



2-Stroke Pipe Installation

Thank you for purchasing an FMF pipe for your ride. We have spent countless hours of R & D and testing to ensure you receive the highest quality product on the market today.

All FMF's products are developed using the most current design and manufacturing technologies available. We use only the highest quality materials for function and durability. FMF pipes are manufactured from U.S. steel and our Tru-Flo stamping process ensures quality control for fitment, reliability and unbeatable performance.

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 performance and FEEL THE POWER!

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 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. Otherwise you should have it installed by a professional mechanic. Keep all OEM parts when removing your stock exhaust as some parts may be necessary to install the FMF exhaust depending on your particular application.

TOOLS REQUIRED

8mm Wrench	High Temp Silicone
10mm Wrench	WD-40®
12mm Wrench	Spring Puller
Contact Cleaner	

REMOVAL

OEM = Original Equipment Manufacturer

1. Make sure the engine is completely cool prior to installation and the vehicle is in a stable position.
2. If necessary, remove the plastic side panel piece to gain access to the silencer.
3. Using a spring puller tool, remove the exhaust springs connecting the pipe to the exhaust port. Keep for later use.
4. Loosen all mounting hardware on the pipe and silencer using the appropriate wrenches.
5. Remove the silencer from the subframe, keeping all mounting hardware.
We recommend removing the silencer when installing a new pipe to insure proper fit and alignment.
6. Remove the pipe, keeping all mounting hardware.
7. Remove any rubber grommets, o-rings or special hardware from the pipe.

PRE-INSTALLATION

8. Using contact cleaner, clean the exhaust flange and/or cylinder exhaust port to remove all dirt and debris. If applicable, remove o-rings and clean the grooves of the pipe flange.
9. If your application uses an exhaust pipe washer/shim, make sure that is installed in the cylinder before mounting the pipe.

INSTALLATION

10. If applicable, install pipe o-rings using High Temp Silicone to provide a better seal. ***We recommend using new o-rings ***
11. Loosely mount the FMF pipe with your existing hardware and make sure the pipe flange slips fully into or over the cylinder flange. Wipe away any excess silicone.
12. Install new pipe springs. ***We recommend using new springs and covering the springs with rubber high temp hose if room allows to keep vibration to a minimum.***
13. Apply a thin layer of High Temp Silicone to the pipe where the silencer slips over.
14. With OEM pipe/silencer coupler in place, slide silencer over pipe and wipe away any excess Silicone. Loosely install one silencer mounting bolt to hold it in place - do not tighten at this time.
15. Make sure the pipe and silencer are in neutral positions and not binding. Slowly tighten all mounting fasteners and clamps to OEM specified torque specs, starting from the front and working your way back.
16. Inspect the complete exhaust 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 OEM specifications.

POST-INSTALLATION

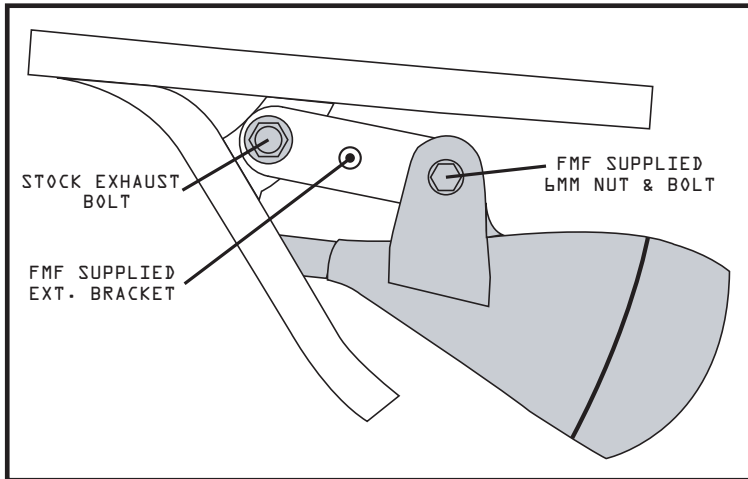
17. We recommend using High Temp Silicone for an improved seal. Please follow instructions for the Silicone and allow sufficient time to dry before starting the engine.
18. Before operating your vehicle, we recommend either stock jetting or installing our Power-Up Jet kit for optimum performance on applicable models. Our jetting recommendations are to be used as a guide only and were developed based on operation at sea-level at 70 degree ambient air temperature. There are too many variables outside of FMF's control to give you an exact configuration. If you're not able to tune the carburetor yourself, please find a mechanic in your area who is capable to take on this role. Refer to our website for more jetting information.
19. Start the engine and bring it up to operating temperature. Check for exhaust leaks.
20. Let engine cool completely and re-torque all mounting hardware to OEM 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. Dry completely and follow up with a wipe down of WD-40® to help reduce staining and rusting.

Aluminum wheel polish will help to keep the luster of nickel or 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.



FMF YAMAHA PW80 SPECIAL PIPE INSTRUCTIONS

- 1) Using the existing exhaust bolt, install the FMF supplied bracket on to the subframe and tighten slightly.
- 2) Using the FMF supplied 6mm nut and bolt, install the extension bracket behind the FMF pipe mount and tighten slightly.
- 3) Tighten all hardware once everything is installed. Make sure the exhaust is in a neutral position and NOT in a bind.

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