BODY ELECTRICAL

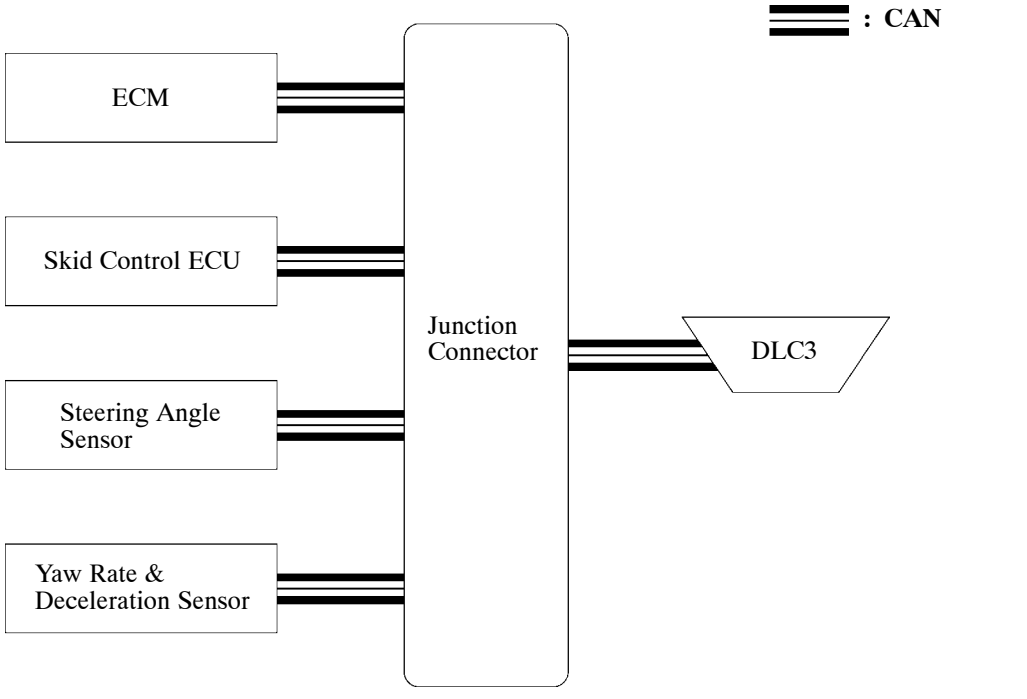
MULTIPLEX COMMUNICATION

■ DESCRIPTION

A multiplex communication system is used to allow body electrical system control in order to achieve slimmer wiring harnesses.

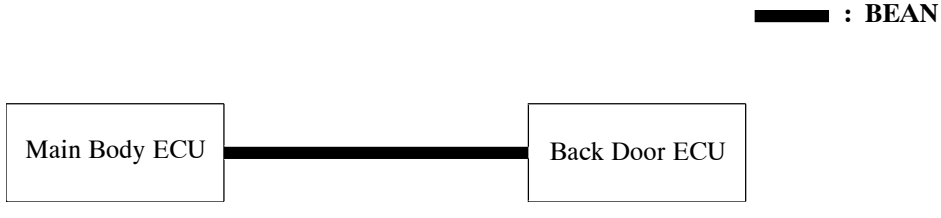
- A CAN (Controller Area Network) is used for the chassis electrical control systems. For details of the CAN, see the CAN section of BE-8. The body electrical systems still use the BEAN (Body Electronics Area Network).
- The CAN (Controller Area Network) is established among the ECM, Skid Control ECU, steering angle sensor, yaw rate & deceleration sensor and DLC3.
- The BEAN (Body Electronics Area Network) is established among the Main Body ECU and Back Door ECU. A customized body electronic system is used, enabling the control functions of the ECUs comprising the BEAN to be set using a hand-held tester. For details, see page BE-10.
- There is no communication between CAN and BEAN because this multiplex communication system does not use the gateway ECU (transfer protocol function). CAN and BEAN are separate networks.

▶ CAN System Diagram ◀



0240BE02C

▶ BEAN System Diagram ◀



0240BE01C