Information for First & Second Responders
Emergency Response Guide For Vehicle:

2020–22 Honda CR-V Hybrid
5-Door Multipurpose Passenger
Hybrid Electric Vehicle

Version 3
This guide has been prepared to assist emergency response professionals in identifying a 2020–22 Honda CR-V Hybrid vehicle and safely respond to incidents involving this vehicle.

Copies of this guide and other emergency response guides are available for reference or downloading at https://techinfo.honda.com.

For questions, please contact your local Honda dealer or Honda Automobile Customer Service at (800) 999-1009.

Honda wishes to thank emergency response professionals for their concern and efforts in protecting Honda customers and the general public.
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</table>
The Honda CR-V Hybrid can be identified by the emblem CR-V, mounted on the tailgate and the HYBRID emblems mounted on the tailgate and the front fenders.

Under the hood, the CR-V Hybrid can be identified by the orange cables throughout the engine compartment.
A Honda CR-V Hybrid can also be identified by inspecting the VIN at the three locations shown below.

Characters 4 thru 6 of the VIN will show RT6 indicating that it is a Honda CR-V Hybrid.

7FA RT6*****000001

**VIN plate located on the lower-right corner of the front windshield**

**Stamped into the floor panel in front of the passenger seat under a plastic panel marked FRAME NUMBER**

**Printed on the VIN label on the driver’s doorjamb**
1. Identification / Recognition

Warning Labels

**WARNING**

Flammable Refrigerant
CAUTION SYSTEM CONTAINS REFRIGERANT R-1234yf UNDER HIGH PRESSURE.
TO BE SERVICED ONLY BY QUALIFIED PERSONNEL.
Follow instructions in the service manual.

**AIR CONDITIONER SYSTEM**

REFRIGERANT: R-1234yf (SAE J639, J2842, J2845)
REC. CHARGE: MAX 0.465kg MIN 0.415kg
OIL TYPE: ND-OIL 11 (POE)

TPG Honda Motor Co., Ltd.

**VEHICLE EMISSION CONTROL INFORMATION**

CONFORMS TO REGULATIONS: 2020MY HEV

<table>
<thead>
<tr>
<th>U.S. EPA</th>
<th>TWC</th>
<th>OBD CA II</th>
<th>FUEL GASOLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWC: WR-H028, H028, SPF, EGR, EGRC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GROUP: LHNXT02.0WMC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EVAP: LHNX01801501SA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.0L HONDA MOTOR CO., LTD.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

INFORMATION

- THE FACTORY INSTALLED LONG-LIFE COOLANT MUST BE REPLACED ACCORDING TO MAINTENANCE MINDER SUB CODE 5, OR AT 10 YEARS, WHICHEVER COMES FIRST. THEREAFTER EVERY 5 YEARS.
- WHEN ADDING OR REPLACING THE COOLANT, ALWAYS USE Honda RECOMMENDED GENUINE LONG-LIFE ANTI-FREEZE / COOLANT TYPE L. THIS COOLANT IS PRE-MIXED WITH 50% DISTILLED WATER. IT DOES NOT REQUIRE ANY ADDITIONAL MIXING.
- NEVER DILUTE THE COOLANT, OR THE LIFE OF THE ENGINE MAY BE SERIOUSLY SHORTENED.
- CHECK OR ADD THE COOLANT AT THE RESERVE TANK, NOT THE RADIATOR.
- FOR FURTHER INFORMATION ON THE COOLING SYSTEM, READ THE OWNER'S MANUAL OR CHECK WITH YOUR Honda DEALER.

**NOTICE**

If this vehicle is not driven for 3 months or longer, the high-voltage Lithium-ion battery can be permanently damaged due to a prolonged low state of charge. To maintain an adequate charge level, drive the vehicle for more than 30 minutes at least once every 3 months.

**LITHIUM-ION BATTERY DISPOSAL INFORMATION**

A large high-voltage Lithium-ion battery located behind the rear seat in the trunk. The high-voltage Lithium-ion battery requires a special disposal process. Contact American Honda at 1-800-556-3497 for handling and disposal information.

**WARNING**

HIGH VOLTAGE
You can be killed or hurt. Do not disconnect, open, or take apart.

When you remove and attach the PCU
When you remove and attach the PCU, conduct maintenance according to the service manual.

*Under intake air resonator*
1. Identification / Recognition

**WARNING**

**HIGH VOLTAGE**
- You can be killed or hurt.
- Do not remove this cover.
- No customer serviced parts inside.

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**LITHIUM-ION BATTERY DISPOSAL INFORMATION**

This 259V high voltage battery requires special handling and disposal process. Contact for instructions, in USA: American Honda 1-800-555-3497, in Canada: Honda Canada 1-800-946-6329

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**MISE AU REBUT DES BATTERIES LITHIUM-ION**

La manutention et la mise au rebut de la batterie haute tension de 259V nécessitent un processus spécial. Veuillez contacter pour le processus, dans USA: American Honda au 1-800-555-3497, dans Canada: Honda Canada au 1-800-946-6329

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**DANGER**

**HIGH VOLTAGE**
- You will be killed or hurt. Before servicing:
  - Switch vehicle power mode to OFF and remove high-voltage battery service plug.
  - Wear insulated gloves and use insulated tools.
  - Check voltages at high-voltage battery box terminals.
  - Follow all service manual instructions.

---

**DANGER**

**HAUTE TENSION**
- Danger de mort ou de blessures. Avant le service:
  - Mettez le mode d'alimentation du véhicule à OFF, puis retirer le capuchon de la prise de service de la batterie haute tension.
  - Porter des gants isolants et utiliser des outils isolés.
  - Vérifier la tension aux bornes du batterie de la batterie haute tension.
  - Suivre toutes les instructions du manuel d'atelier.
1. Identification / Recognition

Warning Labels (continued)

**WARNING**

**HIGH VOLTAGE**

You can be killed or hurt. Do not disconnect, open, or take apart.

When you remove and attach the PCU

When you remove and attach the PCU, conduct maintenance according to the service manual.

**DANGER WARNUNG**

NEVER OPEN WHEN HOT.

Hot coolant will scald you.

N’OUVREZ PAS QUAND CHAUD.

NIE DEN BEI HIESEM MOTOR ÖFFNEN.

请不要在热时打开

高温时，请勿打开

49°F

**INFORMATION**

- INVERTER COOLANT MAINTAIN ACCORDING TO THE SERVICE MANUAL.
- MAINTENIR LA QUANTITÉ DE RÉFRIGÉRANTE DE L’ONDULEUR SELON LE MANUEL DE SERVICE.
- MANTENGA LA CANTIDAD DE REFRIGERANTE DEL INVERSOR CONFORME AL MANUAL DE SERVICIO.
- インバータ冷却水はサービスマニュアルに従って

調整してください。

- **WARNING**

**HIGH VOLTAGE**

You can be killed or hurt. Do not disconnect, open, or take apart.

5KΩ
High-Voltage Battery - Location

The high-voltage battery is located behind the rear seats in the rear cargo compartment.
How to Determine if Vehicle is in ON / OFF Mode.

Check the illumination of the **POWER** button of the vehicle status.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Vehicle is OFF</strong></td>
<td>The power to all electrical components is turned off.</td>
<td>• Press the <strong>POWER</strong> button to change to the Accessory mode.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Press the <strong>POWER</strong> button once to change to the ON mode.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Press the <strong>POWER</strong> button twice to turn off the vehicle</td>
</tr>
<tr>
<td><strong>Vehicle is in Accessory</strong></td>
<td>You can operate the audio system and other accessories in this position.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Press the <strong>POWER</strong> button once to change to the ON mode.</td>
</tr>
<tr>
<td><strong>Vehicle is ON</strong></td>
<td>The Engine is OFF but all electrical components can be used.</td>
<td>• While pressing the brake pedal, press the <strong>POWER</strong> button once to start the engine.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Press the <strong>POWER</strong> button once to turn off the vehicle</td>
</tr>
<tr>
<td><strong>Start the Engine</strong></td>
<td>The Engine is ON with the EV Ready indicator on. All electrical components can be used.</td>
<td>• While pressing the brake pedal, press the <strong>POWER</strong> button once.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Press the <strong>POWER</strong> button once to turn off the vehicle</td>
</tr>
</tbody>
</table>
Parking the Vehicle

NOTE:
• The following features will only operate if the vehicle’s 12-volt battery power is available.
• If the 12-volt power IS NOT available, use available wheel chocks.

1. Pull up the Electric Parking Brake switch to apply the parking brake.
2. Push the POWER button to turn the vehicle to the ON mode. Refer to page 10 for instructions.
3. If necessary, press the P to shift the transmission to Park.
4. Push the POWER button to turn off the vehicle.

Applying the Electric Parking Brake
The electric parking brake can be applied any time the vehicle has battery power no matter what state the power mode is in.

Pull up the Electric Parking Brake switch gently and securely.

The parking brake and Brake System indicator come on.

Releasing the Electric Parking Brake
The power mode must be turned to ON to release the electric parking brake.
1. Press the brake pedal.
2. Press the Electric Parking Brake switch.
The parking brake and Brake System indicator go off.
Lifting the Vehicle

Use the indicated lifting points to raise the vehicle.

Front Lifting Points (Only If Necessary)

Recommended Lifting Points

If the front lifting point is not accessible, use the front tow hooks.
Preventing Current Flow Through High-Voltage Cables

Before attempting to rescue occupants or move a damaged Honda CR-V Hybrid, you should reduce the potential for current to flow from the electric motor or the high-voltage battery through the high-voltage cables.

There are two recommended methods for preventing current flow. These are discussed on the following pages.

**PREFFERED METHOD for High-Voltage Shutdown**

Push and hold the POWER button for 3 seconds.

This simple action turns off the vehicle and immediately shuts down the high-voltage system controllers, thereby preventing current flow into the cables. It also cuts power to the airbags and the front seat belt tensioners, though these pyrotechnic devices have up to a 3-minute deactivation time.

To prevent accidental restarting, you must remove the keyless remote from the vehicle and move it at least 20 feet away.

If you cannot locate the keyless remote, disconnect the negative terminal from the 12V battery to prevent electrical fires and accidental restarting of the vehicle.
**ALTERNATIVE BEST METHOD for High-Voltage Shutdown**
Locate and cut the negative 12-volt battery cable and the power control unit (PCU) cable in the engine compartment.

Together, cutting the negative 12-volt battery cable and the PCU cable immediately turns off and shuts down the high-voltage system controllers and the engine, thereby preventing current flow into the high-voltage cables.

1. Pull the hood release handle under the driver’s side lower corner of the dashboard. The hood will pop up slightly.

2. Push the hood latch lever (located under the front edge of the hood to the center) to the side, and raise the hood. Once you have raised the hood slightly, you can release the lever.

3. Remove the support rod from the clamp using the grip. Mount the support rod in the hood.

If you need to cut the hood to open it, be sure to stay within the cut zone as shown.

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**HIGH-VOLTAGE SHUTDOWN PROCEDURE (ALTERNATIVE)**
ALTERNATIVE BEST METHOD for High-Voltage Shutdown (continued)

4. Locate the two cut point labels as shown, and cut them.

*If touching high-voltage cables and other high-voltage components is unavoidable, personal protective equipment (insulating gloves, goggles, and boots) should always be worn.*

This also cuts power to the airbags and the front seat belt tensioners, though these pyrotechnic devices have up to a 3-minute deactivation time.

NOTE:
When cutting the cables, do not allow the cutting tool to contact any surrounding metal parts; electrical arcing could occur, which can ignite any flammable vapors.

If you cannot do either method to stop the engine and prevent current flow into the high-voltage cables, use extreme care and do not touch damaged cables as they may be electrically charged.
High-Strength and Ultra-High-Strength Steel

The body of the Honda CR-V Hybrid is made of high-strength steel and ultra-high-strength steel indicated in the colored areas.

Ultra High-Strength Steel (UHSS)  High-Strength Steel (HSS)

1500 Mpa  980 Mpa  780 Mpa  590 Mpa  440 Mpa  270 Mpa
High-Strength and Ultra-High-Strength Steel

The body of the Honda CR-V Hybrid is made of high-strength steel and ultra-high-strength steel indicated in the colored areas.

---

Ultra High-Strength Steel (UHSS)  High-Strength Steel (HSS)

- 1500 Mpa
- 980 Mpa
- 780 Mpa
- 590 Mpa
- 440 Mpa
- 270 Mpa
Exterior Body Parts

Except for the aluminum hood, the exterior body parts are made of high-strength steel and ultra-high-strength steel indicated in the colored areas.
Extricating Occupants

If you need to cut the hood to open it, be sure to stay within the cut zone as shown.

*When cutting the vehicle body, personal protective equipment (insulating gloves, goggles, and boots) should always be worn.*

If you need to cut the vehicle body or use Jaws-of-Life equipment to remove occupants, be sure to stay within the cut zone as shown.
4. Access to Occupants

Moving the Seats, Head Restraints & Steering Wheel

With Power Seats

To raise the head restraint: Pull upward.

To lower the head restraint: Push down while pressing the release button.

With Manual Seats

To adjust the steering wheel position:

1. Pull the steering wheel adjustment lever up.
   The steering wheel adjustment lever is under the steering column.

2. Move the steering wheel up or down, and in or out.

3. Push the steering wheel adjustment lever down to lock the steering wheel in position.
Opening the Tailgate

1. Open the rear tailgate. There are three available options.

- Press the tailgate open switch on the tailgate (all models).
- Press the tailgate open/close switch located on the dashboard, left of the steering wheel (models with power tailgate).
- Press and hold the tailgate open/close button on the keyless remote (models with power tailgate).

In the event of a 12-volt power failure or mechanical tailgate failure

From inside the vehicle, remove the lid on the tailgate panel using a small, flat-tip screwdriver.

Without Power Tailgate

Push the tab in the direction shown

With Power Tailgate

Push the tab in the direction shown
## 5. Stored Energy / Liquids / Gases / Solids

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
<th>Content</th>
<th>Dangers</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-Volt Battery</td>
<td>12 V—44.65 Ah/20 HR (12 V—38 Ah/5 HR)</td>
<td>• Sulfuric acid 34%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Lead 34%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Lead peroxide 31%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Lead sulfate 1%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>Lithium-Ion, High-Voltage Battery</td>
<td>266.4 V 72 cells (3.7 V) (18 cells × 4 modules)</td>
<td>• Aluminum 20-30%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Lithium metal oxide 15-25%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Graphite 5-15%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Copper 15-25%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Organic electrolyte 15-25% (Maximum volume: 50 cc)</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Graphite 5-15%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>Engine Oil</td>
<td>4.8 US qt (4.5 L)</td>
<td>• Distillates, petroleum, hydrotreated heavy paraffinic</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>Gasoline Tank</td>
<td>14 US gal (53 L)</td>
<td>• Gasoline 88-100%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Ethanol Less than 10%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Toluene Less than 10%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 1,2,4-Trimethylbenzene Less than 5%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Benzene Less than 5%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• N-Hexane Less than 3%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>Engine Coolant</td>
<td>1.46 US gal (5.52 L)</td>
<td>• Water 45-55%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Ethylene glycol 43-49 %</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Hydrated inorganic acid, organic acid salts Less than 5%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Diethylene glycol Less than 3%</td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>High-Voltage Battery Coolant</td>
<td>0.423 US gal (1.60 L)</td>
<td></td>
<td>![Danger Symbols]</td>
</tr>
<tr>
<td>Type</td>
<td>Capacity</td>
<td>Content</td>
<td>Dangers</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------</td>
<td>-------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
</tbody>
</table>
| Transmission Fluid            | 3.7 US qt (3.5 L) | • Lubricating base stocks 80-90%  
                              |               | • N-Phenyl-1-napthylamine less than 1%  
                              |                       | ![Image](image1.png) ![Image](image2.png) |
| Rear Differential Fluid       | 1.6 US qt (1.5 L) | • Base Oil(s) 70-80%  
                              |               | • Additives less than 30%  
                              |                       | Not provided on SDS |
| Brake Fluid                   | N/A          | • Mixture of glycol ether, glycol derivative, glycol ether borate ester (except diethylene glycol) 89-99%  
                              |               | • Diethylene glycol Less than 10%  
                              |                       | Not provided on SDS |
| Air Conditioning Refrigerant  | 14.6 – 16.4 oz (415 – 465 g) | • Tetrafluoroprop-1-ene (R-1234yf) 100%  
                              |                       | ![Image](image3.png) ![Image](image4.png) |
| Windshield Washer Fluid       | 2.6 US qt (2.5 L) | Concentrate  
                              |               | • Methyl Alcohol (methanol) more than 99%  
                              |                       | ![Image](image5.png) |
|                              |              | Tablet  
                              |               | • Sodium carbonate (2:1) 40 to 55%  
                              |                       | ![Image](image6.png) |
|                              |              | • Citric acid 20 to 40%  
                              |               | • Ethoxylated fatty alcohols 0.1 to 3%  
                              |                       | ![Image](image7.png) |
|                              |              | • Alkoxyalted alcohols 0.1 to 2%  
                              |               | ![Image](image8.png) |
High-Voltage Battery Access

1. Open the rear tailgate. There are three available options:
   - Press the tailgate open switch on the tailgate (all models)
   - Press the tailgate open/close switch located on the dashboard, left of the steering wheel (models with power tailgate).
   - Press and hold the tailgate open/close button on the keyless remote (models with power tailgate).

2. Remove the cargo area floor lid.

   NOTE: The lid is secured with two (JIS) screws at the front cargo hooks. In the event of an emergency, remove the lid with extrication equipment as necessary.
6. In Case of Fire

Fire Extinguishing Methods

In case of vehicle high-voltage battery fire, the fire should be extinguished using the following procedure where possible.

*If touching high-voltage cables and other high-voltage components is unavoidable, personal protective equipment (insulating gloves, goggles, and boots) should always be worn.*

1. Open the tailgate and remove the cargo area floor lid to assess the extent of crash damage and fire.

2. Extinguish the fire using a large volume of water such as from a fire hydrant, well water, or pond water. If water in not available, ABC powder fire extinguisher may be used as an alternative. Apply directly to the high-voltage battery unit where fire is present.
   - Remove the air cooling ducts to further direct water into the battery unit.
   - If an opening to the battery cover exists as a result of the crash damage or fire, water may also be directed through this opening.

3. Continue extinguishing until a complete suppression of fire and smoke is observed from the battery.

4. Once signs of active fire have subsided completely (e.g. visible smoking), a thermal camera should be used to evaluate and monitor the temperature of the battery unit.

**NOTE:**
The battery temperature should continue to be monitored. If the battery temperature begins to increase, possibility for reignition exists and additional water or fire extinguisher should be used to mitigate reignition.

**WARNING:**
- Do NOT attempt to open the battery cover at this time.
- Never use seawater or any water containing salt.
- Always assume the high voltage battery contains stranded energy and a possibility for reignition exists.

See Section 8 (Towing/Transportation/Storage) for additional procedures including discharging the high voltage battery.
High-Voltage Battery Access

6. In Case of Fire

- **VEHICLE UNDERSIDE** – No Battery Access

- **VEHICLE INTERIOR** – Cargo Floor Removed

- Reference Only

- **VEHICLE INTERIOR** – Battery Removed

- **VEHICLE UNDERSIDE** – No Battery Access
Submerged Vehicle

If a Honda CR-V Hybrid is submerged or partly submerged in water, first pull the vehicle out of the water, then shut down the high-voltage system. See Section 3 (Disable Direct Hazards / Safety Regulations for the high-voltage shutdown procedures).

If touching high-voltage cables and other high-voltage components is unavoidable, personal protective equipment (insulating gloves, goggles, and boots) should always be worn.

Aside from severe damage to the vehicle, there is no risk of an electric shock from touching the vehicle’s body or framework—in or out of the water. If the high-voltage battery was submerged, you may hear noises from the battery as the cells are being discharged from shorting.

See Section 8 (Towing/Transportation/Storage) for additional procedures including discharging the high voltage battery.
8. Towing / Transportation / Storage

Shifting the Vehicle into Park or Neutral

1. Pull up the Electric Parking Brake switch to apply the parking brake.
2. Press the P to shift the transmission to Park.
3. Push the POWER button to turn off the vehicle.

Keeping the Transmission in Neutral

With the power system turned to ON, do the following steps:
1. Press and hold the brake pedal.
2. Press and release N to shift the transmission to Neutral. The message, Neutral Hold will appear on the gauge.
3. Press N again, and hold it for 2 seconds. The vehicle will enter neutral hold.

NOTE:
• If the POWER button is pressed after neutral hold has been activated, the power mode will switch to ACCESSORY and a message will be displayed on the gauge.
• For 15 minutes the transmission remains in neutral and the power mode will remain in ACCESSORY. After that, the transmission automatically shifts to park.
• Manually shifting to park cancels ACCESSORY mode. The P indicator comes on, and the power mode changes to OFF. You must always shift the transmission to park when neutral hold is no longer necessary.

Applying the Electric Parking Brake
The electric parking brake can be applied any time the vehicle has battery power no matter what state the power mode is in.

Pull up the Electric Parking Brake switch gently and securely.

The parking brake and Brake System indicator come on.

Releasing the Electric Parking Brake
The power mode must be turned to ON to release the electric parking brake.
1. Press the brake pedal.
2. Press the Electric Parking Brake switch.
The parking brake and Brake System indicator go off.
Emergency Towing

The only method for emergency towing is to use a flat-bed tow truck. **DO NOT** use cable type or front wheel type lift equipment.

NOTE: If there is a 12-volt power failure, the vehicle cannot be shifted into neutral. Use available wheel dollies.

<table>
<thead>
<tr>
<th>Flat-Bed</th>
<th>Cable-Type</th>
<th>Front Wheel Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Flat-Bed" /></td>
<td><img src="image2" alt="Cable-Type" /></td>
<td><img src="image3" alt="Front Wheel Type" /></td>
</tr>
</tbody>
</table>

1. Secure the vehicle on the flat-bed tow truck.
2. Apply the parking brake.

Never tow this vehicle with cable-type equipment.
Never tow this vehicle with front wheel type equipment.

Be aware that when rolling a Honda CR-V Hybrid with the front (drive) wheels on the ground, the electric motor can produce electricity and remains a potential source of electric shock even when the high-voltage system is turned off.

Carry a fire extinguisher during transportation and for enhanced safety, have the flat-bed tow truck with the damaged vehicle followed by another support vehicle for monitoring. After transportation, discharge the battery if it is necessary. See Battery Discharging in this section.

**WARNING**

If orange high-voltage cables or high-voltage covers have been damaged, exposing wiring, terminals, or other components, the exposed parts should never be touched. Doing so could result in serious injury or death due to severe burns or electric shock.

If it is not clear whether the exposed wires and terminals are high-voltage components or not, do not touch them.

If touching high-voltage cables and other high-voltage components is unavoidable, personal insulating protective equipment (insulating gloves, protective goggles, and insulating boots) should always be worn.

**Acoustic Vehicle Alerting System**

The Honda CR-V Hybrid is equipped with an acoustic vehicle alerting system and alerts pedestrians with an audible sound that it is approaching when the speed is about **14 mph** or less. When pushing the Honda CR-V Hybrid with the ignition turned to ON, you will hear this sound as the vehicle is being moved.
Lifting the Vehicle

Use the indicated lifting points to raise the vehicle.

Recommended Lifting Points

Front Lifting Points (Only If Necessary)

- Front Lift Point
- Front Tow Hooks

If the front lifting point is not accessible, use the front tow hooks.
Securing the Vehicle

The recommended tie-down locations for securing the vehicle are indicated below.

- Four tie-down slots - Two behind the front wheels and two in front of the rear wheels
- Two front tow hooks – One each in the front of the left-front tire and right-front tire
- Single tow hook in the rear
8. Towing / Transportation / Storage

**Curb Weight Rating**

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<tr>
<td>3,649 lb (1,655 kg)</td>
<td>3,763 lb (1,707 kg)</td>
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</table>

**Dimensions**

- 104.7 in. (2,660 mm)
- 182.1 in. (4,626 mm)
- 66.5 in. (1,688 mm)
- 82.9 in. (2,106 mm)
8. Towing / Transportation / Storage

**Storing the Vehicle**

Storage and isolation recommendations.

1. **Open Perimeter Isolation:**
   - Store the vehicle in an outdoor area separated from all combustibles and structures by a minimum distance of **50 feet (15.2 m)** from all sides.

2. **Barrier Isolation:**
   - Store the vehicle in an outdoor area separated from all combustibles and structures with a barrier constructed of earth, steel, concrete or solid masonry designed to contain a fire or prevent the fire from extending to adjacent vehicles.
   - Barriers should be of sufficient height to direct any flame or heat away from adjacent vehicles.
   - If the barrier is provided only on three of the four sides of the vehicle, the open side must maintain the separation distance referenced in Open Perimeter Isolation.
   - It is not recommended to fully enclose the vehicle in a structure due to the risk of post-incident fire extending to the structure and the possibility of trapped explosive or harmful gases. Therefore, a roof is not recommended for barrier isolation.
Battery Discharging

If the high-voltage battery is severely damaged or burned, or the vehicle has been submerged and water has entered and accumulated on the floor of passenger compartment, the battery must be discharged. Failure to discharge stored or stranded energy remaining in the battery may result in a fire or re-ignition due to a damaged or short circuit.

1. Set up a pool approximately **18 feet long x 8.2 feet wide x 3.3 feet high** outdoor in a well-ventilated area.

2. Use a forklift or similar equipment to place the vehicle in the center of the pool.

3. Open the windows or doors as there is a risk of hydrogen gas filling the interior.

4. Open the rear tailgate and remove the cargo area floor lid. **See Section 6 (In Case of Fire – High-Voltage Battery Access).**

5. Remove the service plug lid using a 10 mm wrench.

6. Push down and slide back the tab on the service plug until you hear a click.

*Continued on the next page.*
Battery Discharging (continued)

7. Raise the lever and remove the service plug.

8. Using a TORX T27 driver, remove the six TORX bolts securing the high-voltage battery lid. Remove the high-voltage battery lid.

Continued on the next page.
Battery Discharging (continued)

9. Fill the easy set pool with water from a fire hydrant, well water, or pond water until the high voltage battery is completely submerged. If there is a risk of water leakage from the easy set pool, place a thick plastic sheet under the pool.

Never use seawater or any water containing salt.

10. Continue filling the easy set pool to a minimum depth of 2.7 feet (820 mm) until the high voltage battery is completely submerged, or roughly 4 inches (100 mm) above the height of the tire.

11. Maintain this water level for at least 3.5 days. If the water level drops below the minimum specified level, add fresh water.

Since the water used for discharging the battery is converted to an aqueous solution containing metals such as Phosphorus (P) and Lithium (Li), dispose of it properly as an industrial waste according to local regulations.
9. Important Additional Information

Lithium-Ion Battery Fumes or Fire
A damaged high-voltage lithium-ion battery can emit toxic fumes, and the organic solvent used as electrolyte is flammable and corrosive. Responders should wear appropriate personal protective equipment. Even after a lithium-ion battery fire appears to have been extinguished, a renewed or delayed fire can occur. The battery manufacturer cautions responders that extinguishing a lithium-ion battery fire will take a large and sustained volume of water.

_In order to minimize the possibility of collateral fire damage, responders should always ensure that a Honda CR-V Hybrid with a damaged battery is kept outdoors and far away from other flammable objects._

Lithium-Ion Battery Fluid
Avoid contact with the high-voltage battery fluid. The high-voltage battery contains a flammable electrolyte that could leak as a result of a severe crash. Avoid any skin or eye contact with the electrolyte as it is corrosive. If you accidentally touch it, flush your eyes or skin with a large quantity of water for at least 5 minutes and seek medical attention immediately.

Electric Shock
Unprotected contact with any electrically charged high-voltage component can cause serious injury or death. Receiving an electric shock from a Honda CR-V Hybrid, however, is highly unlikely because of the following:

• Contact with the battery module or other high-voltage components can only occur if they are damaged and the contents are exposed, or if they are accessed without following proper precautions.

• Contact with the electric motor can only occur after one or more components are removed.

• The high-voltage cables can be easily identified by their distinctive orange color, and contact with them can be avoided.

_If severe damage causes high-voltage components to become exposed, responders should take appropriate precautions and wear appropriate insulated personal protective equipment._

Disposal
The lithium-ion battery, the high-voltage battery fluid, and the water used to discharge the battery must be properly disposed of as industrial waste according to local regulations.
9. Important Additional Information

Seat Belts and Airbags

The Honda CR-V Hybrid is equipped with lap/shoulder belts in all seating positions. The front seat belts are equipped with pyrotechnically activated tensioners that help tighten the seat belt in a sufficient crash.

In addition, the Honda CR-V Hybrid is equipped with the following airbags:

- **Front Airbags** – Driver/Front Passenger
- **Side Airbags** – Driver/ Front Passenger
- **Side Curtain Airbags** – Driver’s Side/Passenger Side

It takes up to 3 minutes for the airbags and tensioners to power off after the 12-volt system has been turned off by following the emergency shutdown procedures described in this guide.

In a collision severe enough to deploy one or more of the airbags, the Honda CR-V Hybrid electrical system is designed to automatically open the high-voltage electrical contactors. This disconnects the high-voltage battery from the other high-voltage components and stops the flow of electricity in the high-voltage cables.

However, responders should always assume that the high-voltage system is powered on, and take the appropriate action described in this guide to power off the system.
Vehicle Collision

In the event of a crash, the supplemental restraint system (SRS) unit makes a judgment based on input from the impact sensors. If the input values meet various threshold requirements, the SRS unit sends a signal to the high-voltage battery electronic control unit (ECU). The high-voltage battery ECU then turns off the high-voltage battery contactors, stopping the flow of electrical current from the high-voltage battery.

When responding to an incident involving a Honda CR-V Hybrid, we recommend that emergency personnel follow their organization’s standard operating procedures for assessing and dealing with vehicle emergencies.

Honda recommends that responders follow the procedures in this guide to avoid potentially lethal shock from high voltage.
9. Important Additional Information

Dealer Inspection and Repair
A damaged Honda CR-V Hybrid should be taken to an authorized Honda dealer for a thorough inspection and repairs. For questions or to locate an authorized Honda dealer, please contact your local Honda dealer or Honda Automobile Customer Service at (800) 999-1009.

High-Voltage Battery Recycling
The high-voltage lithium-ion battery requires special handling and disposal. If disposal is necessary, please contact your local Honda dealer or American Honda's Hybrid Battery Consolidation Center at (800) 555-3497.
This guide has been prepared to assist emergency response professionals in identifying a 2020-22 Honda CR-V Hybrid vehicle and safely respond to incidents involving this vehicle.

Copies of this guide and other emergency response guides are available for reference or downloading at https://techinfo.honda.com.

For questions, please contact your local Honda dealer or Honda Automobile Customer Service at (800) 999-1009.

Honda wishes to thank emergency response professionals for their concern and efforts in protecting Honda customers and the general public.
9. Important Additional Information

Components

- High-Voltage Components
- 12-Volt Battery
- SRS Components
- Gas Strut
- Fuel Tank
- Reinforcement
- Seat Belt Pretensioners
### 10. Explanation of Pictograms Used

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<tr>
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