

Variable Gear Ratio System / VGRS System / Diag Code Check / Erase

Diagnostic code output inspection

- a. Diagnose readings (using TaSCAN)
 - i. Turn IG OFF.
 - ii. Connect SST (TaSCAN) to DLC3.
SST
09991-70200
 - iii. Turn IG ON.
 - iv. On the SST (TaSCAN) display screen, select "Diagnostics," then "Chassis," then "VGRS," then "Diagnostic Monitor-Frequency Data. Select "Diagnosis", "Chassis", "VGRS", and then "Diagnosis data", and read the diagnostic code.

Note: The following table shows the results of the survey.

If there is any abnormality, erase the memory of the diagnostic code after repair.

Reference

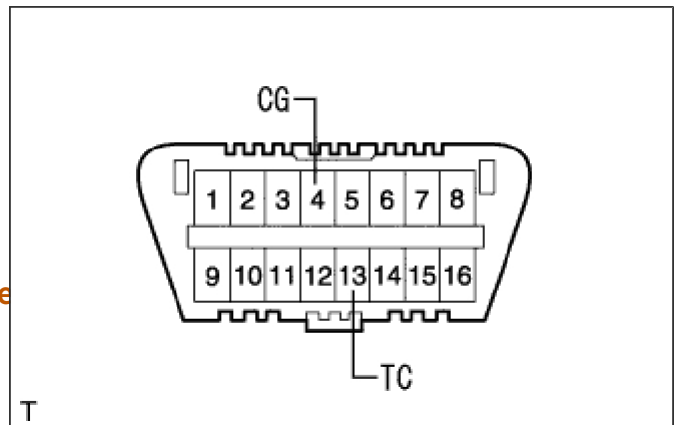
If the freeze frame is recorded, an "F" is displayed at the left end and the color of the column changes.

- b. Diagnose reading (TaSCAN not used)

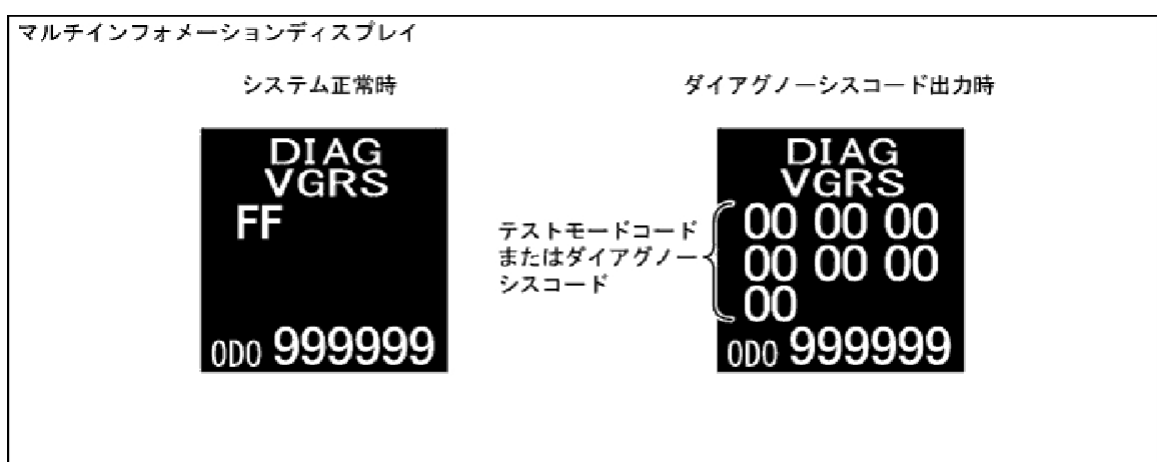
- i. Turn IG OFF.
- ii. Use SST to short between terminals 13 (TC) and 4 (CG) of DLC3.
SST
09843-18040

Note: The following table shows the results of the survey.

- Do not connect connectors in the wrong position, as this may cause malfunction.
- Performed with the vehicle stopped.



- iii. Turn IG ON.
- iv. Read the diagnostic code displayed on the multi-information display.



Reference

- If normal, "DIAG VGRS FF" is displayed.
- When diagnostic code is output, "DIAG VGRS 00" (00 = diagnostic code) is displayed.

- v. Open between terminals 13 (TC) and 4 (CG) of DLC3.

Note: The following table shows the results of the survey.

If there is an abnormality, erase the memory of the diagnostic code after repair.

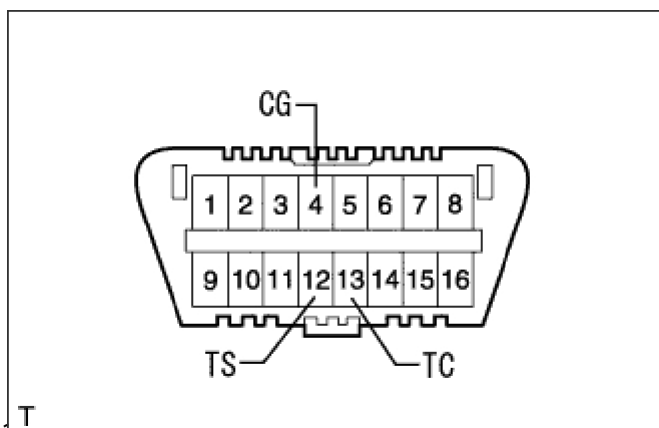
Diagnostic code erasure

- a. Diagno Ciscodo erasure method (using TaSCAN)

- Turn IG OFF.
- Connect SST (TaSCAN) to DLC3.
SST
09991-70200
- Turn IG ON.
- Select "Clear" on the SST (TaSCAN) diagnostic code display screen to clear the diagnostic code.

- b. Diagno Cisco de erasure method (TaSCAN not used)

- Turn IG OFF.
- Use SST to short between the 12 (TS) and 4 (CG) terminals of DLC3.
SST
09843-18040
- Turn IG ON.
- With the vehicle stopped, use SST to DLC3 Short circuit between 13(TC)-4(CG) terminals. Repeat ←→open 4 times.
SST
09843-18040



Note: The following table shows the results of the survey.

Do not connect the connector in the wrong position, as this may cause a malfunction.

- Turn IG OFF.
- Open between the 12 (TS) and 4 (CG) terminals of DLC3.

Reference

When the failure is ongoing, it may not be possible to erase.

- vii. Adjust the zero point of the JOLET&G sensor. (See  for instructions.)

Note: The following table shows the results of the survey.

Erasing the diagnostic code will erase the stored values of the JOLET&G sensor.

