

Instructions – PMB-01-1100

Thank you for your purchase! We are confident that you will be pleased with the quality of our product.

Parts List:

1-Spark Arrestor Base
1-Nozzle
1-Screen
3-M6 Bolts
8-Self-tapping Screws

Tools List:

Drill
Flat Screwdriver
Hammer
Hacksaw
Center Punch
13/64" Drill Bit
High-Temp Silicone Sealant

NOTE: Read the instructions carefully before starting the installation. **You will not be able to re-use the stock end cap after installing this product!** If you do not have all the required tools or are not comfortable performing the work involved, have your dealer install the spark arrestor for you.

Figure 1



Figure 2



Figure 3



To install your new spark arrestor:

1. Remove exhaust pipe from the bike and clamp the mounting tab securely in a vise. Place something between the vise jaws and the mount to prevent any marring of the aluminum mount.
2. Use a flat head screwdriver and a hammer to break the epoxy seal around the aluminum end cap and the steel inner core of the exhaust pipe. **Figure 1.**
3. Using a 13/64" drill bit, drill out the rivets holding the stock end cap in place; make sure to remove the head of the rivet.
4. Use a center punch or similar device and a hammer; push the remainder of the rivets through the hole and out of the stock end cap.
5. Using a flat head screwdriver and hammer, push the end cap out of the exhaust canister. **Figure 2.** Move to several different locations around the end cap in order to push it out evenly. The perforated inner core is welded to the end cap, so they will come out together. If you are having problems removing the stock cap, using a heat gun on the canister sleeve may make this easier.
6. Carefully remove the end cap and perforated inner core from the packing material.
7. Remove all pieces of the old rivets from the packing material inside of the muffler canister then carefully remove the packing material. You will re-use the material, so keep it in its bag. If the bag tears during removal, carefully tape it together with masking tape prior to re-installation.
8. Separate the aluminum portion of the end cap from the steel inner core. **Figure 3.**
9. Using a hacksaw, cut the perforated inner core from the steel portion of the end cap. Make this cut directly in from of the steel portion of the end cap. **Figure 4.** The perforated inner core will now be separated from the steel end cap. **Figure 5.**

Figure 4



Figure 5



10. Test fit the spark arrester base to make sure the inner baffle is cut to the correct length.
11. Use a file to remove any sharp edges from the cut off portion of the perforated inner core.
12. Smooth out the bag of fiberglass packing material and wrap it tightly around the perforated inner core.
13. Install the perforated core and fiberglass packing into the muffler canister. Make sure that the end of the perforated core with the L-shaped stopper is installed first. This will keep the perforated core in place after the installation is completed.
14. Apply some high-temperature silicone sealant to the outer stepped portion of the spark arrester base, and a generous amount to the surface where the perforated inner core will be retained. You must use high-temperature silicone to prevent vibrations!
15. Install the new spark arrester base; make sure that the base is pushed up tight to the muffler.
16. Install one self-tapping screw at a time by drilling a 13/64" hole at each rivet location. Each time you drill a new hole and install a self-tapping screw, make sure the base is pushed up tight to the muffler. *Note: We recommend using lubricant for the self-tapping screws, such as WD-40®.*
17. Clean up excess silicone sealant.
18. Insert the spark arrester screen and install the turndown nozzle with the M6 bolts provided.

CAUTION:

You must check the condition of the spark arrester often! Your spark arrester will not function properly if there are holes in the screen!