

Hello,

I am writing this simply because I needed to replace my Magnepan MMG grill cloths, (or socks as most people call them), and felt there are other people out there that may enjoy seeing how to do it. There is not a lot to do to replace the socks so you will find there are more pictures to look at then instructions to read. I have placed comments below the pictures where they are appropriate.

Here is an outline to follow to replace the Magnepan MMG socks.

1. Disconnect the speaker wires.
2. Lay the speaker on the side supported by the legs.
3. Remove the 4 wood screws holding on the side trim.
4. Using a pencil, mark the top, bottom, and left or right on the trim piece to assure you install the original trim piece on the original side of the speaker it was removed from.
5. Flip the speaker over and remove the other trim piece marking it as you did the first trim piece.
6. Carefully lay the speaker flat on the floor, face down.
7. Remove the legs and the 4 screws that hold them to the speaker.
8. Remove the staples from the bottom of the speaker panel that is holding on the sock.
9. Remove the staples at the top left and right holding down the sock corners.
10. With the speaker lying on the front side remove the 4 screws holding on the speaker wire / fuse holder plate.
11. Mark the color of the wires connected on the backside of the plate beside each of the 3 spade connectors. Now remove the 3 wires from the back of the plate and set the plate to the side until reassembly.
12. Stand the speaker up using help from someone else or carefully leaning it up against something.
13. Slide the sock off by peeling it up from the bottom.
14. Remove the new sock from the package and make sure you have turned it inside out from how it is shipped so the sewed seam goes on the inside of the sock.
15. Carefully side the new sock down the speaker.
16. Making sure the seam is on the inside of the speaker lay the speaker flat on the floor, front side down.
17. You will find the sock is much longer than the speaker. Using scissors, trim the sock down at the open end leaving enough extra to staple it to the bottom of the speaker. Be sure to leave plenty of extra sock as you will be trimming city again.
18. Staple the sock on the rear side of the speaker first as the front side of the sock will cover your work on the rear. This is also important so you do not see seams from the front of the speaker. You will find the sock is stretched across the crossover components and the wires you remove from the connector plate. The stretch across the crossover components is unavoidable, in the next step you will cut out a small area to gain access to the connection wires. Staple the sock all the way across leaving at least one staples distance from the ends for the cloth edge that gets folded over. I found it best to work from the center of the speaker stapling outwards to ward the edge.
19. Prior to sock on the back to gain access to the connection wires place the fuse plate in place to be used as a template to locate the holes for the wood screws to hold the plate in place. Using a sharp pointy object through the screw hole of the fuse plate find the original screw hole and poke a hole through the grill cloth. I actually used a ballpoint pen to find and poke the hole through the grill cloth.
20. After finding the original holes cut an X in the center of this square area to gain access to the connection wires.
21. Connect the wires back to the fuse plate matching the wire color to the marking you wrote prior to removing them.
22. Place the fuse plate back in place and install the 4 screws.
23. Using your fingers locate the holes the leg screws were originally installed in. Using the same pointy object you found the fuse plate holes with, locate and poke through the grill cloth at the 4 spots where a screw belongs for the legs. Install the leg screws.
24. Now trim and extra of the rear sock just after the staples. Do not trim the front of the sock.
25. You are now complete with the backside of the speaker.
26. Carefully turn the speaker over and lay it front side up.
27. Pull the sock tight so it looks nice and repeat stapling it down as you did with the rear side.
28. When this is complete simply take the unstapled edges on each end and fold them into the bottom of the speaker and stapling them down.
29. Now you can trim the cloth after the staples just along the edge of the backside of the speakers.

30. Install your legs and put any replacement logo plates back on if you have replacements. If you do not have replacements and have used the originals, just peel them off and use a little glue on the backside of the plate to hold them to the new cloths.

All finished. As you can see it took longer to type this up than to actually replace the cloths. It's so easy. You now have the option of keeping your MMGs looking brand new, or changing their look with a different sock color. I have found Magnepan Corporation is great to work with and happy to sell you new socks in any color choice they have available for the MMG.

Enjoy,  
Jim



Here is the replacement socks in their shipping package.



Use a good fitting screwdriver so you do not damage the screw.  
When reinstalling the screw you will find the woodscrew will go back through the new cloth and into the original screw hole without any trouble at all.



Remember to mark the trim piece so it goes back on where it originally came from.



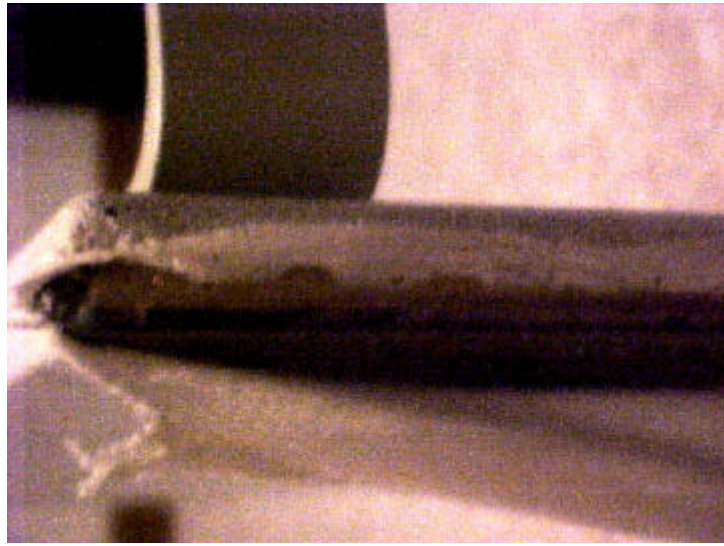
Here's a picture of the original staple work from the factory.



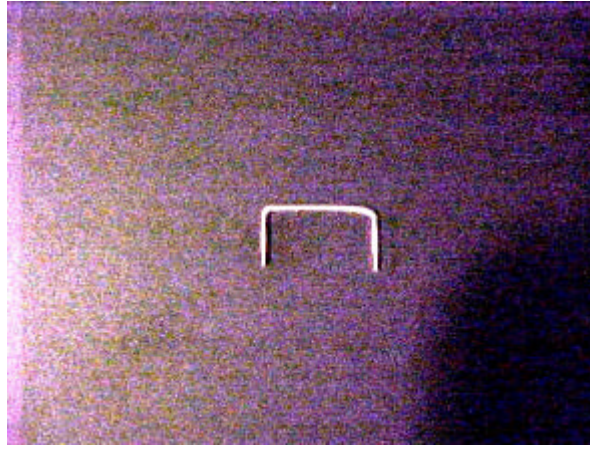
Here is a picture of the top grill cloth ear stapled down.



Here is the top ear of the grill cloth with the staple removed.



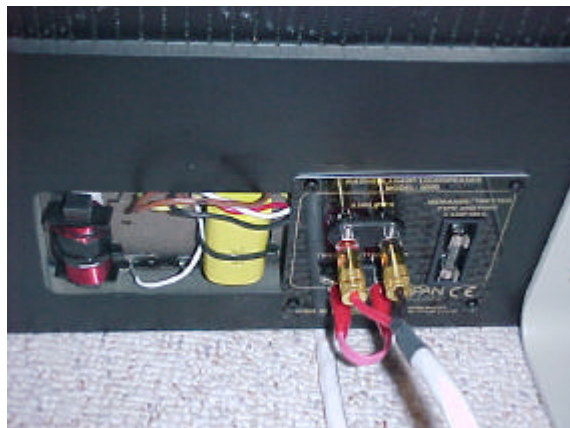
Here the staples have been removed from the front of the speaker.



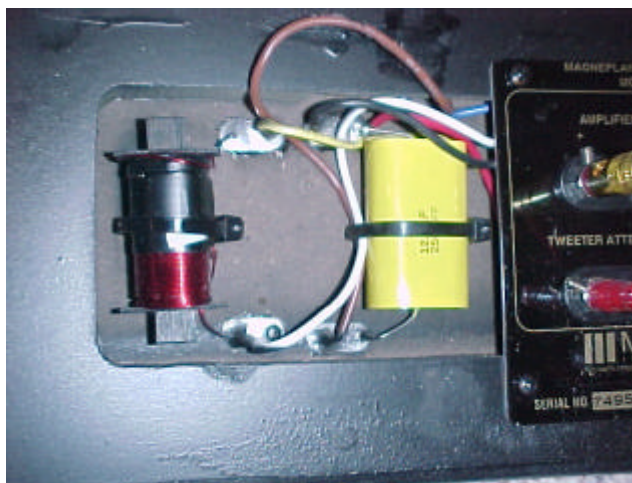
The staples are standard ¼ inch staples. I found 44 of these across the bottom of the speaker holding on the sock.



Here the sock is lifted exposing the coil in the crossover.



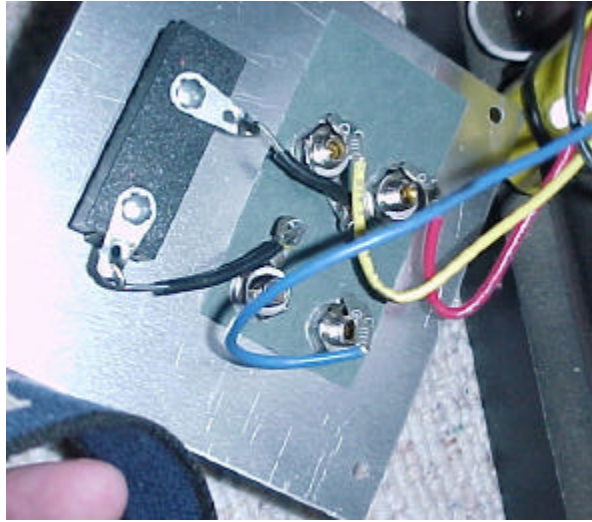
The sock has been removed. The coil and caps in the crossover are fully exposed. The speaker connector plat has been screwed back on just so I could get a good visual for this picture.



Here is a closer view of the crossover.



Another crossover view just because it's cool.



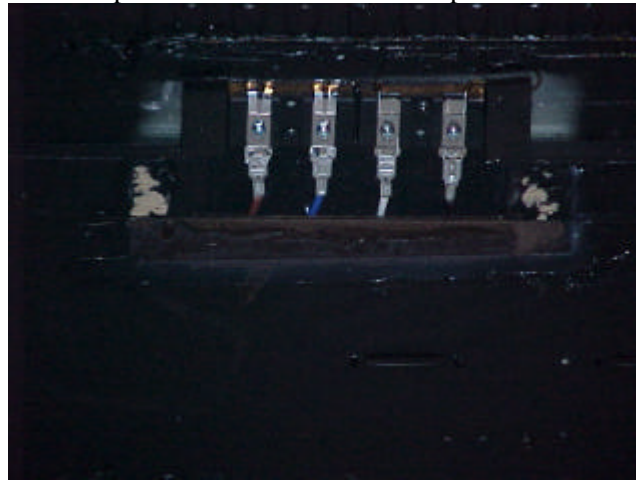
Here's the back of the speaker connector / fuse plate.



Here's a naked right panel.



This picture is showing you a close up of the lower front of the speaker. The square black part is a cardboard cover over the speaker connections from the panels to the crossover.



Here are the connections to the panels behind the cardboard cover.



This is a close up of the left panel. Note the tuning plug on the panel.





This is a picture of the back of the left speaker.



This picture did not come out well, but here is a picture of the speaker with the new sock installed.