



Scooter Power Adapter System

INSTALLATION MANUAL

*** Installation Instructions for the SPA ***

- Read Carefully Before Starting Installation -

Limited Warranty

This Product is warranted to be free from defects in manufacturing and workmanship and is guaranteed to work for 2 years. This Limited Warranty covers the repair or replacement of the SPA components only and does not cover any costs related to or damage resulting from improper use of the SPA. Failure to properly install the SPA, or improper installation or misuse of any component, will void this Limited Warranty.

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- Before You Start -

REVIEW ALL INSTALLATION INSTRUCTIONS AND PRODUCT WARNINGS BEFORE INSTALLATION!

- SPA Specification -

Check Corporation's Scooter Power Adapter is designed to be used **ONLY** with Check Corporation **Electric HOTBAG™** heated delivery bags.

- Input Voltage Range: 12VDC nominal (11VDC – 15VDC)
- No Load input current: \approx 25mA
- Instantaneous Output Current (max): 10 Amps
- Connectors are indexed to prevent improper mating
- Designed to operate with up to two Check Corp's **Electric HOTBAG™** heated delivery bags
- Power will be delivered to the bags when the scooter is not at idle and at a minimum RPM. Minimum RPM is dependant on the model of scooter.

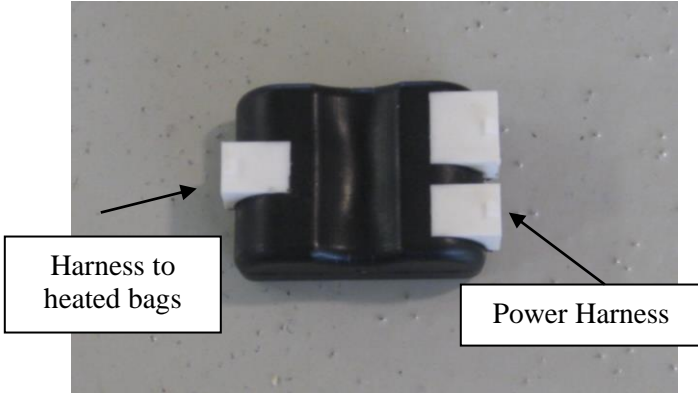
- The Skills You Need -

NOTE: ** IT IS RECOMMENDED THAT A PROFESSIONAL IS USED TO INSTALL THIS SYSTEM **

Recommended tools: Terminal crimpers, wire strippers, marker or pencil, drill, wire cutters.

- Parts list -

Parts	Quantity
Spa Controller	1
Power Harness	1
Harness to Heated Bags	1
In-line Fuse Holder	1
15 Amp ATO Fuse	1
Butt splice terminal	1
Zip Tie (7½")	5



SPA Controller QTY: 1



SPA Power Harness QTY: 1



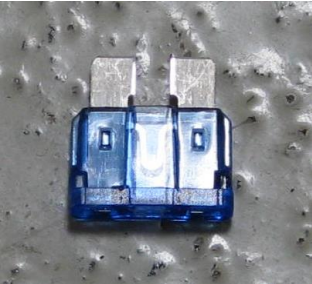
SPA Harness to Heated Bags QTY: 1



In-Line Fuse Holder QTY: 1



7 ½" Zip Tie QTY: 5



15 Amp Fuse QTY: 1



Butt Splice Terminal QTY: 1

- ! WARNING ! -

PLEASE READ BEFORE INSTALLING YOUR SCOOTER POWER ADAPTER (SPA)!

- It is recommended that a professional install this product
- **DO NOT** alter the SPA system
- Connect the SPA only to a 12 volt nominal output system
- Only use with Check Corporation **Electric HOTBAG™** heated delivery bags
- The SPA is not protected against reverse polarity, **DO NOT** wire this product in reverse polarity

- *Installation* -

1. Mount the SPA controller to the bottom of the back wall of the delivery box by drilling 2 holes through the delivery box (one above the SPA controller and one below the SPA controller) and secure the SPA controller with the provided zip tie through these mounting holes.
2. Drill a small hole to run the SPA power harness out of the delivery box to connect to the scooter.
3. Measure and cut the power harness to the correct length to connect to the ignition switch.
4. Install the supplied fuse holder with the 15Amp fuse to the positive (red) wire of the SPA power harness.
5. The SPA should be connected to switched ignition. Locate the ignition switch and connect the positive (red) fused wire to the side of the ignition switch that is only powered when the ignition is on.
6. Locate the negative and positive of the battery.
7. Connect the negative (black) wire of the SPA power harness to the negative (-) terminal of the battery using ring terminals (not included).
8. Make sure all harnesses are properly secured after installation is complete, using the provided 7½" zip ties.

- *Troubleshooting the SPA* -

If the delivery bags do not heat up, check the following:

- Check the fuse added to the power harness during the installation.
- Ensure that all connections are properly mated and that the 12V DC and ground wires are properly installed.
- Check for low battery
- Verify power is applied to the SPA power harness when the ignition switch is on.