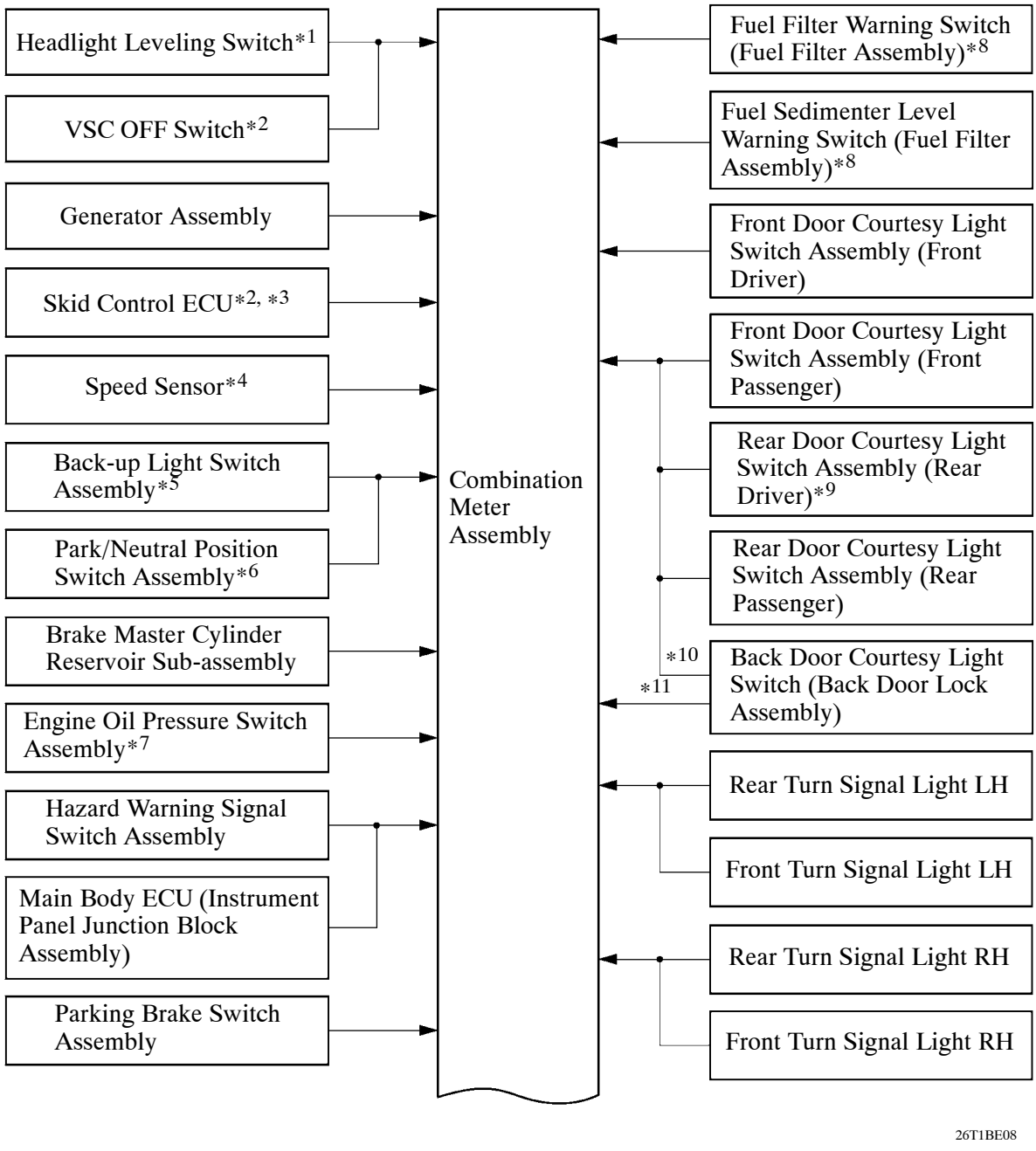
METER

■ COMBINATION METER

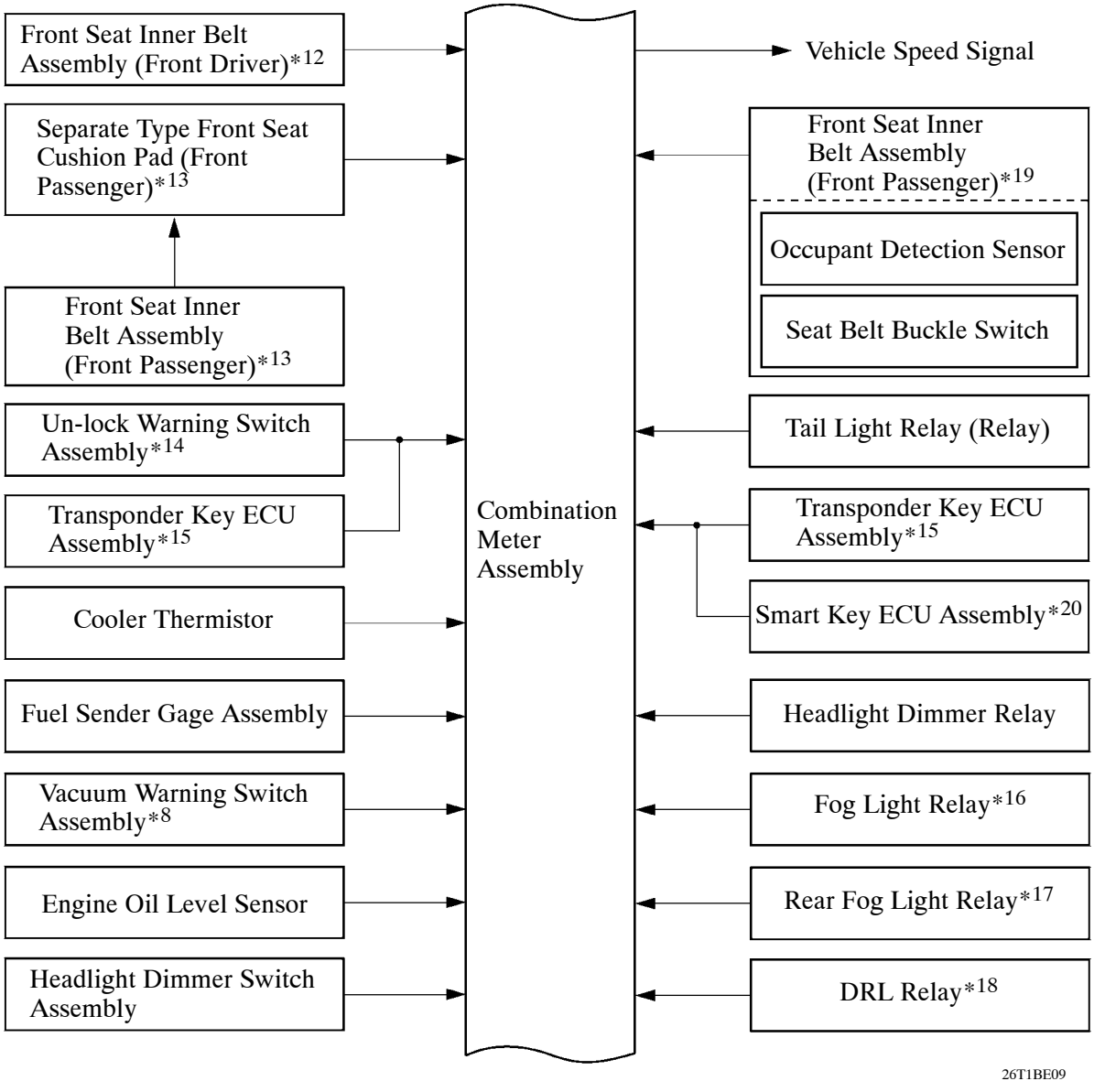
1. General

- A TRC OFF indicator light, VSC OFF indicator light, and slip indicator light have been added to the combination meter assembly of the models equipped with VSC.
- By connecting the skid control ECU and air bag sensor assembly to the CAN communication network, it has made it possible to send/receive necessary signals for the combination meter assembly through the CAN communication.

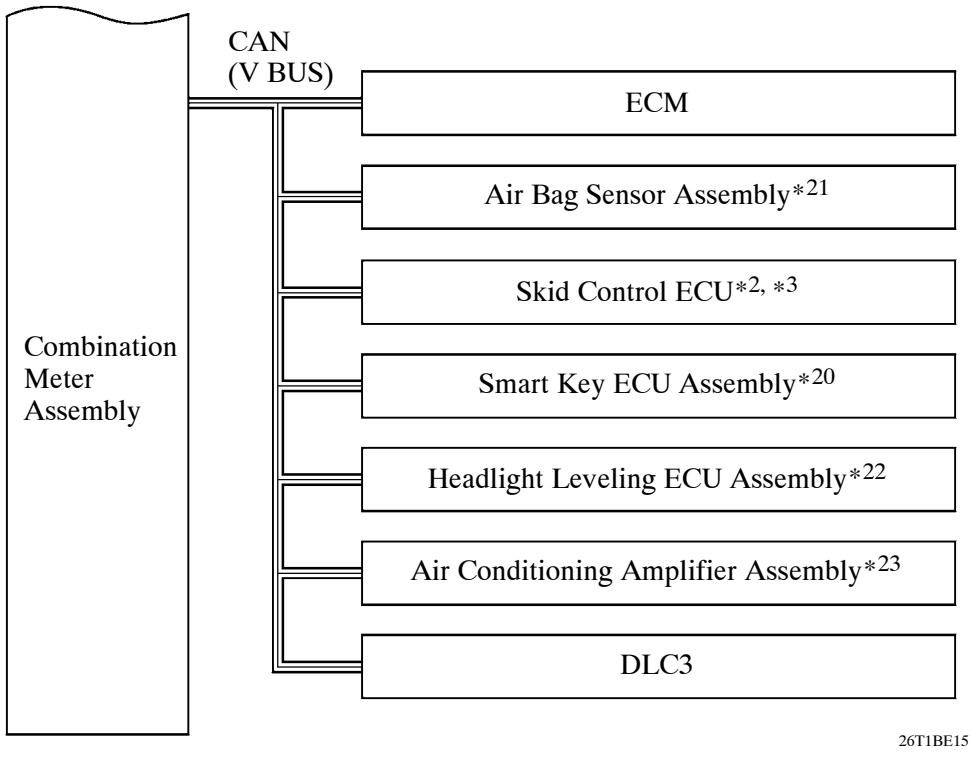
2. System Diagram



*1: Models with Manual Headlight Beam Level Control System
*2: Models with VSC
*3: Models with ABS
*4: Models with Speed Sensor
*5: Models with M/T
*6: Models with A/T
*7: Models with Gasoline Engine
*8: Models with Diesel Engine
*9: Models with Slide Door of Driver Side
*10: Models without Emergency Escape Door Buzzer
*11: Models with Emergency Escape Door Buzzer

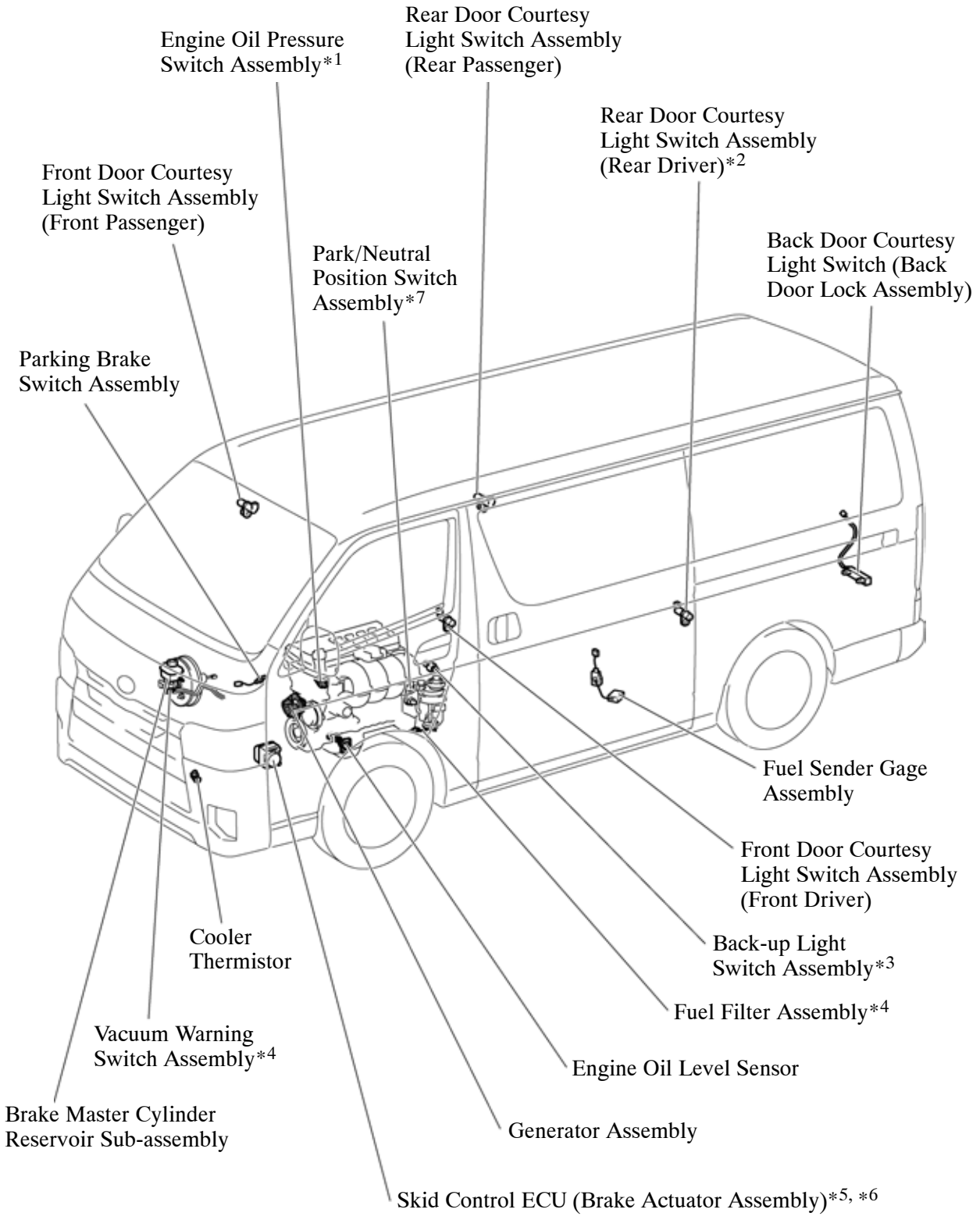


*12: Models with Seat Belt Reminder System for Front Driver
*13: Models with Seat Belt Reminder System for Front Passenger
(RHD Front 2-seater, RHD Front 3-seater with All Separate Seats)
*14: Models without Entry and Start System
*15: Models with Engine Immobiliser System without Entry and Start System
*16: Models with Fog Light Assembly
*17: Models with Rear Fog Light
*18: Models with Daytime Running Light System
*19: Models with Seat Belt Reminder System for Front Passenger (Except for *13)
*20: Models with Entry and Start System

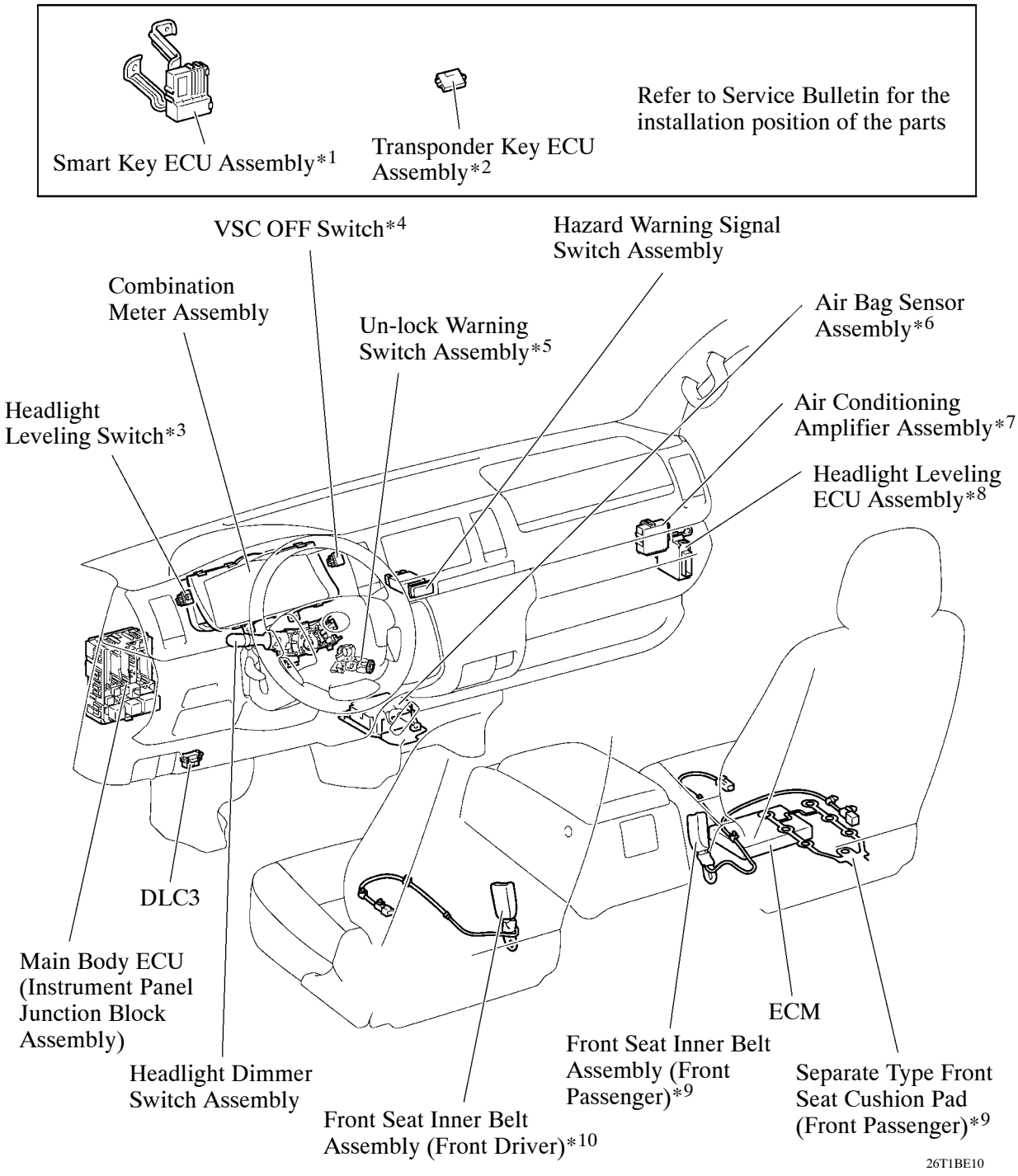


*21: Models with SRS Airbag System
*22: Models with LED Headlight Assembly
*23: Models with Air Conditioning System

3. Parts Location



*1: Models with Gasoline Engine
*2: Models with Slide Door of Driver Side
*3: Models with M/T
*4: Models with Diesel Engine
*5: Models with ABS
*6: Models with VSC
*7: Models with A/T



*1: Models with Entry and Start System
*2: Models with Engine Immobiliser System without Entry and Start System
*3: Models with Manual Headlight Beam Level Control System
*4: Models with VSC
*5: Models without Entry and Start System
*6: Models with SRS Airbag System
*7: Models with Air Conditioning System
*8: Models with LED Headlight Assembly
*9: Models with Seat Belt Reminder System for Front Passenger
*10: Models with Seat Belt Reminder System for Front Driver

4. Buzzer Function

A warning buzzer shown in the below table has been added to the buzzer function.

Function
● S-mode Operation Reject Warning* ● Brake Fluid Low Warning

*: Models with 6-speed automatic transmission

■ FUNCTION OF MAIN COMPONENT

▶ Signal of ECU ◀

ECU	Input Signal
ECM	● Engine speed signal ● Shift position signal*1 ● Current range position signal ● Fuel injection volume signal ● Engine coolant temperature signal ● Buzzer sounding request signal ● Warning light control signal ● Indicator light illumination request signal ● Warning message display request signal ● Eco-Zone indicator level signal ● Ecology light indicator signal ● Information message display request signal ● Diagnosis signal
Headlight Leveling ECU Assembly*2	● Indicator light illumination request signal
Smart Key ECU Assembly*3	● Warning message display request signal ● Information message display request signal ● Buzzer sounding request signal ● Engine immobiliser certification signal ● Emergency request signal
Air Conditioning Amplifier Assembly*4	● Outside temperature signal
Skid Control ECU*5, *6	● Vehicle speed sensor signal ● Warning light control signal ● Indicator light illumination request signal*6 ● Emergency brake signal operation signal*6 ● Diagnosis signal
Air Bag Sensor Assembly*7	● SRS warning signal ● Diagnosis signal

*1: Models with A/T
*2: Models with LED headlight assembly
*3: Models with entry and start system
*4: Models with air conditioning system
*5: Models with ABS
*6: Models with VSC
*7: Models with SRS airbag system