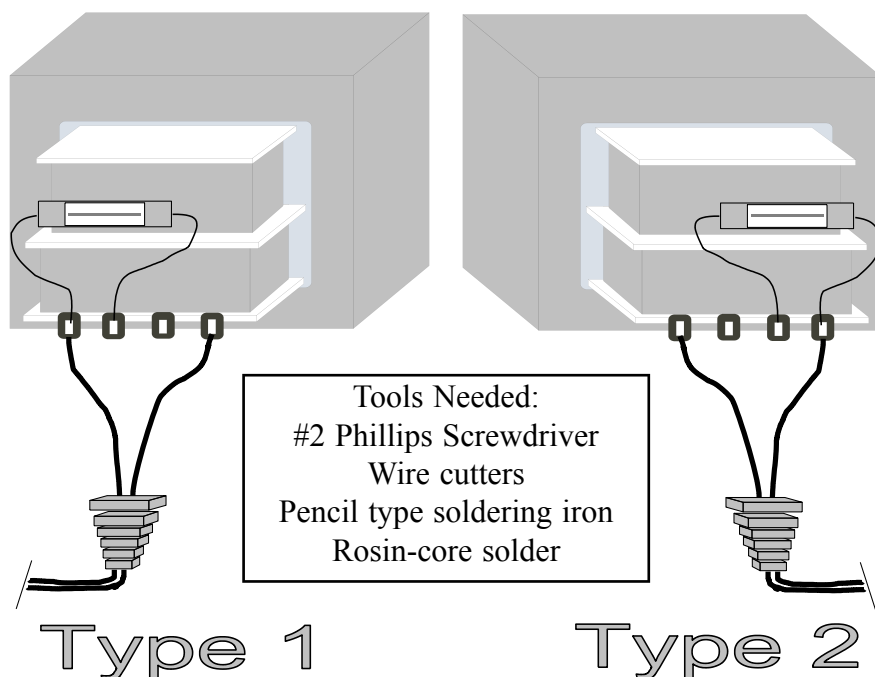


# CompuTrainer

## Power Supply Fuse Replacement



**(PLEASE NOTE:** Type 2 may have the fuse between the line cord and the first terminal.)

The fuse for CompuTrainer is located inside the Power Supply (the black box with the power cord). It is soldered to terminals on the line (wall outlet) side of the transformer inside the black box. There have been two versions of our Power Supply. The first (type 1) was manufactured from 1987 until 1995 and has the fuse soldered between the first and second terminals of the transformer. The second, (type 2) has the fuse soldered the same as type 1 except to the opposite terminals and possibly to the line cord. Please refer to the pictures above for details. Both types have the fuse covered with a piece of clear plastic or un-shrunk heat shrink and this fuse cover needs to be reused.

### Fuse Replacement

- 1) Before beginning the repair, please be sure the Power Supply is ***unplugged from the wall!***
- 2) Next remove the four screws from the cover using a Phillips screwdriver, remove the cover and lift out the transformer from its base.
- 3) Locate the fuse as noted earlier, make note of its connections, and clip it from the transformer terminal(s).
- 4) Remove the heat shrink from the old fuse and slide it over the new fuse.
- 5) Wrap the leads of the new fuse around the correct lead(s) of the transformer and apply solder.
- 6) Reinstall the transformer into the base taking care to insert the cable strain relief's into the base.
- 7) Install the cover by hand to make sure it is seated and reinstall the four screws.

Before bringing the repaired Power Supply into service be sure when you plug the Power Supply into the Load Generator that it is not plugged into the wall outlet. Always plug in the line cord only after all the other cables have been plugged into the CompuTrainer system. If this is a repeating fuse failure, you can possibly narrow down the cause by plugging in each component one at a time, cycling the power switch with each component added (Load Generator/power on-off/add DIN Cable/power on-off/add Handlebar Controller/power on-off). The component last added in-line that causes the fuse to blow should be repaired or replaced.

If the fuse blows again, please call RacerMate for service on the electronic components causing the fuse to blow.



3016 NE Blakeley St. Seattle, WA 98105 Tel (206) 524-7392 Fax (206) 523-4961  
Web sites: [www.racermateinc.com](http://www.racermateinc.com) ~ (forum) [www.racermate.net/forum/index.php](http://www.racermate.net/forum/index.php)