



Titanium 2



SILENCER INSTRUCTIONS

(12-02/#000256)

Thank you for purchasing the FMF Titanium 2 silencer for your motorcycle or ATV. We have spent countless hours of design work and testing to insure you receive the highest quality product on the market today.

Your FMF Titanium 2 silencer has been developed using the latest design, testing and manufacturing technologies. Your silencer is manufactured from an anodized extruded aluminum canister, with a titanium stinger, performance flow endcap and uses space age sound-absorbing packing material.

The FMF Titanium 2 is designed to give you a balanced power enhancement in a lightweight, fully rebuildable, factory sounding silencer.

Check out our website www.fmfracing.com for more information.

Please read all instructions thoroughly before installation. Failure to follow all installation instructions completely will void any FMF warranty implied or otherwise. FMF Racing will not be held responsible for problems derived from improper installation and/or improper usage.

Before you begin installing this product, be sure you are wearing **eye protection** and gloves. You should have a complete understanding of how to remove and replace your stock exhaust. If you do not, you should have it installed by a professional mechanic. Keep all OEM parts when removing your stock exhaust, as some parts may be utilized with the FMF exhaust depending on your particular application.

Recommended Tools and Supplies for Installation

8mm, 10mm, and 12mm socket or T-handle wrenches

Flat-blade screwdriver

Contact Cleaner

Hi-temp Silicon

Removal

- 1) Remove plastic side panel to gain access to the silencer.
- 2) If your silencer is connected to the pipe with springs, remove them at this time.
- 3) Loosen and remove the bolts securing the silencer to the frame.
- 4) Slip off the silencer from the pipe and remove silencer completely.

**** Keep all mounting hardware, as it may be used during installation of the new FMF silencer ****

Pre-Installation

- 5) Using a flat-blade screwdriver, remove the OEM rubber bushings from the silencer and install them in the FMF silencer, if applicable.
- 6) Slightly loosen the mounts securing the pipe to the frame.
We recommend loosening the pipe when installing a new silencer to insure proper fit and alignment.
- 7) Clean the pipe to silencer junction on the pipe with contact cleaner to remove all dirt and debris.



Titanium 2



Installation

- 8) Apply a thin layer of hi-temp silicon over the pipe where the silencer slips over.
Install the OEM pipe coupler, if applicable, at the pipe to silencer junction.
- 9) Slip you silencer over the pipe and loosely install using your existing hardware if applicable.
- 10) Slowly tighten all mounting fasteners to OEM specified torque specs, starting from the front of the pipe and working back. Make sure the pipe and silencer are in neutral positions and not binding.
- 11) Inspect the complete motorcycle or ATV exhaust system to make sure the exhaust system is not in contact with the frame, shock spring, engine or any cables, hoses or wiring. The exhaust system should only be in contact with the exhaust port and mounting points. Confirm all controls operate in accordance with the manufacturer's specifications.

Post-Installation

- 16) Refer to our website for our model specific jetting recommendations and make any needed changes at this time. **Our website jetting recommendations are to be used as a guide only. There are too many variables outside of FMF's control to give you an exact configuration. If you're not capable of tuning your motorcycle or ATV yourself, please find a mechanic in your area who is capable to take on this role.**
- 17) Start the engine and bring it up to operating temperature. Check for exhaust leaks.
- 18) Let engine cool completely and re-torque all mounting hardware to the manufacturer's specifications.
- 19) **Always check your jetting before using your motorcycle or ATV for the first time when installing new products that alter intake or exhaust flow.**

Maintenance

To clean your FMF silencer, simply use soap and water when it becomes dirty. Let pipe cool before cleaning. Do not spray cold water onto a hot pipe. Dry completely.

We recommend repacking your Titanium 2 silencer after 10-12 hours of use when properly jetted. This will maintain peak performance and keep that race tone.

To repack the silencer remove the 3 screws from the front of the silencer using a 4mm allen wrench. Do not remove the rear endcap. Hold the stinger in one hand with it pointing down, and gently tap the aluminum bracket on a wood block in a downward motion to slip out the inner core assembly from the canister. Be careful not to damage the silencer. Unwrap the packing from the core and discard. Using a wire brush, clean the perforated core and do a final wipe down with contact cleaner. Wrap the core with new FMF 2-stroke packing and secure with a strip of masking tape. Do not pack too tightly, as this will hamper performance. Before re-installing inner core assembly, apply a thin layer of hi-temp silicon on the front end cap, where the aluminum canister slips over. Slip inner core assembly into canister making sure that it fully seats in the rear endcap. Re-install the allen screws until snug or tighten 1/4 turn after the screw makes contact with the canister.

**** For step-by-step repacking instructions, refer to our website ****

Disclaimer:

FMF Racing inspects all products prior to packaging and strives toward improving its products. Our guarantee is limited to the replacement of defective products. This limited guarantee is in lieu of all other guarantees or warranties implied or expressed. Buyer assumes all risk for any and all damage caused to himself, a third party and/or property by virtue of failure of this product. We make no warranty as to products distributed by FMF Racing, expressed or implied from our suppliers or 3rd party vendors. This includes, without limitation, any warranties or merchantability and fitness for a particular purpose. All products are offered and designed for use with standard machines. FMF Racing makes no claims as to the products effectiveness on modified machines. FMF Racing is the sole determiner of abuse, misuse, installation errors and modifications. We assume no liability for any errors in listings, specifications, part numbers, prices or model applications. We reserve the right to change specifications, product descriptions, product quality, pricing and application at any time without notice and without further obligation. By installing and/or using an FMF product, you hereby accept and understand these stated terms and conditions and have followed all instructional steps.