CR-V

Backup Sensors User's Information

Contents

Thank you for purchasing this Honda accessory.

Please read this User's Information carefully before using the backup sensors, and keep this Information in the glove box for future reference.

This product is designed to be used exclusively on a Honda CR-V. Honda is not responsible if the unit is used for any other intended purpose.

This User's Information should be considered a permanent part of the vehicle. It should remain with the vehicle at all times and stay with the vehicle when sold.

This accessory should be installed only by a skilled technician who has the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. Installation should not be attempted by "do-it-yourselfers."

This User's Information contains important information about the safe operation of the backup sensors. We urge you to read this Information carefully, become familiar with the controls it describes, and follow its recommendations to help make your driving trouble-free and enjoyable.

Important Information

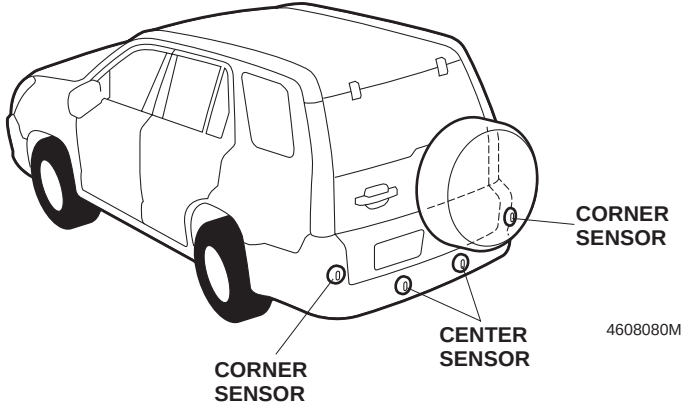
Before using the backup sensors, make sure you read and understand the operation and limitations of the system as discussed throughout this Information.

- The backup sensors are designed to provide an audible sound when they detect large stationary objects while the vehicle is moving in reverse at low speed. However, the system may not detect all objects depending on their size, shape, and location.
- Even with the backup sensors, the driver is still responsible for making sure the path is clear when driving in reverse.
- When installing a spare tire cover, use an original Honda product and install it correctly. When a product of another company is used or when the original Honda product is not installed correctly, an erroneous alarm may be caused.
- When the shift lever is moved to the reverse position while the tailgate is open, the open tailgate will be detected and an erroneous alarm will be caused.

Backup Sensors

The sensors are ready for operation when the shift lever is moved to the reverse position.

The sensors operate by emitting ultrasonic waves. They calculate the distance between the rear bumper and an obstacle by measuring the time the ultrasonic waves take to reach the sensor after being reflected by an obstacle.



How the Backup Sensors Work

The sensors are designed to emit an audible signal when the rear bumper or the spare tire approaches an obstacle.

Corner Sensors:

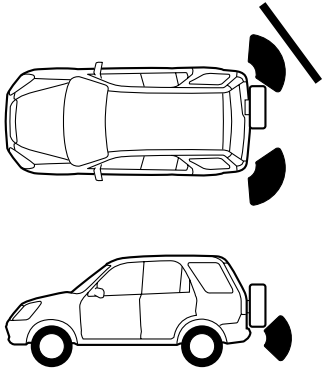
Sound	Corner Sensors Distance from bumper	Fill Pattern
Continuous beep	Within 2.0 ft (60 cm)	

Center Sensors:

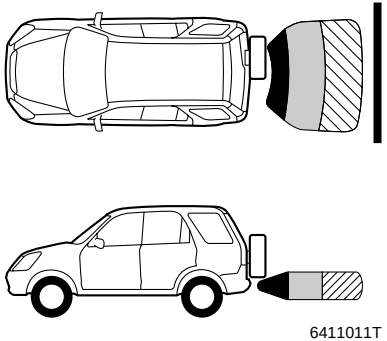
- The audible signal has three sounds:

Sound	Center Sensors Distance from bumper [Distance from spare tire]	Fill Pattern
Slow intermittent beeps	Within 5.9 ft (180 cm) [4.9 ft/150 cm]	
Quick intermittent beeps	Within 4.3 ft (130 cm) [3.3 ft/100 cm]	
Continuous beep	Within 2.6 ft (80 cm) [1.6 ft/50 cm]	

Corner Sensors:



Center Sensors:



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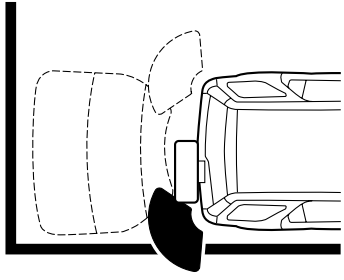
The sensors detect the closest rear obstacle.



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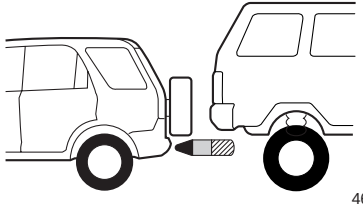
In this example, the corner sensor detects the side wall.

The sensors may not detect the rear bumper of tall vehicles.



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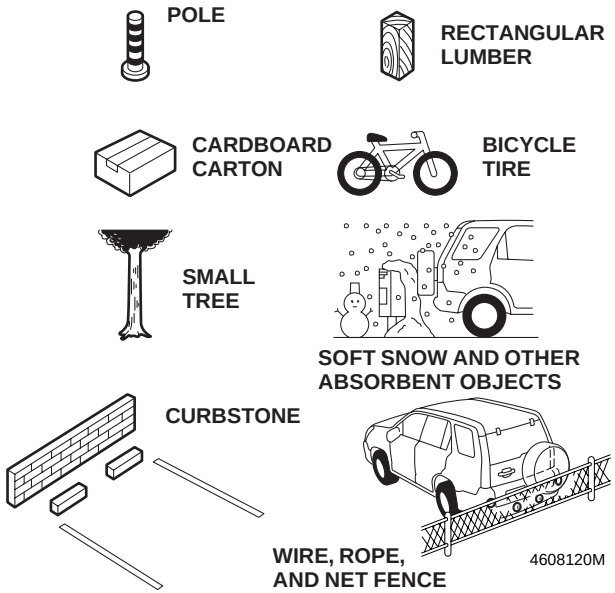
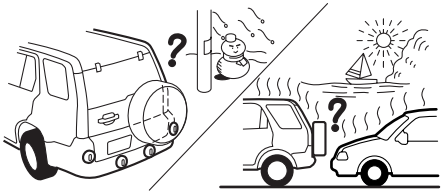
Limitations

The sensors may not work if the obstacle is an odd shape or made of material that does not reflect ultrasonic waves.

Examples:

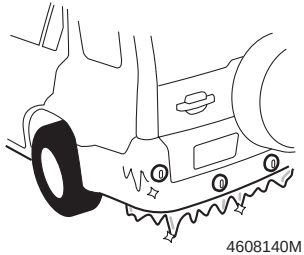


The sensors may not work if the ambient air temperature is below -4°F (-20°C) or above 122°F (50°C).



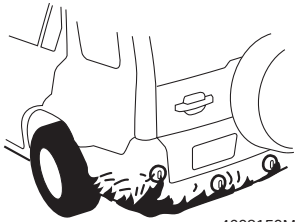
The audible signal may sound a warning even if there is no obstacle behind the vehicle:

- Water frozen on the sensor



The audible signal may sound warning even if there is no obstacle behind the vehicle:

- Sensors clogged with snow, dirt or mud



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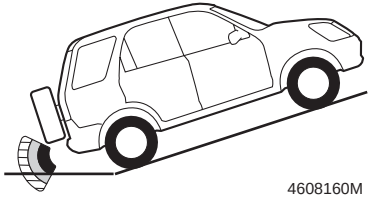
The sensors may sound continuously under the following conditions:

- When driving on rough surfaces or gravel roads or in grass, or when stopped on a hill



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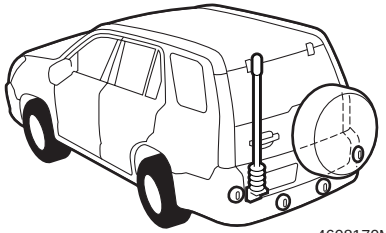
- When the vehicle is equipped with a high-power radio and antenna



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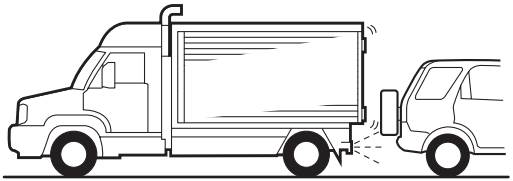
- When detecting loud noises such as a vehicle horn, a motorcycle's engine, or air brakes



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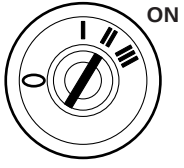
- When driving in rain or melted snow

Before using the backup sensors, become familiar with the types of sounds in relation to the distances between the sensors and the obstacle by actually backing your vehicle into a garage or parking space. Also confirm the obstacle detecting range of each backup sensor.

1. Apply the parking brake.
2. Turn the ignition switch to ON (**II**), but do not start the engine yet.

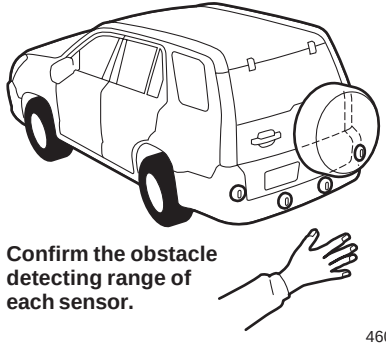


3. Move the shift lever to reverse.
4. With one of the doors open, check that the audible signal sounds by slowly bringing the palm of your hand close to each sensor as described:

   For the corner sensors:
   From 2.0 feet (60 cm)

   For the center sensors:
   From 5.9 feet (180 cm)

   Confirm that the sound of the corner sensors is different from that of the center sensors.



Confirm the obstacle detecting range of each sensor.

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5. Check that the intermittent warning beeps become quicker as you bring the palm of your hand closer to the sensor.

   For the center sensors:
   About 4.3 feet (130 cm)

6. Check that the intermittent warning beeps change to a continuous beep as you bring the palm of your hand closer to the sensor. It may stop making noise or emit intermittent beeps if you move your hand closer too quickly.

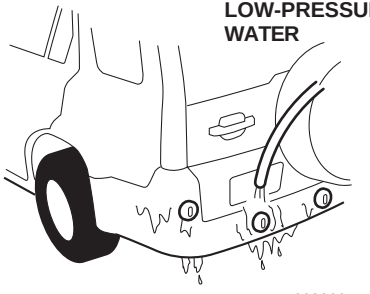
   For the center sensors:
   About 2.6 feet (80 cm)

7. Turn the ignition switch to OFF (0).

1. Turn the ignition switch to ON (II), and apply the parking brake.
2. Depress the brake pedal, and move the shift lever to the reverse position. Check that the audible signal sounds for about one second.
   - The sensors are normal if the audible signal sounds for about one second.
   - If the audible signal keeps sounding, this is an indication that the sensors are frozen or clogged with mud, dirt, etc. If the sensors are clean but keep sounding, there is an abnormality in the circuit. See your Honda dealer when possible.

Be careful not to confuse the sound of the sensors with those of other components or systems.

Wipe the sensors clean with a clean cloth, or flush with low-pressure water if they are clogged with mud and dirt.



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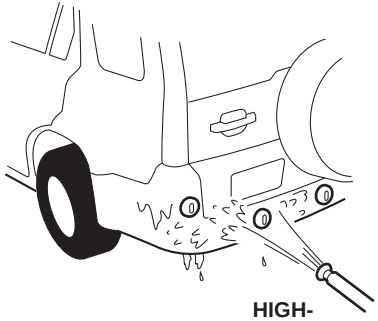
Do not spray high-pressure water against the sensors.



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Troubleshooting

Perform the following checks if the audible signal does not sound when the vehicle is approaching an obstacle.

Symptom	Remedy
• **Clogged sensor with snow or mud**	• **Wipe with a clean cloth or flush with low-pressure water.**
• **Frozen sensor**	• **Melt with lukewarm water**
• **Extended parking in cold weather or under blazing sun**	• **The backup sensors may not work if the outside air temperature is below -4°F (-20°C) or above 122°F (50°C).**

Ask your Honda dealer for advice if the trouble persists.

Take your vehicle to your Honda dealer if you encounter either of these problems:

- The audible signal sounds continuously when the shift lever is in the reverse position, and the sensors are not frozen or clogged with snow or mud.
- The audible signal does not sound when the shift lever is in the reverse position.

Troubleshooting With Beeps

When you turn the ignition switch to ON (II), and the backup sensor signal sounds more than once, there may be a problem with one of the sensors.

Corner Sensors
Two slow beeps: right sensor is faulty.

Three slow beeps: left sensor is faulty.

Four slow beeps: right and left sensors are faulty.

Center Sensors
Three fast beeps: one or both sensors are faulty.

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