

ENDO'S™

SPARK ARRESTORS

Thank you for purchasing the Pro Moto Billet Spark Arrestor end cap. We're sure you will be pleased with your purchase!

Instructions: (PMB-01-1111)

Parts List: (1) end cap base, (1) inner core spacer, (1) nozzle, (3) M6 bolts, (10) self-tapping screws, (1) screen

Tools that you will need during the installation:

NOTE: If you do not have these tools, have your dealer install the end cap for you.

| | |
|----------------------------|---------|
| Drill and 13/64" drill bit | Hammer |
| High Temp. RTV silicone | |
| Heat Gun | |
| Center punch | Hacksaw |

Silent inserts available!
Reduces noise by up to 4db!

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 protective material between the vise jaws and the mount to prevent any marring of the aluminum mount.
2. Use a 13/64" drill bit, to drill out the rivets that hold the stock end cap in place; make sure to remove the head of the rivet. **FIGURE 1A**
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. Once again, you will not be able to re-use the stock end cap, so drilling or bending it will not affect the finished installation. However, be careful not to bend the canister as this may interfere with the finished installation. Using a heat gun, heat the muffler canister where it is joined to the stock end cap. This will loosen the factory sealant.
5. Remove the stock end cap by gripping it with a pair of pliers/channel locks and tapping with a rubber mallet. Be sure to apply even pressure and do not damage the canister. If stock end cap is difficult to remove, drill two holes in the end cap and slide a long screwdriver through. Pull stock end cap off using both ends of the screwdriver as handles. **FIGURE 1B**

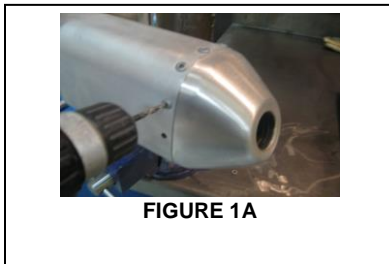


FIGURE 1A

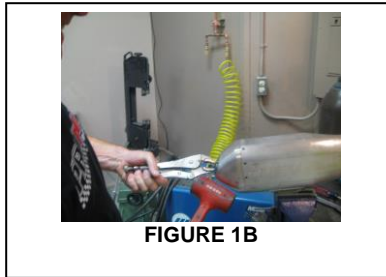


FIGURE 1B



FIGURE 2

6. Stock end cap will likely be destroyed during removal. **FIGURE 2**
7. Remove the inner core and use a hacksaw or band saw to cut the inner core flush with the inside edge of the support. **FIGURE 4**

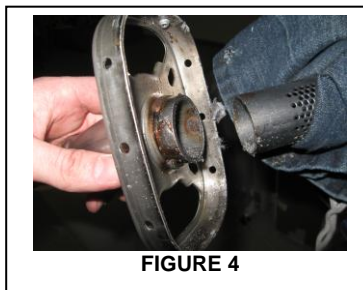


FIGURE 4

8. Discard the end of the inner core containing the support.
9. Apply high temperature RTV silicone to the outside end of the inner core. Slide the end of the inner core spacer with the smaller inner diameter on to the inner core **FIGURE 6**

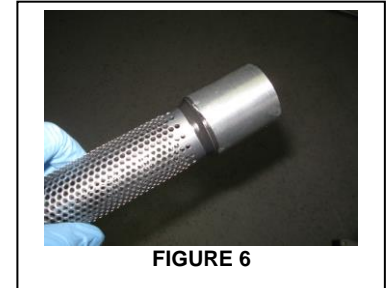


FIGURE 6

10. You must use high temperature RTV silicone to prevent vibration and damage to the canister. Coat the end cap base and outside of inner core spacer. **FIGURE 7**

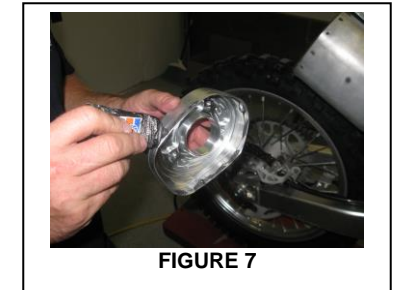


FIGURE 7

11. Install end cap base; the inner core should fit inside of the end cap and the end cap should fit inside of the canister. **FIGURE 8**

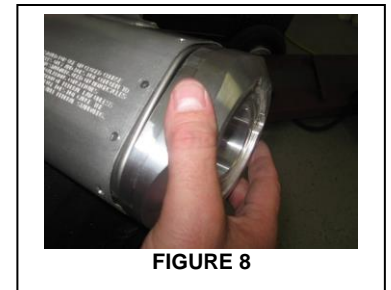


FIGURE 8

12. Lightly tap everything together with a rubber mallet and use a piece of cardboard or similar material to protect

the finish on the end cap. **FIGURE 9**



FIGURE 9

13. Wipe the excess silicone off the seams of the end cap. If you do not it will set and harden when the exhaust heats up.

FIGURE 10



FIGURE 10

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 that the end cap is pushed up tight to the muffler. **FIGURE 11**

We recommend using lubricant for the self-tapping screws.



FIGURE 11

15. Clean up excess silicone.
16. Insert the spark arrestor screen and install the turndown nozzle with three M6 bolts. **FIGURE 12**
17. **You must clean and inspect the spark arrestor screen often. We recommend checking it every time you clean your air filter or change your oil.**



FIGURE 12

Questions?

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Check out our Kickstands, Billet Cargo Racks, Shark fins and other billet accessories at...

