TOYOTA SERVICE BULLETIN

Group: 09 No.: 15 Date: Mar, 13

Rav4

Correction to Repair Manual RM01N3E

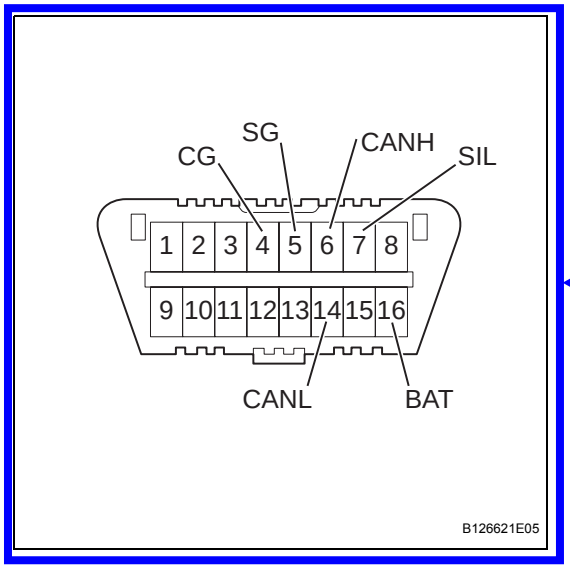
Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

Section	Title	Paragraph
DOOR LOCK	ENTRY AND START SYSTEM	DIAGNOSIS SYSTEM

The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

This Bulletin does not cause the Flat Rate Manual to be changed.

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2. CHECK DLC3

(a) The vehicle uses the ISO 15765-4 communication protocol. The terminal arrangement of the DLC3 complies with SAE J1962 and matches the ISO 15765-4 format.

[Corrected]

Symbols (Terminal No.)	Terminal Description	Condition	Specified Condition
SIL (7) - SG (5)	Bus "+" line	During transmission	Pulse generation
CG (4) - Body ground	Chassis ground	Always	Below 1 Ω
SG (5) - Body ground	Signal ground	Always	Below 1 Ω
BAT (16) - Body ground	Battery positive	Always	11 to 14 V
CANH (6) - CANL (14)	HIGH-level CAN bus line	Ignition switch off*	54 to 69 Ω
CANH (6) - Battery positive	HIGH-level CAN bus line	Ignition switch off*	1 kΩ or higher
CANH (6) - CG (4)	HIGH-level CAN bus line	Ignition switch off*	1 kΩ or higher
CANL (14) - Battery positive	LOW-level CAN bus line	Ignition switch off*	1 MΩ or higher
CANL (14) - CG (4)	LOW-level CAN bus line	Ignition switch off*	1 MΩ or higher

NOTICE:

***: Before measuring the resistance, leave the vehicle as is for at least 1 minute and do not operate the ignition switch, other switches or doors.**

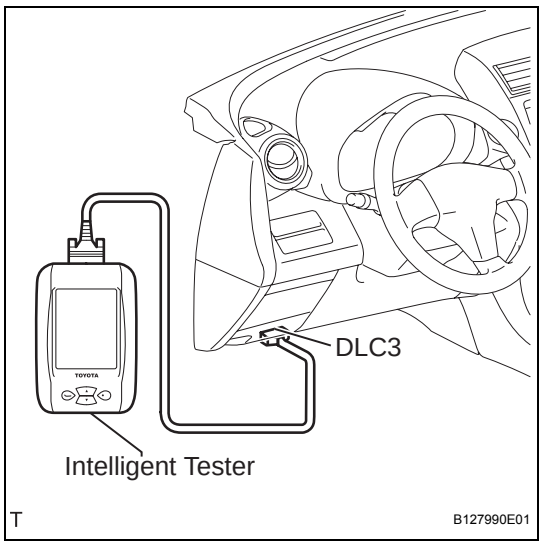
If the result is not as specified, the DLC3 may have a malfunction. Repair or replace the harness and connector.

HINT:

Connect the cable of the intelligent tester to the DLC3, turn the ignition switch on (IG) and attempt to use the tester. If the display indicates that a communication error has occurred, there is a problem either with the vehicle or with the tester.

- If communication is normal when the tester is connected to another vehicle, inspect the DLC3 of the original vehicle.
- If communication is still not possible when the tester is connected to another vehicle, the problem may be in the tester itself. Consult the Service Department listed in the tester's instruction manual.

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