

### **Sega GameGear Screen Protector Installation Instructions**

Thank you for your purchase of a replacement Sega GameGear screen protector from Mortoff Games. We know you have a choice of where to purchase your repair parts and we appreciate your business. This guide will take you through the steps of installing your repair part. If at any time you have questions please don't hesitate to contact us at [CustomerService@MortoffGames.com](mailto:CustomerService@MortoffGames.com)

#### **Things You Will Need**

- Sega GameGear Screen Protector
- 4.5mm Nutsetter Security Bit
- Philips Screw Driver
- Flat Head Screw Driver
- Can of compressed air
- Clean area where small screws will not be lost
- About twenty minutes of free time

#### **Please Read**

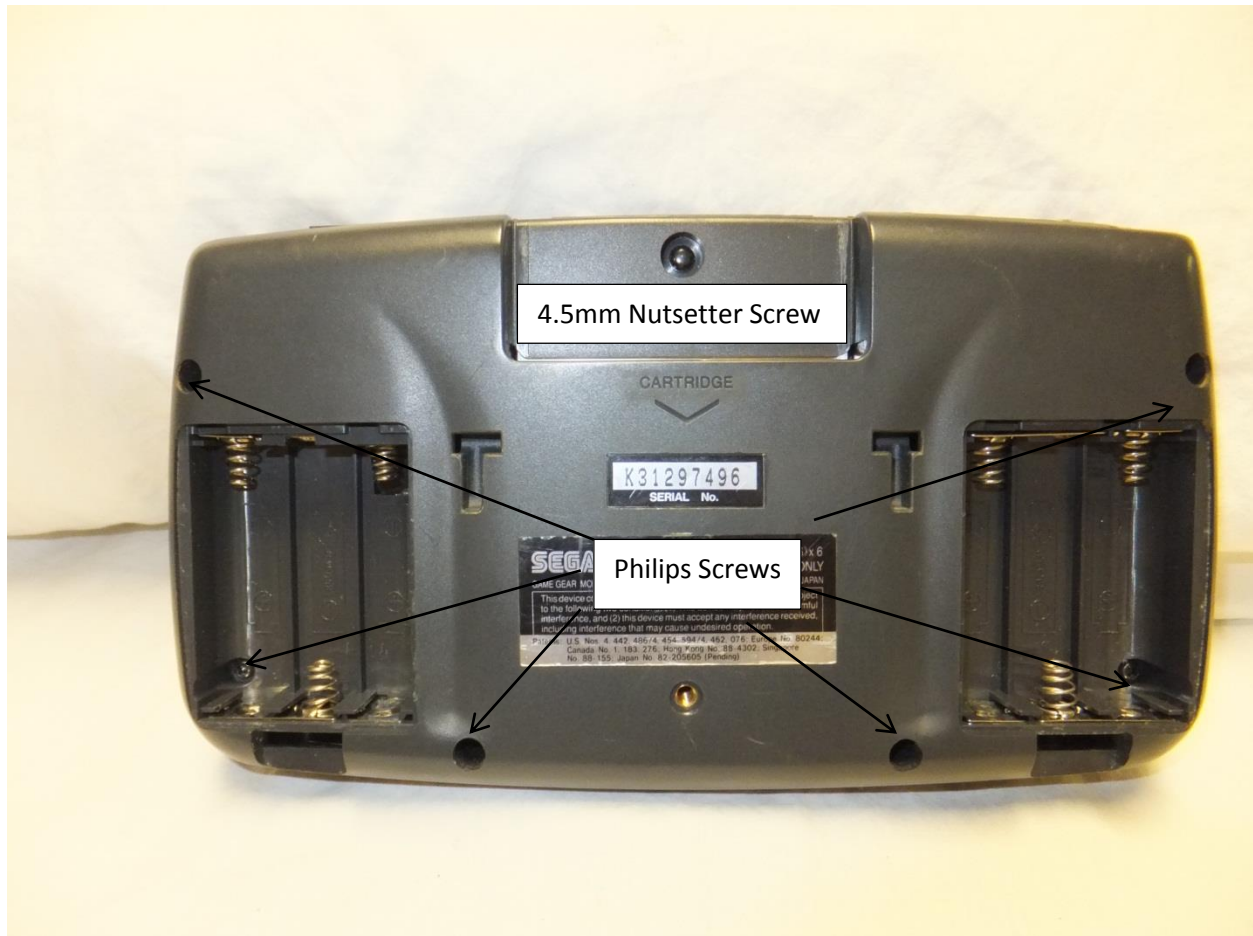
There are several ways of replacing your screen protector. This guide covers the most time consuming, although the one least likely to result in cosmetic damage to your system. If you would prefer to use a less time consuming method we recommend the following, although understand they may lead to damage to your system. This being started however the technical complexity of opening your system to replace the screen protector does require skill, time and patience. It is recommended that you read through the guide before choosing a repair method.

- 1) Get a plastic hook and super glue it to the front of the screen protector. Once it is bonded use it to pry the old screen protector off. Once finished use duster spray to clean off the LCD screen and then apply the new screen protector. Once it is attached remove the semi-transparent film on the front of the screen protector and you are ready to go.
- 2) Using a flat head screw driver pry off the old screen protector. Once finished use duster spray to clean off the LCD screen and then apply the new screen protector. Once it is attached remove the semi-transparent film on the front of the screen protector and you are ready to go.

**Step One:**

Before you begin it is very important that you understand that this method while it will most likely spare your case any cosmetic damage it has the rare chance of resulting in some damage to your system's LCD. It is also much more labor intensive and I would not recommend it unless cosmetics are very important to you.

To start flip your system over and take off the battery covers. Locate the six Philips head screws and the 4.5mm Nutsetter security screw all of which are holding the casing together. Remove all of these screws.

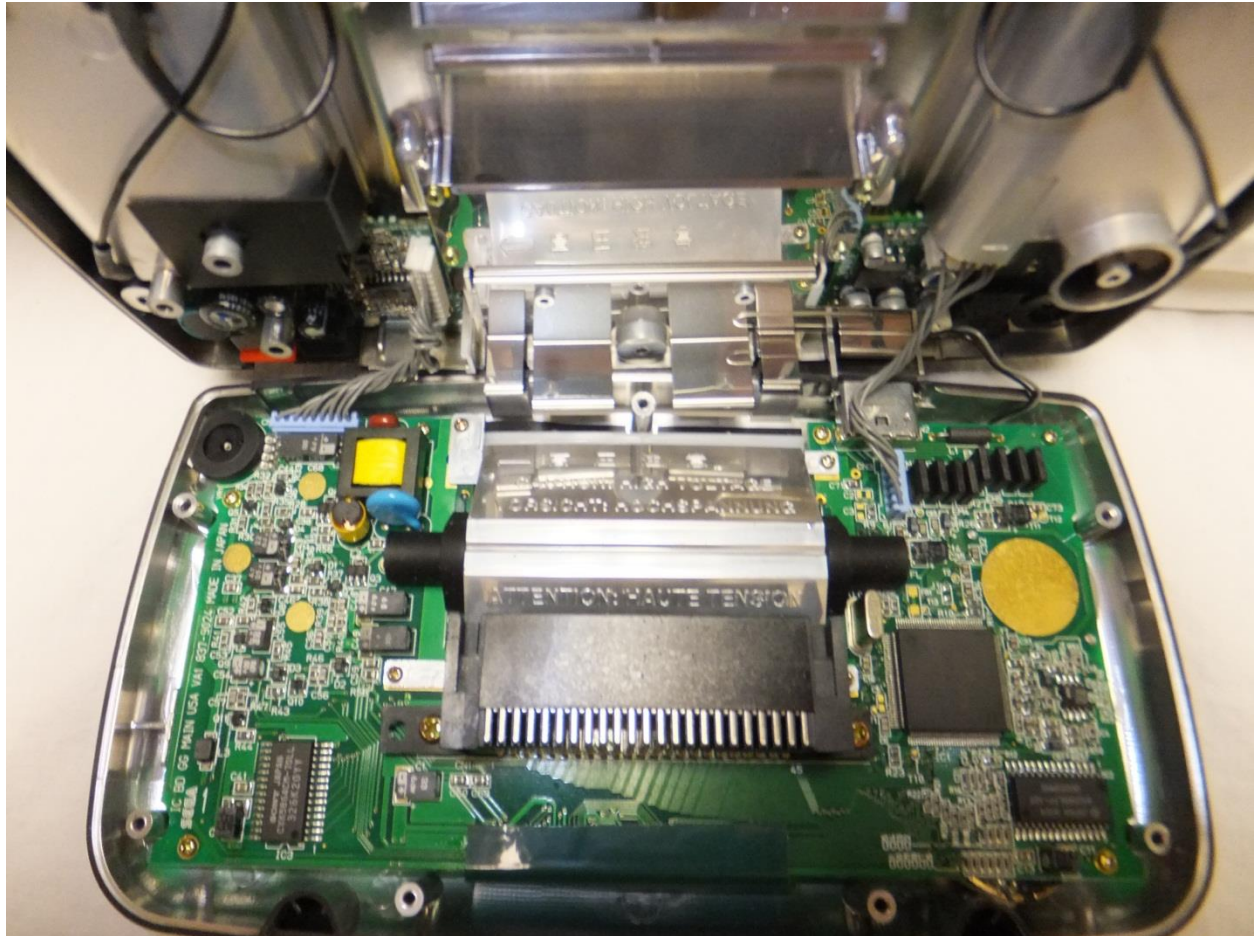


Picture One: Back Side of the Sega GameGear

Once the screws are removed please proceed to step two.

## Step Two

Once you have the casing screws removed gently open the console from the bottom or in other words the side closest to the battery compartments. There are a series of wires that connect the two halves of the system together and we don't want to disturb them. Your console should look like picture two once you open it open.



Picture Two: Inside of the Console One

Locate the Philips head screws and unscrew all of them in order to free the mother board from the plastic housing. Once removed please proceed to step three.



**Step Three:**

Now that you have the screws removed gently lift up the mother board. Your system should look like picture three below.



Picture Three: Inside of the Sega GameGear System

At this point press your thumbs against the screen protector thereby popping it off from the casing. At this point do not install a new screen protector yet. We recommend that you reassemble your system entirely, test that it is fully functional and that the screen is properly centered before you install the new screen protector.

Around the screen is a foam piece that typically separates from the casing with the screen. If it has separated remove it from the LCD and reinstall it to the plastic casing. There are holes on the foam piece that line up with holes on the plastic casing.

**Continued on next page**

**Step Three Continued:**

Next make sure that the rubber pads underneath the buttons are properly centered. If they are not the buttons will not work correctly and you will be disassembling the system again to fix this issue. Patience and attention right now will save you a lot of time later on.

Next slowly replace the mother board into the casing. It is very important during this step to make sure that you line up the LCD screen correctly. Honestly the best way to do this is trial and error until you get it right.

Once the mother board is in place screw it down to attach it to the casing and afterwards finish reassembling the system. We recommend that you test out the system at this point and make sure it is operating correctly in that the buttons work and the screen is displaying an image and is centered. If it isn't you will need to disassemble the system and try again.

Finally go ahead and use the can of compressed air to blow off any dust on the LCD screen. This is critically important as even a single speck of dust will be highly noticeable once the system is on. Also be careful not to touch the LCD as you will have a difficult time cleaning the screen without scratching it. Under no circumstances clean the screen using an abrasive material. Even paper towels can lead to serious damage to the screen.

Once the dust has been removed apply the replacement screen protector and then remove the semi-transparent film on the front of it. Boot up your system and enjoy. If your system is not working correctly after you install the replacement screen protector please see our troubleshooting section at the end of this guide.

### **Troubleshooting Section**

We are sorry to hear that your installation did not go as anticipated and you ran into complications. Please read from the list of problems and choose the one that most closely resembles your issue. You can also contact us at [CustomerService@MortoffGames.com](mailto:CustomerService@MortoffGames.com) for assistance.

**1) My screen doesn't work**

- a. This is because it is disconnected from the mother board. Open up your system and see where the cable has come loose. If possible reinsert the cable and retest your system.

**2) My buttons no longer work**

- a. This is because the rubber pads underneath the plastic buttons are dislodged and not centered. You will need to open up the system and reposition the rubber pads.

**3) My screen is scratched or has dust on it**

- a. If your LCD screen was scratched during installation it cannot be repaired.
- b. If your screen has dust on it you will have to open up the system and use compressed air to remove the dust.