

Installation Manual  
P/N 07509MAX



2007.5-09 6.7L DODGE CUMMINS  
**Maximizer System**

Installation Instructions

P/N 07509MAX  
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!**

## Maximizer Kit Contents



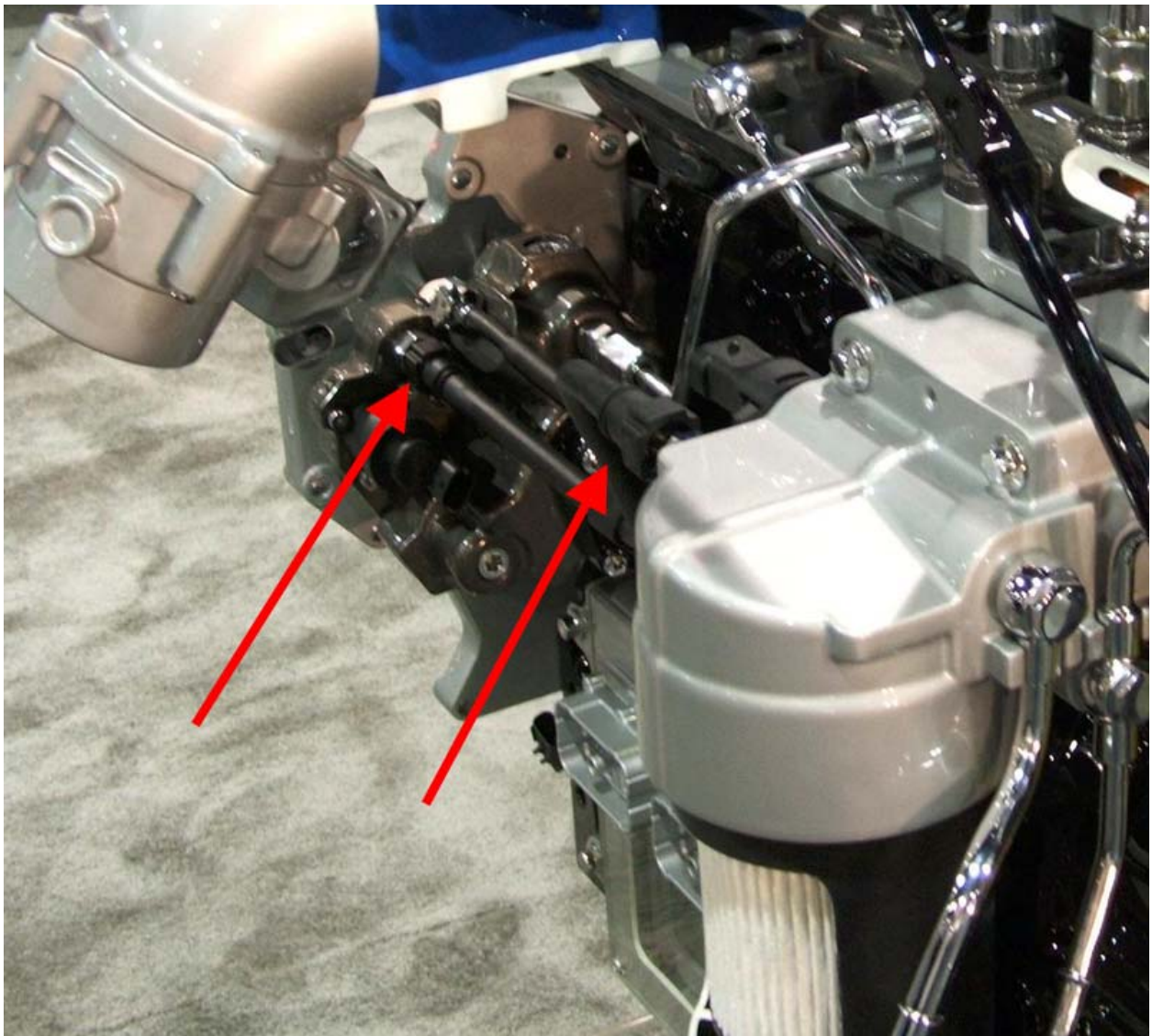
<u>Qty</u>	<u>Item Description</u>
1	3/8" Pressure Sender Tee
2	Straight PushLok to #6 JIC Fitting
1	90° PushLok to #6 JIC Fitting
2	Metric to JIC Stainless Adapters with o-rings
1	Metric to JIC Standard Adapter
1	Cummins Sealing Washer
10'	Parker 3/8" PushLok Hose
3	3/8" Hose Clamps

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.

## Filter to CP3 Line Installation



- 5) Completely remove the stock feed line and fittings from the front of the filter housing to the injection pump.
- 6) Install the stainless adapters in the injection pump inlet and the front of the fuel filter housing.
- 7) Install a Straight PushLok fitting in one end of the supplied hose.
- 8) Attach this fitting to the adapter in the front of the filter housing and tighten.
- 9) Loosely install the remaining straight fitting on the adapter installed at the injection pump inlet.
- 10) Cut the hose to length. Remove the straight fitting from the injection pump adapter. Install in the end of the hose coming from the bottom of the fuel filter. Reconnect the straight fitting to the injection pump adapter and tighten.

## Frame Mounted Feed Line to Filter Inlet

- 11) Remove the banjo bolt and line from the rear of the stock fuel filter canister and replace with the remaining stainless metric adapter and Cummins sealing washer. Tighten the adapter.
- 12) Install the remaining 90° PushLok fitting in one end of the remaining hose. Attach this fitting to the metric adapter at the filter inlet. Route the hose in such a way as to allow connection to the stock metal supply line on the frame and tighten the fitting.
- 13) Locate the junction of the stock soft supply line and the metal line coming from the tank. Split the stock supply line with a utility knife and remove it from the steel supply line to reveal the beveled end.
- 14) Route the new supply hose attached to the filter inlet back down to the end of the stock metal line. Cut the hose to length and attach to the stock metal line using the supplied clamp.
- 15) Your installation is now complete.
- 16) If access is needed for a fuel pressure sender the supplied sender tee can be installed anywhere along the new feed line. Cut the new line, install the aluminum tee and secure with the supplied clamps.



## Finishing Up

- 17) Secure all hoses.
- 18) 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 all air from the fuel system.
- 19) Start the engine and verify fuel pressure.
- 20) Check all connections for leaks and make sure all hoses are clear of moving parts.
- 21) 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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