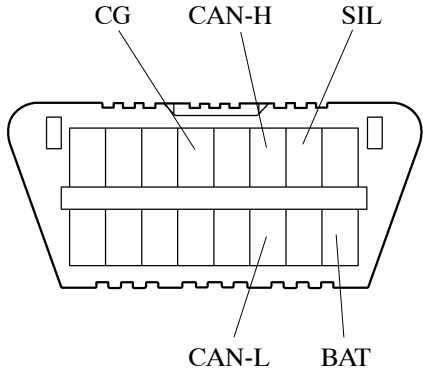
- DLC3 is equipped with CAN-H and CAN-L terminals for CAN diagnosis. It is possible to determine if there is an open or short on the main bus line by measuring the resistance value between these terminals. It is possible to determine if there is a short between the bus line - power supply/ground by measuring the resistance value between terminal CAN-H or CAN-L, and the BAT or CG terminal.

▶ CAN-H - CAN-L Inspection ◀

Resistance Value	Bus Line Status
Less than 54 Ω	Short between lines
	Short between bus line and power or ground (DTC is output)
54 Ω - 69 Ω	Normal
	Sub bus line open (DTC is output)
	Short between bus line and power or ground (DTC is output)
More than 69 Ω	Sub bus line open
	Main bus line open



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▶ Inspection for short between bus line - power supply/ground ◀

Inspection Item	Resistance Value	Bus Line Status
CAN-H - BAT	more than 1 MΩ	Bus line is OK if no DTC is output
	less than 1 MΩ	Short between bus line and power or ground
CAN-L - BAT	more than 1 MΩ	Bus line is OK if no DTC is output
	less than 1 MΩ	Short between bus line and power or ground
CAN-H - CG	more than 3 kΩ	Bus line is OK if no DTC is output
	less than 3 kΩ	Short between bus line and power or ground
CAN-L - CG	more than 3 kΩ	Bus line is OK if no DTC is output
	less than 3 kΩ	Short between bus line and power or ground

- If a communication malfunction occurs between the skid control ECU and the steering angle sensor or the yaw rate & deceleration sensor, the skid control ECU stops control of the VSC.
- For details of the CAN diagnosis system, see the Land Cruiser/ Land Cruiser Prado Repair Manual Supplement (Pub. No. RM1151E).

4. Fail-Safe

The fail-safe function provided for each system will operate if a failure occurs in the communication wire such as a short or an open circuit.

- On the new Land Cruiser/ Land Cruiser Prado, the following fail-safe functions will operate if CAN communication is unavailable.

Location of Disabled Communication	Fail-Safe
Skid Control ECU, Engine ECU, Yaw Rate, Deceleration Sensor, and Steering Angle Sensor	• Stops VSC/ABS functions • Illuminates VSC indicator light and ABS indicator light • Detects DTCs