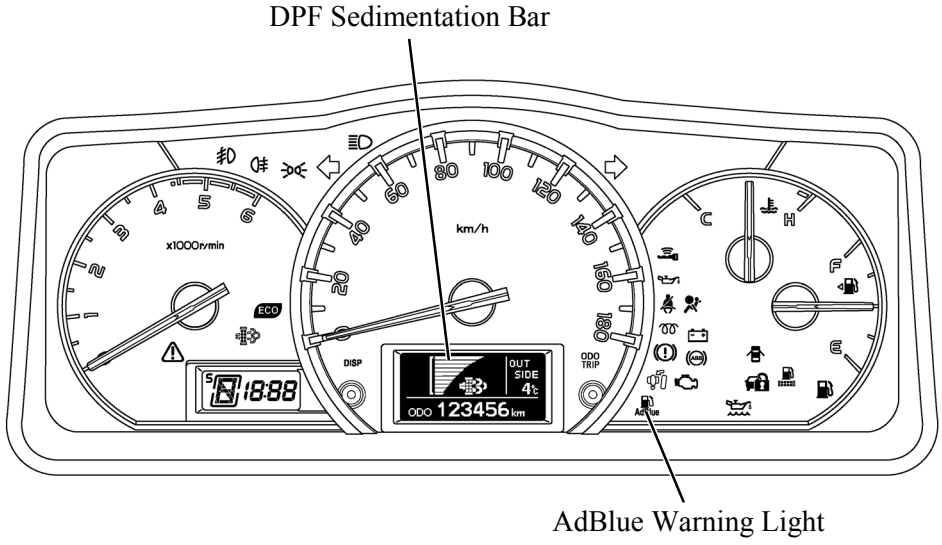
METER

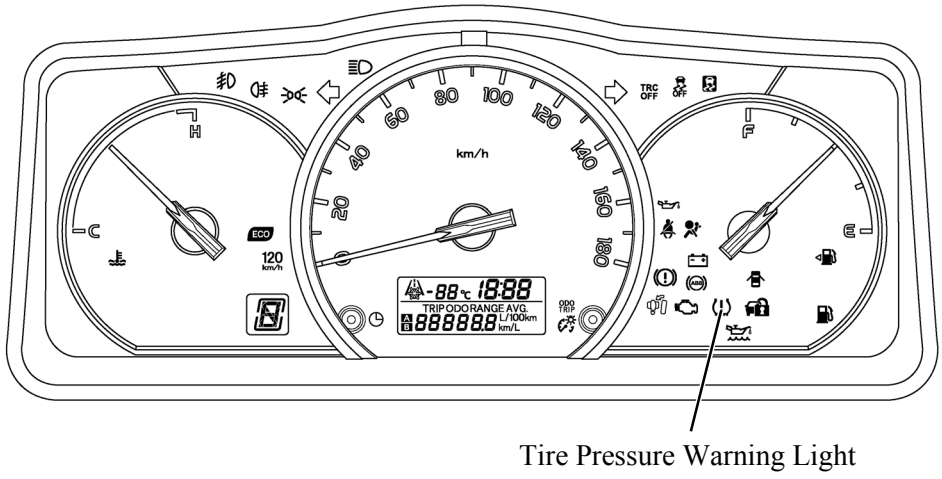
■ COMBINATION METER

1. General

- Due to the addition of the 1GD-FTV engine to the Hong Kong package model, an optitron display type combination meter assembly for vehicles equipped with the 1GD-FTV engine was provided.
- An AdBlue warning light was added to the combination meter assembly for vehicles equipped with the 1GD-FTV engine. Furthermore, a DPF sedimentation bar was added to the multi-information display, and a warning display and advisory display related to the UREA SCR system and DPF system were provided for the multi-information display.
- Due to the provision of a tire pressure warning system for some G.C.C. country models, an analog display type combination meter assembly with an added tire pressure warning light was provided.



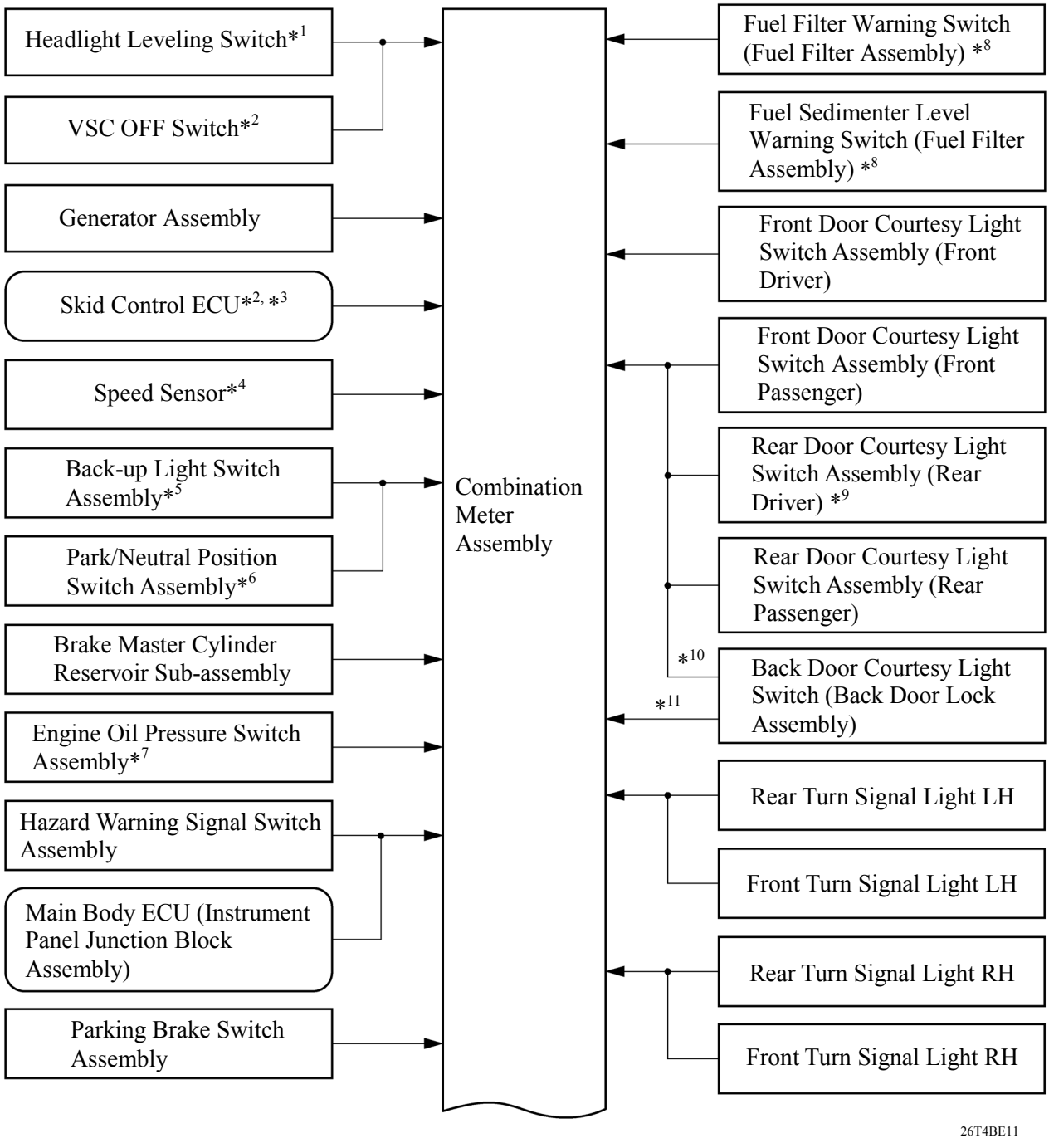
Optitron Display Type Combination Meter Assembly for 1GD-FTV Engine



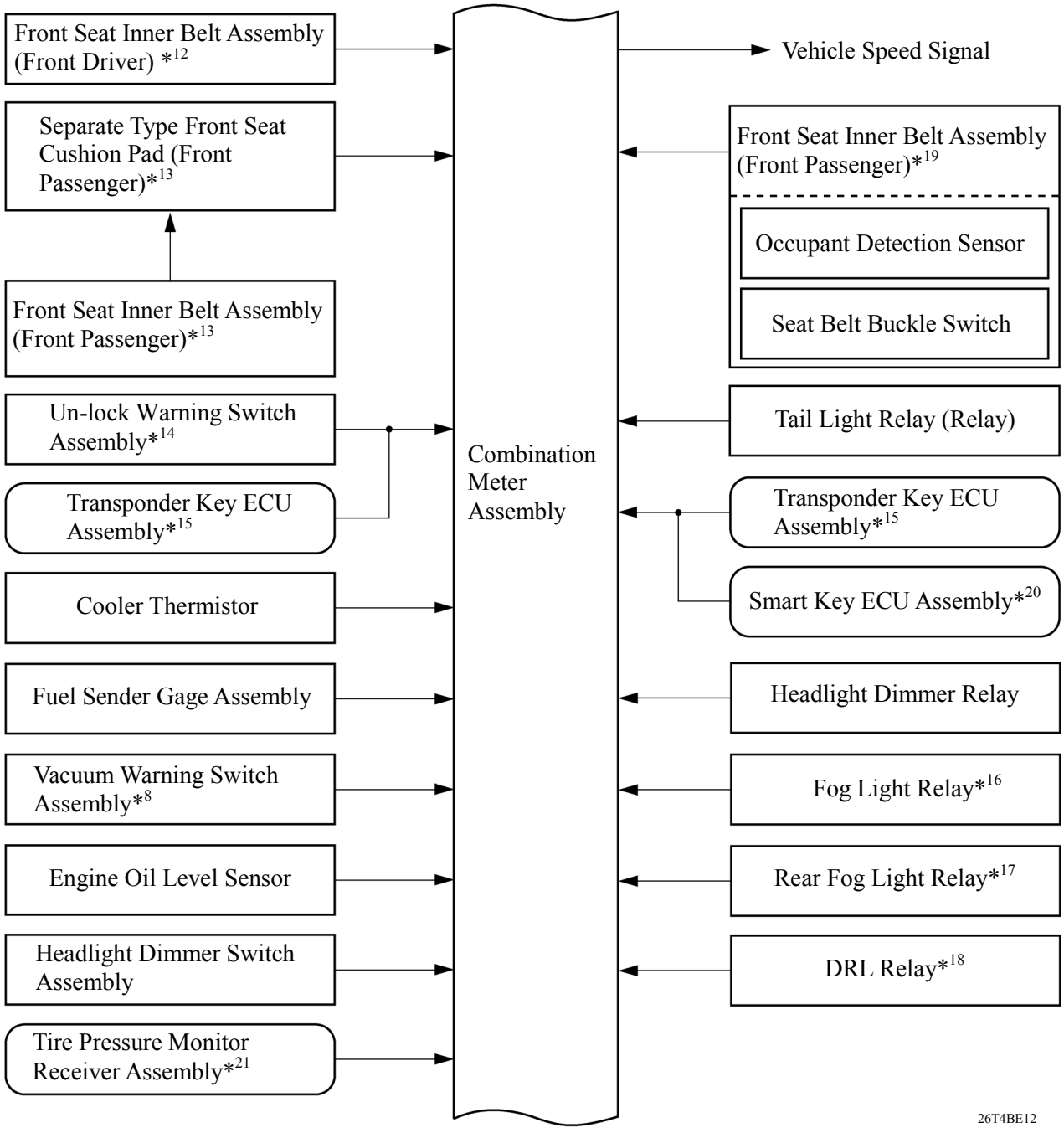
Analog Display Type Combination Meter Assembly with Tire Pressure Warning System

HINT:
The diagrams shown above are describing the new car features. They may differ from the actual design. If the LED's malfunction, the entire combination meter assembly must be replaced. For details, refer to the Repair Manual.

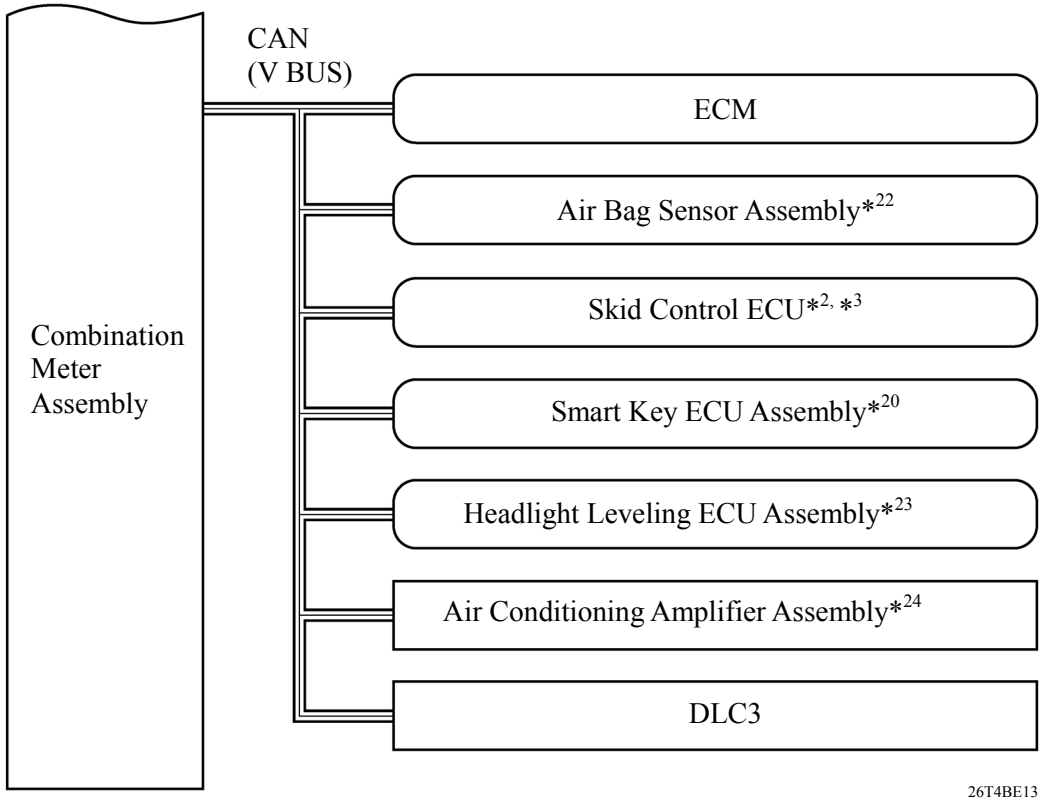
2. System Diagram



*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

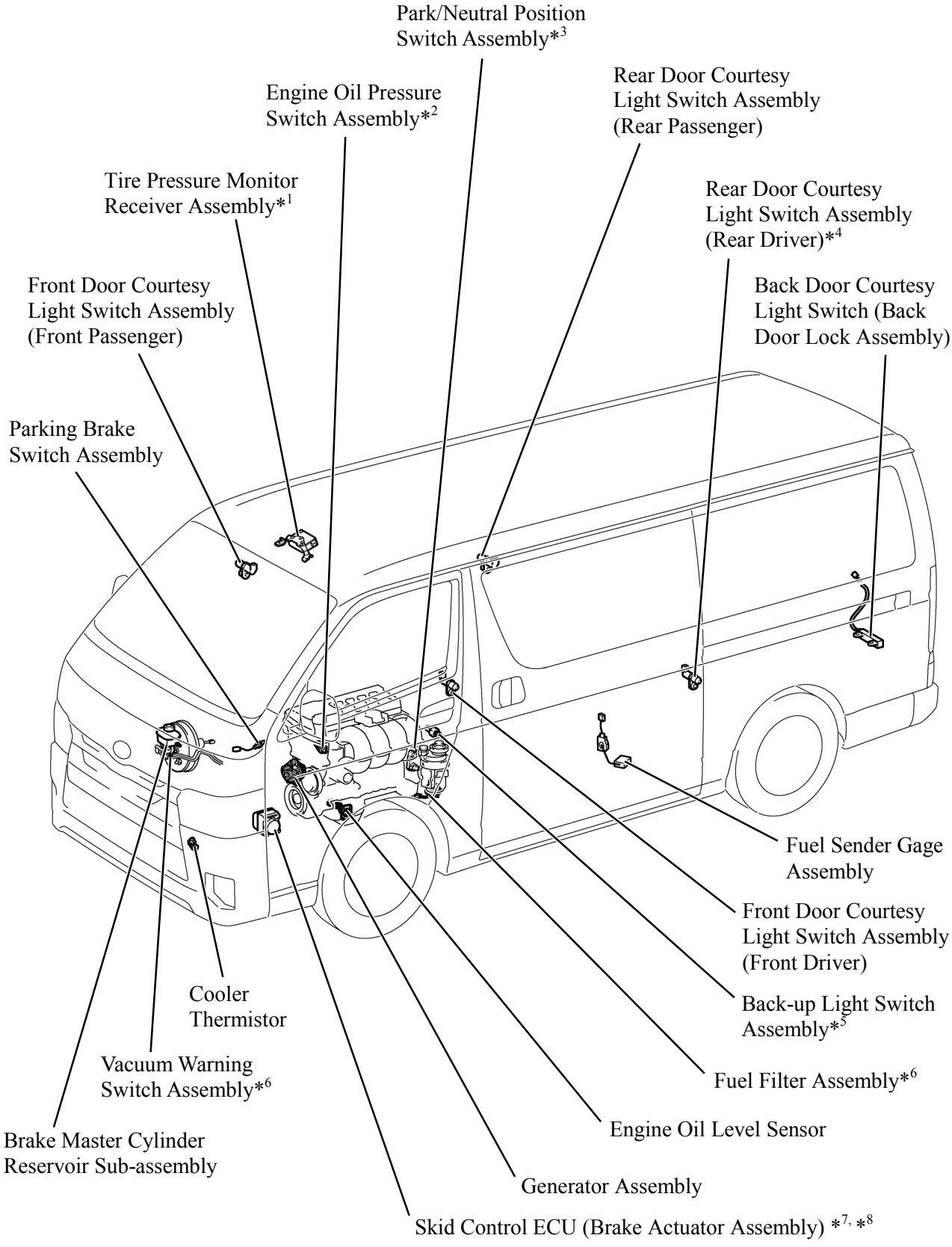


*12: Models with Seat Belt Reminder System for Front Driver
*13: Models with Seat Belt Reminder System for Front Passenger
(RHD Front 2-seater, RHD Front 3-seater with All Separate Seats)
*14: Models without Entry and Start System
*15: Models with Engine Immobiliser System without Entry and Start System
*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 Tire Pressure Warning System



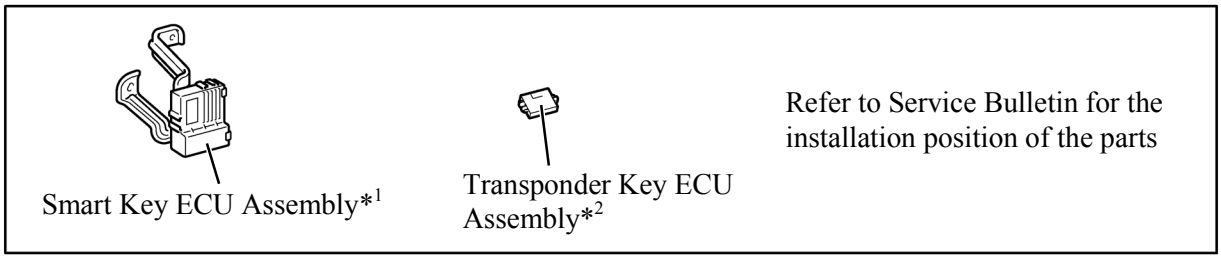
*22: Models with SRS Airbag System
*23: Models with LED Headlight Assembly
*24: Models with Air Conditioning System

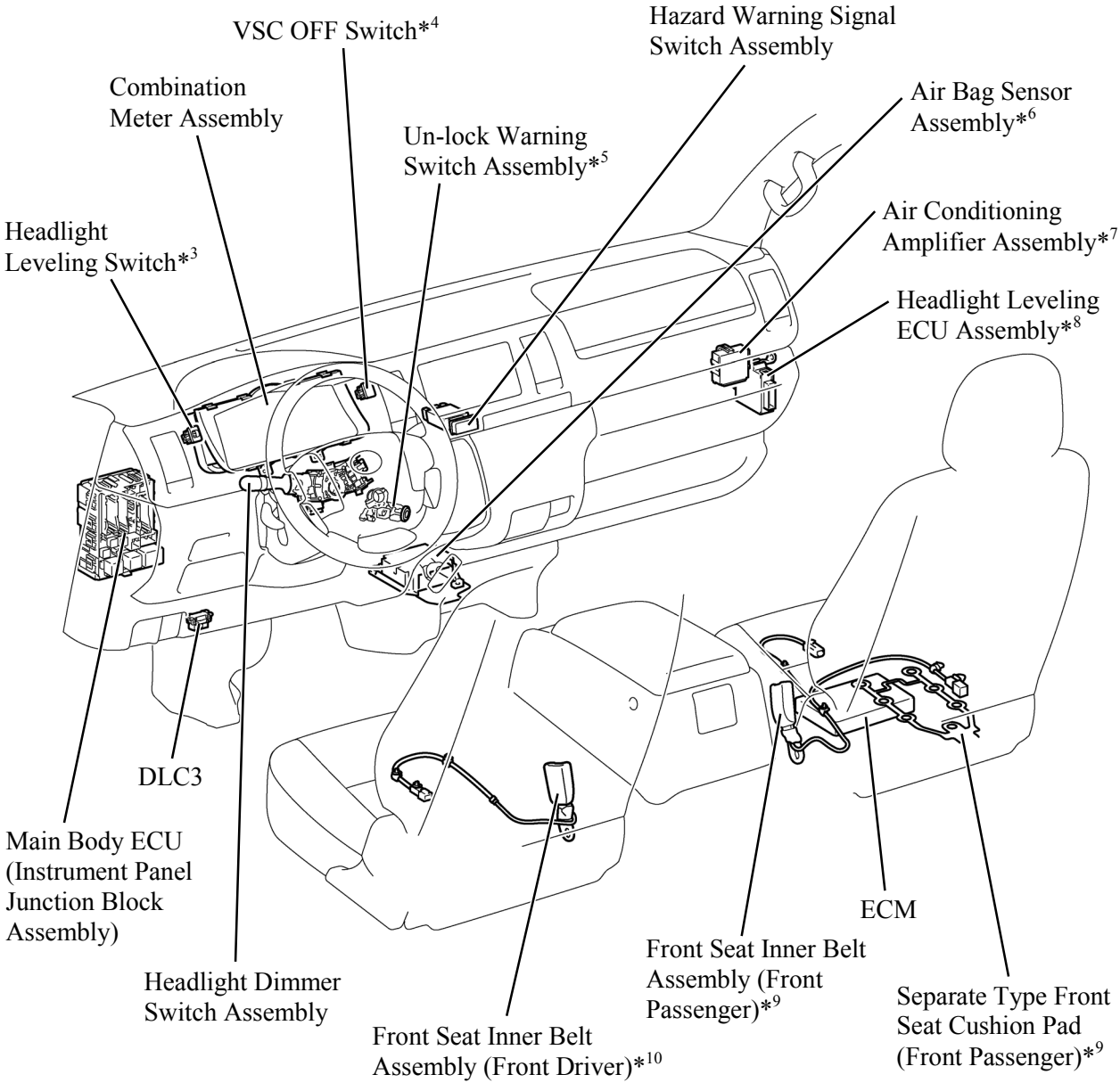
3. Parts Location



26T4BE14

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



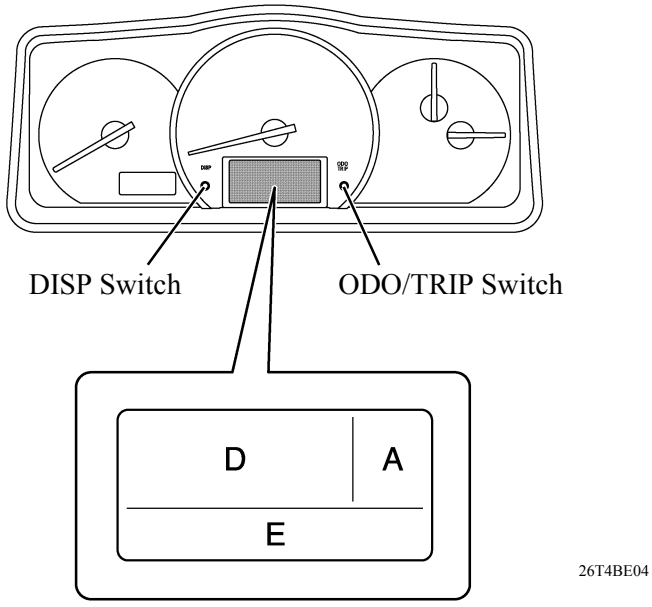


*1: Models with Entry and Start System
*2: Models with Engine Immobiliser System without Entry and Start System
*3: Models with Manual Headlight Beam Level Control System
*4: Models with VSC
*5: Models without Entry and Start System
*6: Models with SRS Airbag System
*7: Models with Air Conditioning System
*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. Multi-information Display

- A DPF sedimentation bar display was added to vehicles equipped with the 1GD-FTV engine. The DPF sedimentation bar display is displayed in display area D through operation of the DISP switch.

► Displayed Areas ◄



Dot LCD Type Multi-information Display

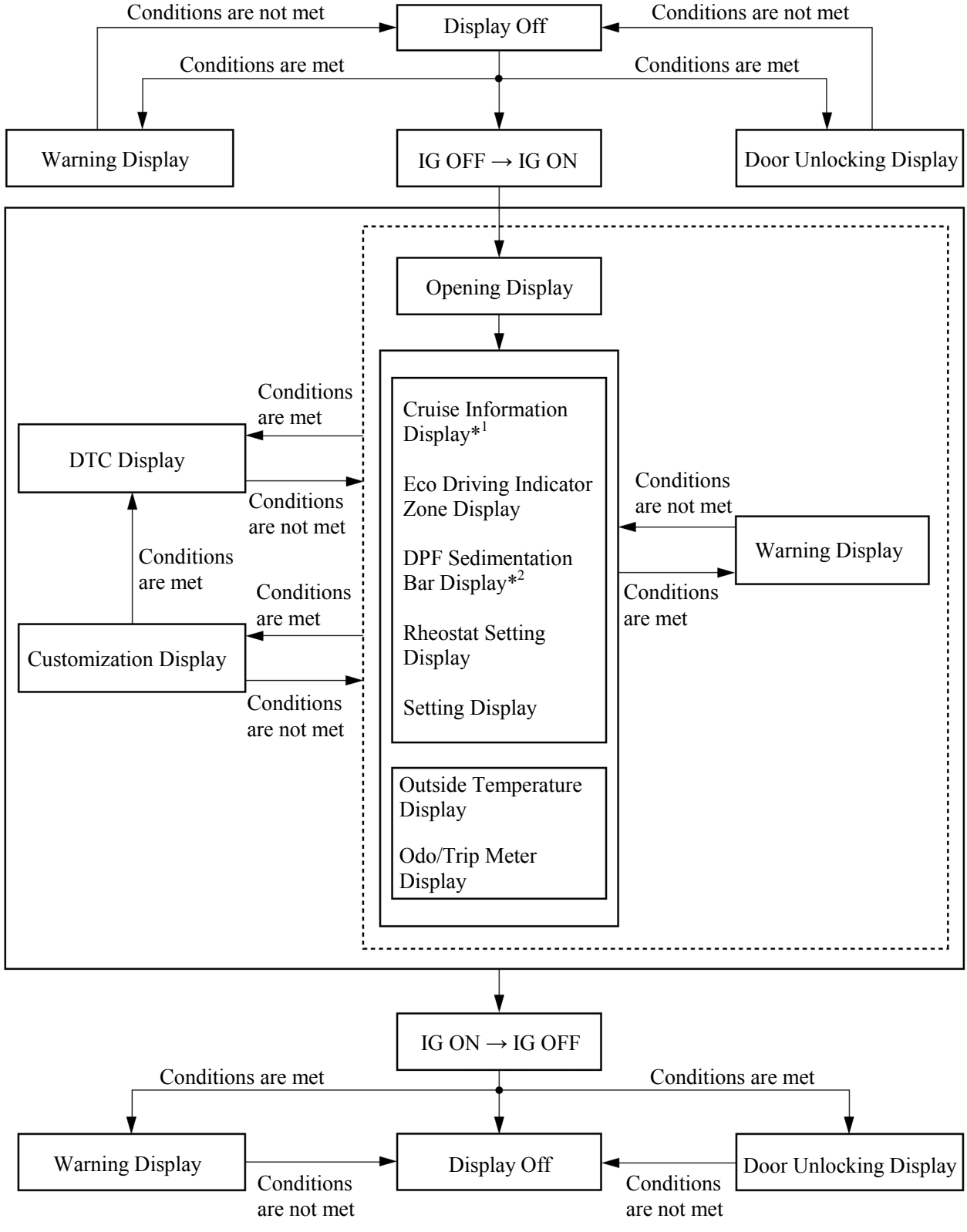
► Displayed Information ◄

A display item of the table at the bottom of display area D of the multi-information display was added.

Display Areas	Display Item	Display	Outline
D	DPF Sedimentation Bar Display*	Dot LCD Type  26T4BE05	The amount of PM (particulate matter) deposited in the DPF catalyst is displayed using a bar graph.

*: Models with 1GD-FTV Engine

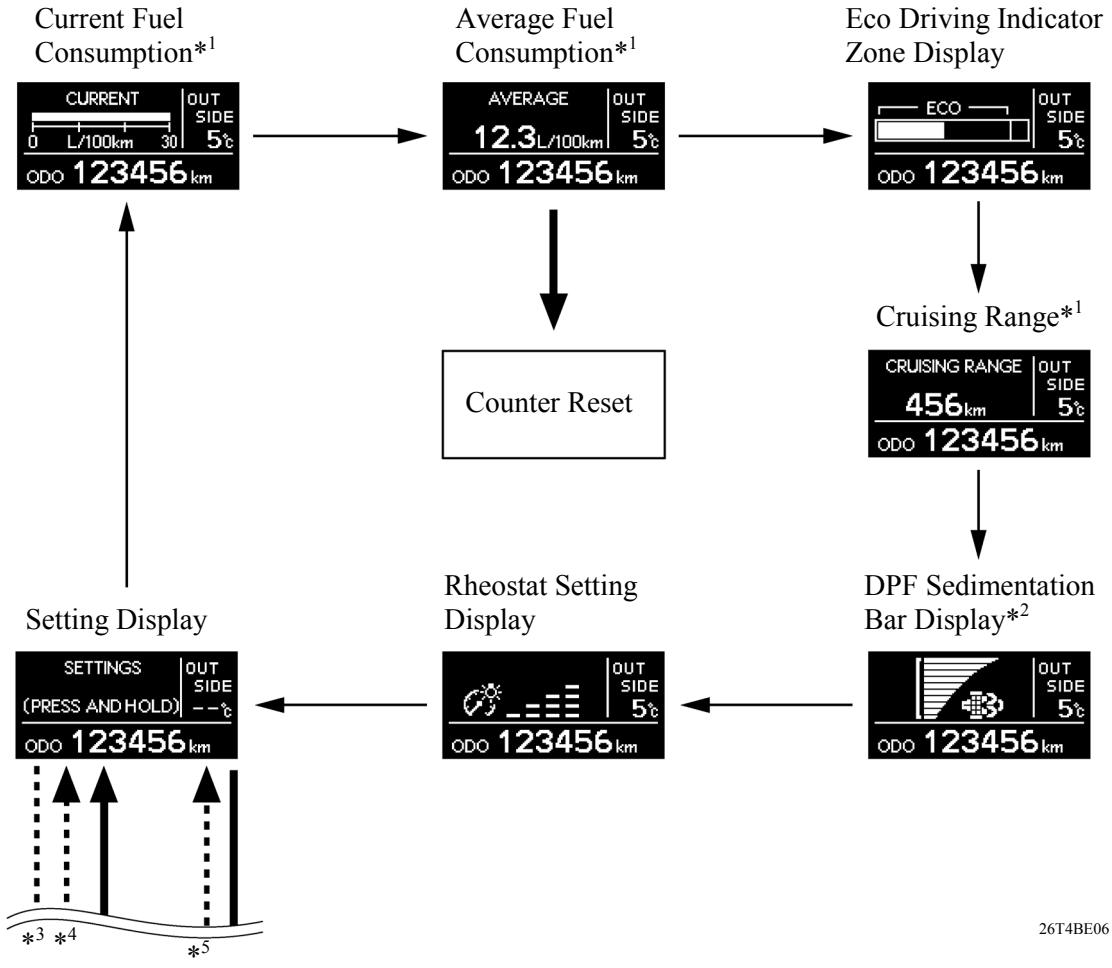
Flow of Dot LCD Type Multi-information Display Indication

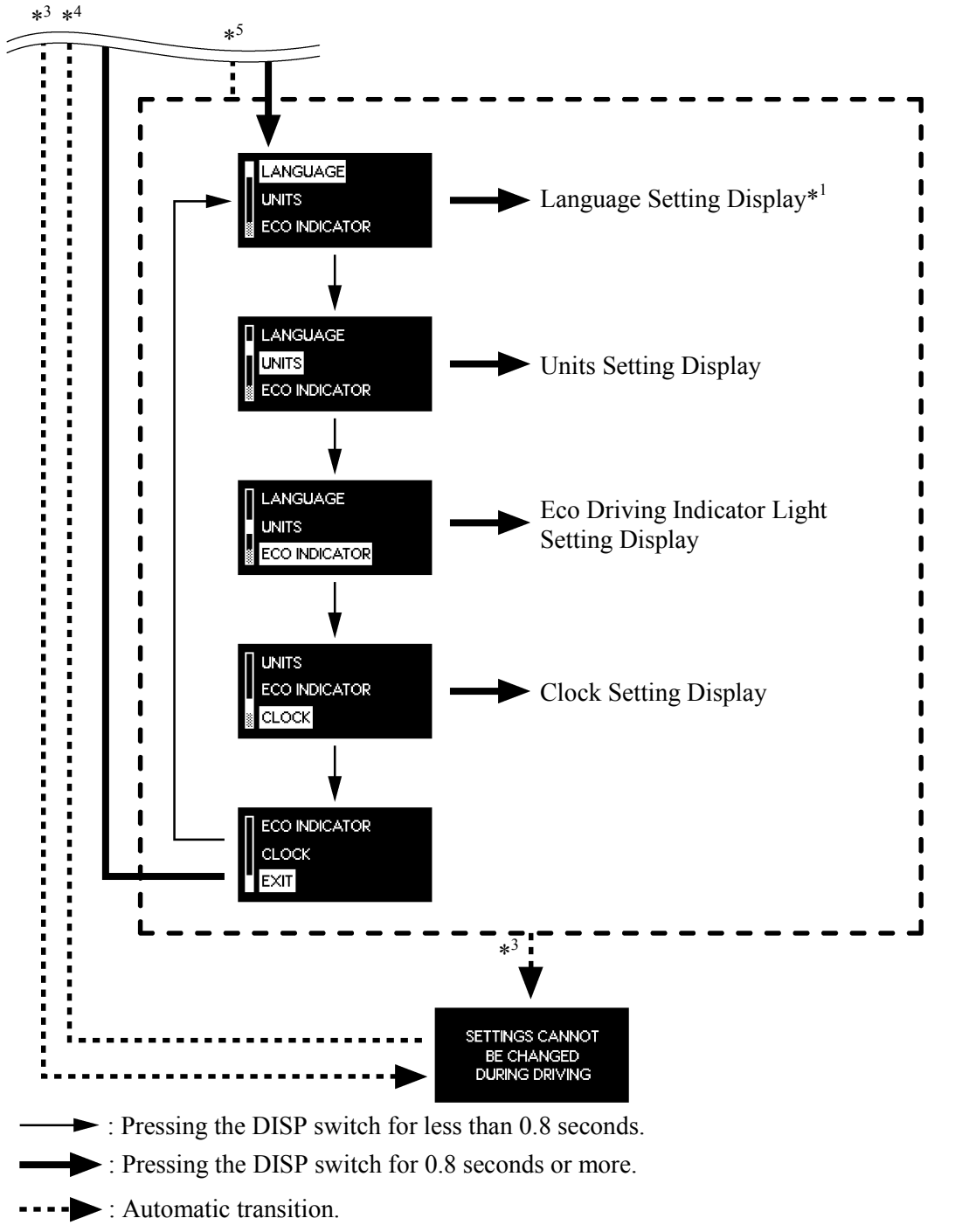


*1: Only Some Models
*2: Models with 1GD-FTV Engine

5. Dot LCD Type Multi-information Display Flowchart

Due to the addition of the 1GD-FTV engine, a DPF sedimentation bar display was added.





04Z8BE12D

*1: Only Some Models
*2: Models with 1GD-FTV Engine
*3: When vehicle speed is approximately 8 km/h or more.
*4: When vehicle speed is approximately 1.75 km/h or less.
*5: When there is not operation for 10.0 seconds.

6. Warning Display of Dot LCD Type Multi-information Display

- Due to the addition of the 1GD-FTV engine, a warning display and advisory display related to the UREA SCR system and DPF system were added.
- The warning display and the advisory display interrupt the display in the multi-information display if the display conditions are met.

Priority	Display	Master Warning Light	Buzzer	Provide
1	HOLDING IN ENGINE SWITCH WILL CAUSE AN EMERGENCY ENGINE STOP.	Blinks	Sounds	Models with Entry and Start System
	TO RESTART CAR, SHIFT LEVER TO N AND PRESS ENGINE SWITCH.	Blinks	Sounds	Models with Entry and Start System
	THE ENGINE HAS STOPPED. PLEASE PUT SHIFT LEVER INTO P.	Blinks	Sounds	All Models
	THE ENGINE HAS STOPPED. PLEASE STOP YOUR CAR IN A SAFE PLACE.	Blinks	Sounds	All Models
	TO RESTART CAR, SHIFT LEVER TO N AND TURN KEY.	Blinks	Sounds	All Models
	AdBlue EMPTY UNABLE TO RESTART ENGINE FILL UP AdBlue	Illuminates	Sounds	Models with 1GD-FTV Engine
	EMISSIONS TOO HIGH UNABLE TO RESTART ENGINE CHECK AdBlue VISIT YOUR DEALER	Illuminates	Sounds	Models with 1GD-FTV Engine
	AdBlue LEVEL LOW NO START IN 800km! FILL UP AdBlue	Illuminates	Sounds	Models with 1GD-FTV Engine
	EMISSION TOO HIGH NO START IN 800km! CHECK AdBlue VISIT YOUR DEALER	Illuminates	Sounds	Models with 1GD-FTV Engine
	AdBlue LEVEL LOW FILL UP AdBlue IN 2400km SEE OWNER'S MANUAL	Illuminates	Sounds	Models with 1GD-FTV Engine
	EMISSIONS TOO HIGH CHECK AdBlue VISIT YOUR DEALER	Illuminates	Sounds	Models with 1GD-FTV Engine
	AdBlue LEVEL LOW FILL UP AdBlue IN 2400km SEE OWNER'S MANUAL	-	-	Models with 1GD-FTV Engine

(Continued)

Priority	Display	Master Warning Light	Buzzer	Provide
2	AUTO POWER OFF TO CONSERVE BATTERY	-	-	All Models
3	SHIFT TO P POSITION WHEN PARKED	Blinks	Sounds	Models with Entry and Start System
4	RELEASE PARKING BRAKE	Blinks	Sounds	All Models
	KEY NOT DETECTED	-	Sounds	Models with Entry and Start System
5	CHECK ENTRY & START SYSTEM	-	Sounds	Models with Entry and Start System
	CHECK CRUISE CONTROL SYSTEM	Illuminates	Sounds	Models with Cruise Control System
	ENGINE OIL PRESSURE LOW	Illuminates	Sounds	All Models
6	TURN POWER OFF	Blinks	Sounds	Models with Entry and Start System
	KEY DETECTED IN VEHICLE	Blinks	Sounds	Models with Entry and Start System
	DEPRESS BRAKE PEDAL, TOUCH ENGINE SWITCH WITH KEY	-	Sounds	Models with Entry and Start System
	DEPRESS BRAKE PEDAL AND PUSH ENGINE SWITCH TO START	-	-	Models with Entry and Start System
	DEPRESS BRAKE PEDAL AND PUSH ENGINE SWITCH TO START	-	Sounds	Models with Entry and Start System
7	STEERING LOCK ACTIVE	-	Sounds	Models with Entry and Start System
	BRAKE OVERRIDE MALFUNCTION VISIT YOUR DEALER.	Illuminates	Sounds	All Models

(Continued)

Priority	Display	Master Warning Light	Buzzer	Provide
8	KEY BATTERY LOW	-	Sounds	Models with Entry and Start System
	DRAIN WATER FROM FUEL FILTER	Illuminates	Sounds	Models with Diesel Engine
	ENGINE OIL LOW	Illuminates	Sounds	All Models
	CHECK HEADLIGHT SYSTEM	Illuminates	Sounds	Models with LED Headlight Assembly
	DPF FULL ENGINE SERVICE REQUIRED	Illuminates	-	Models with 1GD-FTV Engine
	ACCELERATOR AND BRAKE PEDALS DEPRESSED SIMULTANEOUSLY.	Blinks	-	All Models
9	T-BELT MAINTENANCE REQUIRED	-	-	Models with 5L-E, 1KD-FTV or 2KD-FTV Engine
	DEPRESS BRAKE PEDAL AND PUSH ENGINE SWITCH TO START	-	-	Models with Entry and Start System
	DPF FULL SEE OWNER'S MANUAL	-	-	Models with 1GD-FTV Engine
	DPF MANUAL REGENERATION IN PROCESS	-	-	Models with 1GD-FTV Engine