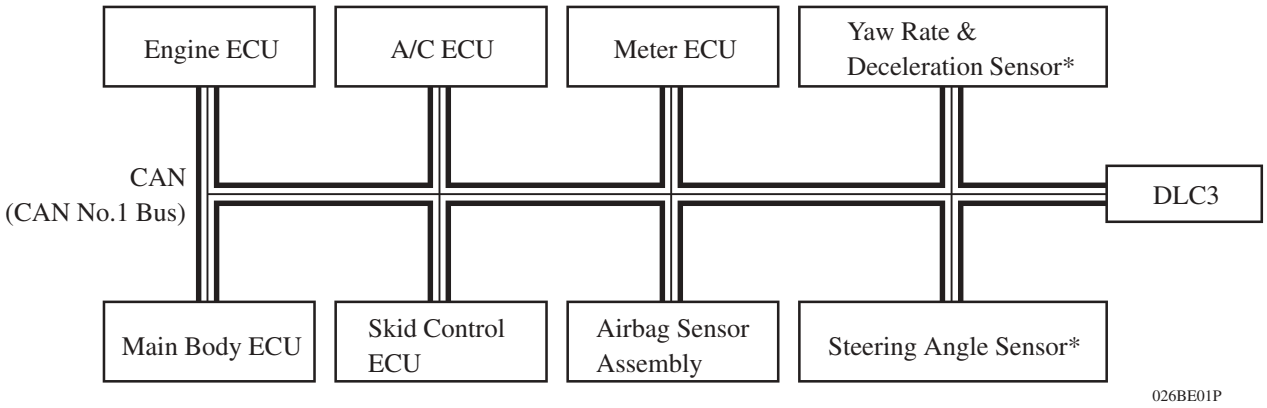
BODY ELECTRICAL

MULTIPLEX COMMUNICATION

■ DESCRIPTION

- The multiplex communication system of the new Camry uses the CAN (Controller Area Network) to achieve a streamlined wiring harness configuration.
- The CAN is used for the power train, chassis and body electrical system. Due to the introduction of the CAN system for the power train, chassis and body electrical systems, the BEAN (Body Electronics Area Network) that is used for the body electrical system on some conventional models is not used on this model.
- A customized body electronics system is used, enabling the control functions of the ECUs to be set using an intelligent tester II. For details, see page BE-9.

▶ System Diagram ◀



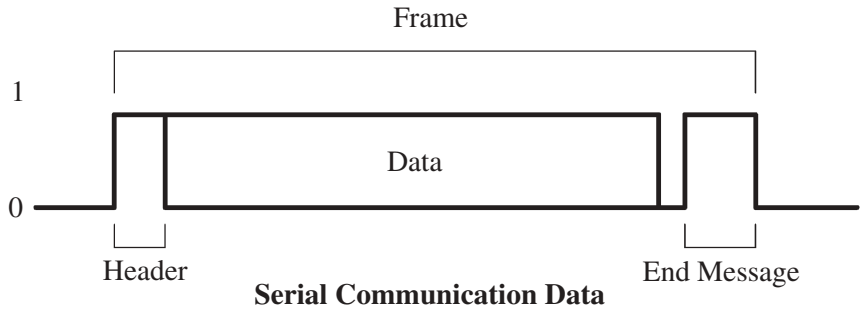
*: Only for models with brake control system (ABS with EBD, Brake Assist, TRC and VSC)

— REFERENCE —

MPX communication uses serial communication data that consists of bits and frames in order to exchange information among the various ECUs. This allows a reduction of the amount of wiring on the vehicle.

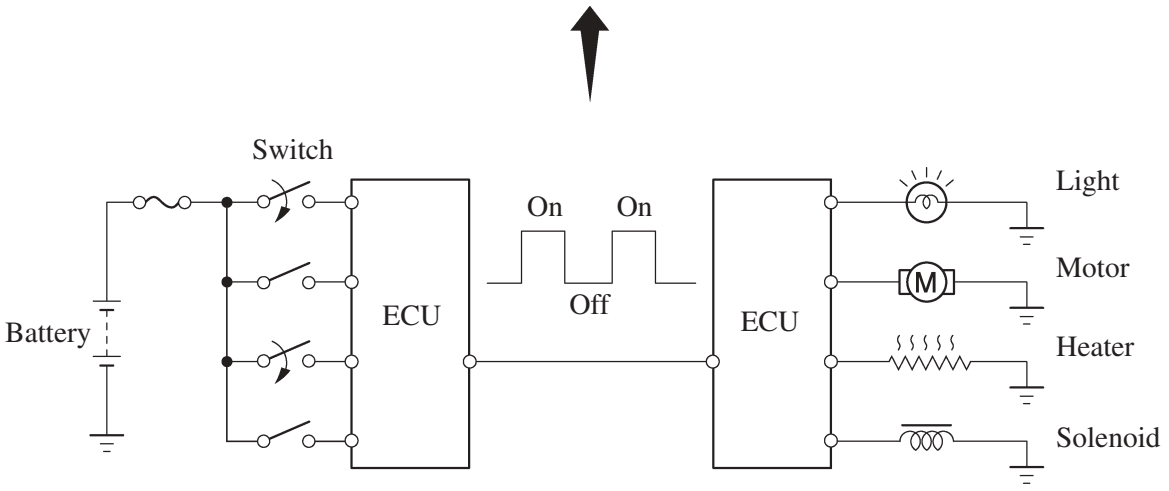
- *A bit is the basic unit of communication that is used to represent the information. A bit is represented by binary values of "0" or "1".*
- *A frame is a body of data that is transmitted together. A frame contains a header that indicates the beginning, and an end message that indicates the end.*

▶ Conceptual Drawing ◀



Serial Communication Data

240BE05



240BE03