

Power-Flo Installation Manual
P/N 0307-PFI



2003 - 2007 DODGE CUMMINS
Power-Flo Intake Manifold

Installation Instructions

P/N 0307-PFI
Power-Flo Intake Manifold Installation

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Safety Guidelines!

- WARNING!** Always secure the vehicle from rolling.
- WARNING!** Always disconnect vehicle batteries before working on electrical components.
- WARNING!** Always wear safety glasses when operating power tools such as drills and grinders or using punches and chisels.
- WARNING!** Always properly secure fuel lines and wiring to prevent chaffing.
- WARNING!** Always have a fire extinguisher ready when working with electrical systems.

PLEASE WORK SAFELY!

WARNING! READ BELOW BEFORE INSTALLATION!

At GDP we make every effort to ensure that the Power-Flo Intake Manifold you have purchased is as clean as possible before packaging. However, it is the responsibility of the end user or installer to make the final inspection of the interior of the intake manifold before installation. Please thoroughly inspect your manifold for packaging material or contaminants. Any foreign object left inside of the intake manifold will be ingested by the engine and may cause serious damage.

Power-Flo Intake Manifold Contents



<u>Qty</u>	<u>Item Description</u>
1	Power-Flo Intake Manifold
2	Intake Manifold Gaskets
1	M8 x 1.25 x 16mm Bolt
2	1/8" Brass Pipe Plugs
2	1/4" Brass Pipe Plugs

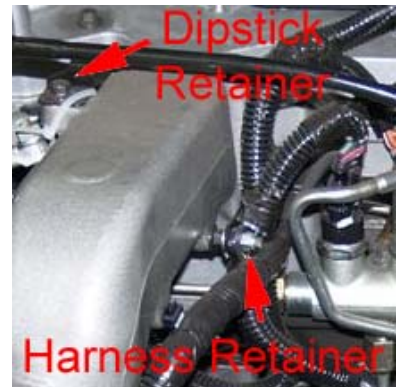
Please check your parts inventory against the above parts list
before beginning your installation.

Preparation

- 1) Secure vehicle from rolling.
- 2) Disconnect both batteries.

Stock Manifold Removal

- 3) Remove the bolt that holds the dipstick tube to the top of the stock intake manifold and save for reinstallation.
- 4) Loosen the upper clamp that holds the rubber intercooler hose to the intake manifold.
- 5) Remove the wiring harness retainers from the stud on the back of the manifold and save the hardware.
- 6) Using a 10mm socket remove the 4 bolts that hold the stock intake to the engine.
- 7) Carefully remove the stock intake manifold from the grid heater block. If the gaskets are in good condition they can be reused. If they tear during removal you will need to clean the gasket surfaces and use the new gaskets supplied with the Power-Flo intake. When cleaning the surfaces make sure not to drop debris into the engine intake.
- 8) Remove the stud from the rear of the stock intake and install in the inside tab position of the new Power-Flo intake manifold.



Power-Flo Installation

- 9) Install the Power-Flo intake using the four factory bolts and new gaskets (if needed). It will be necessary to tilt the manifold up slightly to allow the two mounting bolts furthest from the valve cover to drop into position. You may find it easier to drop the two bolts thru the holes prior to setting the Power-Flo onto the grid heater block.
- 10) Tighten the four factory intake bolts evenly.

- 11) Reattach the intercooler hose and tighten the hose clamp.
- 12) Reattach the dipstick tube using the factory bolt
- 13) Reattach the wiring harness retainers to the factory stud placed in the Power-Flo in step 8.
- 14) If your truck is equipped with our MK-2 filter kit you will need to use the new bolt provided for the outside tab position of the filter bracket.

Do not try to use the self tapping bolt provided with the MK-2 kit. Thread damage will occur!

Finishing Up

- 15) Recheck all fasteners.
- 16) Make sure that all wiring is secured.
- 17) Test drive the vehicle.

If you have any problem or questions please contact Glacier Diesel Power at 509-993-4923.

Thank you for your business and I look forward to helping you with your future accessory needs.

Sincerely,

Richard Martin
Glacier Diesel Power

GLACIER DIESEL POWER

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