



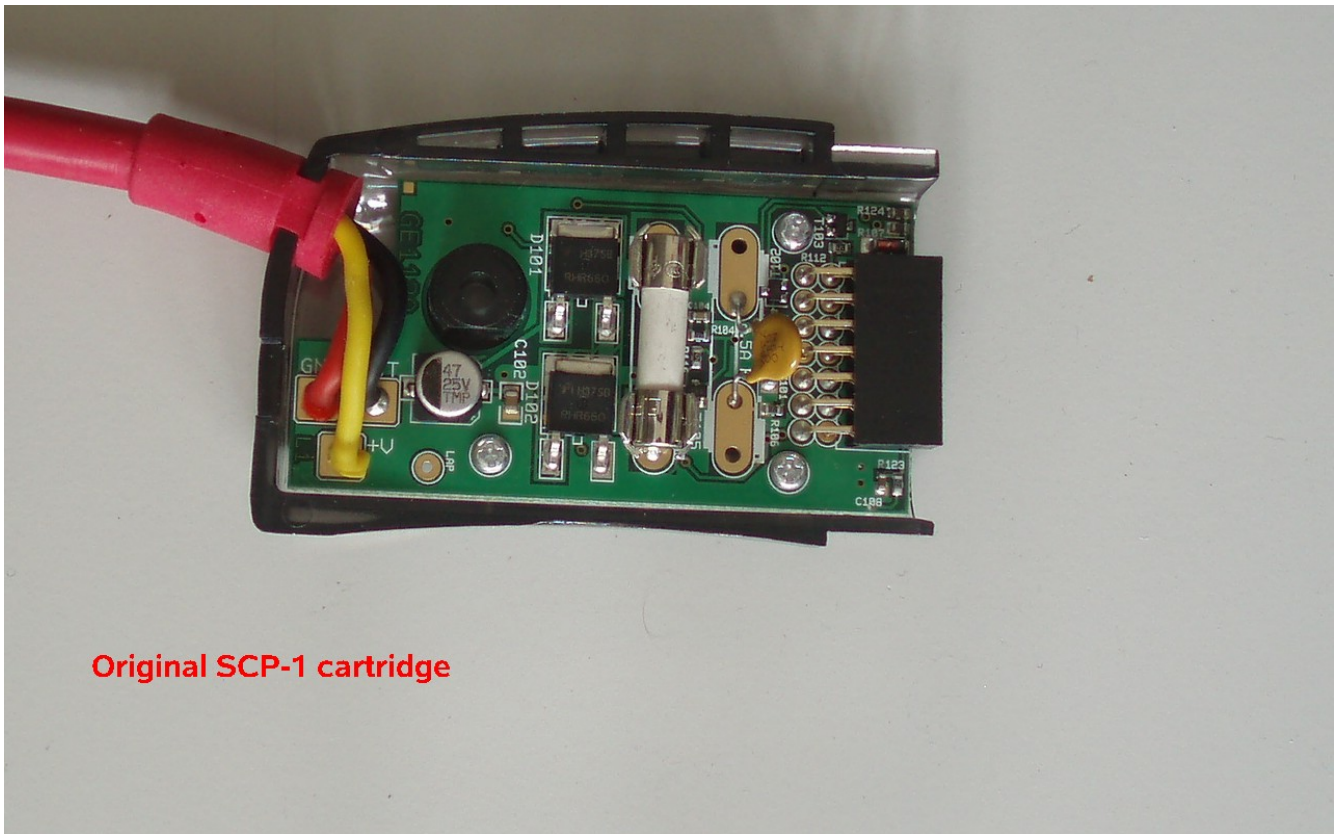
How to replace the automatic (retriggerable) fuse in the SCP1

This document applies ONLY to the first version (small retriggerable fuse) of the SCP-1 analog cartridge, positive polarity (common ground).

Some SCP-1 controllers show an erratic behaviour from time to time. Symptoms are commonly loss of brake after some usage, and/or the car going by itself. The symptoms go away when the controller is unplugged, but will at some point return.

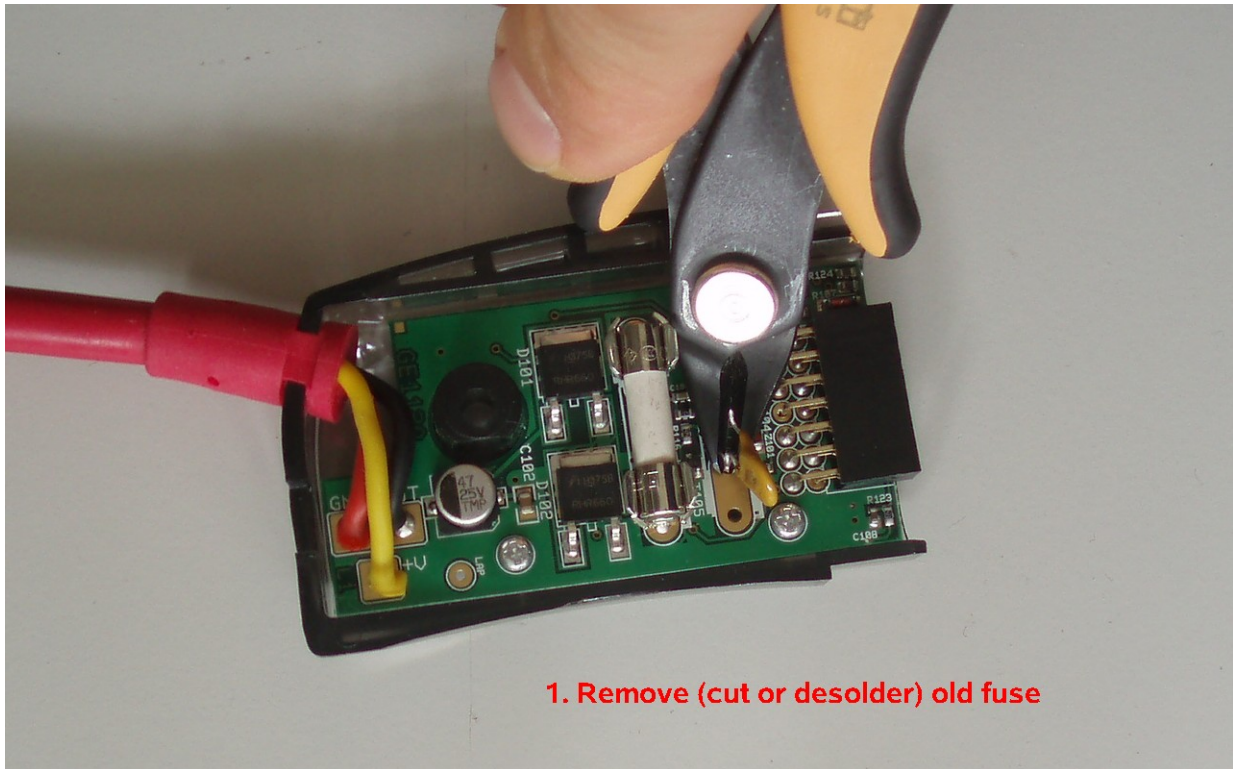
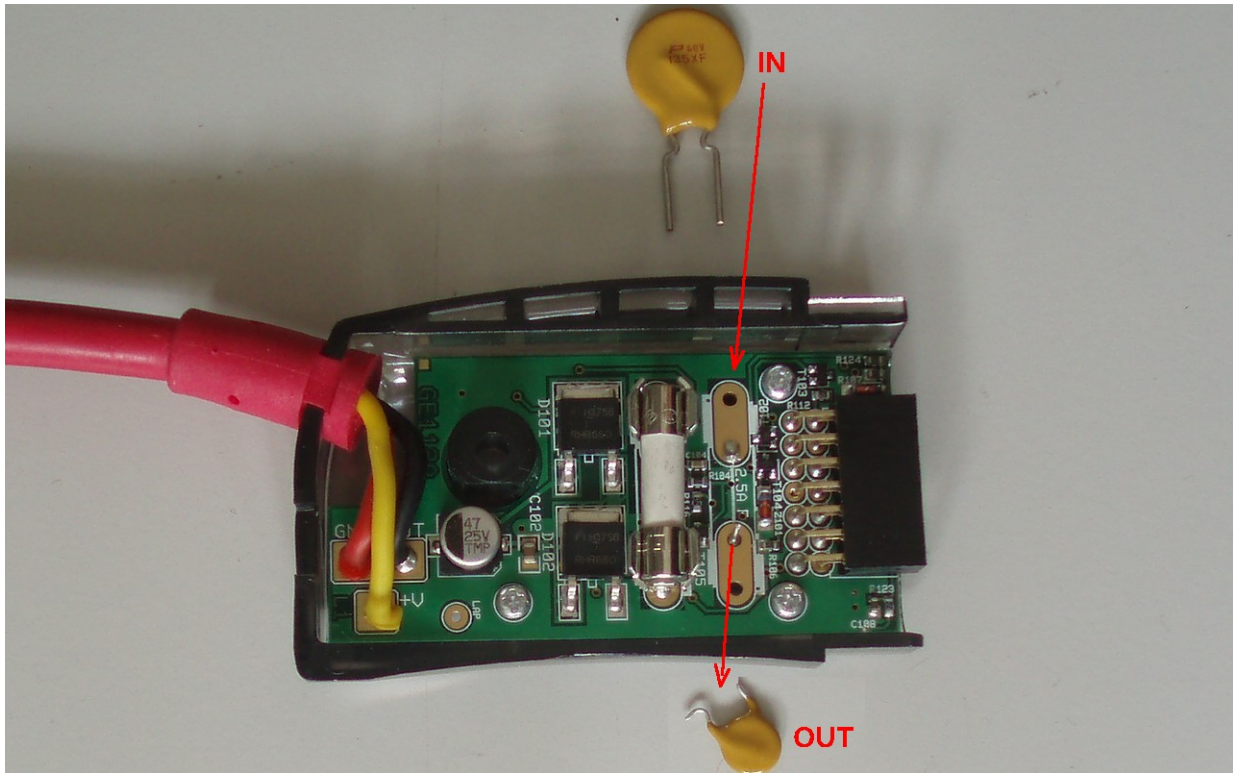
The problem is caused by the retriggerable protection fuse, which is a device that protects the SCP-1 against wrong connections (it does not have anything to do with short circuit across the rails).

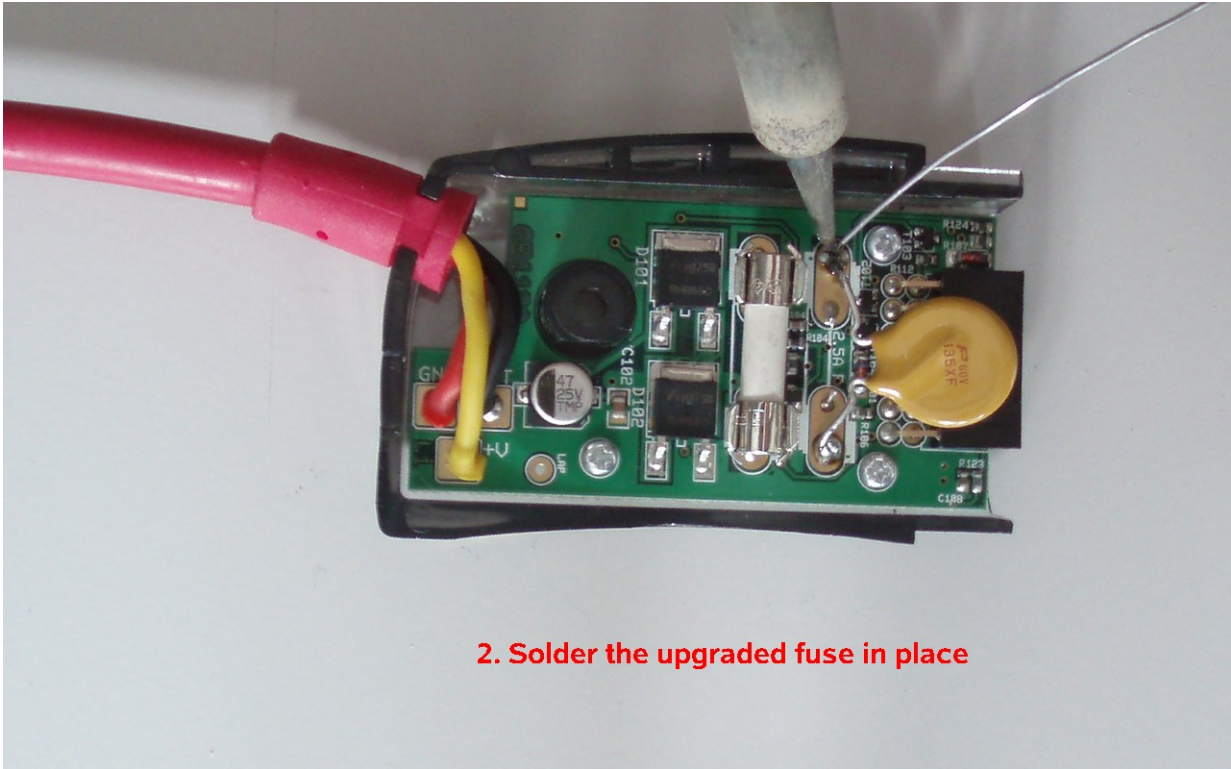
If your controller falls in this category, the original retriggerable fuse must be replaced by one which can withstand a larger current. Actually whether the operation must be performed or not is largely a matter of the cars driven with the SCP-1. All SCP-1s come now with the updated fuse but early devices might need this upgrade.



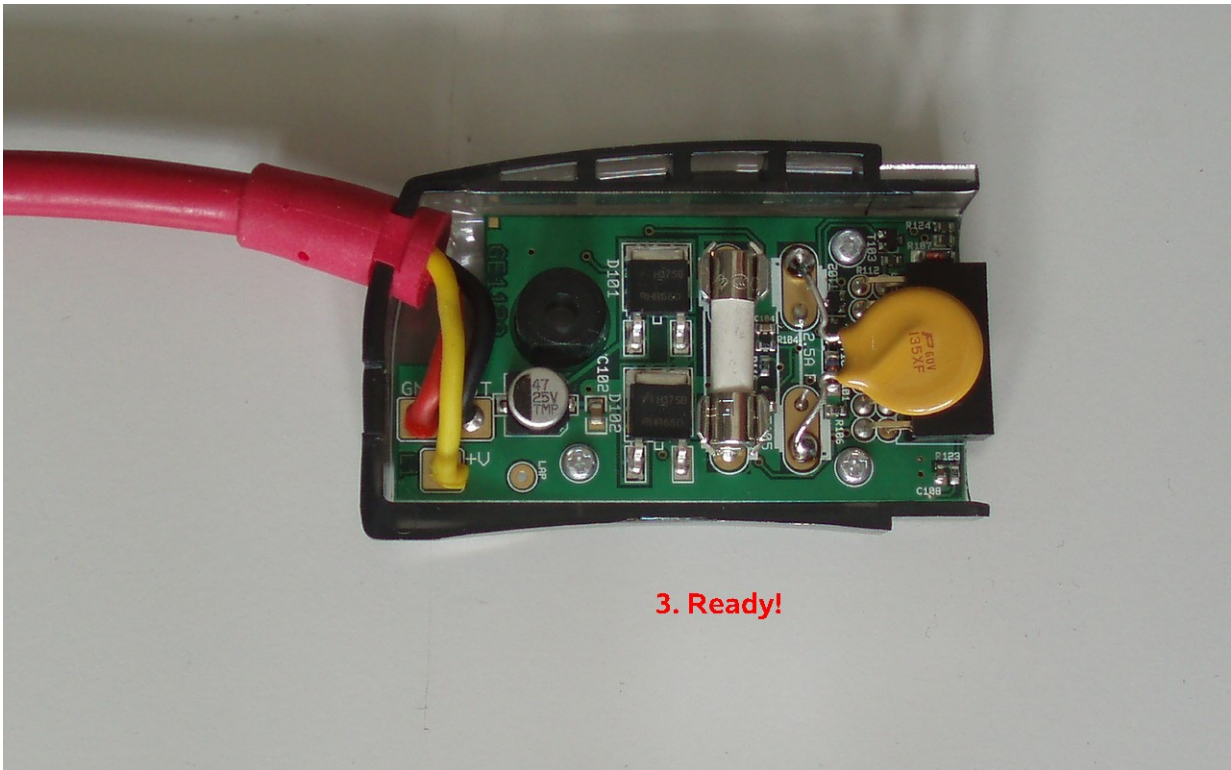
Check that the 'small lentil' carries the numbers R60 – 040. This is the part to replace.

If you have a large device with the numbers '135', you don't need to do anything as your controller is up-to-date





2. Solder the upgraded fuse in place



3. Ready!