



UNIVERSAL FIT HI-POWER GRIP HEATERS

PLEASE READ BEFORE YOU BEGIN

WARNING: Before any installation of this RSI product, you need to verify your snowmobile is operating and working correctly. Verify stock grip heaters, switches, headlight bulbs, thumb heaters, electronic reverse, and multi-function gauge is functioning normally. If any of these things are not functioning normally, they must be fixed before you install this RSI product. This product does not fix any pre-existing electrical problems. **If THE COLOR OF WIRES DO NOT MATCH EXACTLY PER OUR INSTRUCTIONS, DO NOT HOOK THEM UP AND CALL US FOR RESOLUTION.**

INSTALLATION

1. Remove stock or existing grips. If you want to re-use your existing grips, using a high pressure air nozzle to blow them off works well.
2. Remove old grip heater elements from handlebar.
3. Clean surface area on handlebar and make sure surface is free of any old glue or residue where grip heaters will be installed.
4. Connect the RSI heater element wires to snowmobiles existing grip heater wires. See wire color codes below for proper installation. If you want to retain your waterproof connectors, cut them off of your old grip heater near the element so there is ample wire left coming out of the connector. Connect the waterproof connector wires to the RSI heater wires. See wire color codes below for proper installation.
5. Install a thin layer of electrical tape around the handlebars at the location where the soldered wire portion of the heater sits on the handlebar. This helps insulate the soldered wire terminals from the handlebar.
6. Peel off adhesive backing and install the grip heaters onto the handlebar where your hands will be positioned when riding. We recommend installing the heater so that the wires on the elements are facing up and the element wraps around the handlebar and comes together on the bottom of the handlebar. This is important on the extended heater (RSI PT# GH-2) as it was designed to be installed this way. NOT installing the extended heater (RSI PT# GH-2) this way, may result in a poor fit and function.
7. Install grips making sure not to damage the grip heater elements.
8. Double check function of grip heaters in all temperature settings for proper function.
9. Make sure you have proper function of all controls including throttle cable, brake lines and steering function before operating snowmobile.
10. Go enjoy your new RSI Hi-Power Grip Heaters.

Disclaimer: *These grip heater elements are HI POWERED and offer increased heat. When using Steel or Carbon Fiber Wrapped handlebars, take extreme caution when using these heaters in the HI temperature setting. If too hot conditions occur, turn down the temperature setting to a lower temperature setting or turn them off to avoid any potential burning or grip melting. RSI assumes no responsibility or liability for any damage or injury caused by improper use of these grip heaters.*

COLOR CODES

RSI Hi-Power Grip Heaters Wire Color Codes:

White is HI
Blue is Low
Red is Ground or Common

Polaris:

Blue is High
Blue/Red is High
Brown is Ground /Common

*NOTE: When hooking up our 3 wire heaters to a 2 wire OEM heater, connect RSI BLUE and RED wires together to form oneBlue wire making it a 2-wire set up.

Polaris:

Blue is Low
Blue/Red is HI
Brown is Ground or Common

Hi-Power Grip Heaters cont.

Arctic Cat: Green/Blue is HI
3 wire Green/White is Low
Black or Green is Ground or Common

Arctic Cat: When hooking up our 3 wire heaters to a 2- wire
2 Wire OEM heater, connect RSI Blue and
red wires together to form one wire making
our heater a 2-wire set up.

Arctic Cat: Green is HI
3 wire Black is Low
Yellow is Ground or Common

Arctic Cat: Blue is High
3 wire Yellow is Low
Green is Ground or Common

Yamaha (2 Wire): Wire the RSI Blue and Red together to make the heater a 2 wire set up. Connect the RSI wires to the Black Yamaha wires. It doesn't matter which black Yamaha wire goes to the RSI wires.

Ski-Doo: XP, XM (2-Wire): Wire the RSI blue and Red together to make the heater a 2 wire set up. Connect the RSI Blue/Red combined wire to the Orange Ski-Doo wire. Connect the White RSI wire to the Black Ski-Doo wire.

Ski-Doo (3-wire) and Ski-Doo XP (3 wire): Orange is Hi
Orange/Purple is Low
Black is Ground or Common

****Check with your dealer for other snowmobile models no listed for color codes****

Recommend installation location

For RSI #GH-2 Extended Heater

*****Do not install heater element over hooks bolt hole*****