

# HOW TO CHARGE THE BATTERY

HRR216K9VLA • HRX217K4HZA/VLA • HRX217K5HZA/VLA Lawn Mowers



## Introduction

The following information explains how to charge the on-board battery for electric start HRR and HRX Honda lawn mowers. There may be several ways of charging the on-board battery depending on the model and frame serial number of your mower. Choose the appropriate set of instructions that match your lawn mower.

## Models Without Charge Port

The information beginning on page 2 applies only to lawn mowers within the following serial number ranges:

Model	Frame Serial Number Range
HRR216K9VLA	MZCG-8670001 through 9349370
HRX217K4VLA/HZA	MAGA-2200001 through 2369999 (all units)
HRX217K5HZA	MAGA-2370001 through 2417294

## Models with Charging Harness Kit (P/N 06320-VH7-S00)

The information beginning on page 3 applies only to lawn mowers within the following serial number ranges:

Model	Frame Serial Number Range
HRR216K9VLA	MZCG-8670001 through 9349370
HRX217K4HZA	MAGA-2200001 through 2369999 (all units)
HRX217K4VLA	MAGA-2200001 through 2369999 (all units)
HRX217K5HZA	MAGA-2370001 through 2417294
HRX217K5VLA	MAGA-2370001 through 2417294

## Models with Charge Port Connector

The information beginning on page 5 applies only to lawn mowers within the following serial number ranges:

Model	Frame Serial Number Range
HRR216K9VLA	MZCG-9349371 through 9999999
HRX217K5VLA	MAGA-2417295 through 9999999
HRX217K5HZA	MAGA-2417295 through 9999999

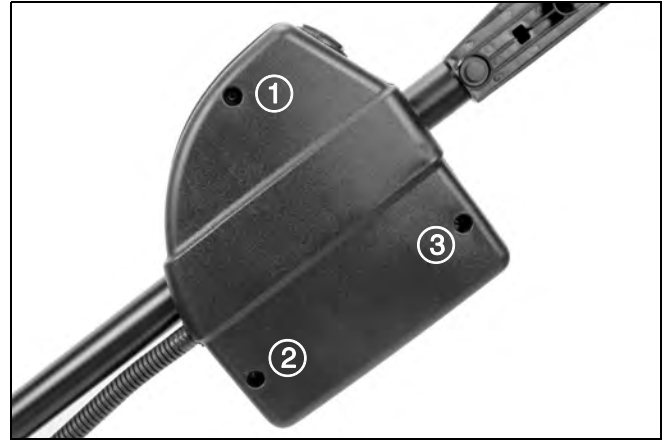
## Models Without Charge Port

This information applies only to lawn mowers within the following serial number ranges:

Model	Frame Serial Number Range
HRR216K9VLA	MZCG-8670001 through 9349370
HRX217K4VLA/HZA	MAGA-2200001 through 2369999 (all units)
HRX217K5HZA	MAGA-2370001 through 2417294

To charge the battery using the Honda battery charger (P/N 31570-VL0-W01), follow the instructions below.

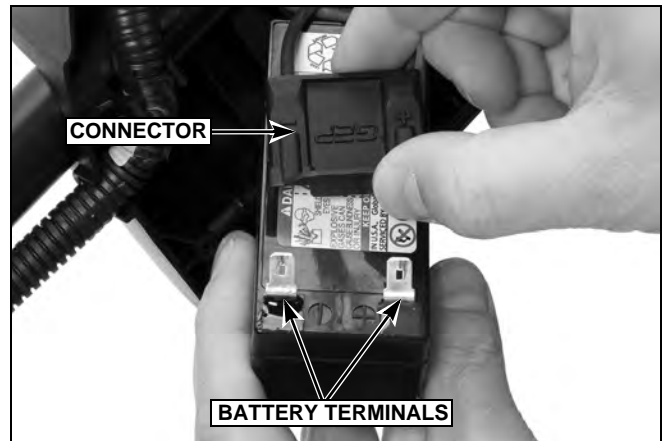
1. Use a Phillips screw driver to remove the three battery cover screws, and then remove the battery cover.
2. Carefully remove the battery from the battery box, and then pull the connector away from the battery terminals.
3. Connect the battery charger connector to the battery terminals.
4. Plug the charger into a standard 120 volt AC power outlet and allow the battery charge for 8 ~ 24 hours.



The charger may become slightly warm during charging; this is normal.

### NOTICE

- Do not use an automotive style battery charger to charge the battery.
  - Do not charge the battery for more than 24 hours or the battery may be damaged. Disconnect the battery charger from the battery before storing the lawn mower.
5. After charging the battery, disconnect the charger, and then firmly reconnect the battery connector to the battery terminals.
  6. Carefully position the battery in the case without pinching the wires. The wires should lay on top of the battery.
  7. Reinstall the battery cover and tighten the three battery cover screws. Be careful not to over tighten the screws.



## Models with Charging Harness Kit (P/N 06320-VH7-S00)

This information applies only to lawn mowers within the following serial number ranges:

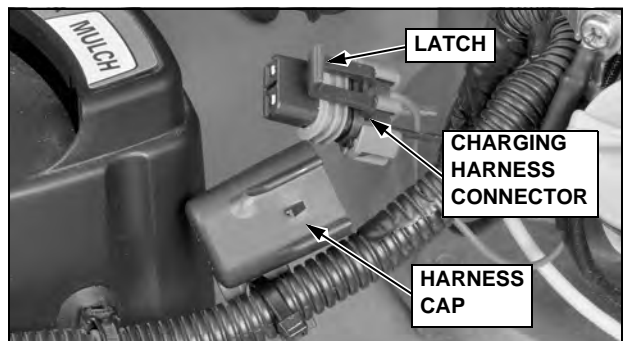
Model	Frame Serial Number Range
HRR216K9VLA	MZCG-8670001 through 9349370
HRX217K4HZA	MAGA-2200001 through 2369999 (all units)
HRX217K4VLA	MAGA-2200001 through 2369999 (all units)
HRX217K5HZA	MAGA-2370001 through 2417294
HRX217K5VLA	MAGA-2370001 through 2417294

To charge the battery using the Honda battery chargers, follow the instructions below.

1. Locate the charging harness on the right side of the lawn mower near the engine.



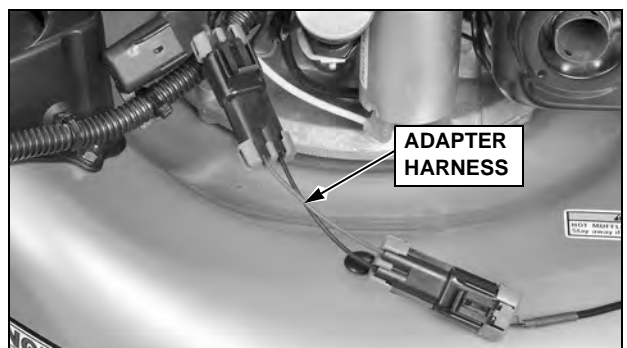
2. Disconnect the charging harness connector from the harness cap by lifting the latch on the connector, and then pulling it away from the cap. Do not pull on the wires when disconnecting the connector.



3. Connect one end of the adapter harness onto the charging harness connector, and the other end onto the connector on the battery charger assembly.

**Note:**

Both ends of the adapter harness are the same. It does not matter which end is connected to the charging harness or battery charger assembly.



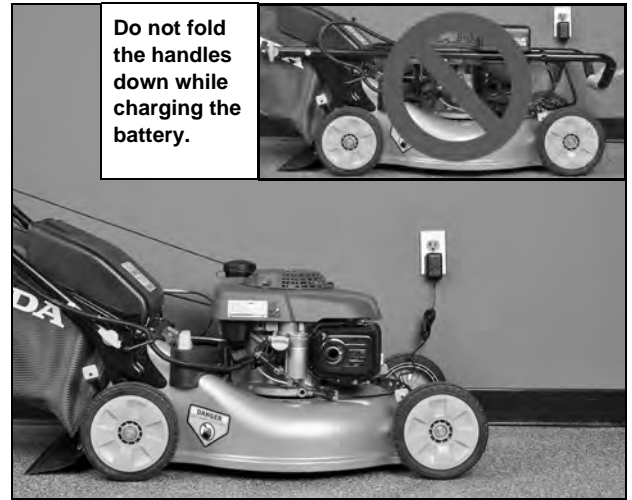
4. Plug the battery charger assembly into a standard 120 volt AC power outlet and allow the battery to charge.
5. The charger may become slightly warm during charging, this is normal.
  - If you are using the standard battery charger (p/n 31570-VH7-V31), allow the battery to charge for 18 to 24 hours. Do not charge the battery for more than 24 hours.
  - If you are using the float charger w/ LED light (p/n 31570-VH7-S31), the charger can be left connected continuously when the lawn mower is not in use.

Light color	Description
Red light	Charging battery
Green light	Charger is tending battery at 13.6V
No light	Charger unplugged or malfunctioning

**NOTICE**

*Do not fold the lawn mower's handle down while charging the battery. Damage to the battery may occur.*

6. After charging the battery, disconnect the adapter harness from the charging harness, making sure to pull on the connectors and not on the wires.
7. Reconnect the charging harness connector into the harness cap.



**BATTERY CHARGER**  
(p/n 31570-VH7-V31)



**FLOAT CHARGER**  
(p/n 31570-VH7-S31)



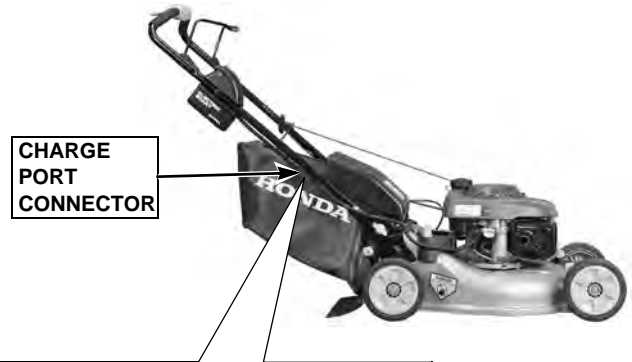
## Models with Charge Port Connector

This information applies only to lawn mowers within the following serial number ranges:

Model	Frame Serial Number Range
HRR216K9VLA	MZCG-9349371 through 9999999
HRX217K5VLA	MAGA-2417295 through 9999999
HRX217K5HZA	MAGA-2417295 through 9999999

To charge the battery using the Honda battery chargers, follow the instructions below.

1. Disconnect the charge port connector on the handle near the battery box.
2. Insert the connector on the Honda battery charger into the charge port connector that is closest to the battery.
3. Plug the charger into a standard 120 volt AC power outlet and allow the battery charge.



The charger may become slightly warm during charging, this is normal.

- If you are using the standard battery charger (p/n 31570-VH7-V31), allow the battery to charge for 18 to 24 hours. Do not charge the battery for more than 24 hours.
- If you are using the float charger w/ LED light (p/n 31570-VH7-S31), the charger can be left connected continuously when the lawn mower is not in use.

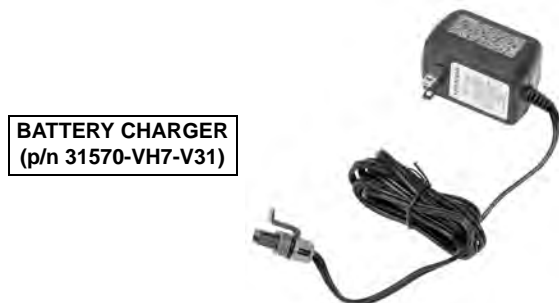


Light color	Description
Red light	Charging battery
Green light	Charger is tending battery at 13.6V
No light	Charger unplugged or malfunctioning

### NOTICE

*Do not fold the lawn mower's handle down while charging the battery. Damage to the battery may occur.*

4. After charging the battery, disconnect the charger and then firmly reconnect the charge port connectors on the handle together.



**BATTERY CHARGER**  
(p/n 31570-VH7-V31)



**FLOAT CHARGER**  
(p/n 31570-VH7-S31)

LED LIGHT