■ HANDLING PRECAUTIONS

The detection function of this system may not operate properly in the following conditions:
- When ice, snow or mud gets on the sensors. If the material is removed, the system will work properly.
- When a sensor is frozen. If the sensor is no longer frozen, the system will work properly.
- When the sensor is covered with something. If the material is removed, the system will work properly.

NOTES:
Especially in cold weather, a malfunction warning may occur (the buzzer may sound) due to frozen sensors. If the malfunction warning occurs, be sure to check the sensors. If the malfunction warning occurs and there is no mud, ice or snow on the sensors, a sensor may be malfunctioning.

In the following conditions, the detection range may be affected:
- Foreign matter such as snow or mud get on the sensors.
- When the vehicle is operated under a scorching sun or in a freezing climate.

The system may improperly detect obstacles in the following conditions:
- When the vehicle is being driven on bumpy road, gravel road, or on grass.
- When the sound of horns from other vehicles, the sound of a motorcycle engine, the sound of the air brakes of a large truck, or an object that generates ultrasonic waves is in the vicinity.
- When there is a downpour, or water is splashing on the vehicle.
- When the vehicle posture tilts significantly.
- When an antenna for a wireless transmitter is mounted on the vehicle.
- When the sensors are covered with mud, ice, or snow.
- When the vehicle travels in the direction of a tall curb or square curb.
- When other vehicles with sonar are near.
- When a towing hitch is mounted on the vehicle.
- When the bumper is damaged.

There are cases in which the objects listed below cannot be detected:
- Thin objects such as wire or rope.
- Objects with surfaces that are too small to reflect ultrasonic waves such as wire gauze or fence.
- Objects that absorb sound waves such as cotton or snow.
- Objects that have sharp edges.
- Objects that are short.
- Objects that are tall and protrude at the top.

Others
- Objects directly underneath the bumpers cannot be detected. The detection of some objects that are located lower than the sensors, or thin stakes, may stop as the vehicle comes closer to these objects.
- An object might not be detected if the vehicle is too close.
- The sensors might not detect properly if they are exposed to strong shocks such as when being struck or having objects thrown at them.