

# Wagner & Griswold Society

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 What happened and can I fix it (Read 1780 times)

**Harry Riva**  
Forum Administrator



Retired and trying  
to keep Molly happy

Posts: 3941

 **What happened and can I fix it**

Aug 10<sup>th</sup>, 2010, 1:17pm

I had a large piece of a BSR Sportsman grill in the electrolysis and it was running fine and drawing over 20 amps. Other things needed done and i went about my business and promptly forgot about it for about 36 hours. When I checked it out the charger was still lit up but reading 0 amps with nothing going on in the tank. I went out today and tried the system out and the charger wont draw any amps. It's a Sears Die Hard 2/40/200 manual charger and had been running on the two amp setting. Is there an internal fuse that blows if the operator is an idiot? Can this thing be fixed to run again and can I do it without having to go back to school and learn the trade?

Harry

**John Wyatt**  
Ex Forum Member

 **Re: What happened and can I fix it**

**Reply #1** - Aug 10<sup>th</sup>, 2010, 1:20pm

It sounds like one of your wires may have become dislodged or lost contact.

Did you pull the wires off your set-up and test the charger externally from the electrolysis?

**Rick Gilley**  
WAGS member



WAGS:  
Heartbeat of  
Cast Iron Cookware  
Collecting

Posts: 3649

 **Re: What happened and can I fix it**

**Reply #2** - Aug 10<sup>th</sup>, 2010, 2:25pm

Harry, there is a non-serviceable fusible link inside...same thing happened to me. I took the back off..and followed the electrical cord to where it stopped inside the charger. Then I just bypassed the fusible link and it works just fine. After all its just a battery charger. What I suspected happened is what happened to me..your positive and negative touched somewhere and shorted it out.

**Tom Neitzel**  
Forum Administrator



So - What do they do  
with the rest of the  
mole?

Posts: 4559

 **Re: What happened and can I fix it**

**Reply #3** - Aug 10<sup>th</sup>, 2010, 10:23pm

Harry, I think Rick probably has the answer. I've not had it crap out. What has happened to me is that the bulb behind the meter burns out all the time. It's just an automotive bulb that is easy to fix.

I'll have a look inside and see what I can see.

Tom

**Chuck Rogers**  
WAGS member



WAGS: She Finds The  
Iron For Me

Posts: 8632

 **Re: What happened and can I fix it**

**Reply #4** - Aug 11<sup>th</sup>, 2010, 12:48am

I've burned out 2 chargers in the last month. Both were old used ones. I'll check the one for a fusible link, but the other one is shot for sure. When these things start to smoke, that's a bad sign. Thankfully I was there when it happened. The one I use now will "trip" every now and then. All I do is unplug it for a short time, plug it back in, and it works fine. I think it's thermal overload protection that is built into the charger, and only resets when you unplug it.

**Jesse and Kim  
Dunfee**

WAGS member



I Walk By Faith Not  
By Sight

Posts: 2717

 **Re: What happened and can I fix it**

**Reply #5** - Aug 11<sup>th</sup>, 2010, 6:36pm

Fuse...look in you owners manual

**Preston Edwards**  
WAGS member



Posts: 861

 **Re: What happened and can I fix it**

**Reply #6** - Aug 26<sup>th</sup>, 2010, 11:19pm

Thanks for all the info, I have 2 chargers and they are both shot or maybe not. I don't get any bubbles so I assume they are not doing there job. I will check out the fuse thing. My owners manual got lost 😞😞

Preston

**Tom Penkava**  
WAGS member



Posts: 1706

 **Re: What happened and can I fix it**

**Reply #7** - Aug 28<sup>th</sup>, 2010, 8:31pm

[Quote from Preston Edwards on Aug 26<sup>th</sup>, 2010, 11:19pm:](#)

Thanks for all the info, I have 2 chargers and they are both shot or maybe not. I don't get any bubbles so I assume they are not doing there job. I will check out the fuse thing. My owners manual got lost 😞😞

Preston

Most manufactures have a online website where you can download manuals. Also try google th find available manuals.

**Jeff Seago**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #8** - Sep 1<sup>st</sup>, 2010, 6:00am

When that happened to me it was because the negative lead burnt up. I was not using a heavy enough wire to go from the negative lead to the piece/s being cleaned. It got real hot and burnt to a crisp!!

Gotta Love WAGS!!!

Posts: 4823

**Preston Edwards**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #9** - Sep 1<sup>st</sup>, 2010, 11:18am

I made my set up from what Darrel Palmquist showed. I have never had any readings on my battery chargers except zero, but they always bubbled away and I cleaned a lot of iron. Can I bypass the circuit breaker by moving the neg to the other group of wires?

Preston

 [1\\_006.JPG](#)



**Rick Gilley**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #10** - Sep 1<sup>st</sup>, 2010, 7:52pm

Preston that is what I did...I bypassed a similar circuit when my charger quit working...and that took care of my problem.

Posts: 3649

**Preston Edwards**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #11** - Sep 1<sup>st</sup>, 2010, 10:05pm

Rick: I have removed the circuit breaker and the wire that says bat is hooked up to the other three wires. I just haven't plugged it in yet so if you hear a big bang its just me here in Idaho.

Thanks for the help.

Preston

**Preston Edwards**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #12** - Sep 4<sup>th</sup>, 2010, 11:07am

thanks everyone for all the info, I am back in business, I removed the circuit breaker and put in a new light. The yellow bubbles are flowing again. I discovered on my little bowl dated oct 10 1871 had two coats of paint one was a primer and the other was jet black, this was in another thread OCT 10, 1871. What I like about WAGS, someone can always help. Thanks again

Preston

**Shannon Sherrod**  
Ex Forum Member

**Re: What happened and can I fix it**

**Reply #13** - Sep 10<sup>th</sup>, 2010, 5:54pm

I'm a little slow here, I just to make sure what you did. Did you unhook the wires from the breaker, ran a bolt through all of them and tighten them all down together or did you clip off the terminal and twist/solder them all together?

**Preston Edwards**  
WAGS member  
★★★★★

**Re: What happened and can I fix it**

**Reply #14** - Sep 10<sup>th</sup>, 2010, 9:27pm

I unhooked the wire on the left marked -BAT- and the three wires on the right marked- AUX- and you are right, I ran a bolt through all four wires and tightened off with a lock washer added. I tied them off inside the charger so they would not come in contact with anything. It is working fine now. When working with the setup it is best to shut off the charger so no incidental contact between + and - are made.

Preston

Posts: 861