## ■CAN

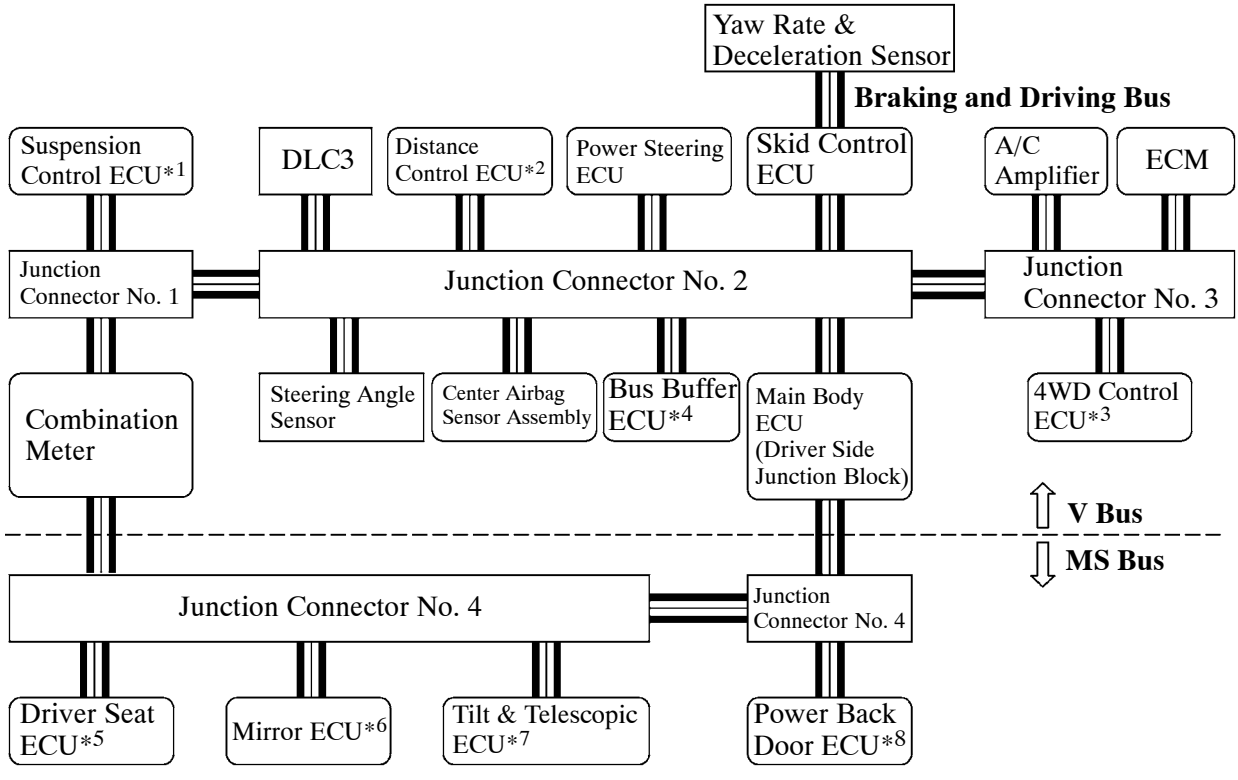
### 1. General

The CAN (Controller Area Network) uses two different CAN buses: V bus and braking and driving bus for high-speed communication (500 kbps) and MS bus for medium-speed communication (250 kbps).

- The CAN has terminating resistors of 120 Ω which are necessary for accurate judgment of communication on the main bus.
- The terminating resistors for the V bus are located in the ECM and the combination meter.
- The terminating resistors for the MS bus are located in the main body ECU and the combination meter.
- The combination meter is connected to MS bus only for the terminating resistor. The combination meter does not communicate using the MS bus.
- The main body ECU has a gateway function and is used to transmit data between the V bus and the MS bus.

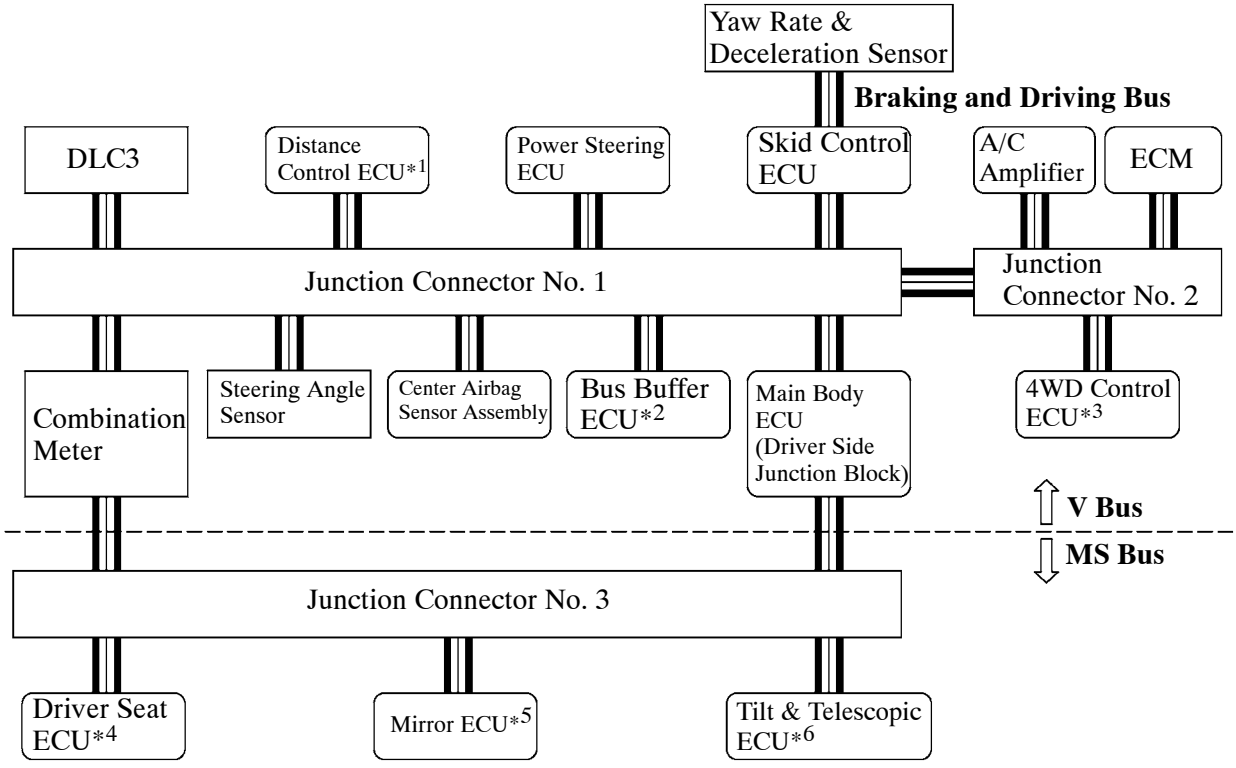
### 2. Wiring Diagram

**▶ Models with AHC and Power Back Door ◀**




*1: Models with Rear Air Suspension System
*2: Models with Dynamic Laser Cruise Control System
*3: 4WD Models
*4: Optional Equipment
*5: Models with Power Seat System
*6: Models with Memory System
*7: Models with Power Tilt and Telescopic Steering Column
*8: Models with Power Back Door System

**▶ Models without AHC and Power Back Door ◀**



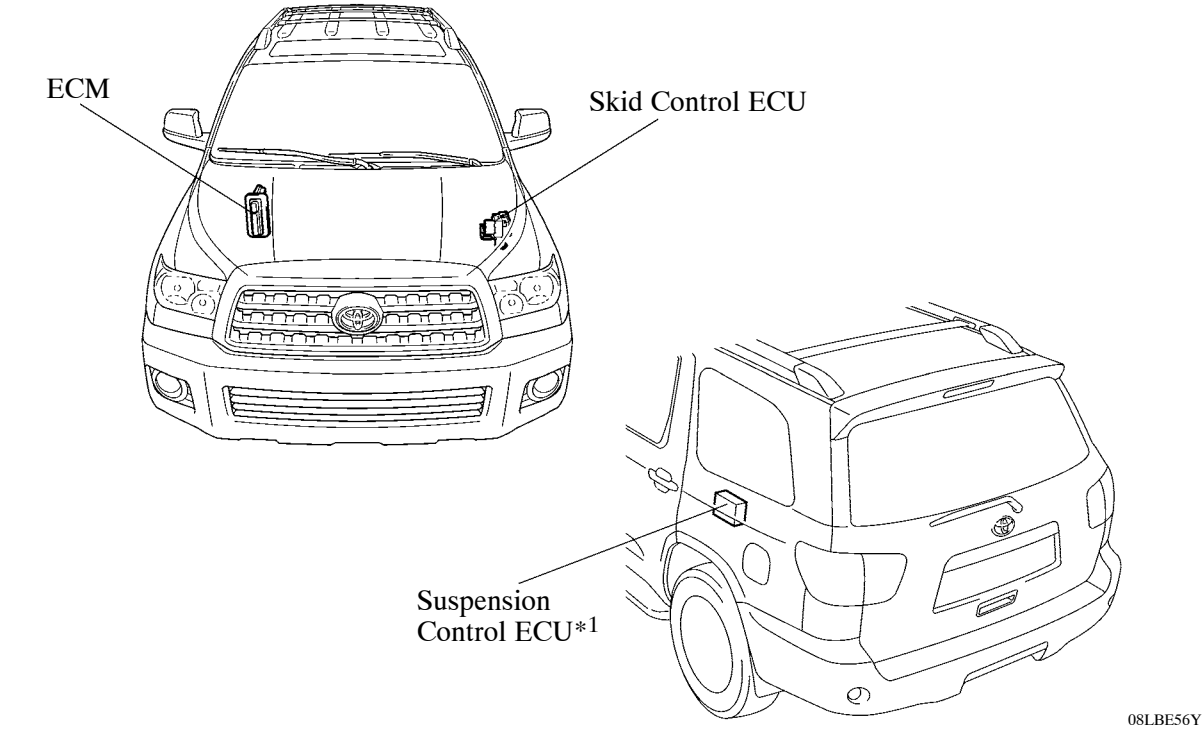

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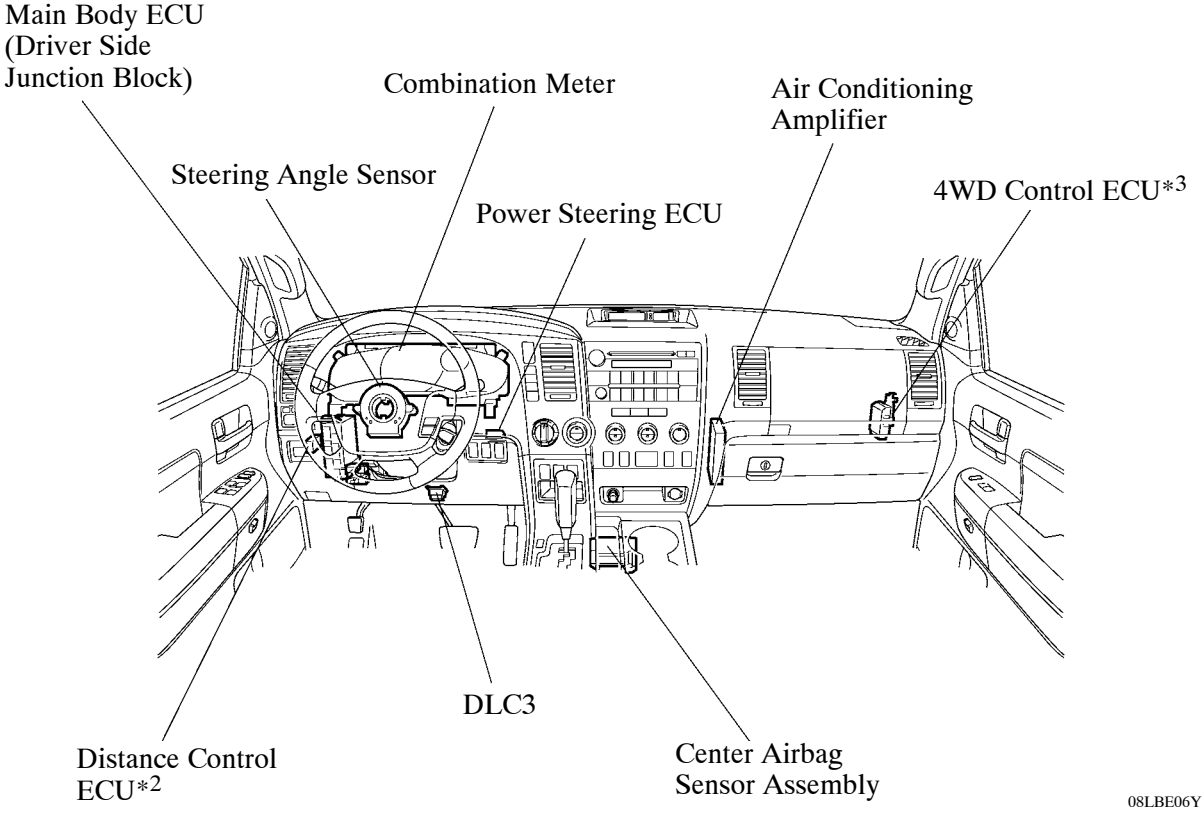
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*1: Models with Dynamic Laser Cruise Control System
*2: Optional Equipment
*3: 4WD Models
*4: Models with Power Seat System
*5: Models with Memory System
*6: Models with Power Tilt and Telescopic Steering Column

## 3. Layout of Main Components

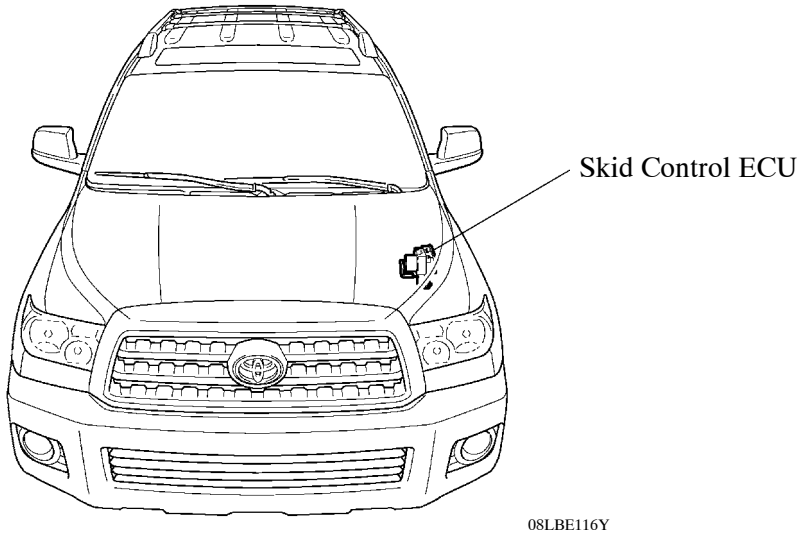
### V Bus

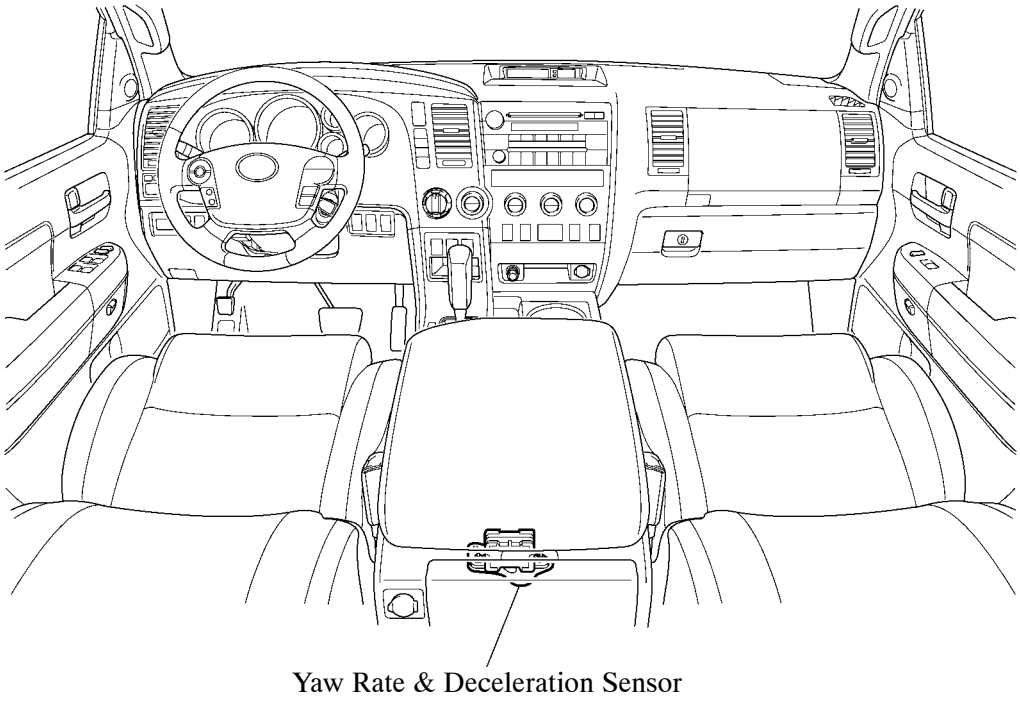


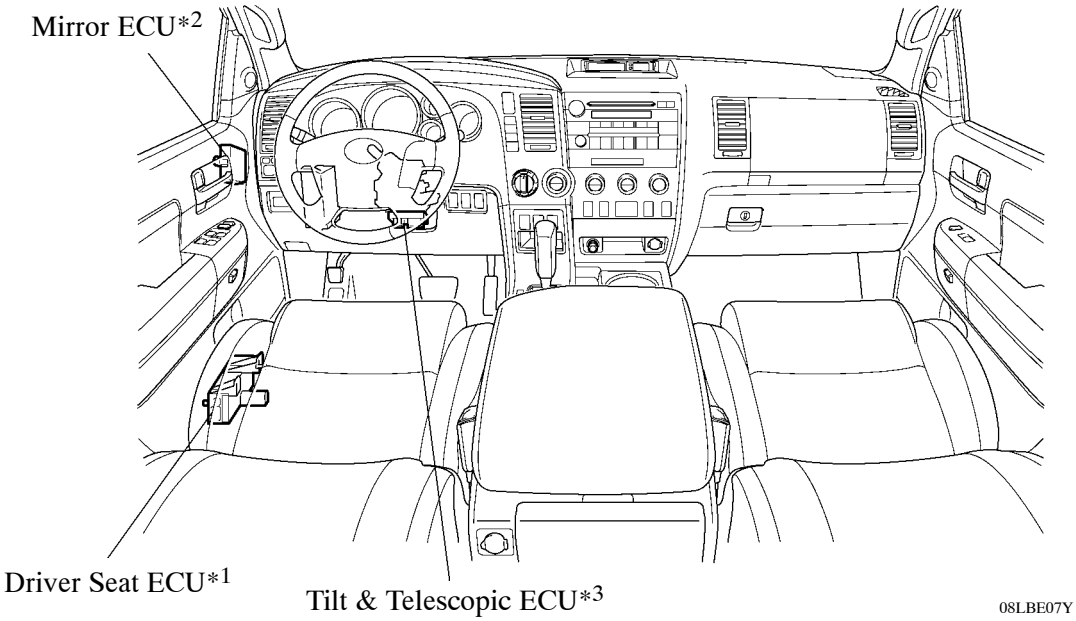

*1: Models with Rear Air Suspension System
*2: Models with Dynamic Laser Cruise Control System
*3: 4WD Models

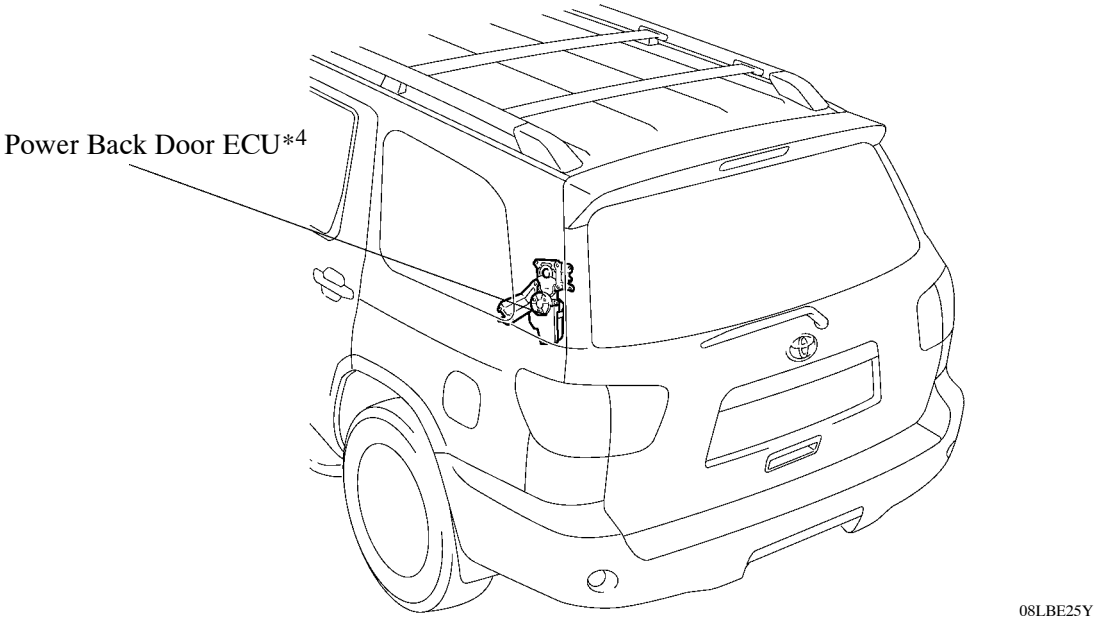
### Braking and Driving Bus



### MS Bus




*1: Models with Power Seat System
*2: Models with Memory System
*3: Models with Power Tilt and Telescopic Steering Column
*4: Models with Power Back Door System

## 4. Diagnosis

If a malfunction occurs on the CAN communication bus, ECUs that are connected to the CAN communication bus store the DTC (Diagnostic Trouble Code) in memory.

- The 5-digit DTCs can be read after connecting a Techstream to DLC3.
- DLC3 is equipped with a CAN-H terminal and a CAN-L terminal on the V bus to allow CAN diagnosis. It is possible to determine if there is an open or short circuit in the main wires of the V bus by measuring the resistance value between these terminals.

For details, see the 2008 Sequoia Repair Manual (Pub. No. RM08L0U).