

2004.5-2010 Duramax LLY/LBZ/LMM
2008-2010 Cummins 6.7
PORTED FUEL RAIL FITTING
INSTALLATION GUIDE

DISCLAIMER OF LIABILITY

This is a performance product which can be used with increased horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drivetrain components, which could result in drivetrain failure. Note: Legal in California only for racing vehicles which may never be used on the highway.

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer has read and understands this agreement and accepts the terms and conditions.

Pacific Performance Engineering Inc., its distributors, employees, and dealers (the "Seller") shall not be responsible for the product's proper use and service. The buyer hereby waives all liability claims.

The Buyer hereby acknowledges no reliance on the Seller's skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyer hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise (including without any obligation of the Seller with respect to fitness, merchantability and consequential damages), or whether or not occasioned by the Seller's negligence. The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the Buyer agrees to indemnify the Seller and to hold the Seller harmless from any claim related to the item of equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment. The Seller assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt contact the manufacturer.

The Buyer is solely responsible for all warranty issues from the manufacturer.

LIMITATION OF WARRANTY

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer. The Warranty is limited to two (2) years from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller. Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.

STEP 1

For safety purposes, disconnect the negative battery terminals from both of the batteries.

STEP 2

Disconnect the following electrical connectors on the A/C Compressor and set them to one side.



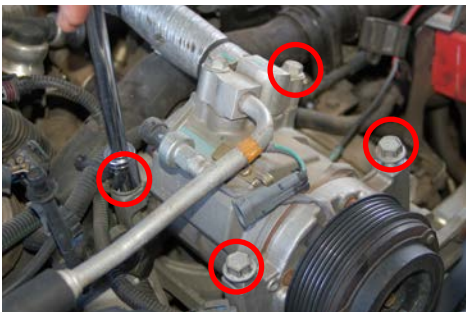
STEP 3

Remove Accessory Drive Belt (Fan Belt) by pulling the tensioner to loosen the belt.



STEP 4

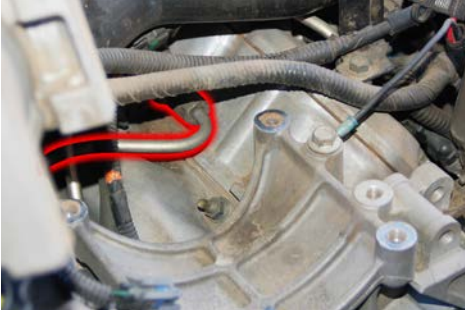
Remove four mounting bolts (15mm) on the A/C compressor. Lift and move A/C compressor up and away (pulling it towards the passenger side of the engine).



STEP 5

Locate the High Pressure fuel line from the drivers side fuel rail.
Remove fuel line with a 17mm flare nut wrench.

*Apply a quick blow to the end of wrench
to shock the fuel line fitting loose.*



STEP 6

Locate the other end of the High Pressure fuel line. Remove fuel line with a 17mm flare nut wrench. This fitting is in a tight spot, quarter turns of the wrench are required to remove this end of the line fitting.



STEP 7

Now that the high pressure fuel line is removed, set the line aside.
Factory fitting should now be visible.



STEP 8

Remove factory fuel rail fitting using a 7/8 socket.



STEP 9

Lubricate the threads and end of the Ported Fuel Rail fitting with petroleum jelly (Vaseline) and torque to 52ft.lbs.



STEP 10

Install High Pressure fuel line.



STEP 11

Install A/C Compressor and mounting bolts(4).

STEP 12

Install Accessory Drive Belt.

STEP 13

Plug in A/C Compressor electrical connectors.

STEP 14

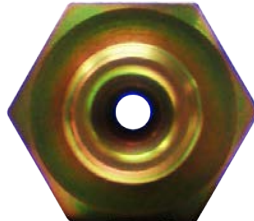
Connect battery terminals. Installation is complete.

Benefits

Increase fuel flow volume from the fuel pump to the fuel rail by replacing your vehicle's stock restrictive fuel rail fitting, reducing the chance for potential pressure drop.



Stock



Ported