



## 2 Stroke Pipe Installation Instructions

Thank you for choosing FMF as your performance aftermarket exhaust. We have spent countless hours of R&D and testing to ensure you receive the highest quality product on the market today.

All FMF products are developed using the most current technology available for design and manufacturing. Every exhaust is made 100% at the Flying Machine Factory in Southern California. We use only the highest quality materials for function and durability.

Whether it be Supercross, Motocross, GNCC, Desert, or just plain old trail riding, with FMF you have a choice. FMF pipes are engineered to have focused power gains to suit the needs of the rider under the conditions they ride. Bolt on FMF and **FEEL THE POWER!**

Check out our website at [www.fmfracing.com](http://www.fmfracing.com) for more information.

### Attention

This product is designed for closed course use only unless otherwise stated and not intended to meet emission regulations for use on public lands, roads or access routes – consult with local jurisdictions.

Please read all instructions thoroughly before installation. Failure to follow all installation instructions will void any warranty implied or otherwise. FMF Racing is not responsible for problems due to improper installation and/or improper use.

Before you begin installing this product, we recommend wearing safety glasses and mechanics gloves. You must know how to remove and replace your stock exhaust in order to install this FMF product otherwise have it installed by a professional mechanic. Keep all stock parts from your existing system as some components may be necessary to install your new FMF exhaust depending on the application.

### Parts Supplied

(1) 2 stroke pipe                      025143

### Tools Required

8mm wrench  
spring puller  
contact cleaner  
high temp silicone  
WD-40

### Removal

1. Make sure the engine is completely cool prior to installation and the vehicle is in a stable position.  
**We recommend removing the silencer when installing a new pipe to ensure proper fit and alignment.**
2. Remove the front bolt mounting the silencer to the frame; save for later use.
3. While holding the silencer, remove the rear bolt mounting the silencer to the frame; save for later use.  
Carefully slide the silencer out of the pipe/silencer coupler. Both will be reused with your new FMF pipe.
4. Using a spring puller, remove the springs connecting the pipe to the exhaust port; save for later use.
5. Remove the bolt attaching the front pipe mount to the rubber hanger; save for later use.
6. Remove the bolt attaching the rear pipe mount to the rubber hanger; save for later use.
7. Carefully remove the pipe from the vehicle.

### Pre - Installation

8. Using contact cleaner, clean the exhaust port to remove all dirt and debris.
9. Remove the clip from the front mount on the stock pipe and install onto the front rubber hanger. Your FMF pipe will mount on the inside of the hanger (fig.1).
10. Remove the clip from the rear mount on the stock pipe and install onto the rear rubber hanger. Your FMF pipe will mount on the outside of the hanger (fig.2).
11. Slightly loosen both front and rear rubber hangers to allow for proper pipe alignment.

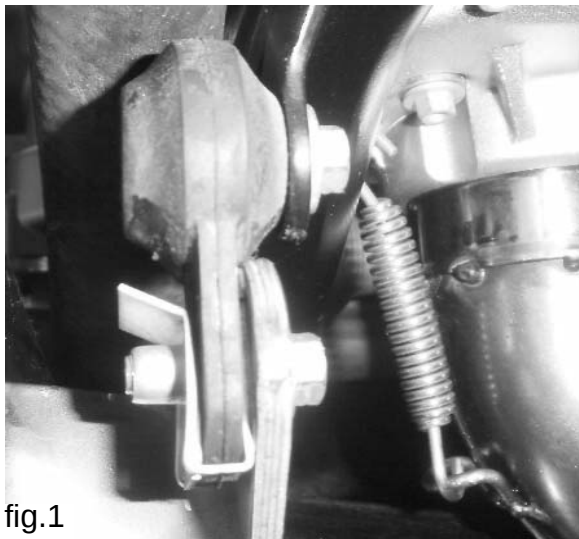


fig.1

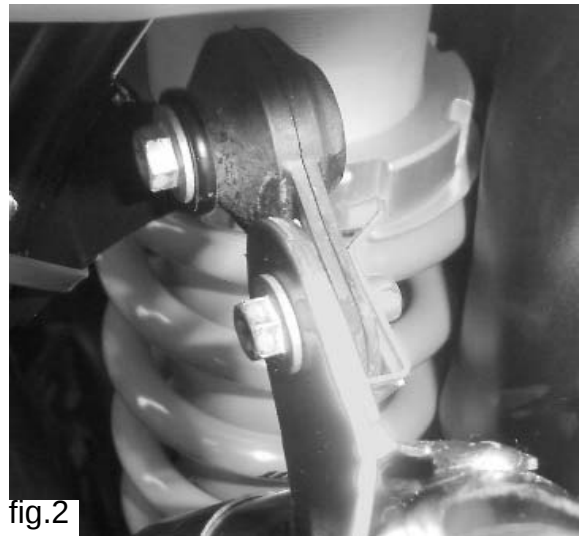


fig.2

#### Installation

12. Apply a thin bead of silicone to the O-rings on the pipe for an improved seal.
13. Install the FMF pipe into the exhaust port. Wipe away any excess silicone.
14. Install the front pipe mounting bolt removed in step #5 (fig.1); do not tighten at this time.
15. Install the rear pipe mounting bolt removed in step #6 (fig.2); do not tighten at this time.
16. Install the exhaust port springs removed in step #4.
17. Apply a light bead of high temp silicone to the end of the pipe where the silencer connects.
18. With the stock pipe/silencer coupler in place, carefully slide the silencer onto the pipe. Wipe away any excess silicone.
19. Install the front silencer mounting bolt removed in step #2; do not tighten at this time.
20. Install the rear silencer mounting bolt removed in step #3; do not tighten at this time.
21. Make sure the pipe and silencer are in a neutral position and not binding. Slowly tighten all mounting fasteners to manufacturer's specifications starting at the front rubber hanger and finishing at the rear silencer mount.
22. Inspect the complete exhaust system to make sure there is no contact with the frame, shock spring, engine, body panels 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 manufacturer's specifications.

#### Post - Installation

23. We recommend using high temp silicone for an improved seal. Please follow instructions for the silicone and allow sufficient time to cure before starting the engine.
24. Before operating your vehicle, we recommend using stock jetting. Our jetting recommendations are to be used as a guide only and were derived from operation at sea level at 70 degree ambient air temperature. There are too many variables to provide precise jetting specifications; mainly altitude and temperature. If you are not capable of adjusting the jetting yourself, please find a mechanic in your area. Refer to our website for additional jetting information.
25. Start the engine and bring to operating temperature. Check for exhaust leaks.
26. Allow the engine to cool completely and torque all mounting hardware to manufacturer's specifications.

#### Maintenance

To clean your FMF pipe, allow to cool and use mild soap and water. Do not spray water onto a hot exhaust. Dry completely to prevent streaking. Then wipe down with WD-40 to help reduce staining and rusting. Aluminum wheel polish will help to keep the luster of nickel and chrome plating.

**DISCLAIMER:** All products manufactured and/or distributed by FMF Racing are a) intended for use on stock vehicles specific to the U.S. market; b) for closed course use only unless otherwise stated and c) not intended to meet emission regulations for use on public lands, roads or access routes – consult with local jurisdictions. FMF Racing makes no claims as to the products applicability, effectiveness or fitment 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. Buyer assumes all risk for any and all damage caused to themselves, a third party and/or property by virtue of failure of these products. By installing and/or using an FMF product, you hereby accept and understand these stated terms and conditions and have followed all instructional steps.

**LIMITED WARRANTY:** All merchandise manufactured by FMF Racing has a warranty against manufacturing defects for a period of one (1) year from the date of invoice. Warranty is limited to the repair or replacement of defective products. There is no warranty for normal wear and tear, any type of crash damage or for product failure due to improper silencer or packing maintenance. FMF Racing reserves the right to repair, replace or issue an FMF credit for defective product at its discretion. Credits are valid for a period of one (1) year from issuance. No credit will be issued for labor or other costs incurred beyond the value of the original product. Product returned as a warranty after having been used, if found to be defective, is not valued at the full purchase price. A depreciated value will be estimated for used product. Product accepted as a warranty claim and repaired or replaced will be returned via UPS-ground freight no charge. Warranty excludes product that has been modified or where the product was improperly installed, abnormally used or misused. This limited warranty is in lieu of all other guarantees or warranties implied or expressed. This includes, without limitation, any warranties or merchantability and fitment for a particular purpose. We make no warranty as to products distributed by FMF Racing, expressed or implied. We will, however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties. A return authorization number must be issued by FMF Racing before product is returned. Returns must be sent back to FMF Racing freight prepaid. Proof of purchase, such as a copy of the original invoice, must accompany all warranty claims. Warranties will be honored to the direct purchaser only.