

ON-BOARD DIAGNOSTIC SYSTEM EXTERNAL DIAGNOSTIC UNIT COMMUNICATION FUNCTION [SKYACTIV-D 2.2]

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Outline

- Function for allowing both the PCM and external tester to receive and send data.
- The DLC-2 has been adopted as the communication medium.

Function

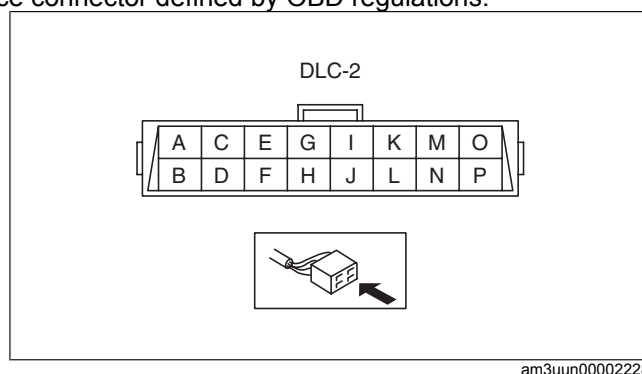
- The types of data which the PCM and external tester can receive and send using the external tester communication function include the following items:
 - Recording of engine control system information in the PCM.
 - Data related to exhaust emission such as input/output signals, the PCM-calculated values and system status.

DLC-2 Outline

- The DLC-2 located in the driver compartment is a service connector defined by OBD regulations.
- The following are functions for each terminal.

—: Not applicable

Terminal	Function
A	Battery positive voltage
B	—
C	—
D	—
E	CAN communication line LO (HS)
F	CAN communication line HI (HS)
G	—
H	Ground (signal)
I	—
J	Ground (chassis)
K	CAN communication line LO (MS)
L	CAN communication line HI (MS)
M	—
N	—
O	—
P	—



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