

# 2017-2019 Karma Revero Roadside Service Guide



Quality and Education Services  
AAA Automotive  
February 25, 2019

For the latest updates from AAA, visit:

**[AAAcampus.aaa.biz](http://AAAcampus.aaa.biz)**

## Index

Specifications	3
Start/Stop Switch	4
Electronic Key/Mechanical Key	4
Door Locks	5
Trunk Lid Release	5
Hood Release	6
Car Carrier Loading	6
Front Towing Eyebolt	7
Electronic Parking Brake	8
Tires and Jacking	9
High-voltage System	10
Jump-Start Procedures	11

### Important Notice:

**This publication should not be used while driving. The procedures in this publication should only be used by qualified and trained personnel.**

The information and service procedures in this guide have been provided by Karma Automotive. AAA has not researched or validated this information. It is being provided as information only. AAA is not responsible of errors, misinformation or any damage caused by the information contained in this document.

This Roadside Service Quick Reference Guide was developed to highlight some model-specific information and common procedures for servicing or towing this vehicle. It is not all-inclusive. For complete information: The applicable vehicle's owner's manual and the AAA/CAA Towing and Service Manual should be used in conjunction with this guide.

The procedures recommended and described in this guide are effective methods of performing light service and towing operations. Some of these procedures require the use of auxiliary equipment specially designed for the purpose. The auxiliary equipment should be used as recommended and whenever the trained operator deems it appropriate. It is important to read the various WARNINGS, CAUTIONS and NOTES in this manual in order to minimize the risk of personal injury to service personnel and or customers and to avoid procedures which may damage the vehicle or render it unsafe. It is also important to understand that these warnings, cautions and notes are not exhaustive. Neither AAA nor the auto and towing equipment manufacturers could possibly know, evaluate and advise the reader of all conceivable methods of towing or evaluate individual situations. Accordingly, anyone who uses a towing procedure must be thoroughly convinced that neither personal safety nor vehicle safety will be jeopardized by the selected procedure.

AAA is not responsible for changes made by the manufacturers to the vehicles or their recommendations. Important changes in procedures and updates will be furnished to all manual users at [AAACampus.aaa.biz](http://AAACampus.aaa.biz).

To contact us regarding feedback on this publication, email us at [TTR@national.aaa.com](mailto:TTR@national.aaa.com) or write us at:

AAA  
Attention: TTR  
1000 AAA Drive, MS33  
Heathrow, FL 32746

## 2017-2019 Karma Revero

### SPECIFICATIONS:

#### Dimensions:



Width: 84.1 inches

Length: 196.8 inches

Specifications	
Curb Weight (pounds)	5,400
Front Axle Weight	2,538
Rear Axle Weight	2,862
Drive Line Type	Rear-Wheel Drive (RWD)
Transmission Type	Automatic
Length	196.8 inches
Width	84.1 inches
Wheelbase	124.4 inches
Height	52.6 inches
Fuel / Propulsion Type	Gas (Premium) / Electric
High-Voltage Battery	347 Volt Lithium-ion HV Battery
12v Battery Rating	760 CCA

## START/STOP (IGNITION) SWITCH OPERATION:

**NOTE:** The electronic key must be in the vehicle. When detected, a message will display on the driver's display panel.

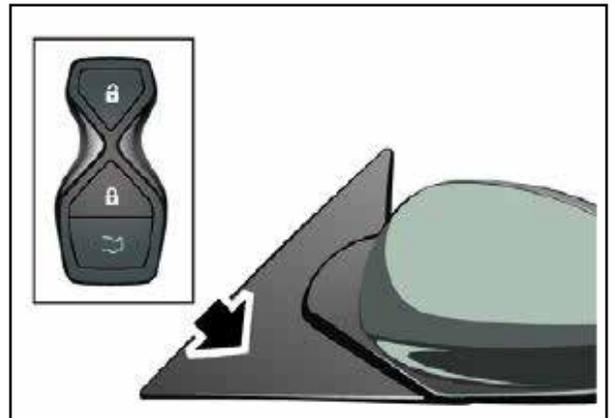
- Ignition On / Engine Off: With your foot off the brake pedal, press the Start/Stop switch until the warning lights on the instrument panel illuminate.
- To activate the motor: Press the Start/Stop switch while depressing the brake pedal. The power light on the switch will turn green when the vehicle is in READY mode.



## ELECTRONIC KEY NOT DETECTED:

**NOTE:** This situation can happen because the electronic key has a low battery or the vehicle was unlocked using the key blade instead of the electronic key.

1. Depress the brake pedal.
2. Touch the electronic key with the buttons facing away from the car just forward of the driver's exterior mirror. When the electronic key is detected, a message will be displayed on the instrument panel.
3. Press the Start/Stop switch to put the vehicle in READY mode.



## ELECTRONIC KEY/MECHANICAL KEY:

The mechanical key is not located inside the electronic key for this vehicle. The manufacturer recommends the owner to keep the electronic key inside a leather carrying case provided by Karma or in a secure location that is easily accessible. Get with the vehicle owner to see if access to the mechanical key is possible.

### Electronic Key Functions

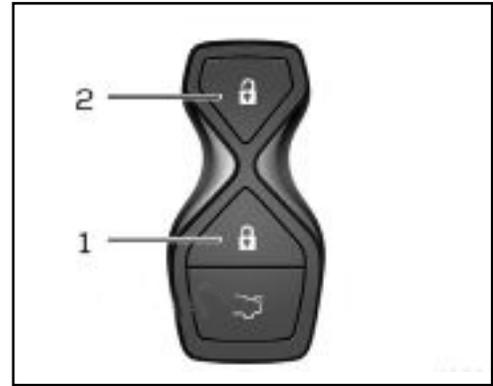
- 1 Locks the doors
- 2 Unlocks the doors
- 3 Trunk release (press and hold)



## DOOR LOCKS:

### Using the Electronic Key:

1. Press button to lock the door
2. Press button to unlock the door



### Using the Mechanical Key:

1. Insert the mechanical key into the exposed lock cylinder located below the passenger door handle and turn counterclockwise to unlock the door.

**NOTE:** Be prepared for the alarm to sound.

2. If the electronic key is recognized, the alarm will turn off when the Start/Stop switch is pressed while depressing the brake pedal.

**NOTE:** If the electronic key is not recognized, follow the instructions for electronic key not detected on page 4.



## TRUNK LID RELEASE:

### Interior Button:

- Press the interior release button in image A found on the far left side of the dashboard.

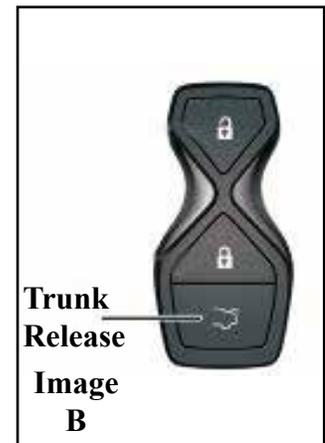
### Electronic Key:

- Press and hold the trunk release in image B briefly till the lid begins to open.

**NOTE:** If the vehicle has a discharged battery, power must be restored in order to access the trunk.



Image  
A

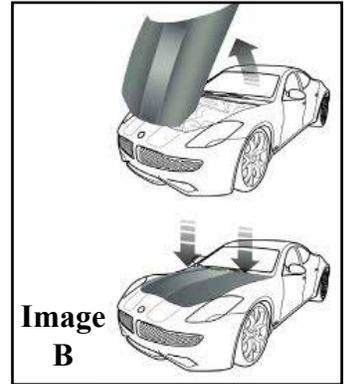
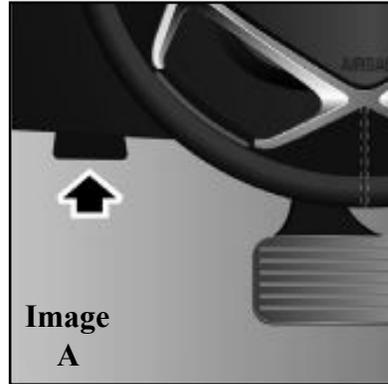


Trunk  
Release  
Image  
B

## HOOD RELEASE:

### Opening the Hood:

1. Pull the mechanical hood release lever located on the underside of the driver's side dash seen in image A.
2. Lift the hood fully from the end closest to the windshield as seen in image B.



### Closing the Hood:

1. To close the hood, lower the hood down to the locks and then press firmly on each corner as seen in the lower image of image B till you hear the locks engage.

## CAR CARRIER LOADING AND TRANSPORTING:

### Special Precautions:

- Car carrier equipment is the only method\* of towing this vehicle.

\*Note: Due to clearance issues between the vehicle and the ground and the vehicle and towing equipment.

- When loading or winching **DO NOT USE HOOKS OF ANY TYPE ON THE LOWER CONTROL ARMS OR ANY OTHER STEERING OR SUSPENSION COMPONENT.** Carefully follow the loading procedures specified in the following pages.
- **USE ONLY WHEEL STRAP TIE-DOWNS** to secure this vehicle when transporting. The use of chains or hooks will damage under vehicle components.
- There is no practical roadside override provision to get the transmission into Neutral should there be a failure in the system.
- In an emergency situation where the vehicle will not roll or must be moved for towing access, wheel-jacking equipment, such as GoJaks or tire skates are recommended.
- Utilize as much ramping as required to reduce the approach angle and retain adequate ground clearance at both the front and rear of the vehicle.

## Car Carrier Loading Procedure:

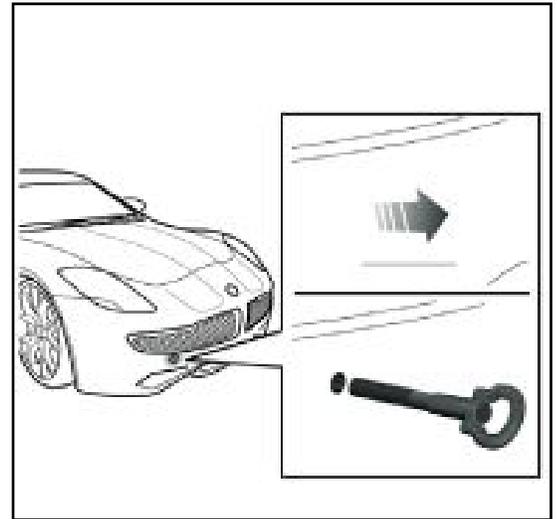
### Front Eyebolt Location

This vehicle is equipped with a towing eyebolt located under the trunk floor liner.

**NOTE:** This towing point is not designed for recovery operations.

- Remove the eyebolt receiver cover from the bumper by gently applying pressure to the lower right edge of the cover.
- Fully screw the towing eyebolt in, by turning it clockwise until secure. Manufacturer states, when fully secured after 10 complete turns of the eyebolt, the eyebolt may only extend from the bumper approximately 2.5 inches.

**NOTE:** The eyebolt receiver cover has a plastic tether that holds it to the vehicle when removed from the bumper cover. Remove the assembly completely from the bumper and stow the cover in the vehicle so it is not lost or damaged during transport.



### Secondary Safety Strap:

It is highly recommended to attach a secondary backup nylon strap to the vehicle. This is a precaution in the event the eyebolt attachment should fail. Using a short nylon strap, wrap the lower control arm and attach the other end to the winch line hook. This strap will remain slack and will only be utilized as a securing device if the eyebolt attachment fails.



## Car Carrier Loading Procedures:

- Before loading, if possible, ensure that the transmission is in **N**eutral and the parking brake is released. Only load the vehicle onto the bed far enough to safely transport the vehicle. Stop loading when the winch line begins to pull the vehicle downward. To prevent downward pull, keep the leading edge of the vehicle at least 2 feet from the winch drum (this will vary based on the towing equipment being used).
- When the vehicle is in its loaded position on the flatbed with the bed still in the deployed position, secure the vehicle to prevent it from rolling by chocking the wheels and attaching one wheel strap to the wheel closest to you. Continue to secure the vehicle until all four wheels are secure.
- Once the bed is in its transport position and the vehicle is secured to the bed with four wheel strap tie-downs, place the transmission into **P**ark and ensure the parking brake is set to help secure the vehicle.
- Clearance around the wheel is limited and careful routing of straps is needed to avoid contacting brake lines and wheel speed sensor wires, especially behind the front wheels. Careful routing of the straps is also important to avoid contact with the painted surfaces of the vehicle.
- After securing, slacken the winch line slightly to prevent any downward pull on the vehicle during transport. Ensure that the vehicle is OFF and the electronic key is removed from the vehicle.

## Wheel Dollies/Tire Skates:

In the event Nneutral cannot be selected or a failure with the parking brake mechanism causes the wheels not to roll, wheel dollies such as “GoJaks” or tire skates should be used on the non-rolling wheels to assist with loading the vehicle. Care must be taken when installing tire skates or GoJaks due to the limited clearance around the wheels and between the vehicle and the ground.

## SELECTING NUTRAL:

### If the vehicle can be started normally:

With the vehicle running, press the brake pedal, then press the “N” button on the shifter. Press the Start/Stop switch once.

**NOTE:** The vehicle will remain in Nneutral for approximately 10 minutes before automatically shifting to Park.



## ELECTRONIC PARKING BRAKE:

This vehicle is equipped with an electrically applied parking brake. The system uses a switch located on the lower portion of the driver’s side dashboard to apply and release the parking brake.

- Pull the switch to apply the parking brake. The parking brake indicator light will display on the instrument panel.
- Press the brake pedal and push the switch to release the parking brake.



## **TIRES AND JACKING:**

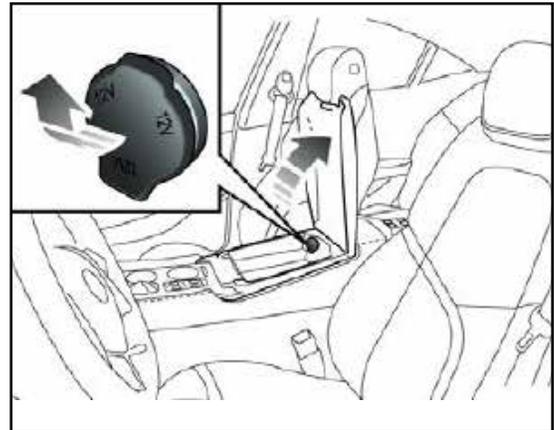
This vehicle comes equipped with an inflator kit located under the trunk floor panel.

### **Accessory Power Outlet for Inflator Kit:**

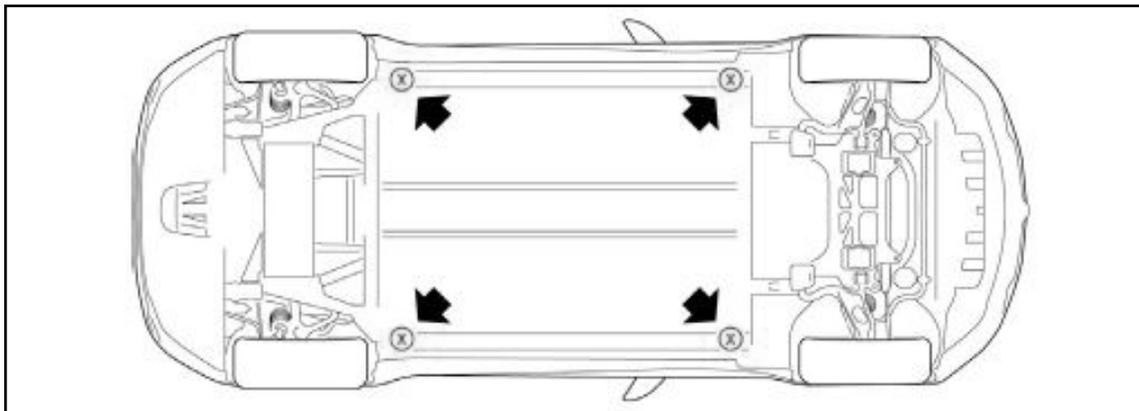
The accessory power outlet recommended by the manufacturer is located inside the front center console.

**NOTE:** The vehicle has to be in Accessory or Ready Mode for the accessory power outlet to work.

**CAUTION:** Make sure to secure the vehicle using wheel chocks prior to service.



### **Jacking Locations**



Observe all standard jacking precautions and place the jack in its proper location. Ensure the vehicle is on firm, level ground and that the wheels are chocked. As the jack comes in contact with the vehicle body, ensure that it is contacting the correct location on the vehicle and will not cause damage. Continue lifting to raise the vehicle just high enough to perform the service needed.

### **Tire Pressure:**

Proper tire pressure can be found on the tire placard located at the base of the driver's side door pillar. Tire pressure settings are also listed in the vehicle owner's manual.

## HIGH-VOLTAGE SYSTEM:

**NOTE:** The High-voltage battery is not accessible. The high-voltage battery is located in the middle of the vehicle within the center console area. This is why the center console runs continuous between the front and rear seats.

The image below shows the locations of 3 key components of the high-voltage system:

1. Charging Port
2. Charge Coupler (Cable Plug)
3. High-voltage Battery

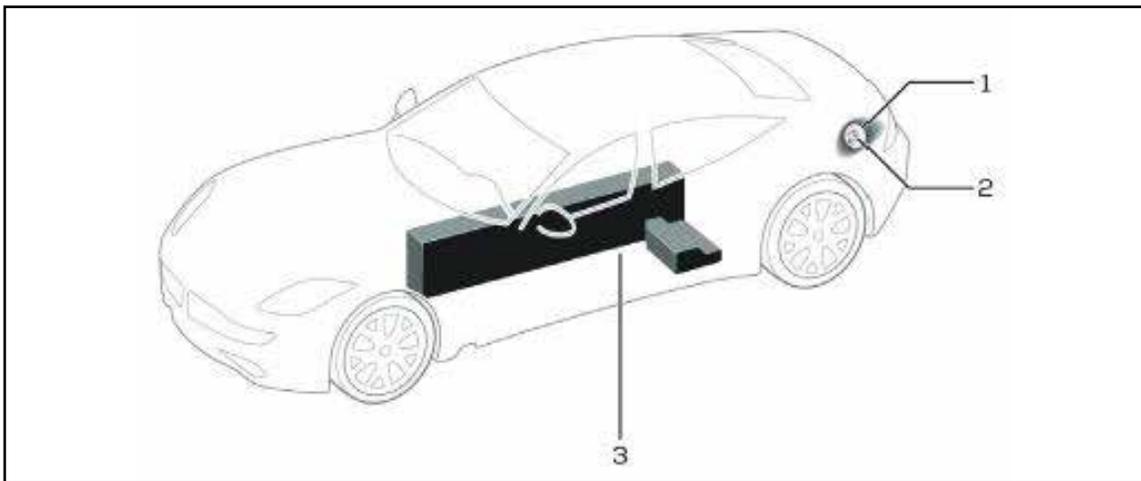
Battery Type: Mid-mounted Lithium-ion HV battery

Battery Capacity: 20.9 kWh

Battery Voltage: 347 volts

**CAUTION:** Avoid all contact with orange loom because this connects the electrical motors and generator (powered by the gas engine) with the high-voltage components.

**NOTE:** The roof of this vehicle is built to be a solar panel used to aide in charging the high-voltage system. Use caution not to damage this surface because it can lead to costly damage repairs.



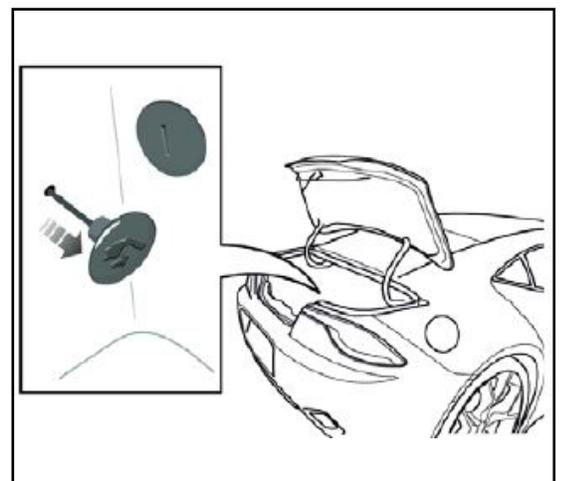
## CHARGE PORT EMERGENCY RELEASE:

This vehicle is equipped with a mechanical release in the event the charge cord will not release.

**NOTE:** Make sure power to the charge cord has been terminated prior to attempting this procedure.

Locate the emergency release, a round plastic cover, located inside the trunk on the driver's side. Pull the plastic cover out to release the charge cord.

**NOTE:** The release mechanism is connected to the cover so use care when removing it from the trunk liner (seen in the image).

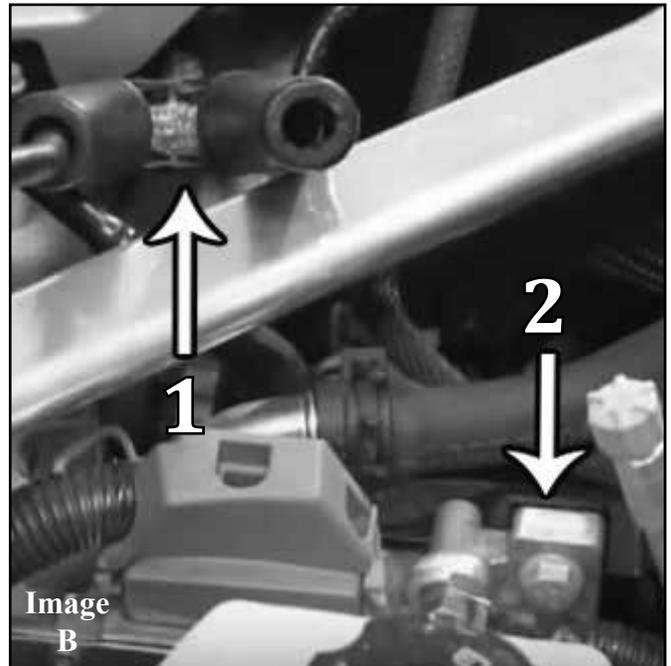
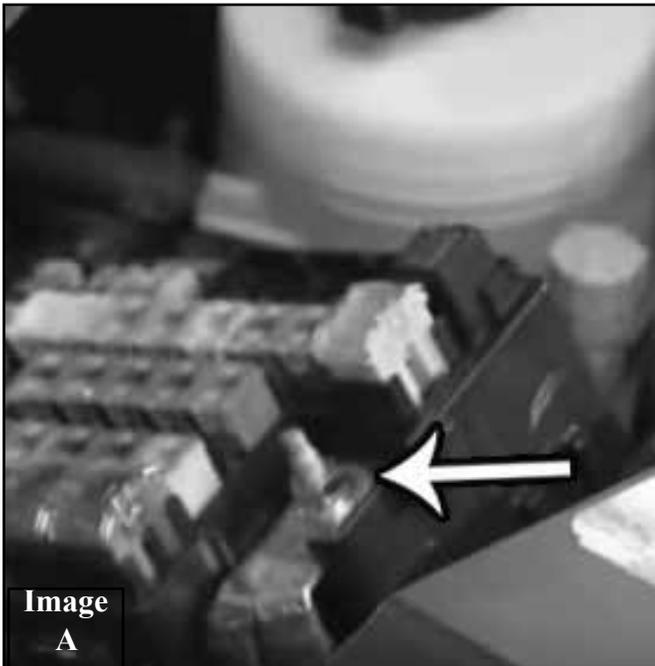


## JUMP-START PROCEDURES:

**Note:** The 12-volt battery is not accessible. To jump-start this vehicle, jump pins have been provided under the hood on the driver's side.

The following jump-starting procedures should be followed:

- Follow all normal jump-starting precautions as outlined in other AAA/CAA publications.
- Ensure that all electrical accessories and the ignition are turned OFF and the electronic key is removed from the vehicle and stored at least 15 feet away from the vehicle before connecting jumper cables or a jumper box.
- Connect the positive (+) booster lead to the dedicated positive (+) pin located in the under hood fuse box (shown in Image A).
- Connect the negative (-) booster lead to a good ground under the hood on the driver's side near the bulkhead. There is an engine mount (labeled 1 in Image B) and a clean bolt near a red plastic cover (labeled 2 in Image B).
- After jump-starting, allow the vehicle to charge the disabled vehicle a few minutes.
- Disconnect the jump leads in reverse order.



**For the latest updates from AAA, visit: [AAAcampus.aaa.biz](http://AAAcampus.aaa.biz)**