





PMD DRIVER RELOCATION KIT

For 1994-1999 Chevy 6.5L Diesel Trucks

Part# 1036520

-- Installation Instructions --
PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.

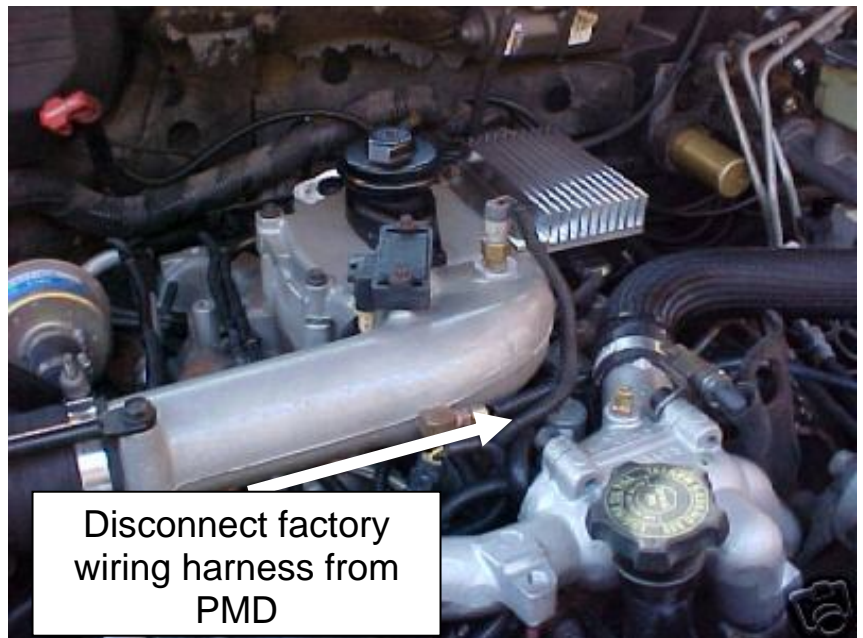
Kit Contents

BD P/N# 1036551 - PMD Cooler Kit		
1306510	1306512	1306514
		
<i>PMD Heat Sink</i>	<i>Heat Sink Mount Bolt</i>	<i>Allen Head Bolt</i>
Qty: 1	Qty: 2	Qty: 4

1401556	30896	30598
		
<i>Heat Sink Mounting Washer</i>	<i>#5 Resistor</i>	<i>Heat Transfer Pad</i>
Qty: 2	Qty: 1	Qty: 1

Installation

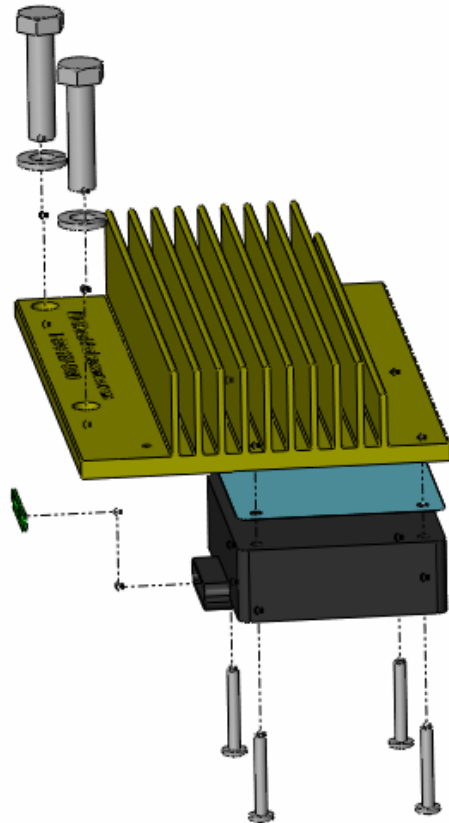
1. Remove the plastic engine cover by removing the four bolts on either side of the cover.
2. On the driver's side, remove the two bolts connecting the upper and lower intake manifold.
3. On the driver's side, disconnect the PMD wiring harness from the injection pump mounted PMD. Disengage the locking



device of the connector, and then push it off. Pull up the wiring harness connector. For extended reach you can slice the outer loom to allow a little more wiring harness length.

4. Install the PMD driver to the aluminum heat sink. The heat transfer pad should be mounted between the PMD and the heat sink. Insert the four Allen head screws and torque the PMD driver to the aluminum plate to **23 lbs-in**.
5. Install the supplied resistor in the PMD connector.
6. Connect the PMD wiring harness connector to the new PMD.
7. Mount the PMD Cooler to the intake manifold. Use the bolts supplied (13mm) and tighten to **17 lbs-ft**.
8. We recommend that the plastic cover not be re-installed as it will not fit without modification. The removal of the cover actually improves the cooling of the upper part of the engine and also makes the fuel filter more accessible for service.

If you still wish to put the cover back on, it will have to be modified to fit by cutting.



BD Engine Brake Inc.

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PMD Coolers and Stanadyne Warranty Policy

The Stanadyne Corporation released a service bulletin in November 2001 stating its position on honoring their warranty of their PMD modules when being used in conjunction with the PMD Cooler.

“Stanadyne is aware of several aftermarket heat exchanging devices that are being marketed with claims that they decrease the operating temperature of the DS Pump Mounted Driver, thereby improving its reliability.

During the development of the DS pump and the fuel solenoid driver, it was noted that the driver generated an appreciable amount of heat. After extensive testing, it was found that this heat was best dissipated by mounting the driver to the side of the pump and removing the heat generated by transferring it to the fuel flowing through the pump and back to the fuel tank. Thus it became a Pump Mounted Driver or PMD. During these tests, various other heat dissipation methods were tried including heat sinks designed to dissipate heat into the surrounding air. It was found however, that such heat transfer devices did not consistently remove heat as well under all operating conditions as compared to the pump itself. Therefore, Stanadyne and General Motors released the product specification with the driver mounted on the pump and this specification has not changed.

Some additional evaluation of these after market “coolers” has also been performed and in addition to reduced heat transfer capability, other issues have been found in some cases.

One supplier recommends removing the plastic power transistor covers on the back of the PMD. This is a concern since these have no effect on heat transfer but do provide insulation to protect personnel from the possibility of electrical shock.

At least one supplier of PMD coolers also provides them with a new Pump Mounted Driver with the equivalent of a #8 calibration resistor already installed which can result in the over-fueling by as much as 12%.

Therefore, such aftermarket devices are not approved for use by Stanadyne or General Motors, and Stanadyne will not provide warranty consideration for PMD’s that have been used in conjunction with such aftermarket devices rather than being mounted in the pump as specified.”

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BD ENGINE BRAKE

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SELLER assumes no liability regarding the improper installation or misapplication of the PRODUCT. It is the installer's responsibility to check for proper installation, and, if in doubt, contact the manufacturer.

LIMITATION OF WARRANTY

SELLER hereby provides the following limited warranty as to description, quality, merchantability, fitness for any product's purpose, productiveness, or any other matter of SELLER'S product sold herewith. The SELLER shall be in no way responsible for the product's open use and service and the BUYER hereby waives all rights other than those expressly written herein. This Warranty shall not be extended or varied except by a written instrument signed by SELLER and BUYER.

The Warranty is Limited to one (1) year from the date of sale and limited solely to the parts contained within the product's kit. All products that are in question of Warranty must be returned shipping prepaid to the SELLER and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by BD ENGINE BRAKE, Inc.

Under no circumstances shall 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 insured 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, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN THIRTY (30) 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.

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