

# YAMAHEATER PLUG & PLAY INSTALLATION & USE INSTRUCTIONS

Left & Right in the directions below, mean while you are sitting on the sled.

To install the Plug & Play Kits on most models you simply need to locate the following 3 factory connectors on your sled:

Brake Connector (Has Blue/Red & Green wires to it) (In main boot on Apex/Attak & Right boot on most others)

Left Grip Connector (Has Yellow/Red & Black wires to it) (Wires to grip are 2 small Black wires)

Right Grip Connector (Has Yellow/Red & Black wires to it) (Wires to grip are 2 small Black Wires)

Unplug Brake connector & Plug Yamaheater Connectors with Blue & Green wires into open Brake Connectors.

Unplug Left side grip connector & Plug Connector from Yamaheater with Yellow & Black Wires into connector with Yellow/Red & Black from harness.

Plug Left side grip connector into shorter cable from Yamaheater. (with Orange & Black wires)

Unplug right side grip connector & plug grip into longer Yamaheater cable. (with Orange & Black wires)

You will not use the harness connector with Yellow/Red & Black wires on the Right side. (Leave in Boot)

Connect Black wire with Ring Terminal to ground bolt.

On many models, even your power is already connected with these simple plug-ins!

If there is a mini-blade Blue 15A fuse included in your package, replace the SIG fuse on your sled with the 15A fuse.

Put the old fuse in a spare slot in your fusebox.

Drill 5/16" (8mm) hole for LED, insert led through back of hole. Install Black LED holder onto LED. Press LED holder with LED into mounting hole using both thumbs until holder is fully seated.

You want to be able to see Mode LED while riding, usually to the left side of the Speedometer Pod.

IF you have a SLEDSTART Remote Start, connect the Purple Wire to the SLEDSTART module Purple wire to give you Autowarm Hands!

If you do not have a SLEDSTART, you will NOT use the purple Autowarm Communication wire.

[www.sledstart.com](http://www.sledstart.com)

You will not connect ANY wires other than what is described above.

It really IS that easy! Let us know how you like & check out The ThumbBoost, YamaHeater Booster, Starter Saver & TRAIL JAMZ!

Rock :) 260.710.7623 As always, can Call/PM/Text/email me with any questions.

Notes:

Your YamaHeater is usually mounted on the Left side of your sled.

Mount with wires & epoxy side facing AWAY from mounting surface.

If you have a Boost Model, the Boost module pack cannot touch anything metal on your sled, it MUST be isolated from ground.

Your fuse box is located near your battery and/or reverse mechanism.

The factory connectors you need are in rubber boots at, or near the base of your bars, behind your headlight.

For exact location of suggested mounting location & connectors, go here and select basic install instructions for your model:

[www.ty4stroke.com/viewtopic.php?t=67236](http://www.ty4stroke.com/viewtopic.php?t=67236)

Testing:

Start your sled & turn the warmers DOWN to ZERO Bars (factory "off"), LED should turn RED indicating YamaHeater High Heat mode.

Let your sled idle for 3-5 minutes, your bars should be getting pretty warm.

All your factory settings, (1-8 Bars) are just like they were prior, LED will light Green when in factory mode.

Normal use is to start out every ride in RED LED mode to warm up your bars, then switch to one of the upper factory settings as required.

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Possible Code 81: (Handwarmers disconnected)

There can be a few causes of this. The first 2 are most common.

- 1) A loose connection. "Tug Test" all connections into the connectors, make sure they are solid.
- 2) Low Idle/Low Battery Voltage Makes sure WARM idle is 1300-1500 RPM (See owners manual)
- 3) The Power Control Relay contacts have to "break-in" This will disappear after riding for a while.
- 4) Normal G-forces from riding. Random & generally rare.
- 5) AutoWarm mode is used with SLEDSTART remote start. This is normal to protect your ECU. Restart to clear.

6) On carbureted models, output from ECU can be erratic when warming up.

Set YamaHeater to RED LED mode at warm-up.

7) The unit itself could have failed, we don't see many of these, yet it IS possible. Call for replacement.

Code 81 is a Minor error code on your sled, it indicates a possible problem with your handwarmers.

It has no effect on your sled other than turning your grips off.

Your YamaHeater will default to High Heat mode if this should occur so you still have warm grips.

The code is easily cleared by shutting off your sled & re-starting.

Trickle charge your battery overnight, most times issue will resolve itself.