

Installation Manual
P/N 9852BLK



1998.5-2002 DODGE CUMMINS
GDP Big Line Kit

Installation Instructions

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GDP Big Line Kit 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 available when working with fuel systems.

PLEASE WORK SAFELY!

Big Line Kit Contents



<u>Qty</u>	<u>Item Description</u>
2	90° PushLok to #6 JIC Fitting
1	Straight PushLok to #6 JIC Fitting
2	Metric to JIC Stainless Adapters
2	Cummins Sealing Washers
1	4' section Parker 3/8" PushLok Hose
2	3/8" Hose Clamps
1	3/8" Aluminum Pressure Sender Tee

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

Preparation

- 1) Secure vehicle from rolling.
- 2) Disconnect both batteries.
- 3) Raise vehicle and support safely if needed.
- 4) Drain fuel filter housing into an approved container via the water/fuel separator.

Big Line Installation

- 5) Begin your installation by removing the stock fuel line from the fuel filter housing to the VP-44 inlet.
- 6) Locate the stainless metric adapters supplied in the kit.
- 7) Install one adapter in the VP-44 inlet using one of the supplied Cummins sealing washers and tighten. There is no reason to over tighten the adapters. The Cummins washers make a very good seal.
- 8) Install another stainless adapter and seal washer in the fuel filter housing outlet.
- 9) Install one of the 90° JIC to PushLok fittings in the end of the supplied fuel hose. Loosely attach this fitting on the adapter at the fuel filter outlet. Route the hose to the injection pump inlet.
- 10) You now have the choice of a straight fitting or a 90° fitting for your connection at the injection pump inlet. The use of a straight fitting here will allow you to route the new line around the power steering pump rather than over it. Loosely attach your chosen fitting to the adapter in the injection pump inlet.
- 11) Measure the hose coming from the new fuel filter connection and cut to length. Remove the fitting from the metric adapter at the injection pump inlet. Install this fitting in the end of the new injection pump feed line making sure that the fitting is fully seated. Reattach the fitting and tighten.



Optional Pressure Sender Tee

The optional Pressure Sender Tee can be installed in the new line between the fuel filter housing and the injection pump. Simply cut the line at the desired sender location and install the aluminum Sender Tee using the supplied clamps.

Finishing Up

- 12) Secure all hoses.
- 13) Prime the system by bumping the starter but do not allow the vehicle to start. Wait 20 seconds or until the pump shuts off. Repeat this step three times to purge the majority of air from the fuel system.
- 14) Start the engine and verify fuel pressure. The engine may run roughly for a short period until all of the air is removed from the system.
- 15) Check all connections for leaks and make sure all hoses are clear of moving parts.
- 16) 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

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