



RDP Cold Air Intake Kit

P/N: RDP-CAI-6.0

Designed for use on the 2003-2007 Ford 6.0L Powerstroke diesel pickup truck

NOTE: This intake kit will **NOT** work on trucks that do not have a factory MAF (Mass Air Flow) sensor!



DISCLAIMER

1. By installing this product onto your vehicle, you assume all risk and liability associated with its use.
2. It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering inoperative of any part of the design affecting emissions or safety on motor vehicles used on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle (or possibly higher depending on changes in the law). All civil penalties and fines for removing your vehicle's emissions equipment are the sole responsibility of the end user.
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RDP Cold Air Intake



PACKING LIST:

Part# QTY. Description

A	1	Blue Filter w/ Hose Clamp
B	1	Cold Air Intake Tube
C	2	Hose Clamps
D	1	Intake Tube Support Bracket
E	1	4"x2.5" Silicone Coupler
F	1	6 1/2" Silicone PCV Hose
G	1	T-20 Security Torx Bolt
H	1	PCV Adapter O-Ring
I	1	Straight PCV Fitting
J	1	90° PCV Fitting
K	1	M8x15 Bolt and Flange Nut

Recommended Tools

- 8mm Nut Driver
- 10mm and 13mm Socket
- 13mm Combination Wrench

Read All Instructions Prior To Install!

Note: Prior to installation, please compare the parts that you have received with the bill of materials listed above to ensure that you have all the necessary parts for installation.

CAUTION!!! Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

Note: For your safety we recommend disconnecting any negative battery terminals whenever working on any vehicle. Installation of the RDP Cold Air Intake requires removal of the plumbing to the turbo intake. Use caution not to get any dust, debris, or tools left where they may enter the system.

Step 1: Remove the factory air filter. Release the clips, then pull the front and rear covers up and away from the filter. Pull the filter straight up and out of the vehicle.

Note: The covers interlock to the bottom of the filter. Pulling out and up releases them.

Step 2: Disconnect the MAF sensor plug.

Step 3: Remove the two hard plastic covers for the filter from the vehicle. The rear cover is secured by a hose clamp. Use an 8mm socket or a regular screw driver to release it.

Note: Remove the rubber hose that is attached to the front cover from the vehicle as well.

Step 4: Loosen the hose clamp securing the stock intake to the turbo.

Step 5: Remove the two 10mm nuts securing the intake bracket to the fuel injection control module. Then disconnect the PCV tube from the valve cover.

Note: The bracket and PCV tube are located behind the intake tube in image.

Step 6: Remove the remaining factory intake tube from the vehicle.

Step 7: Install the silicone connecting tube to the turbo intake using one of the supplied hose clamps.

Step 8: Install the PCV adapter to the valve cover. If your valve cover doesn't have a plastic box attached to it, use the included 900 adapter.

***Note:** In step 9, you may need to cut the silicone hose to fit. Years 03-04 with no plastic box attached to the valve cover, leave the hose 6 1/2" long.*

Step 9: Connect the supplied silicone tube to the PCV adapter. Years 05-07 cut the hose to 4 3/4"

Step 10: Using the supplied security torx tool, transfer the MAF sensor from the factory intake to the new RDP intake. Then install the intake support hand tight.

Step 11: Install the RDP Cold Air Intake into the vehicle with the remaining hose clamp. Connect the PCV silicone tube to the intake, and reconnect the MAF sensor.

***Note:** The silicone PCV tube is a press on fitting and doesn't use any clamps.*

Step 12: Secure the intake support by inserting the end into the factory rubber mounting grommet. Then tighten the mounting bolt.

Step 13: Place the supplied filter onto the intake. Be careful not to tear the filter on any sharp edges in the vehicle. Secure the filter with the supplied hose clamp.

For questions, please call Rudy's Performance Parts at (866) 757-6537.