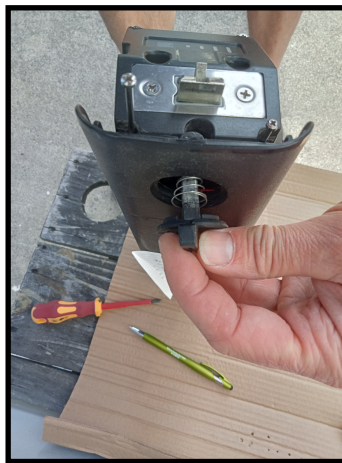


Rhino Battery CHARGING PORT FUSE (5A) - Check and Replacement

If the battery will not accept a charge despite the battery indicator showing that it is not full, the most likely cause is a blown fuse between the charge port and the battery. This can occur if the key or other metal object has been put into the charge port and shorted it out or a faulty charger has been plugged into it.

Before disassembling the battery, try a different charger if one is available.. it may be a faulty charger rather than a faulty battery.

Remove the latch end housing where the charge fuse is located:



- Undo central screw above latch while holding the latch lever down (it may have a spring under it).
- Once the latch lever can be removed, pull it out and remove the screw.
- Slide the curved top plate towards you and remove it. It might need a tap at the other end to get it moving.



- Undo the other outer 4 screws and pull the top housing off. Hopefully there will be a fuse holder in the housing with a 5A fuse in it. The fuse holder might be secured with a small blob of hot melt glue, and the fuse might be held in with a wrap of tape.
- Check the fuse. If it is blown, replace the fuse and reassemble in the reverse order. Test that it will accept a charge. If so, job done.

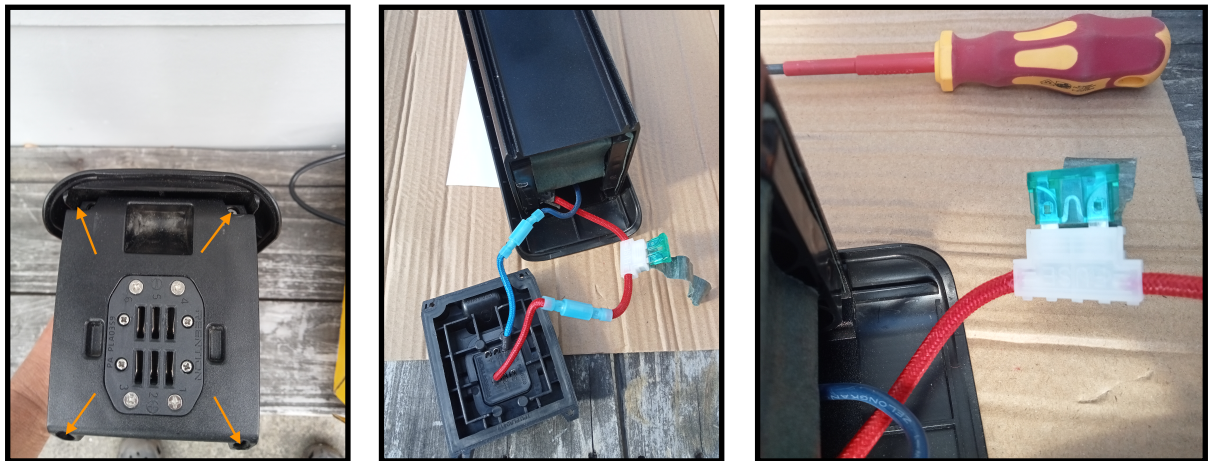
If there is no 5A fuse (only a 30A or 35A fuse that works for the main terminal and for the charge port) check the charge port for arc damage. Often the side terminal is completely blown apart by the arc. If so, the charge port is damaged and must be replaced.

If possible, fit a fuse holder and 5A fuse to safeguard the charge port in future.

See separate method sheet for charge port replacement and fitting a fuse holder or diode.

If you can't find any damage or blown fuses but the battery won't charge fully, it probably needs a new Battery Management System.

Rhino Battery MAIN FUSE (30 or 35A) - Check and Replacement



- Undo the other outer 4 screws and pull the top housing off.
- Pull out the fuse holder and check fuse
- Replace the fuse (30A or 35A) if blown.

See separate method sheet for charge port replacement and fitting a fuse holder or diode.

If you can't find any damage or blown fuses but the battery won't charge fully, it probably needs a new Battery Management System.