



Backup Sensors User's Information Manual

PASSPORT

Introduction

Thank you for purchasing this Honda accessory.

Please read this manual carefully before using the backup sensors. Keep it 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 it carefully, become familiar with the controls it describes, and follow its recommendations to help make your driving trouble-free and enjoyable.

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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.

For your safety and safety of others, pay special attention to all warning symbols. Failure to follow the warnings contained in this manual can result in damage to your vehicle, serious injury, or death.

Warning Symbols

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.

NOTICE

You **CAN** damage your vehicle, other property or the environment.

Important Information

Before using the backup sensors, make sure you read and understand the operation and limitations of the system as discussed in 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 objects near the vehicle to make sure the path is clear when driving in reverse.

WARNING

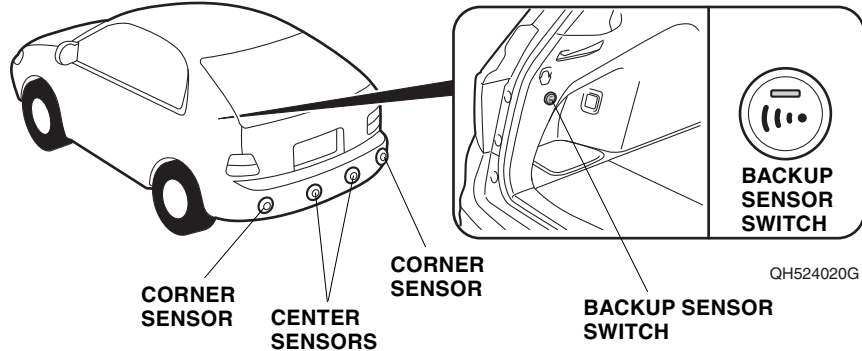
Never rely solely on the backup sensors. Always look behind you before backing up. The sensors may not always detect people, animals, or objects in the path of your vehicle, which could lead to a crash, causing severe injury or death.

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.

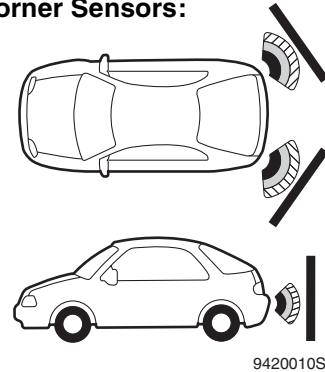
The system has four types of beeps:

Sound (Tone Quality)	Corner Sensor Distance	Center Sensor Distance	Fill Pattern
Slow intermittent beeps	-	Within 3.8 ft (115 cm)	
Moderate intermittent beeps	Within 2.1 ft (65 cm)	Within 2.1 ft (65 cm)	
Fast intermittent beeps	Within 1.6 ft (50 cm)	Within 1.6 ft (50 cm)	
Continuous beep	Within 1.3 ft (40 cm)	Within 1.3 ft (40 cm)	

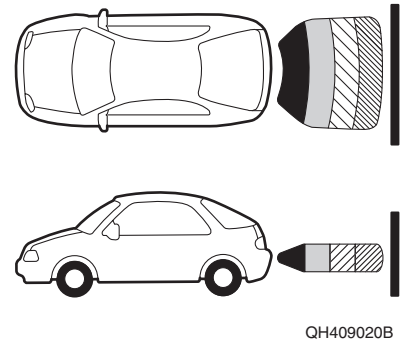
NOTICE

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

Corner Sensors:

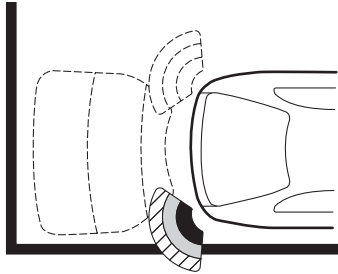


Center Sensors:



How the Backup Sensors Work

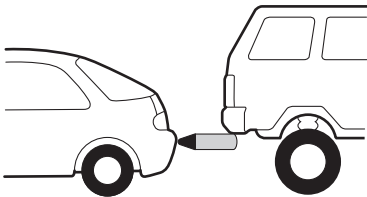
The sensors detect the closest object.



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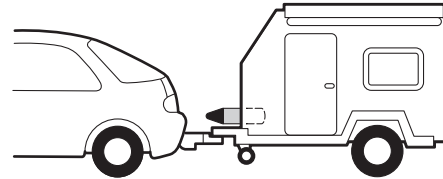
In this example, the corner sensor detects the side wall.

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



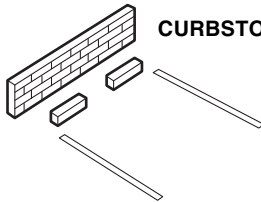
BICYCLE TIRE



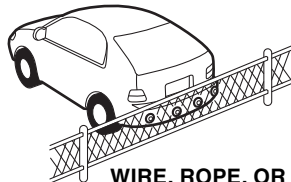
SMALL TREE



SOFT SNOW



CURBSTONE



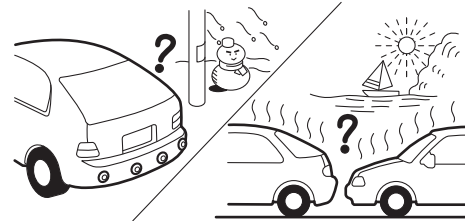
WIRE, ROPE, OR CHAIN LINK FENCE

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

The system may not function properly under these conditions:

- After the vehicle has been sitting out in hot or cold weather.



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

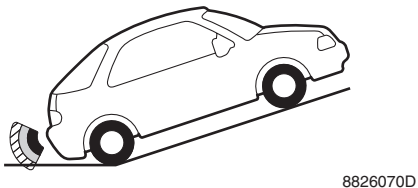
Limitations

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

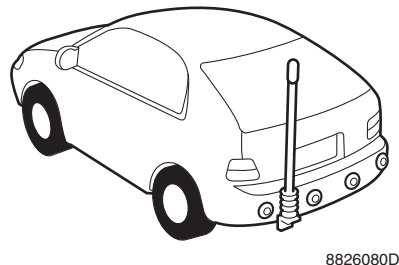
- The sensors are covered with snow, ice, mud, etc.



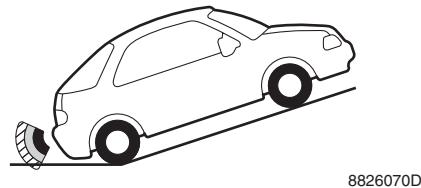
- When the vehicle is on a rough road, on grass, or climbing a hill.



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



- When operating the vehicle in bad weather.
- On rough surfaces, gravel roads, or on a hill.



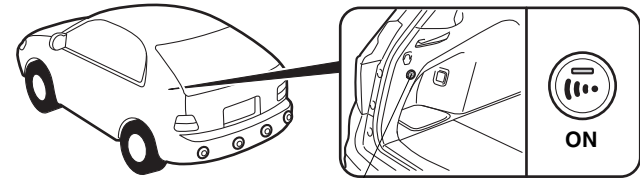
Before using the backup sensors, become familiar with the types of sounds in relation to the distances between the sensors and the object by backing your vehicle in a garage or parking space. Also confirm the object detecting range of each backup sensor.

1. Apply the parking brake.
2. Press the ENGINE START/STOP button twice to switch to ON mode, but do not start the engine yet.



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3. Turn the backup sensor switch to ON. The switch is located on the left side of the cargo area.



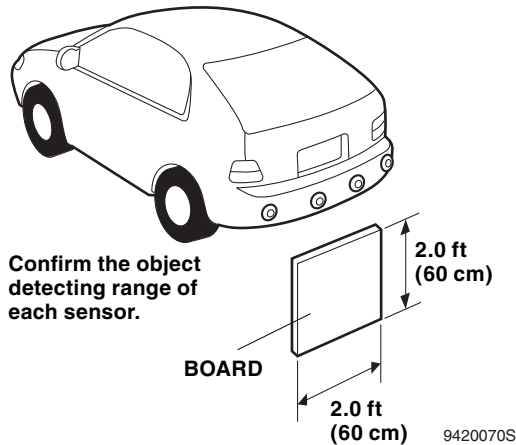
**BACKUP SENSOR
SWITCH**

QH524020G

4. With your foot on the brake, push the Reverse button. 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

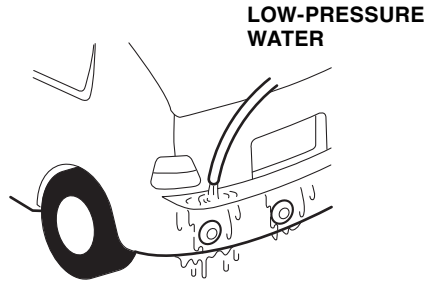
5. With your foot on the brake and the help of an assistant, check that the system beeps properly by slowly bringing a board close to each sensor. The beeping will change according to the sensor and the location of the board. Refer to the system beep chart on page 7 for specifications.



6. Press the ENGINE START/STOP button to OFF.

Care of the Backup Sensors

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



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Do not spray the sensors with high-pressure water.



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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).

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

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

- If the system beeps multiple times when activated (the power mode is set to ON, the backup sensor switch turned to ON, the vehicle is in Reverse) there may be a problem with a sensor.
See table below:

Corner Sensors	
Right Side	Two fast beeps. Sensor is faulty.
Left Side	Three fast beeps. Sensor is faulty.
Both Sensors	Four fast beeps. Sensor is faulty.

Center Sensors	
Right Side	Two slow beeps. Sensor is faulty.
Left Side	Three slow beeps. Sensor is faulty.
Both Sensors	Four slow beeps. Sensor is faulty.

Be careful not to confuse the sensor sounds with sounds from other vehicle components.

