

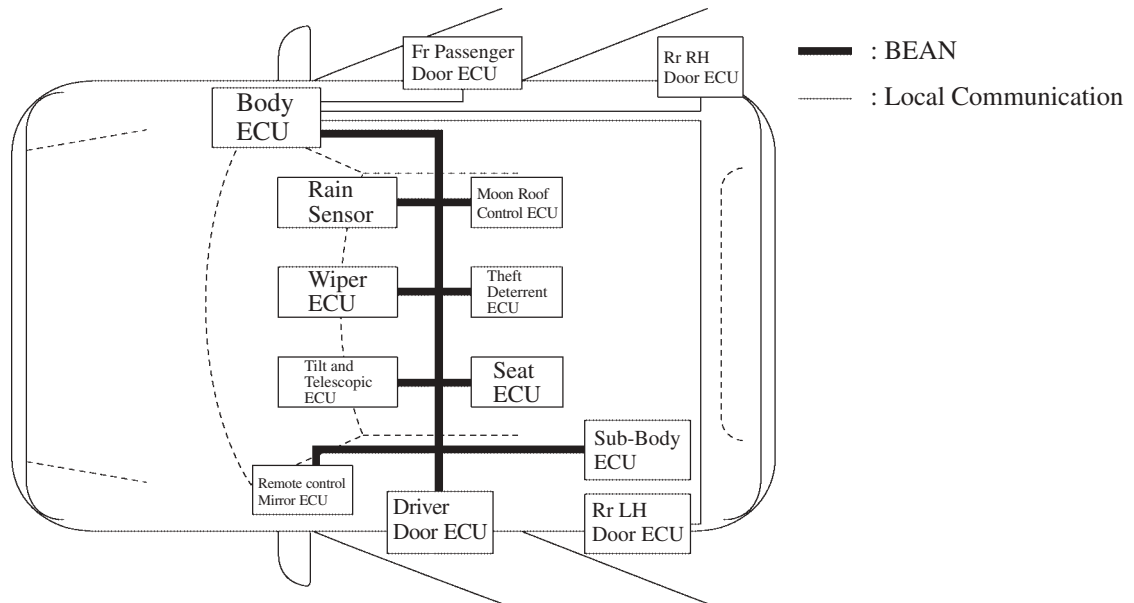
■ BODY ELECTRICAL SYSTEM CONTROL

1. Multiplex Communication System

General

- The configuration of the BEAN (Body Electronics Area Network) has been changed in accordance with the addition of equipment.
This system is divided into two buses: the bus in which communication is centered on the body ECU, and the bus in which communication is centered on the engine ECU.
- A body ECU (based on the instrument panel ECU that is used on the previous model), which comprehensively controls the body electrical system through the addition of numerous control functions, has been adopted on the new model. In addition, a sub-body ECU has been adopted.
- The communication between the control signals related to the audio and visual systems and the gateway ECU is established via the AVC-LAN (Audio Visual Communication Local Area Network).
The transmission of the signals exchanged between BEAN and AVC-LAN is carried out by gateway function of the gateway ECU.
- A customized body electronic system is used in order to set the control functions of the ECUs through the use of a hand-held tester.

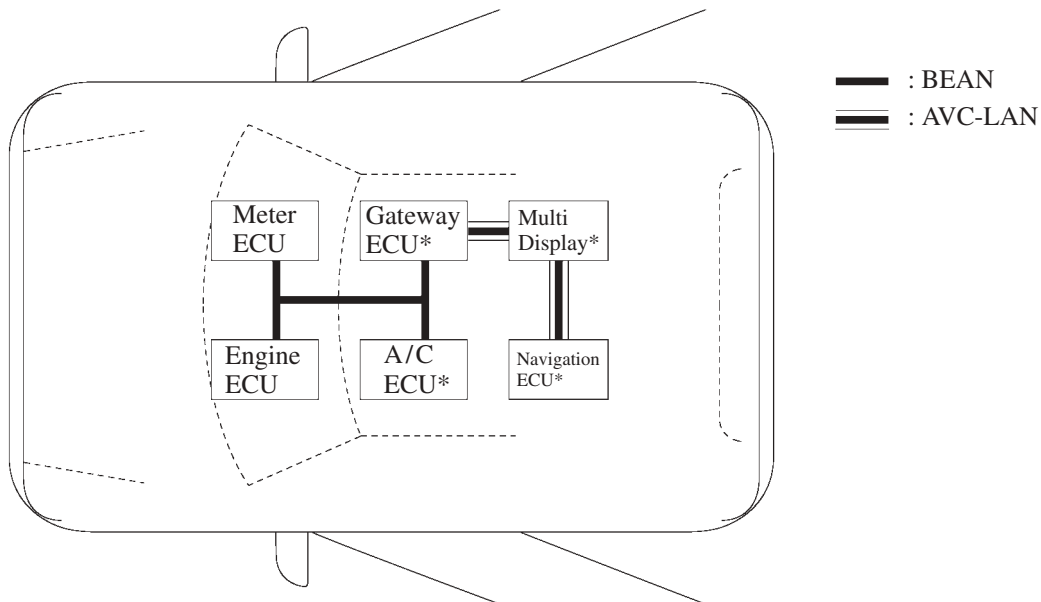
► System Diagram ◀



Bus centered on Body ECU

231LX05

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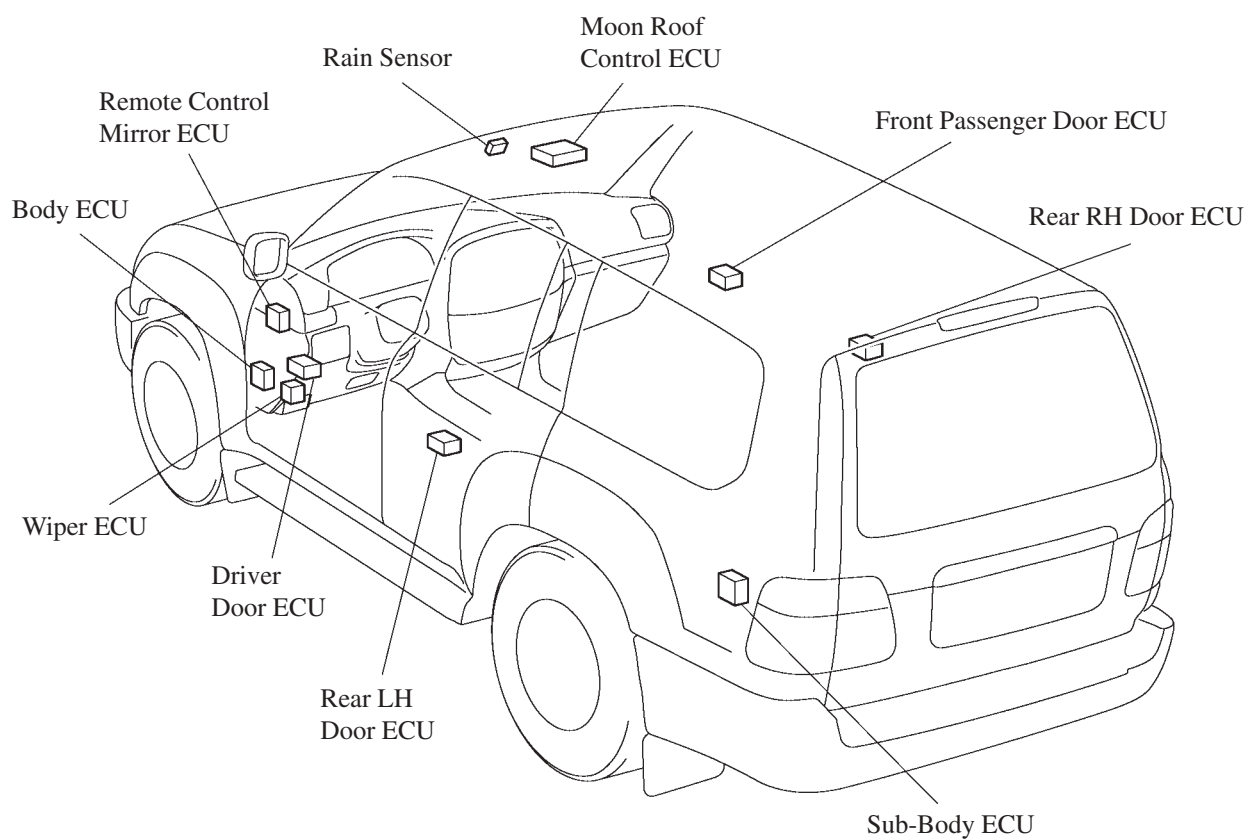
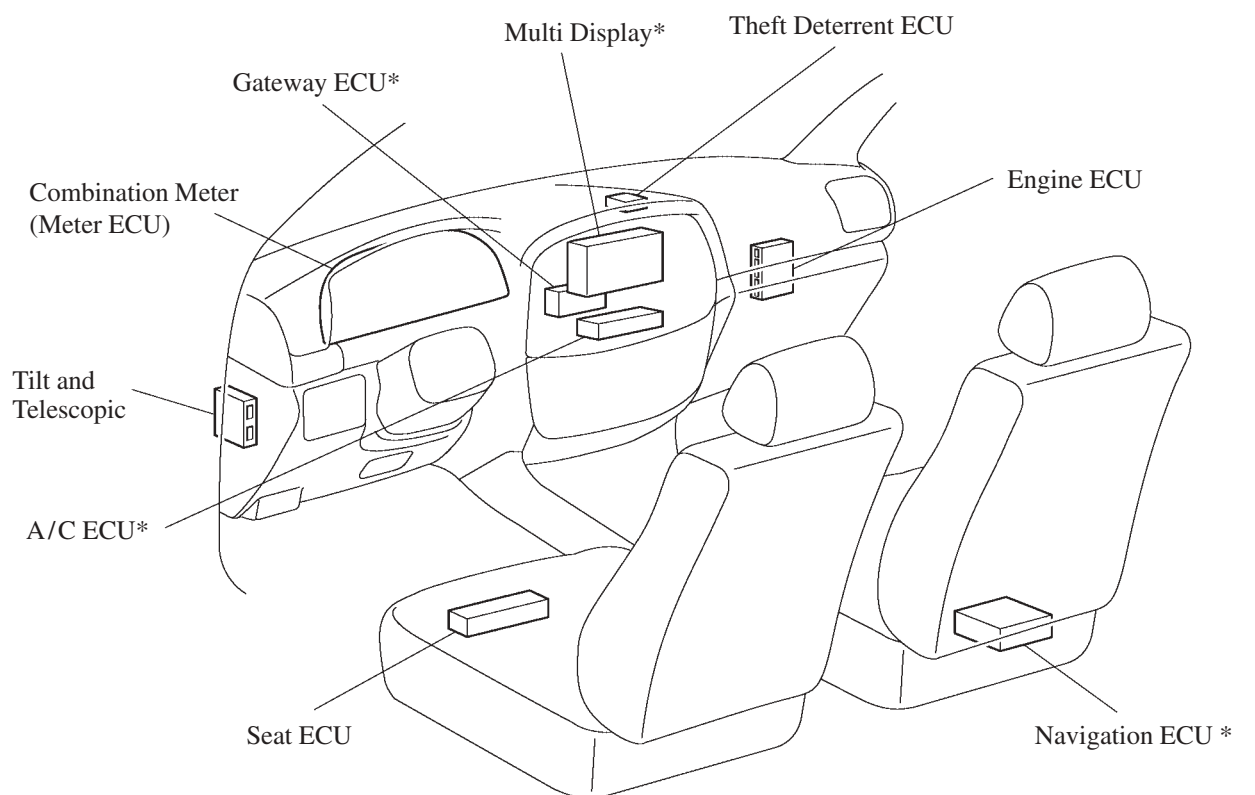


Bus centered on ECM

230LX45

*: with Multi Display Model (Only for Australia Model)

► Layout of Main Component ◀



LHD Model

*: with Multi Display Model (Only for Australia Model)