

Instructions: PMB-01-1110

Parts List: (1) spark arrester base, (1) nozzle, (3) M6 bolts, (8) self-tapping screws, (1) screen

Tools that you will need during the installation: Drill and 13/64" drill bit Hammer
High temp. RTV silicone Heat Gun
Center punch Hacksaw

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

Silent inserts available!

Reduces noise by up to 4db!



FIGURE 1

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 spark arrester 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 1**



FIGURE 4

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. Pull the stock end cap out of the muffler. Remove the stock end cap by gripping it with a pair of pliers/channel locks and tapping lightly 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.
6. Use a hacksaw/band saw to cut the inner core flush to the outside base of the inner core. **FIGURE 4**
7. Remove and discard outside base and end section of inner core. **FIGURE 5**



FIGURE 5

8. Grasp remaining inner core using pliers/channel locks and carefully remove. Hold packing in place while removing inner core.

9. Use a hacksaw or band saw to cut the inner core. **FIGURE 6A** A line should be present around the circumference of the part approx. 1/4" from the step. Cut on this line. **FIGURE 6B**

10. Place the inner core back into the canister, the cut edge of the inner core should be recessed about 1/4" from the edge of the canister. Do not force the inner core further into the canister. Installing the spark arrester base will seat inner core at the proper depth.

11. Coat the spark arrester base with high temperature silicone on the stepped portion that will go into the canister and outside of inner core. You must use high temperature RTV silicone to prevent vibration and damage to the canister.

12. Install spark arrester base; the inner core should fit inside of the base and the base should fit inside of the canister. **FIGURE 9**

13. Lightly tap everything together with a rubber mallet and use a piece of cardboard or similar material to protect the finish on the spark arrester base. **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 base is pushed up tight to the muffler. **FIGURE 12** We recommend using lubricant for the self-tapping screws.

15. Clean up excess silicone.

16. Insert the spark arrester screen and install the turndown nozzle with three M6 bolts.

17. **You must clean and inspect the spark arrester screen often. We recommend checking it every time you clean your air filter or change your oil.**



FIGURE 6A



FIGURE 6B



FIGURE 9



FIGURE 10



FIGURE 12