

Instructions – PMB-01-1105

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
1-Adapter

Tools List:

Drill
Hammer
Hacksaw
Heat Gun
Center Punch
13/64" Drill Bit
3/8" 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

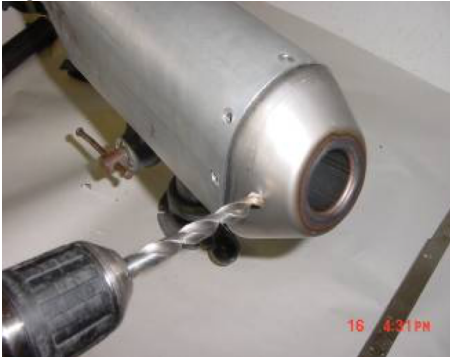


Figure 2



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. 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.
3. Using 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.
4. Drill a 3/8" hole through the side of the stock endcap to provide a place to grip or drive the endcap off. **Figure 1.** Once again, you will not be able to re-use the stock endcap, so drilling or bending it will not affect the finished installation. Using the heat gun, heat the muffler canister where it is joined to the stock endcap. This will loosen the factory sealant.
5. Carefully remove the end cap and perforated inner core from the packing material.
6. 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.
7. Use a hacksaw to cut the inner core from the end cap. **Figure 2.** Cut as close to the endcap as shown and remove sharp edges.
8. Install the tubing adapter (included) onto the end of the perforated inner core. **Figure 3.**
9. Insert the perforated core (tubing adapter going in first) into the muffler. For proper installation, the perforated inner core must be trimmed flush with the end of the muffler canister. Make sure the inner core is properly aligned and pressed tightly into the muffler.

Figure 4



Mark the perforated core flush with the muffler canister and trim and file as necessary until it is flush with the canister. **Figure 4.**

10. Wrap the fiberglass packing material tightly around the perforated inner core.
11. Install the perforated core and fiberglass packing into the muffler canister.
12. Apply some high-temperature silicone sealant to the outer stepped portion of the spark arrestor base, and a generous amount to the surface where the perforated inner core will be retained. **Figure 5.** You must use high-temperature silicone to prevent vibrations!

Figure 5



13. Install the new spark arrestor base; make sure that the base is pushed up tight to the muffler. Clean up excess silicone sealant.
14. 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®.*
15. Clean up excess silicone sealant.
16. Insert the spark arrestor screen and install the turndown nozzle with the M6 bolts provided.



CAUTION:

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