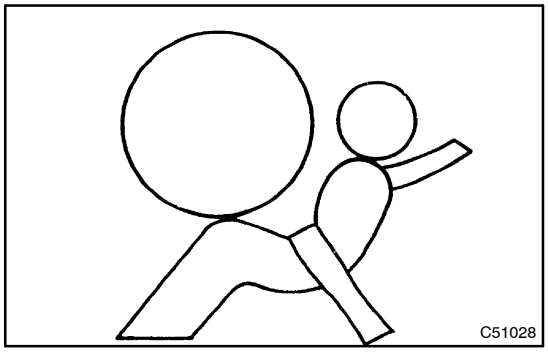

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050YG–13

PRE–CHECK

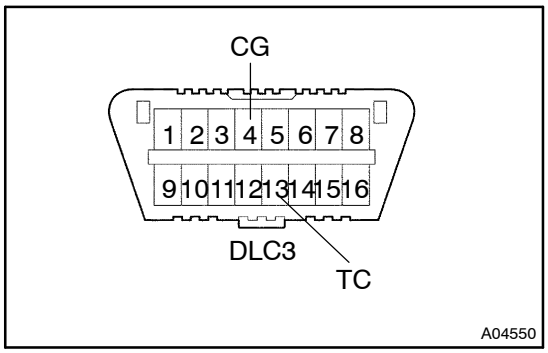
1. CHECK SRS WARNING LIGHT

(a) Turn the ignition switch to the ON position and check that the SRS warning light lights up.

(b) Check that the SRS warning light goes off after approx. 6 seconds.

HINT:

- When the ignition switch is at ON position and the SRS warning light remains on or flashes, the airbag sensor assembly has detected a malfunction code.
- If the SRS warning light sometimes lights up or the SRS warning light remains on after approx. 6 seconds have elapsed even when the ignition switch is OFF, a short in the SRS warning light circuit may be the cause likely. Proceed to "SRS warning light circuit malfunction" on pages 05–365 and 05–369.



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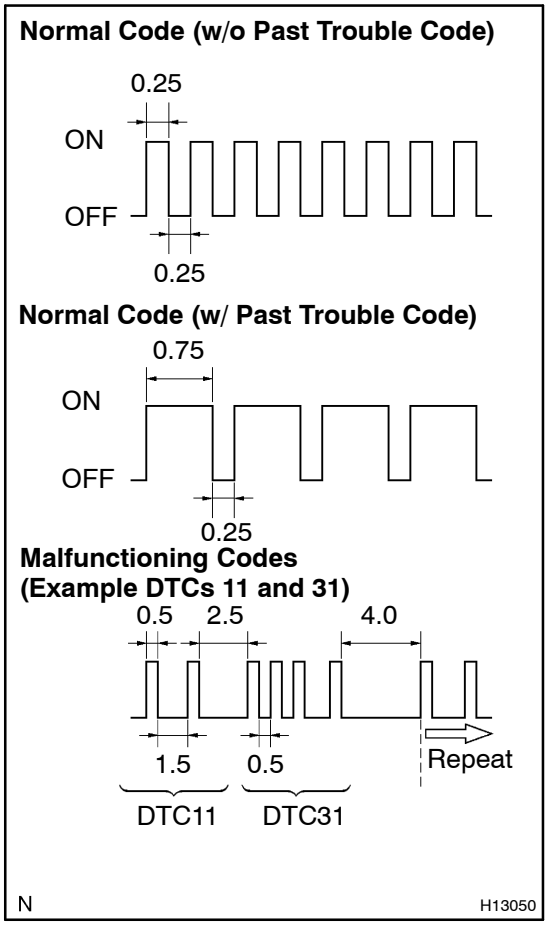
2. Using diagnosis check wire:
CHECK DTC

(a) Present troubles codes:
Output the DTC.
(1) Turn the ignition switch to the ON position and wait for approx. 60 seconds.
(2) Using SST, connect terminals TC and CG of the DLC3.
SST 09843–18040

NOTICE:
Pay due attention to the terminal connecting positions in order to prevent a malfunction.

(b) Past troubles codes:
Output the DTC.
(1) Using rsearvice wire, connect terminals TC and CG of the DLC3.
SST 09843–18040
(2) Turn the ignition switch to the ON position and wait for approx. 60 seconds.

NOTICE:
Pay due attention to the terminal connecting positions in order to prevent a malfunction.



(c) Read the DTC.
Read the 2–digit DTC as indicated by the number of times that the SRS warning light blinks. As an example, the blinking patterns of normal, DTCs 11 and 31 are shown in the illustration.

- Normal code indication (w/o past trouble code)
  The light blinks twile per second.
- Normal code indication (w/ past trouble code)
  When the past troubles code is stored in the airbag sensor assembly, the light blinks only once per second.
- Malfunction code indication
  The first blinking output indicates the first digit of a 2–digit DTC. After a 1.5–second pause, the second blinking output will indicate the second digit.

If there are 2 or more codes, there will be a 2.5–second pause between outputs of each code. After all the codes have been output, there will be a 4.0–second pause and they will all be repeated.
HINT:

- If there are a number of trouble codes, the indication will start from the smallest numbered code.
- If a DTC is not output or a DTC is output without terminals connection, proceed to the TC terminal circuit inspection on page 05–371.

3. Using hand–held tester:
CHECK DTC

(a) Connect the hand–held tester to the DLC3.
(b) Read the DTCs by following the prompts on the tester screen.

HINT:
Please refer to the hand–held tester operator's manual for further details.

4. Not using service wire:
CLEAR DTC

(a) When the ignition switch is turned OFF, the diagnostic trouble code is cleared.

HINT:
DTC might not be cleared by turning the ignition switch OFF. In this case, proceed to the step 5.

5. Using service wire:
CLEAR DTC

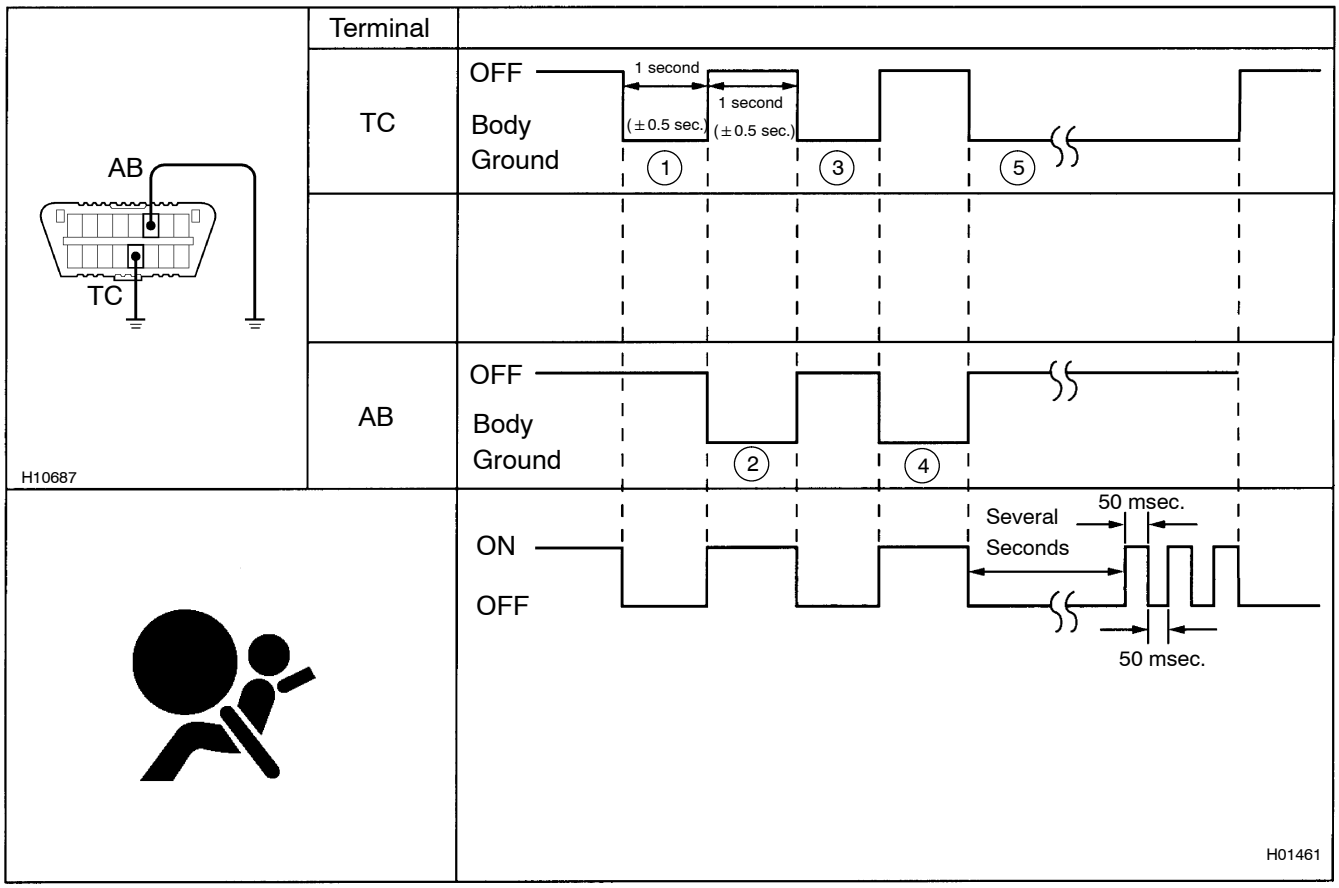
(a) Connect the 2 service wires to terminals TC and AB of the DLC1.
(b) Turn the ignition switch to ON and wait for approx. 6 seconds.

(c) Starting with the TC terminal, alternately ground terminals TC and AB twice each in cycles of 1.0 second. Make sure that the terminals are grounded. Ensure that the terminal TC remains grounded.

HINT:

When alternately grounding terminals TC and AB, release one terminal from ground and immediately ground the other terminal within an interval of 0.2 seconds.

If several DTCs are be cleared, repeat the above procedures until all the codes are cleared.



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(d) Several seconds after performing the clear procedures, the SRS warning light will blink in a 50 msec. cycle to indicate the codes which have been cleared.

6. Using hand–held tester:
CLEAR DTC

(a) Connect the hand–held tester to the DLC3.

(b) Clear the DTCs by following the prompts on the tester screen.

HINT:

Please refer to the hand–held tester operation's manual for further details.

7. RELEASE METHOD OF AIRBAG ACTIVATION PREVENTION MECHANISM

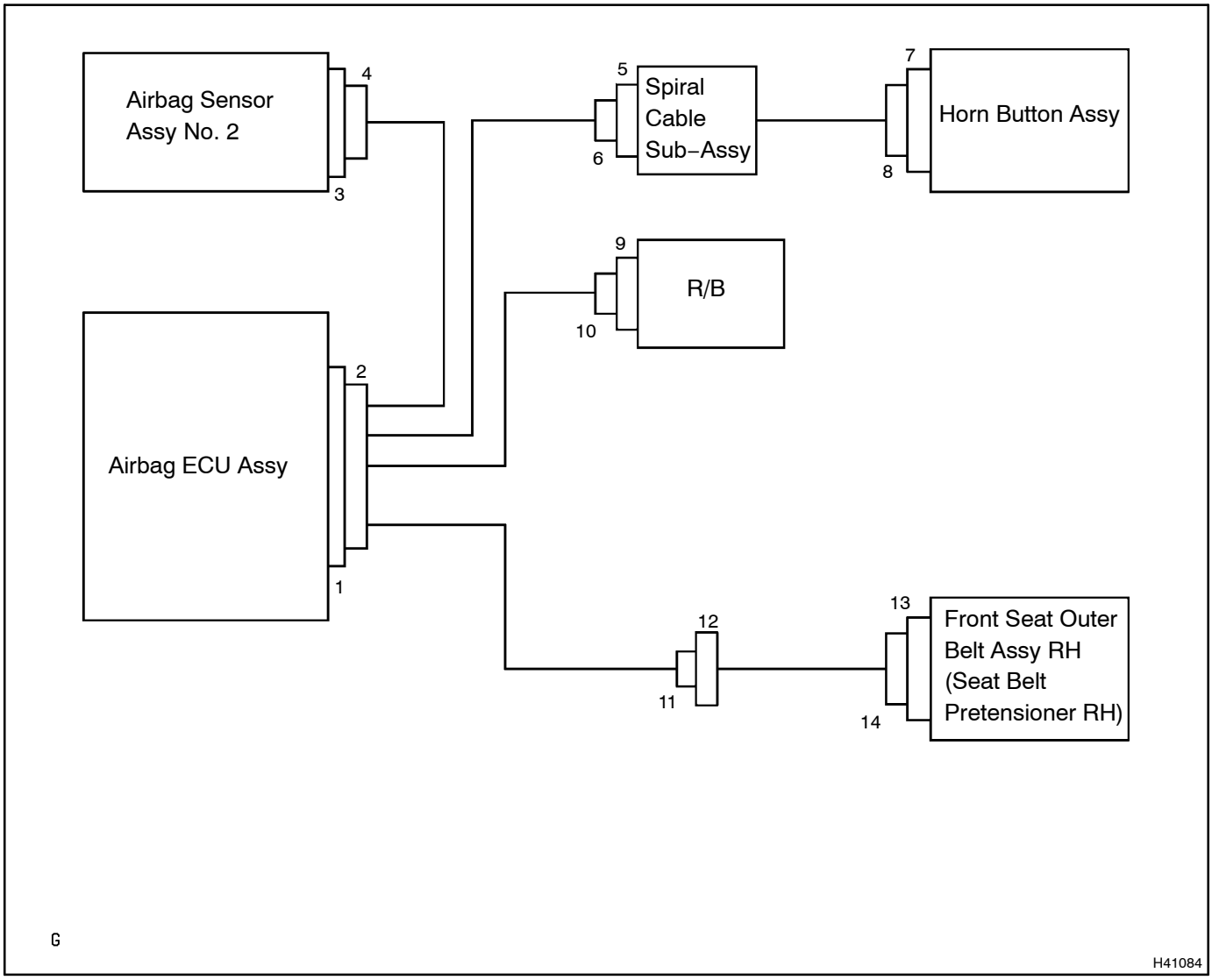
(a) An airbag activation prevention mechanism is built into the connector for the squib circuit of the SRS. When release of the airbag activation prevention mechanism is required in the troubleshooting procedures, as shown in the illustration of the connectors on the following pages, insert a piece of paper which has the same thickness as the male terminal between the terminal and the short spring.

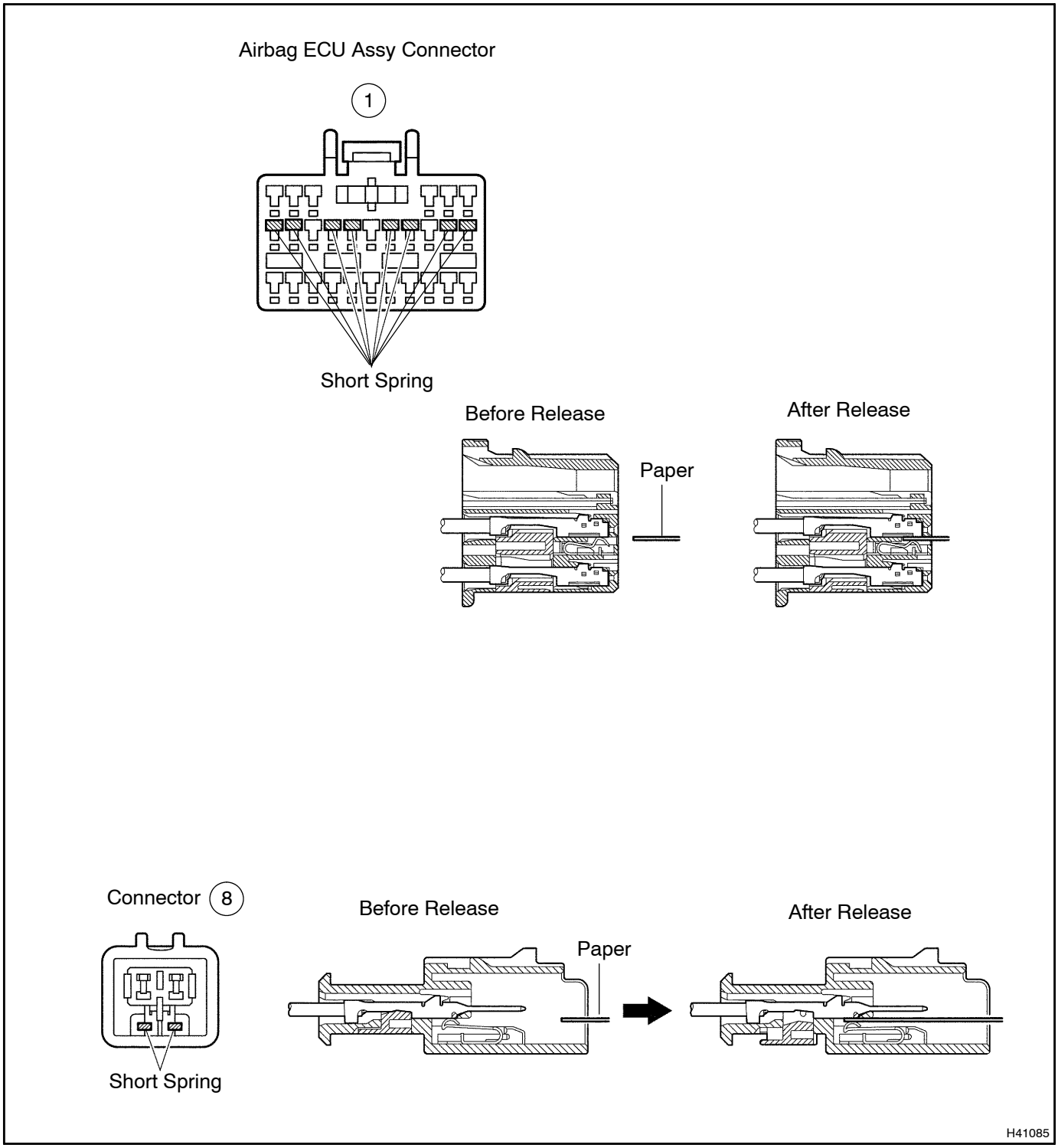
CAUTION:

Do not release the airbag activation prevention mechanism on the squib connector.

NOTICE:

- **Do not release the airbag activation prevention mechanism unless specifically required in the troubleshooting procedures.**
- **If the paper inserted is too thick, the terminal and short spring may be damaged. So always use a piece of paper with the same thickness as the male terminal.**


Airbag Sensor
Assy No. 2
4
3
5
Spiral
Cable
Sub–Assy
6
7
Horn Button Assy
8
9
R/B
10
Airbag ECU Assy
2
1
12
11
13
Front Seat Outer
Belt Assy RH
(Seat Belt
Pretensioner RH)
14
G
H41084


Airbag ECU Assy Connector
1
Short Spring
Before Release
Paper
After Release
Connector 8
Short Spring
Before Release
Paper
After Release
H41085