

ENDO'STM

SPARK ARRESTORS

Thank you for purchasing the Pro Moto Billet Spark Arrestor end cap. We are sure that you will be pleased with your purchase! If you have any questions during the installation of your end caps, please give us a call.

Instructions: HONDA 2013-14 CRF450R (PMB-01-1112)

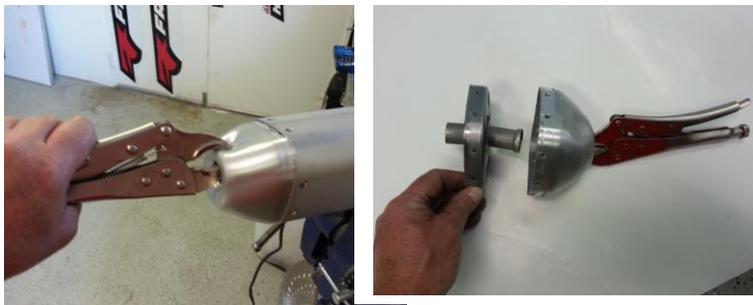
Parts List: (1) right base, (1) left base, (2) nozzles, (4) 5MM Bolts, (16) self-tapping screws, (2) screens

Required Tools for Installation: (If you do not have these tools, have your dealer install the end cap for you)

Drill	13/64" drill bit	Center punch
Hammer	Silicone sealant	
Allen wrenches	(Optional heat gun and box knife)	

Removal of Existing End caps

1. Remove side panels and mufflers per manufacturer instructions.
2. Using a 13/64" drill bit, drill out the existing rivets holding the stock end caps in place. You do not need to drill all the way through the muffler canister, but you must make sure to drill deep enough to remove the head of the rivet. You may find it easier to mount the muffler in a vise, holding on to the muffler mounting tab.
3. Using a center punch, or similar device, and a hammer, drive the rivets through the existing end cap and into the muffler.
4. Pull the stock end caps and baffles out of the mufflers, see pictures below. The stock end caps may be difficult to remove. If you are having problems removing the stock caps, cut the existing sealant with a sharp knife and/or use a heat gun on the canister sleeves to make removal easier. If necessary, use a pair of locking pliers to grip on to the end cap. Remove any leftover sealant that may still be on the inside of the muffler.



WARNING: Remove all pieces of the old rivets from the packing material inside of the muffler canister.

NOTE: The bases **MUST** be installed on the correct side of the bike with the proper side towards the bottom of the muffler. Each end cap base is labeled near the upper bolt where the nozzle is installed. The end cap labeled 1112R (right) will be installed on the right side (throttle side) with the label towards the top. The end cap labeled 1112L (left) will be installed on the left side with the label towards the top.

Installation of new Pro Moto Billet Spark Arrestor End cap

1. To begin, check to make sure you have the right base on the right side.
2. Apply a small amount of high temperature RTV silicone sealant (Permatex, Ultra Black 598B or equal) around the stepped portion of the new end cap base, which will be inserted into the muffler. This will seal the end cap and help prevent vibration.
3. Insert the new end cap base into the muffler until the edge of the base meets the edge of the muffler.
4. Install one self-tapping screw at a time by drilling a 13/64" hole at each rivet location in the muffler. Each time you drill a hole and install a self-tapping screw make sure that the end cap is pushed up tight to the muffler.
5. Clean up excess silicone sealant.
6. Insert the spark arrestor screen and the nozzle.
7. Install 1 long M5 bolt in the top hole and install 1 short M5 bolt in the bottom.
8. Repeat for other side.
9. Reinstall mufflers and side panels.
10. 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.

NOTE: Your new Pro Moto Billet end caps are coated with a colored anodized finish. Anodizing will fade by prolonged exposure to sunlight. To insure your end caps remain looking their best, do not store in direct sunlight and remove any mud or debris as soon after riding as possible.

Questions?

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