DIAGNOSIS SYSTEM

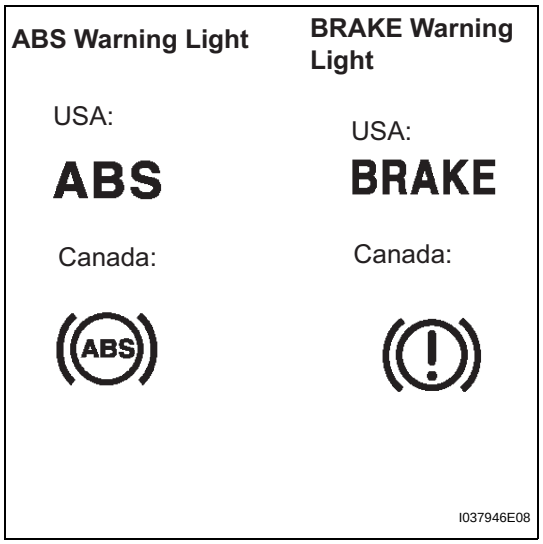
1. DIAGNOSIS

NOTICE:

When releasing the parking brake lever, set the chocks to hold the vehicle for safety.

(a) Release the parking brake lever.

(b) If the skid control ECU detects a malfunction, the ABS and BRAKE warning lights will come on to warn the driver.
The table below indicates which lights come on when there is a malfunction in a particular function.



Item / Trouble Area	ABS System	EBD System	Skid Control ECU
ABS Warning light	○	○	○
BRAKE Warning light	-	○	○

○: Light ON
-: Light OFF

(c) The DTCs are simultaneously stored in memory. The DTCs can be read by connecting the SST (09843-18043) between terminals TC and CG of the DLC3 and observing the blinking of the ABS warning light, or by connecting a intelligent tester (See page BC-13).

DTC CHECK / CLEAR

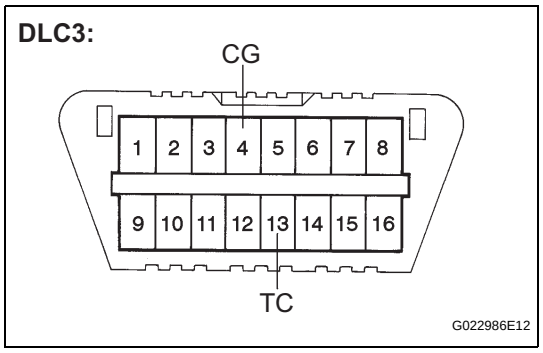
1. DTC CHECK (USING SST CHECK WIRE)

(a) Check DTCs.

(1) Using SST, connect terminals TC and the CG of the DLC3.
SST 09843-18040

(2) Turn the ignition switch to the ON position.

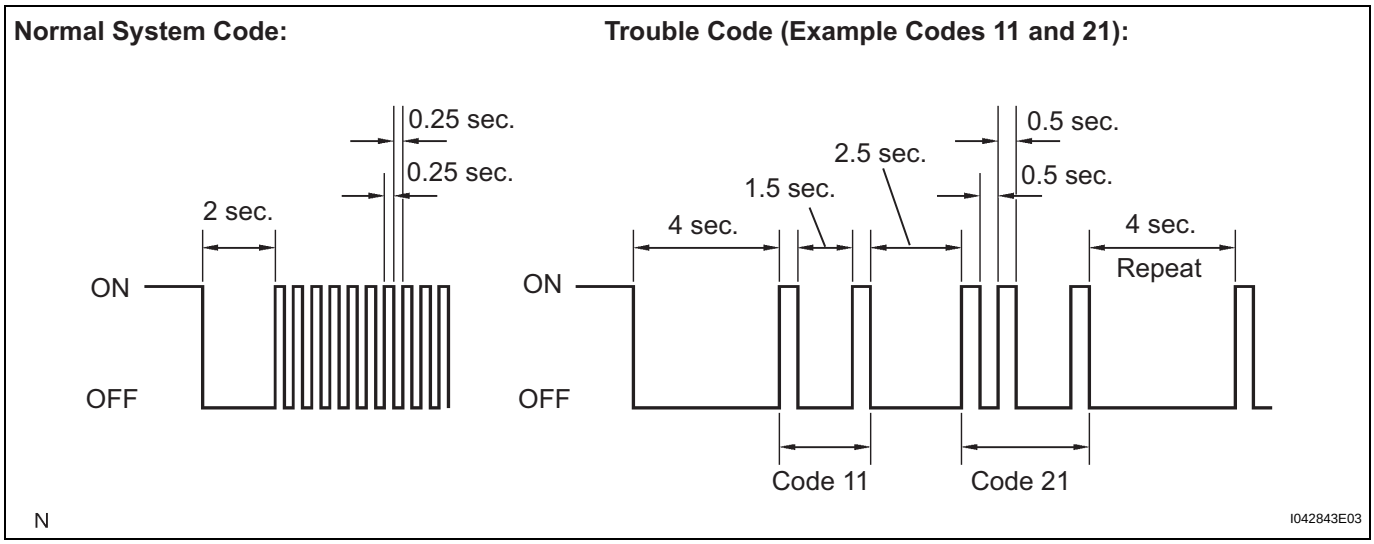
(3) Read the DTC from the ABS warning light on the combination meter assembly.
HINT:
If no code appears, inspect the TC and CG terminal circuit or ABS warning light circuit.



Trouble Area	See procedure
TC and CG terminal circuit	BC-66
ABS warning light circuit	BC-53 or BC-57

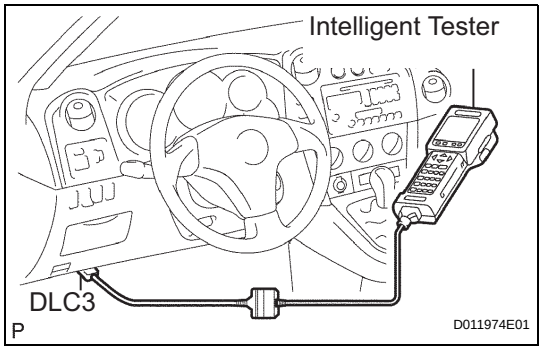
BC

(4) As examples, the blinking patterns for a normal system code and trouble codes 11 and 21.



(5) Codes are explained in the code table (See page BC-19).

(6) After completing the check, disconnect terminals TC and CG of the DLC3, and turn off the display. If 2 or more malfunctions are indicated at the same time, the lowest numbered code will be displayed 1st.



2. DTC CHECK (USING INTELLIGENT TESTER)

(a) Check DTCs.

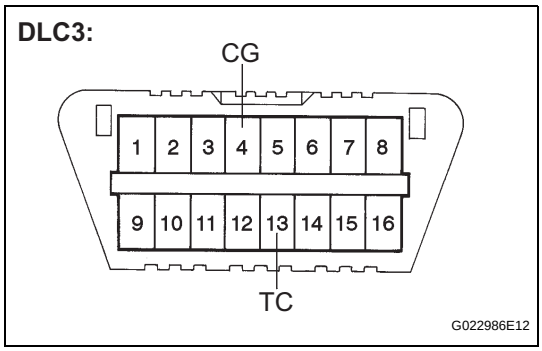
(1) Connect the intelligent tester to the DLC3.

(2) Turn the ignition switch to the ON position.

(3) Read the DTCs by following the prompts on the tester screen.

HINT:

Refer to the intelligent tester operator's manual for further details.



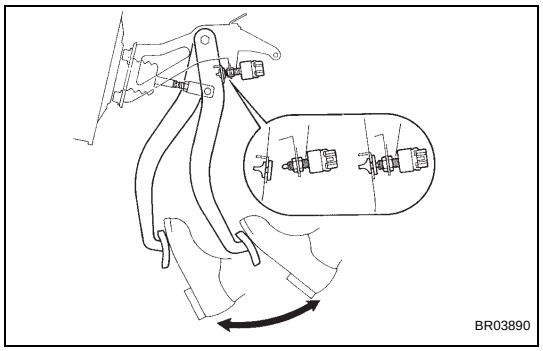
3. CLEAR DTC (USING SST CHECK WIRE)

(a) Clear the DTCs.

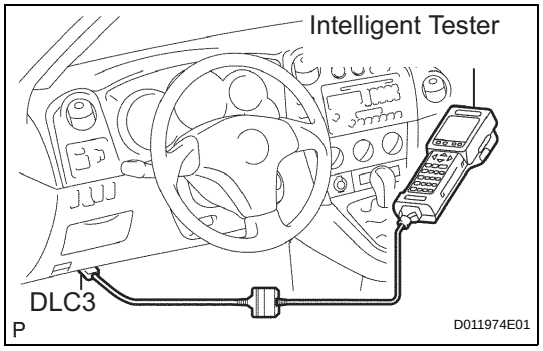
(1) Using SST, connect terminals TC and CG of the DLC3.

SST 09843-18040

(2) Turn the ignition switch to the ON position.



(3) Clear the DTCs stored in ECU by depressing the brake pedal 8 times or more within 5 seconds.
(4) Check that the warning light indicates the normal system code.
(5) Remove the SST from the terminals of the DLC3.
HINT:
Clearing the DTCs cannot be performed by removing the battery cable or ECU-IG fuse.



4. CLEAR DTC (USING INTELLIGENT TESTER)
(a) Clear the DTCs.
(1) Connect the intelligent tester to the DLC3.
(2) Turn the ignition switch to the ON position.
(3) Operate the intelligent tester to erase the codes.
HINT:
Refer to the intelligent tester operator's manual for further details.

5. END OF DTC CHECK / CLEAR
(a) Turn the ignition switch to the ON position.
(b) Check that the ABS warning light goes off in about 3 seconds.