



Backup Sensors User's Information Manual

CR-V


A Few Words About Safety

Your safety, and the safety of others, is very important. Operating your vehicle's backup sensors safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels in the vehicle owner's manual, and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining your vehicle. You must use your own good judgment.

You will find this important safety information in a variety of forms. It includes these items:

- **Safety Labels** - on the vehicle.
- **Safety Messages** - preceded by safety alert symbol  and one of three signal words: **DANGER**, **WARNING**, or **CAUTION**.

These signal words mean:

 **DANGER**

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **WARNING**

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

 **CAUTION**

You **CAN** be **HURT** if you don't follow instructions.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your vehicle, other property, or the environment.

- **Instructions** - how to use this vehicle correctly and safely.

This manual contains important safety information - please read it carefully.

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Introduction

Thank you for purchasing this Honda accessory.

Please read this manual carefully before using the backup sensors. Keep this manual in the glove box for future reference.

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

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

- The backup sensors are designed to make an audible sound when they detect large stationary objects while the vehicle is moving in Reverse at low speed. However, not all obstacles may be sensed.
- Even with backup sensors, the driver should always look for obstacles near the vehicle to make sure the path is clear when driving in Reverse and it is safe to park.

WARNING

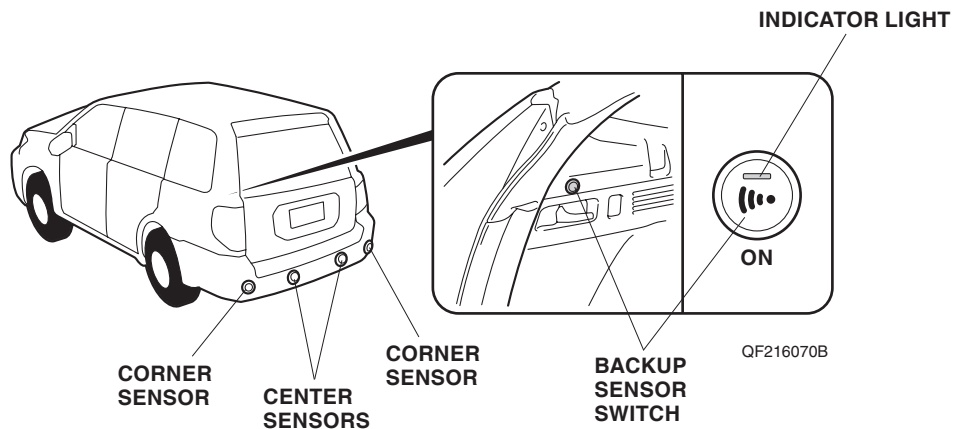
Never rely solely on the backup sensors. Always look behind you before backing up. The sensors may not always detect people or objects in the path of your vehicle, causing a crash in which you could be severely injured or killed.

How the Backup Sensors Work

Backup Sensors

The sensors are ready for operation when the backup sensor switch is turned to ON and the shift lever is moved to Reverse.

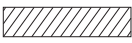


The sensors operate by emitting ultrasonic waves. They calculate the distance between each sensor and a detected object by measuring the time it takes for the ultrasonic waves to reach the sensor after being reflected by the detected object.



How the Backup Sensors Work

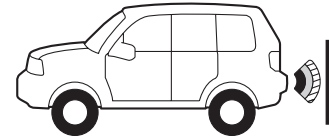
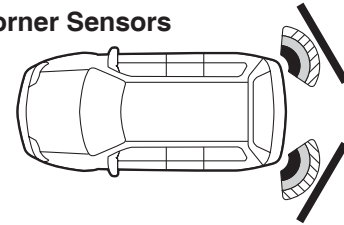
The sensors are designed to beep when the rear bumper is approaching a detected object.

The system has three types of beeps:

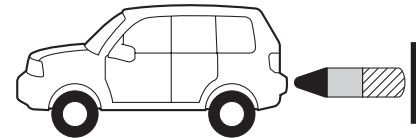
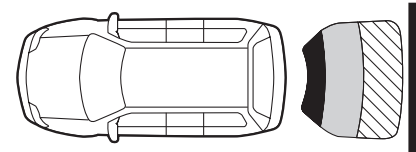
Sound (Tone Quality)	Corner Sensor Distance	Center Sensor Distance	Fill Pattern
Slow intermittent beeps	Within 2.0–1.5 ft (60–45 cm)	Within 4.9–1.5 ft (150–45 cm)	
Quick intermittent beeps	Within 1.5–1.1 ft (45–35 cm)	Within 1.5–1.1 ft (45–35 cm)	
Continuous beep	Within 1.1 ft (35 cm)	Within 1.1 ft (35 cm)	

May not detect an object, if the distance from the corner sensor or center sensor to the obstacle is less than 20 cm (0.7 ft).

Corner Sensors



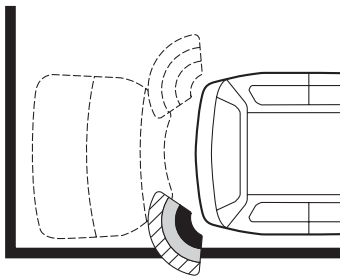
Center Sensors



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How the Backup Sensors Work

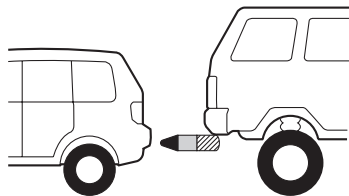
The sensors detect the closest object.



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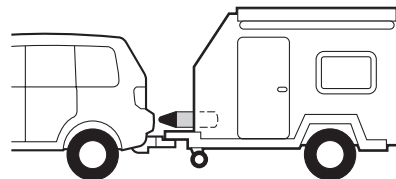
In this example, the corner sensor detects the side wall.

The sensors may not detect taller vehicles or objects.



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While driving in Reverse and towing, the system will beep. When this occurs, turn the backup sensor switch to OFF.



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Limitations

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

Examples:



POLE



RECTANGULAR LUMBER



CARDBOARD CARTON



BICYCLE TIRE

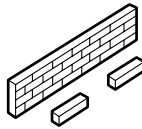


SMALL TREE

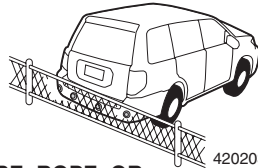


SOFT SNOW

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CURBSTONE

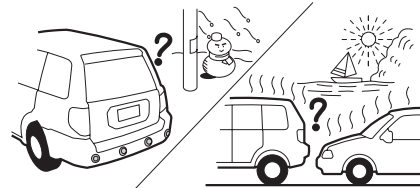


WIRE, ROPE, OR CHAIN LINK FENCE

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- The sensors may not work near a garage door with electrical sensors.
- The system cannot detect objects directly under the bumper.

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



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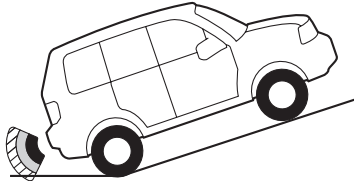
Limitations

The system may sound a warning even if there is no object behind the vehicle:

- The sensors are covered with snow, ice, mud, etc.

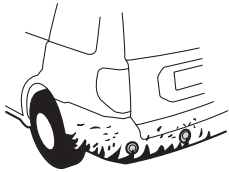
When driving in Reverse, the sensors may sound continuously under the following conditions:

- When the vehicle is on a rough road, on grass, or climbing a hill.

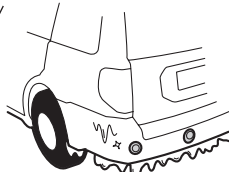


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- The sensors are covered with snow, dirt, or mud.

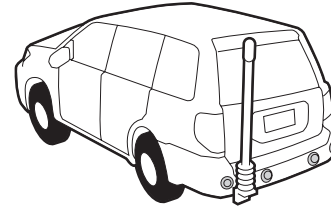


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- When the system is affected by electrical equipment or devices generating an ultrasonic wave.

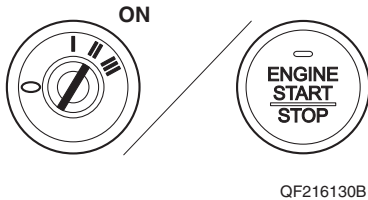


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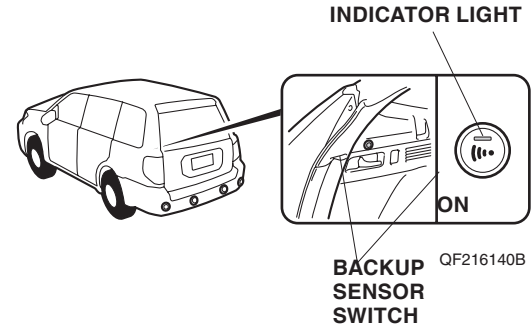
- When the sensors are too close to the obstacles.
- When operating the vehicle in bad weather.
- When detecting loud noises such as a vehicle horn, motorcycle's engine, or air brakes.
- When driving in rain or melted snow.

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

1. Apply the parking brake.
2. Turn the ignition to ON, but do not start the engine yet.



3. Turn the backup sensor switch to ON. The switch is located on the left quarter pillar trim.
4. With your foot on the brake, move the shift lever to Reverse. Make sure the system beeps for about 1 second when moving the shift lever to Reverse. This initial sound means that the system is working properly.



Operation

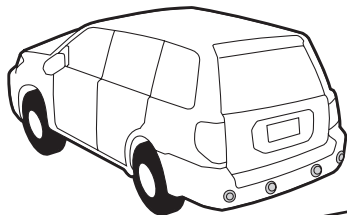
5. With one of the doors open, check that the sensor sounds by slowly moving a board close to each sensor as shown:

Corner sensors:

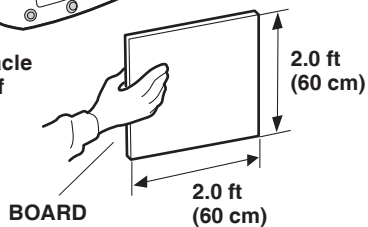
From 2.0–1.5 ft (60–45 cm)

Center sensors:

From 4.9–1.5 ft (150–45 cm)



Confirm the obstacle detecting range of each sensor.



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6. Make sure the intermittent warning beeps become quicker as you move the board closer to the sensor.

Corner sensors:

About 1.5–1.1 ft (45–35 cm)

Center sensors:

About 1.5–1.1 ft (45–35 cm)

7. Make sure the intermittent warning beeps change to a continuous beep as you move the board closer to each sensor. It may stop beeping if you move the board close too quickly.

Corner sensors:

About 1.1 ft (35 cm)

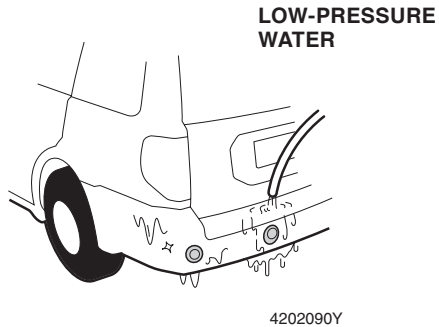
Center sensors:

About 1.1 ft. (35 cm)

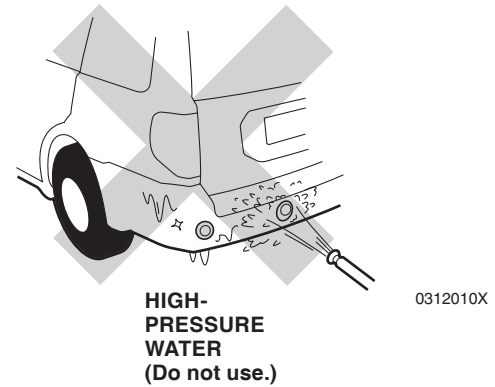
8. Turn the ignition to OFF.

Care of the Backup Sensors

If the sensor is covered with mud or dirt, wash it with low-pressure water and wipe with a clean, soft cloth.



Do not spray the sensors with high-pressure water .



Troubleshooting

Do the following checks if the system does not beep when approaching an object.

Symptom	Remedy
• Sensor clogged 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).

Checks with your Honda dealer if the problem continues.

Take your vehicle to your Honda dealer if you encounter either of the following problems;

- The system beeps continuously when the shift lever is in Reverse, and the sensors are not frozen or clogged with snow or mud.
- The system does not beep when the shift lever is in Reverse and the backup sensor switch is turned to ON.

If the system beeps multiple times when activated (the ignition is turned to ON, the backup sensor switch turned to ON, the vehicle is in Reverse) there may be a problem with a sensor.

See the table below.

Corner Sensors	
Right Side	Two slow high-pitched beeps. Sensor is faulty.
Left Side	Three slow high-pitched beeps. Sensor is faulty.
Both Sensors	Four slow high-pitched beeps. Sensors are faulty.

Center Sensors	
Right Side	Two slow low-pitched beeps. Sensor is faulty.
Left Side	Three slow low-pitched beeps. Sensor is faulty.
Both Sensors	Four slow low-pitched beeps. Sensors are faulty.

