SEAT BELT WARNING SYSTEM

■ DESCRIPTION

- The new Hilux uses a seat belt warning system. If the seat belt is not buckled, the seat belt warning light flashes and the buzzer sounds.
- When the ignition switch is turned ON, this system determines whether or not the seat belt is buckled depending on whether the signal from the switch in the seat belt buckle is on or off.
- The occupant detection sensor provided in the seat cushion of the front passenger seat determines whether or not an occupant is seated in the front passenger seat.
- On the models for Australia and Europe, the buzzer sounds when the vehicle speed exceeds 15 km/h (9.3 mph) to alert the driver that the driver seat belt is unbuckled. After 30 seconds, the seat reminder system emphasizes the alert by changing the cycle of the buzzer for 90 seconds.
- On the models for G.C.C. countries, when the driver seat belt is unbuckled, the buzzer sounds for approximately 6 seconds, 1.8 seconds after the ignition switch is turned to ON.
- The specifications of this system vary by destination, as indicated in the table below.

Destination		Thailand		Indonesia			South Africa	
Grade		Deluxe	SR	Deluxe	Standard	SR	Deluxe	SR
Seat Belt Warning System	For Driver Seat	●	●	●	●	●	OP*2	—
	For Driver and Front Passenger Seat	OP*1	●*1/ OP*1	—	—	OP*1	OP*1	●

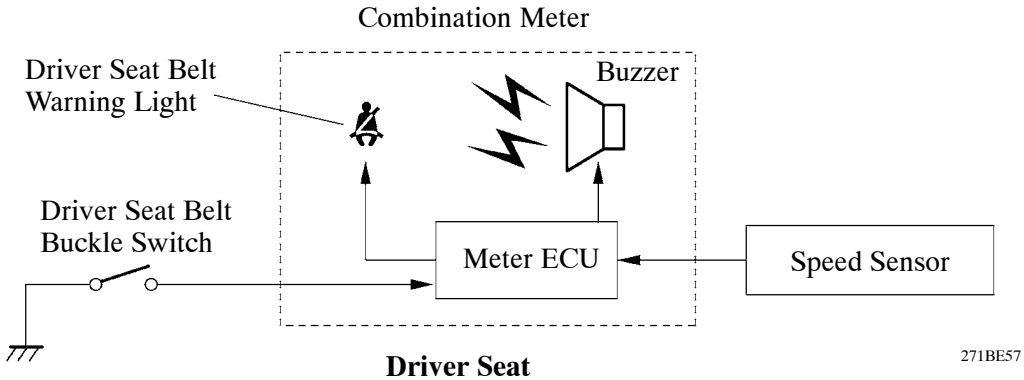
Destination		Australia		General Countries		Central and South America	
Grade		Deluxe	SR	Deluxe	SR	Deluxe	SR
Seat Belt Warning System	For Driver Seat	—	—	OP*2*3	—	OP*2	—
	For Driver and Front Passenger Seat	●	●	OP*1	●	OP*1	●
Buzzer for Driver Seat		Sounds		—		—	

Destination		G.C.C. Countries		Philippines		Europe	
Grade		Deluxe	SR	Deluxe	SR	Deluxe	SR
Seat Belt Warning System	For Driver Seat	●	●	●	●*3	●	●*3
	For Driver and Front Passenger Seat	OP*1	OP*1	—	●*1	OP*1	●*1/ OP*1
Buzzer for Driver Seat		Sounds		Sounds		Sounds	

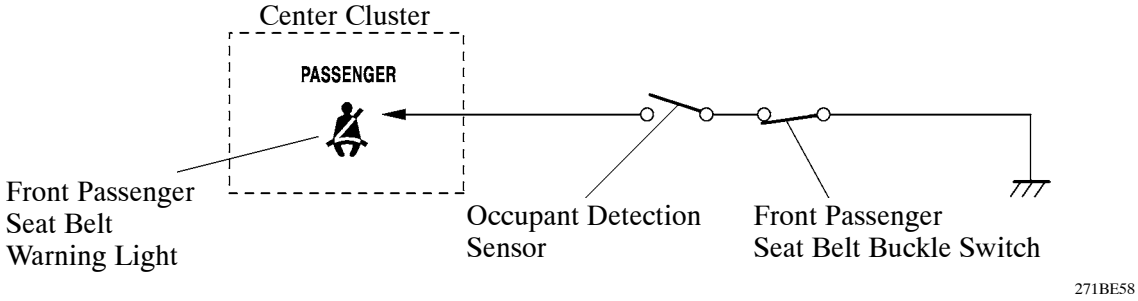
Destination		Malaysia		ANCOM		Pakistan
Grade		Deluxe	SR	Deluxe	SR	Deluxe
Seat Belt Warning System	For Driver Seat	●	—	OP*4	—	—
	For Driver and Front Passenger Seat	—	●	●*5	●	●*1

*1: Models with driver and front passenger SRS airbags
*2: Models with door lock control system without driver and front passenger SRS airbags
*3: Models with driver SRS airbag
*4: Models with door lock control system
*5: Models with automatic transmission

▶ System Diagram ◀



Driver Seat



Front Passenger Seat

■ OCCUPANT DETECTION SENSOR

The occupant detection sensor, which is enclosed in the seat cushion of the front passenger seat, is used to detect whether or not the front passenger seat is occupied.
This sensor, which is shaped as illustrated below, consists of a construction in which two sheets of electrodes sandwich a spacer. When the occupant is seated, the electrode sheets come in contact with each other through the hole that is provided in the spacer portion, thus enabling the current to flow.
In this way, the sensor detects whether or not an occupant is seated in the front passenger seat.

