

# UNDERBAG INSTRUCTIONS

These instructions are primarily intended for use with Magnepan speakers with underbags. This includes but is not limited to the MG1.5, 2.6, 2.7, the MG3.x series, the MG20.x series, and the MG30.x series. It might also be helpful for older models with just a standard fabric cover, but that also have a ribbon tweeter, such as the MG-III, IIIa, T-IV, and T-IVa

Before starting this process we recommend you read these instructions in full. Make sure you have a clean and flat workspace as it may be easier to lay your speaker(s) down for parts of this process. Verify that you have the necessary tools and supplies. It might be a good idea to take pictures of your speaker(s) first before you start this process—that way you can consult the pictures if you have questions when you're putting things back together. Additionally it is recommended that you work on one speaker at a time.

For questions or to order more parts contact the Magnepan Service Department at [service@magnepan.com](mailto:service@magnepan.com) or (651) 262-1934.

## REMOVAL:

- 1.) For models with True Ribbon Tweeters, attach the Tweeter Protector Strip
- 2.) Remove the four feet/base bolts completely and detach the feet/bases from the speaker. Set them aside for later. (Additionally, where applicable remove handles, external crossover boxes, and/or any extras or accessories.)
- 3.) Carefully lay the speaker face-down (with the nameplate facing up) on a flat working surface.
- 4.) Remove the four screws from the nameplate.
- 5.) Gently pull the nameplate forward. **DO NOT DISCONNECT THE NAMEPLATE OR CUT ANY WIRES.** Remove any staples, if any, from around the terminal opening (behind the nameplate).
- 6.) Slip the nameplate through the opening in the cover so that it is underneath the fabric. You may then choose to put 1-4 screws back in order to prevent the nameplate from moving around, and/or to prevent losing the screws.
- 7.) For ribbon tweeter models, remove the tweeter using the RIBBON TWEETER REMOVAL/INSTALLATION instructions.
- 8.) Remove the staples that are securing the Underbag down around the Tweeter channel.
- 9.) Remove the Stiles and Spacers from the speaker using the STILE REMOVAL/INSTALLATION instructions. You may also use the GRILLE COVER INSTRUCTIONS for further reference and diagrams.
- 10.) Remove the two rows of staples from the bottom of the speaker. There may also be a staple in the top corners, underneath where the stiles were. If so those will need to be removed as well.
- 11.) At this point the Underbag should be completely free; it is sewn like a pillow case and can be slipped up and off.

## INSTALLATION:

- 1.) The new Underbags(s) will likely arrive inside-out (seams visible). Turn the Underbag right-side-out and take notice of the directionality of the fabric. The knit loops have a curvature to them that look like “smiles,” or “frowns.” You can use the other speaker to compare and make sure you have the “smiles” on the front. It is not vital sonically but it is noticeable if the fabric directionality doesn't match between your speakers.
- 2.) Once you have your Underbag ready and facing the desired way, slip it over the top of the speaker. Try to keep the seams relatively straight on each side of the speaker as you pull the fabric down. After the fabric is all the way pulled down snug, adjust the seams to make sure they are straight and smooth.

- 3.) Pull the fabric tight, and staple it to the bottom of the speaker in two rows, folding the fabric over the first staple row. (It is best to try to recreate the staple pattern that Magnepan uses, this will create clean and taught finish) Cut off the excess fabric close to the second staple row.
- 4.) For some models, there may be a bit of extra fabric that tufts at the top corners of the speaker. You may wish to fold this over in a neat triangle and use one staple vertically to hold this down.
- 5.) Using the backside of a sooth marker (or similar), press the fabric down onto the tape within the tweeter channel. (You may wish to apply new double-stick tape before installing the Underbag to aid in this process). Staple the fabric down, over the tape, around the Tweeter channel making sure to not staple over or too close to the screw holes. Two staples, evenly spaced, in between each screw hole is recommended. Using a razor blade or soldering iron, cut the fabric in the center of tweeter channel starting about an inch from the top of the channel and ending an inch before the bottom of the channel—just the back of the Underbag, there is no need to cut the front.
- 6.) Create a hole in the fabric so that the nameplate can be slipped through. You may wish to use a soldering iron for this so as to create a clean hole, though a razor blade or scissors will work. Then rescrew the nameplate in place.
- 7.) The Stile and Spacer screw/bolt holes will need to be pieced or burned. A soldering iron is ideal for this. Both the front and back of the Underbag will need to be burned/pieced in this way.
- 8.) Reattach the Stiles using the STILE REMOVAL/INSTALLATION instructions. You may also wish to use the GRILLE COVER INSTRUCTIONS for Grille Cover installation or reference.
- 9.) Install the Ribbon Tweeter following the RIBBON TWEETER REMOVAL/INSTALLATION instructions.
- 10.) Create small holes in the Underbag for the feet/base bolts. A soldering iron is ideal for this. Depending on the model you may also wish to burn any accessory holes, such as handle holes or External crossover bracket holes.

## EXPLODED TOP/BOTTOM VIEW

**For models with wood stiles, these will be screws with washers. Some models have plastic washers and some have metal.**  
**For models with aluminum stiles these will be bolts with washers.**

