



# Installation Instructions

06-11 RAPTOR 700 TWIN MEGAPHONE

**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) Mufflers
- (2) Headers
- (2) Megaphones
- (1) Hardware Kit
- (2) Heat Shield Kits
- (2) Spark Arrestors

### TOOLS REQUIRED

- 12mm box wrenches
- 12mm socket, extension, and ratchet
- 4mm allen wrench

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

## REMOVAL PROCEDURE

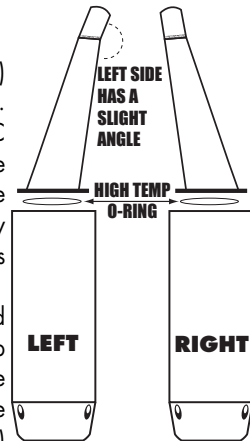
1. Be sure engine and exhaust are cool to the touch before beginning.
2. Loosen and remove all the mounting bolts that secure your stock system. Keep them as they may be used in installation.
3. Remove your stock exhaust components.

## INSTALLATION PROCEDURE

4. Inspect exhaust ports for cleanliness and exhaust gaskets for wear. Replace if necessary.
5. Look over pending installation area to insure headers will not come in contact with any cables, hoses or frame. Pay particular attention to the ignition wires on the left side of the engine. Secure them back to the recommended location if necessary with a zip tie. **SEE IMAGE AT RIGHT**
6. Insert both headers into the cylinder head and install the flange nuts loosely.



7. One muffler and megaphone will have an "R" (Right) or "L" (Left) sticker on them to determine placement. Placement can also be determined by the DMC muffler logo. With the muffler facing forward, the DMC logo will be on the outside of the muffler. The corresponding Megaphone can be determined by the angle of the inlet. The left megaphone inlet is angled (see illustration) while the right is straight.
8. Once you have the corresponding muffler and megaphone selected, place the supplied high temp O-ring into the aluminum muffler inlet groove and line the megaphone flange up with the muffler inlet. Once lined up, insert four 6mm button head socket (allen) screws and tighten, making sure that the O-ring remains in its groove (see image). Snug these screws in an "X" pattern before the final tightening. We recommend Threebond TB1303 or Loctite Thread Locker for the screws.



9. Position each megaphone/muffler assembly according to illustration insert the megaphone inlet into each side header. Once mufflers and headers are together, loosely secure the megaphone/muffler assembly to the frame using the supplied 8x35 flange bolts.
10. Prior to final tightening of any bolts or nuts, ensure entire exhaust system is free of any binding or stress. Rotate each header up or down slightly if needed to insure maximum frame/engine clearance
11. 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 SPECS UNLESS NOTED OTHERWISE**

## INSTALLATION PROCEDURE (CONTINUED)

12. Install the heatshields using the hardware supplied.
13. Look over installation again to insure pipe does not come in contact with any cables, hoses or frame.
14. After completing installation, start your engine in a well-ventilated area and check for any exhaust leaks.
15. We recommend riding for 30 minutes to allow components to properly seat.
16. Allow engine to cool down and recheck all fasteners.

## SPARK ARRESTORS

Spark arrestors are included with every Afterburner Exhaust. To install your Spark Arrestors, simply remove the four 4mm allen screws from the endcaps.

## 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.



[www.spectro-oils.com](http://www.spectro-oils.com)



**DMC recommends using Spectro Oils for maximum protection.**

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## 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
- DMC Afterburner Repack Kit (Comp Mufflers) #25911-47

## 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: #23-6250P

\* This pack includes 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.

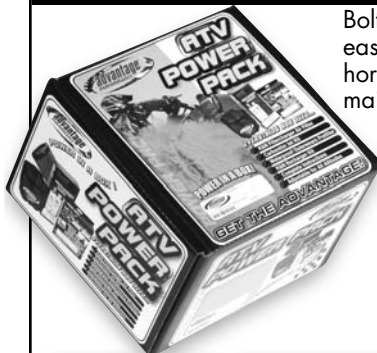
It is important to note that our warranty is not unconditional. Although your DMC product was made with the finest materials and hand crafted to strict stands, it is not indestructible. Therefore, our warranty does not cover product damage as a result from abuse, misuse, improper installation, modifications 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

