c) Read the DTCs.

(1) Read the blinking patterns of the DTCs. Examples of the blinking patterns for a normal system code, and DTCs 11 and 31 are shown in the illustration.

• Normal system code indication (without past trouble code):
The light blinks twice per second.

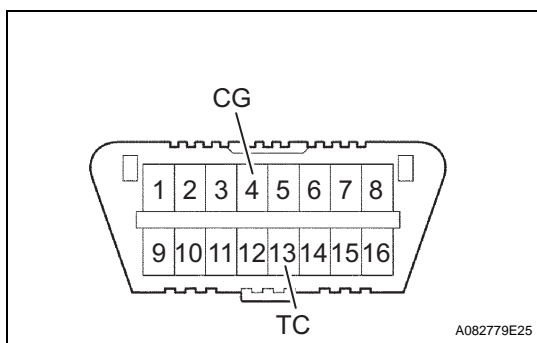• Normal system code indication (with past trouble code):
When the past trouble code is stored in the center airbag sensor assembly, the light blinks only once per second.
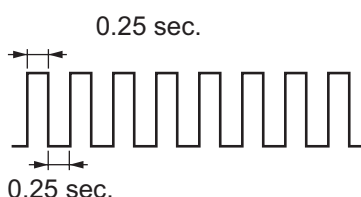
• Trouble code indication:
The first blinking pattern indicates the first DTC. If there are more than 1 code, there will be a 2.5 second pause between each code. After all codes are shown, there will be a 4.0 second pause, and they all will be repeated.
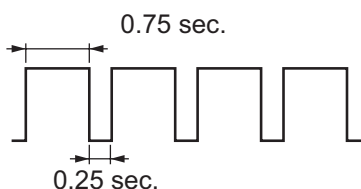HINT:

• 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 terminal circuit" (see page).

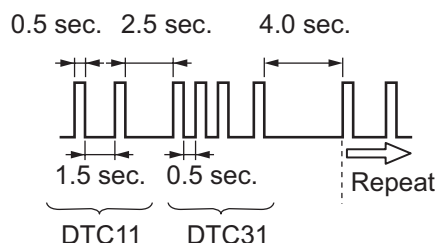Normal System Code
(without Past Trouble Code)

0.25 sec.

0.25 sec.

Normal System Code
(with Past Trouble Code)

0.75 sec.

0.25 sec.

Trouble Code
(Example Code 11 and 31)

0.5 sec. 2.5 sec.   4.0 sec.

1.5 sec. 0.5 sec.   Repeat

DTC11   DTC31

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

(a) Clear the DTCs.

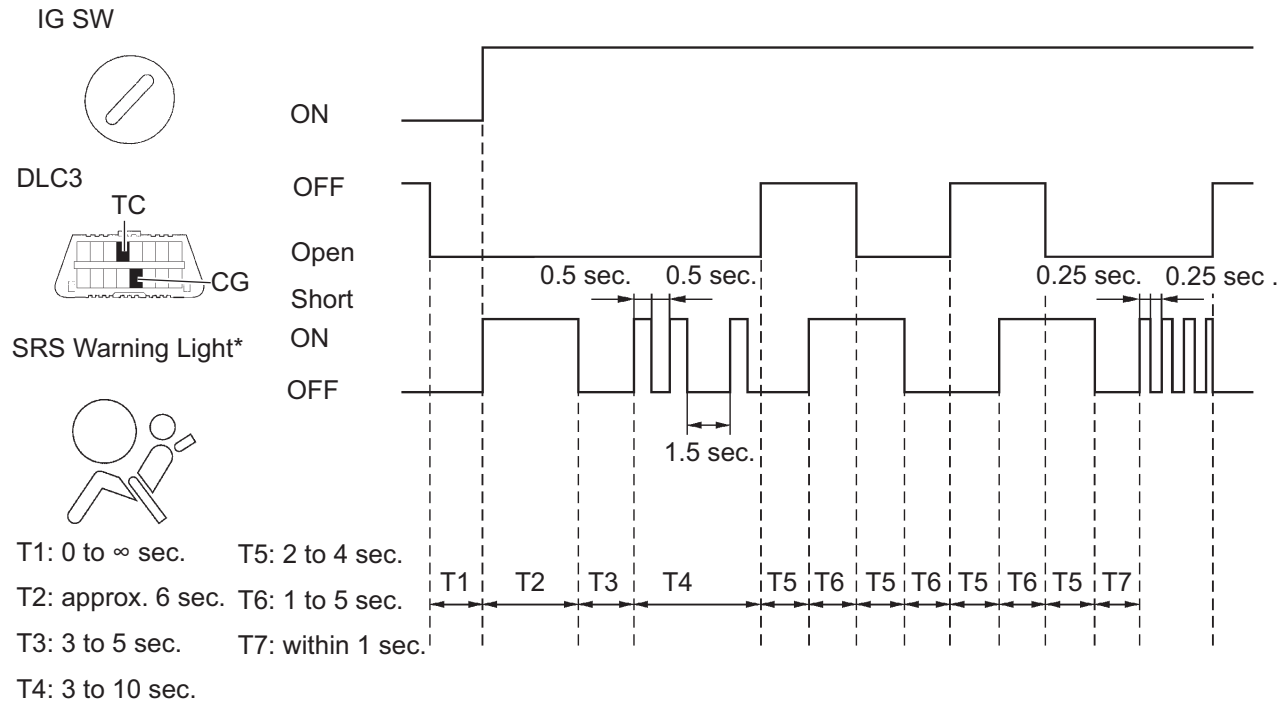(1) When the ignition switch is turned OFF, the DTCs are cleared.
HINT:
Depending on the DTC, the code may be cleared by turning OFF the ignition switch. In this case, proceed to the next procedure.

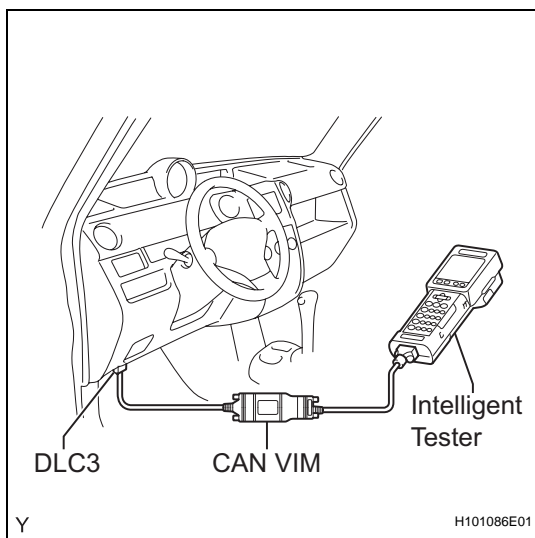(2) Using SST, connect terminals TC and CG of the DLC3, and then turn the ignition switch to the ON position.
SST   09843-18040

(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 within 2 to 4 seconds after the SRS warning light comes on.

(7) Check if the SRS warning light goes off 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.

RS

IG SW

DLC3
TC
CG

SRS Warning Light*

ON
OFF
Open
Short
ON
OFF

0.5 sec. 0.5 sec.

1.5 sec.

0.25 sec. 0.25 sec .

T1: 0 to ∞ sec. T5: 2 to 4 sec.

T2: approx. 6 sec. T6: 1 to 5 sec.

T3: 3 to 5 sec. T7: within 1 sec.

T4: 3 to 10 sec.

T1 T2 T3 T4 T5 T6 T5 T6 T5 T6 T5 T7

*: The past trouble code in the illustration shows DTC 21 as an example.

H100440E02

DLC3 CAN VIM Intelligent Tester

Y H101086E01

3. CHECK DTC (USING INTELLIGENT TESTER)
(a) Check for DTCs.
   (1) Connect the intelligent tester (with CAM VIM) to the DLC3.
   (2) Turn the ignition switch to the ON position.
   (3) Read the DTCs by following the directions on the tester's screen.
   HINT:
   Refer to the intelligent tester operator's manual for further details.

4. CLEAR DTC (USING INTELLIGENT TESTER)
(a) Clear the DTCs.
   (1) Connect the intelligent tester (with CAM VIM) to the DLC3.
   (2) Turn the ignition switch to the ON position.
   (3) Erase the DTCs by following the directions on the tester's screen.
   HINT:
   Refer to the intelligent tester operator's manual for further details.