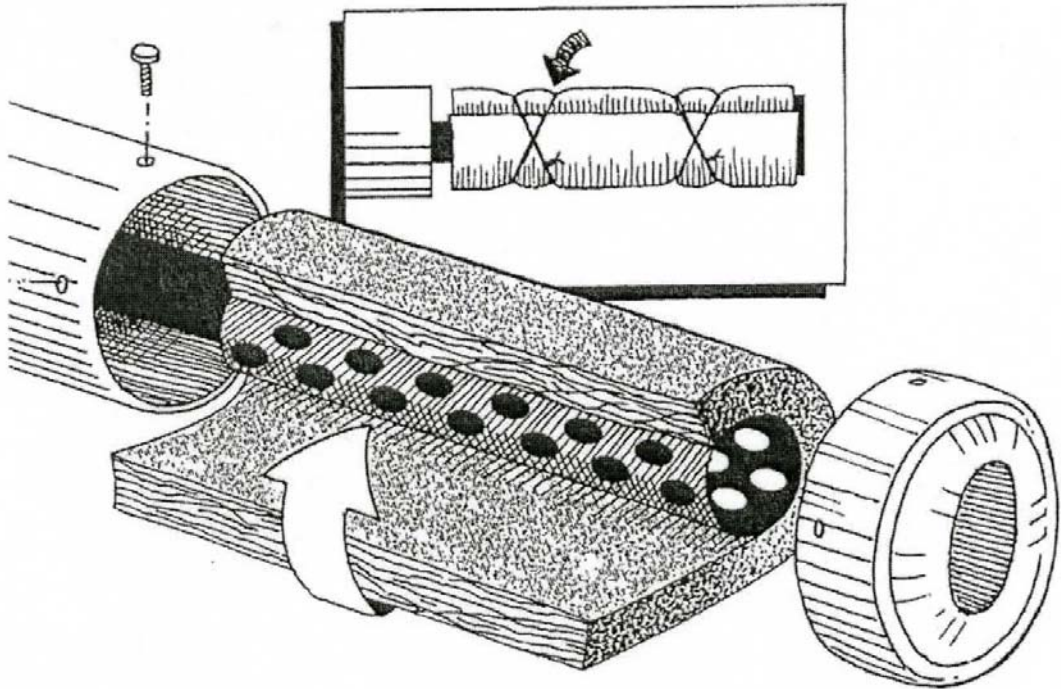


MOOSE RACING®

FIBERGLASS MUFFLER PACKING

PART NO: M701
DESC. MUFFLER PACKING 10.5" X 16"
VN-P#

U OF M: EACH MADE IN: USA



MOOSE RACING®

Thanks for purchasing Moose Racing's Premium Grade Fiberglass Muffler packing material. Your enjoyment of this product is directly related to your understanding of the installation procedure, so please read the following directions carefully.

A well packed silencer core gives you more than just a quiet engine. The exhaust system back-pressure and tail pipe effective diameter are both critical to engine performance. Over time, the filaments in your bike's muffler packing, fracture and break off leaving less and less glass attached to the core. The packing that remains becomes clogged with oily carbon. Everyone knows that this leads to a very noisy bike, but the effects of the engine's powerband are just as serious.

The engine was designed to use a tail pipe with very specific dimensions in length and diameter. As the muffler packing wears out, the stinger diameter is effectively increased since the exhaust gases are no longer contained within the perforated pipe. Eventually the effective diameter becomes as large as the inside of the silencer body itself. This leads to a very noticeable peaky and erratic powerband. So, the effects of a blown out muffler are similar to those of a worn out piston, but with Moose Racing's Premium Grade Fiber Glass Packing Material they're a whole lot easier to repair.

MUFFLER PACKING INSTRUCTIONS

Remove the silencer core, unwrap and discard any remaining fiberglass material. Clean the perforated pipe carefully, opening up any holes which have clogged shut. This can be achieved by soaking the entire core in non-flammable solvent, then scraping the outer surface with an old knife or file and poking through the holes with a pointed object. Do not use a propane torch or other flame to heat the core, since this actually adds more carbon than it removes. When the core has been fully cleaned and all available holes are open, you are ready to wrap the core.

Begin by cutting several 18" lengths of mechanics wire or safety wire. You'll use them to secure the glass to the core, but you want them handy before you begin wrapping. If you do not have any wire, you may substitute plastic zip ties, or even duct tape in a pinch, but these materials won't hold up as well in the long run. Measure the width of the core that you are packing, and cut the fiberglass sheet to that width using a pair of scissors. Then wind the fiberglass tightly around the core. If you are using more than one layer, keep the material as tight as possible between layers. Build up enough material around the core to make it a very snug fit inside the silencer body. When you have completed wrapping, use the wire to tie the fiber glass into a tight roll. Wrapping the wire in an "X" pattern will hold the best. The end product should be a very tightly wound core that fits tightly inside the silencer body.

