



Installation Instructions

06-14 RAPTOR 700 TWIN

BE SURE TO REGISTER YOUR DMC EXHAUST ONLINE AT WWW.DMC-ON-LINE.COM

Thank you for choosing to install the finest exhaust system available. DMC uses only the latest technology to deliver big gains in acceleration, horsepower and torque, while capturing additional strength and critical weight savings.

Please read all instructions carefully and thoroughly before installing this system. Any references to "left" or "right" indicates sides as if you were sitting on the bike facing forward.

PARTS INCLUDED

- (2) Muffler
- (2) Headers
- (3) Mid Pipe
- (1) Hardware Kit
- (1) Heat Shield Kit

TOOLS REQUIRED

- Pipe Spring Puller
- 10, 12mm box wrenches
- 5mm allen wrench

NOTE: To prevent exhaust leaks, we recommend inspection and replacement of the exhaust gasket if necessary upon installation.

REMOVAL PROCEDURE

1. Be sure that engine and exhaust are cool to the touch before beginning.
2. Loosen and remove all the mounting bolts that secure your stock system. Keep them as they may be used in installation.
3. Remove your stock exhaust components.

INSTALLATION PROCEDURE

4. Inspect exhaust ports for cleanliness and exhaust gaskets for wear.
5. Using a 5mm allen wrench, loosen and rotate the neutral safety switch wire loop bracket 180° as shown in the photo at right. This bracket is located on the engine case in front of the rear shock reservoir. Retighten allen head screw.
6. Properly seat both headers in position and secure loosely to the cylinder head. (note: the long header goes on the left side exhaust port)
7. Align headers and insert the long 1-piece midpipe into the left exhaust port headpipe.
8. Insert right muffler into this midpipe assembly and secure loosely to subframe using the hardware provided and the two 63mm DMC springs. Yes, the right muffler comes off the left header assembly!
9. Connect remaining two midpipes and insert into right side exhaust port headpipe.
10. Insert left muffler into this midpipe assembly and secure loosley to the subframe using the hardware provided and the two 63mm DMC springs.
11. Prior to tightening any bolts or nuts, ensure entire exhaust system is free of any binding or stress and that the neutral safety switch bracket is clear of the midpipe per picture and instruction Step #5.
12. Tighten the exhaust flange nuts to the cylinder head studs using the stock hardware then continue by tightening the muffler bracket bolts.



— DO NOT OVERTORQUE —

FOLLOW OEM TORQUE SPECIFICATIONS UNLESS NOTED OTHERWISE

13. Install the heatshield using the hardware supplied.
14. Look over installation to insure pipe does not come in contact with any cables, hoses or frame.

SPARK ARRESTOR

Spark arrestors are included with every Afterburner Exhaust. To access your Spark Arrestor, simply remove the four 4mm allen screws from the endcap.

JETTING / AIR-FUEL MIX

Your Raptor 700 features fuel injection and with the addition of your DMC Afterburner high performance exhaust, we highly recommend you install a DMC EFI Control Module. Ask your local DMC Exhaust dealer.



START UP PROCEDURE

1. After completing installation, start your engine in a well-ventilated area and check for any exhaust leaks.
2. We recommend riding for 30 minutes to allow components to properly seat.
3. Allow engine to cool down and recheck all fasteners.

www.spectro-oils.com

DMC recommends using Spectro Oils for maximum protection.

MAINTENANCE

Please allow exhaust system to cool prior to washing or repair. DMC recommends using a mild soap such as dish detergent and water to wash your exhaust system. Also, you should not allow water to enter the silencer outlet while washing your bike or ATV.

As we all know, sound is a major issue, which can effect whether or not we continue to enjoy our sport without offending others. Also, your system performs best and will last longer when the silencer is properly maintained. Repacking your silencer depends on the type of riding and the amount of hours on the bike.

On a big-bore-four, frequent high speed riding will shorten the life of the packing. Your ears are the best guide to knowing when to repack, but as a rule, every 20-30 hours is a good guideline to inspect and replace if necessary. If and when it is time to repack, please use DMC Afterburner Repack Kits as they were tested and designed to provide the best performance.

To keep your spark arrestor clean, first remove it from your muffler, then use a soft bristled brush and soapy water.

DMC EXHAUST REPLACEMENT PARTS

- USFS Approved Spark Arrestor #25911-10
- S.O.S. Quiet Core Insert #25911-20
- DMC Afterburner Repack Kit (Comp Mufflers) #25911-41
- Afterburner Replacement Springs (pair) #25911-50

AFTERMARKET PERFORMANCE ACCESSORIES

- K&N Air Filter: #YA-7006
- No Toil Foam Filter: #NT380-17
- DMC EFI Control Module *(shown on previous page)* #25990-10
- ATV Power Pack: #23-6050*
- PRO ATV Power Pack: #23-6050P*

* These packs include the Dobeck Fuel Injection Control Unit

TECHNICAL SUPPORT

If you ever lose your instructions or need additional information, simply visit the DMC website where we offer all the installation information that came with your DMC exhaust. If, at any time, there is further news regarding modifications, jetting adjustments, or other, the DMC website is a great source for obtaining the latest news.

WARRANTY

Since we designed, developed and manufactured your DMC Exhaust to provide reliable performance, we guarantee your system for one year (from date of purchase) against defects in materials and workmanship. We are proud of our attention to the quality of manufacturing your DMC product and we stand behind our products.

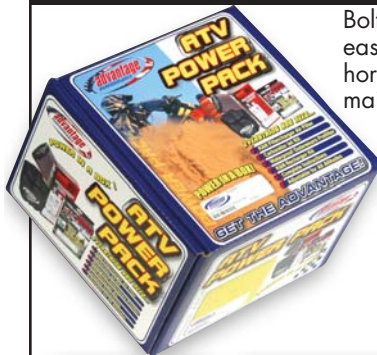
In the unlikely event a problem arises with your system, please contact the dealer from whom it was purchased. They can contact DMC and get your system to us for a warranty determination. A copy of your receipt will be required. We will make every attempt for a prompt repair or replacement at our determination and expense.

It is important to note that our warranty is not unconditional. Although your DMC product was made with the finest materials and hand crafted to strict stands, it is not indestructible. Therefore, our warranty does not cover product damage as a result from abuse, misuse, improper installation, modifications or lack of maintenance. We also do not cover any damages whether consequential, incidental, special, contingent or otherwise: or expenses or injury arising directly or indirectly from the use of the exhaust system.

As with any product, your DMC system should be expected to experience normal wear, which is not covered by any warranty. The duration of any and all implied warranties are limited to the duration of the express warranty.

There are other choices out there, but Advantage Power Packs are the only ones with **GENUINE Pro Design and K&N components.** Advantage Power Packs are also the only ones that include a K&N recharger kit. There is a difference. **DON'T ACCEPT IMITATIONS!**

ATV POWER PACK AVERAGE 15% HORSEPOWER INCREASE



Bolt-on performance has never been so easy. Kits install in minutes, improve horsepower and throttle response while maintaining optimum fuel economy.

- ✓ K&N Filtercharger Air Filter
- ✓ Fuel Injection Control Unit
- ✓ Waterproof Outerwears Prefilter
- ✓ K&N Recharger Kit
- ✓ Adjustable for all altitudes



Outerwears



PRO ATV POWER PACK AVERAGE 19% HORSEPOWER INCREASE



Bolt-on performance has never been so easy. Kits install in minutes, improve horsepower and throttle response while maintaining optimum fuel economy.

- ✓ Pro Design Billet Base Plate
- ✓ K&N Filtercharger Air Filter
- ✓ Fuel Injection Control Unit
- ✓ Waterproof Outerwears Prefilter
- ✓ K&N Recharger Kit
- ✓ Adjustable for all altitudes



Outerwears

