

ENDO'STM

SPARK ARRESTORS

Thank you for purchasing the Pro Moto Billet Spark Arrestor end cap. We're sure you will be pleased with your purchase. Follow these instructions for a quick and easy installation:

Instructions- Spark Arrestor-PMB-01-1106

Parts List: (1) end cap base, (1) nozzle, (3) M6 bolts, (8) rivets

NOTE: If you do not have the following tools, have your dealer install the end cap for you. Tools that you will need during the installation:

Drill	Hammer	3/16" drill bit	Hi-temp Silicone sealant	Heat Gun or Torch
Rivet gun	Flat screwdriver	Center punch		

You will not be able to re-use the stock end cap after installing this product! Read the instructions carefully before starting this installation. If you are not comfortable performing the work involved, have your dealer install the end cap for you.

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 3/16" drill bit, drill out the rivets that hold the stock end cap in place; make sure to remove the head of the rivet.
3. Use a center punch and a hammer to push the remainder of each rivet through the hole and out of the stock end cap.
4. Use a heat gun and a box knife or scraper to loosen the epoxy seal around the aluminum end cap and the silencer canister as shown in **figure 1a and 1b**.



Figure 1a

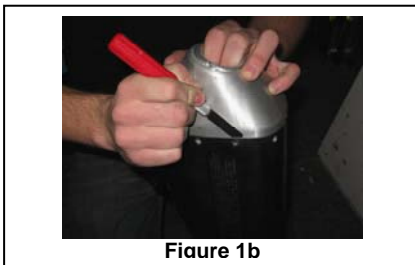


Figure 1b

5. Drill a 3/8" hole through the side of the stock endcap to provide a place to grip or drive the endcap off (**Figure #2**). Once again, you will not be able to re-use the stock endcap, so drilling or bending it will not effect the finished installation. Be careful not to bend the canister as this may interfere with 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.

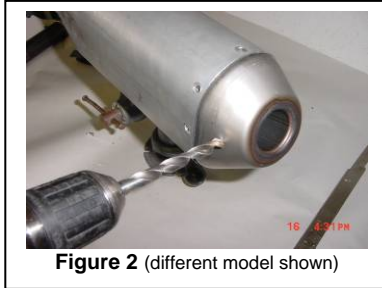


Figure 2 (different model shown)

6. Carefully slide the end cap and perforated inner core out of 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 as shown in **figure 3a and 3b**.



Figure 3a



Figure 3b

Questions? Call:
Pro Moto Billet
11461 Lone Star Rd.
Nampa, ID 83651
208-466-4762
sales@promotobillet.com

9. Attach the stock inner core to the new ProMoto Billet Endcap as shown in **Figure 4**

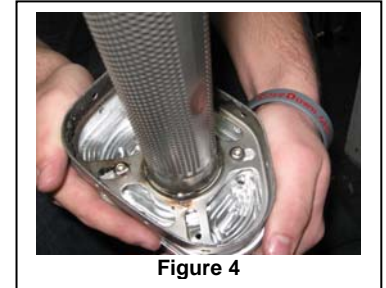


Figure 4

10. Smooth out the bag of fiberglass packing material and wrap it 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 end cap, and a generous amount to the surface where the perforated inner core will be retained. You must use high temperature silicone to prevent vibrations!
13. Install the new end cap receiver; make sure that the receiver is pushed up tight to the muffler as shown in **figure #6**

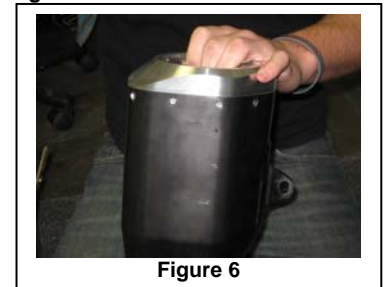


Figure 6

14. Clean up excess silicone sealant.
15. Install one rivet at a time by drilling a 3/16" hole at each rivet hole location. Each time you drill a new hole and install a rivet, make sure that the end cap is pushed up tight to the muffler.
16. Clean up excess silicone sealant.
17. Insert the spark arrestor screen and install the turndown nozzle with three M6 bolts.

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!