TOYOTA PARKING ASSIST-SENSOR SYSTEM

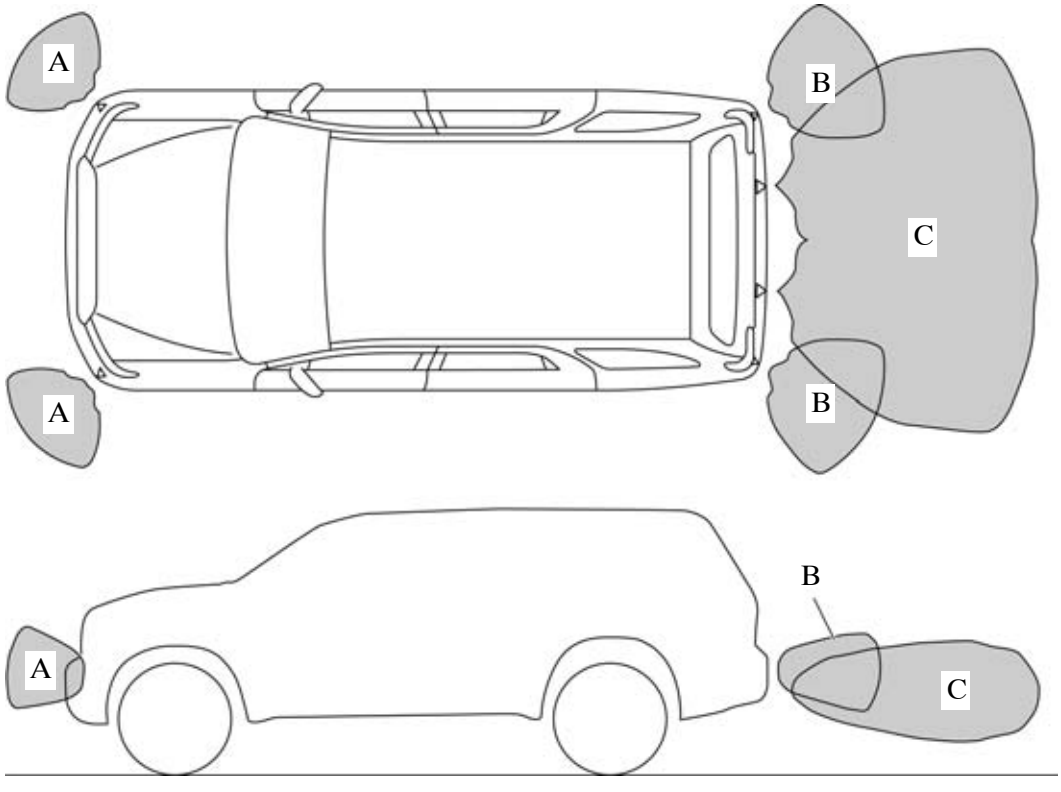
■ DESCRIPTION

- The obstacle detection range and shape of the ultrasonic sensor have been changed.
- The clearance sonar sensor is smaller and lighter as the sensor and bezel have been combined into one unit.

■ DETECTION AREA

The on and off times of the clearance warning buzzer assembly vary as shown in the table below, depending on the distance between the obstacle and the ultrasonic sensor:

—		Obstacle Distance [mm (in.)]			Off Time (ms)	On Time (ms)
Detection Area		A	B	C		
Ultrasonic Sensor		Front Corners	Rear Corners	Rear Centers		
Detection Level	1st	—	—	Approx. 1000 (39.4) to 1800 (70.9)	650 ± 65	150 ± 15
	2nd	Approx. 450 (17.7) to 600 (23.6)	Approx. 600 (23.6) to 850 (33.5)	Approx. 750 (29.5) to 1000 (39.4)	150 ± 15	150 ± 15
	3rd	Approx. 300 (11.8) to 450 (17.7)	Approx. 400 (15.7) to 600 (23.6)	Approx. 500 (19.7) to 750 (29.5)	75 ± 7.5	75 ± 7.5
	4th	Approx. 300 (11.8) or less	Approx. 400 (15.7) or less	Approx. 500 (19.7) or less	0	Continuous



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