

Pagoda Grille Badge

Standard Mounting Procedure

Hello! As much as I tried for a seamless experience, alas, it is not to be. After creating this mounting kit with a bunch of [reasonably] available off the shelf parts, I then had to order all the said parts in bulk. What happened is that the bulk parts came in slightly different in size. The fender washers and neoprene washers are a bit thicker, and the spacers just a bit longer. *The result is the spacers need about 3mm taken off, such that we have just a bit more of the threaded stud at the back.* Otherwise, there isn't enough exposed stud in which to place the flat and lock washer, and the wing nut. So read this through, look at the photos and then mount your badge.

Contents of Standard Mounting Parts Kit:

- 2 x 50mm M4 threaded studs
- 2 x M4 Stainless Steel wing nuts
- 2 x M4 Stainless Steel flat washers
- 2 x M4 Stainless Steel split ring lock washers
- 2 x (12 x 30mm) black nylon spacers/standoffs.
- 4 x Neoprene cushioning washers, 1.25" OD by .25" ID by .0625" thick
- 4 x Stainless Steel fender washers, 1.25" OD by .25" ID by .050" thick

Note: in case you need extra parts, most of these parts are mostly readily available at a fastener store, home center, hardware store or similar—if not exactly, they are in a close enough configuration. If you for some reason you need additional parts from this group and cannot source them, please let me know.

Standard Mounting Procedure Sequence:

1. Place a drop of Loctite, Superglue, Gorilla Glue or some other thread locker or sealant in each of the raised bosses on the back of the badge:



2. Insert each stud into the boss, and then using a pliers, grasp the stud close to the boss, and gently tighten the stud into place. *Don't worry about any damage to threads, the thread on the stud isn't used here.*



3. Trim approximately 3mm or so off each black nylon spacer. You can do this in any number of ways, the easiest is probably by using a hacksaw and a vice or vice-grip tool. It will only take a few moments to saw through; ensure each spacer is the same length. Smooth out the cut with a file or sandpaper.

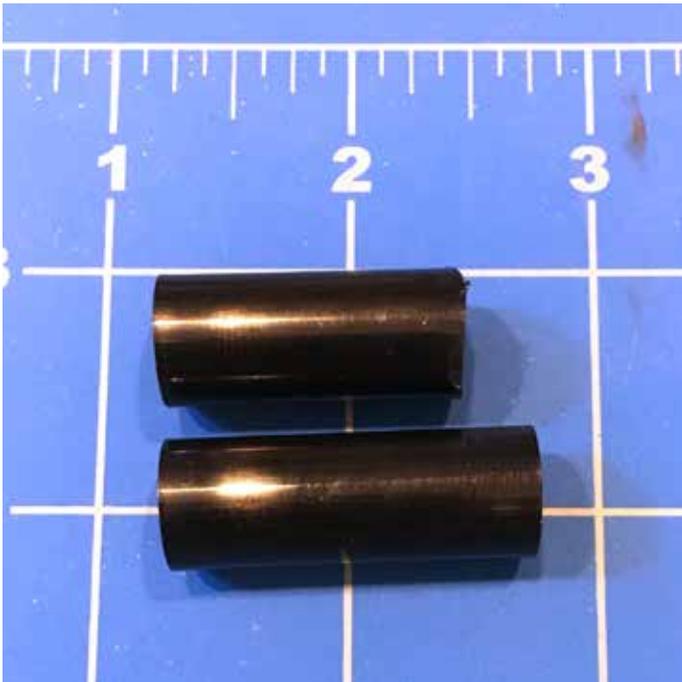


Photo immediately above is the shortened spacer on top, the original spacer on the bottom. Photo on the right is the spacer in a vice, ready to be trimmed with a hacksaw.



Photo immediately to the left shows the spacer cut.

4. Place the trimmed spacers, cut side down, over the threaded studs. They will sit over the raised bosses.



5. Place a stainless steel fender washer on top of each spacer:



6. Place a neoprene washer on top of the stainless steel fender washers:



7. Take the assembly and place through your grille screen, below the wing. Center it vertically such that the edges of the badge don't hit the chrome wing on the top or the surround on the bottom. Note that the grille screen has horizontal slats. You may need to remove the assembly to replace it one slat higher or lower. When you have it located where you want, hold it in place with your left hand. If you want it on the right side of the grille star, or if you are left handed, you may want to reverse my references to Left and Right here.



8. Now, reach THROUGH the grille star, and feel for the back of the studs. On each stud place the following in sequence: a neoprene washer, a fender washer, a flat washer, a split ring lock washer, and then a wing nut. Gently tighten the wing nuts to a uniform amount of tightness. The lockwasher and neoprene will hold it in place--if you overtighten you may bend the grille screen.



9. Though you will not be able to see it easily the back of the mounted assembly looks like this:



10. The fully mounted assembly looks like this:



Some notes: if you remember from early on, some people had said they had tried to mount grille badges in the past without success. Most grille badges come with these long studs, and if mounted flat on our grille screen, it is possible that when you lift the hood (bonnet) these protruding screws will interfere with the opening and or damage the good. I devised this mounting procedure to prevent this problem and also to bring the badge forward of the grille screen, not only for appearance but for airflow as well.

You are not bound of course to use this method, but it is one that works. Alternative methods can include:

1. Devising a bracket of some kind, and mounting the badge in conjunction with a front license plate.
2. If you have nothing in your front plate area, you could mount the badge directly to where the front license plate bracket may be.
3. You could grind off the bosses on the back of the badge, and using a self-stick foam tape, hold the flat badge to the left or right of the rear license plate.

If you come up with other ideas, either on or off the car, please share them with your fellow members on the forum.

Michael Salemi