

INSTALLATION GUIDE



Fuel Rail Race Valve

2004.5-2010 Chevy Duramax





WARNING: EMISSIONS LAWS

Not legal for sale or use on pollution-controlled motor vehicles anywhere in the United States. Legal **ONLY** for off-road competition racing vehicles and cannot be used on vehicles that are operated on public streets, roads, or highways.



DISCLAIMER

1) By installing this product onto your vehicle, you assume all risk and liability associated with its use.

2) It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering inoperative of any part of the design affecting emissions or safety on motor vehicles used on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle (or possibly higher depending on changes in the law). All civil penalties and fines for removing your vehicle's emissions equipment are the sole responsibility of the end user.

3) Due to its high performance nature, this product may void vehicle manufacturer's warranty.

4) Sinister Mfg Company, Inc. is not responsible for misuse of its products. By installing this product, you release Sinister Mfg Company, Inc. of any and all liability associated with its use.

5) Depending on where you live, restrictions may apply. Check all applicable laws before installing or using!

6) The purchaser and end user releases, indemnifies, discharges and holds harmless Sinister Mfg Company, Inc. from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installation of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation instructions. Sinister Mfg Company, Inc. will not be liable for any direct, indirect, consequential, punitive, statutory, or incidental damages or fines caused by the use or installation of this product.



PACKING LIST:

<u>QTY.</u>	<u>Description</u>
1	Sinister fuel rail race valve
1	O-Ring

Required Tools:

- 10mm socket
- 12mm socket
- 18mm wrench
- Torque wrench (capable of 55 ft. lbs.)

If you have any issues regarding this product, or if it arrives with missing parts please contact Sinister Diesel directly at (888) 966-6543. Thank you.

IMPORTANT: READ ALL INSTRUCTIONS PRIOR TO INSTALL. Prior to installation, please compare the parts that you have received with the bill of materials provided on this page to assure that you have all the parts necessary for the installation.



CAUTION !!! Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

Step 1: Locate the glow plug control module on the driver's side firewall.
(Image 1)

Step 2: Remove the cover on the glow plug control module, held in place by (2) 10mm bolts. (Image 2)

Step 3: Remove the fuel line bracket, held in place by (1) 10mm bolt, and move fuel line out of the way. (Image 2)

Step 4: Remove the four remaining 12mm bolts holding the glow plug control module bracket in place.

Step 5: Remove the fuel pressure valve from fuel rail using an 18mm wrench.

Step 6: Make sure the O-ring is correctly installed in the O-ring groove.

Step 7: Apply petroleum thread lubricant to threads and install Sinister Fuel Rail Race Valve and tighten to 55 ft. lbs. (Image 3)

Step 7: Re-install glow plug control module and fuel line bracket to factory specs.

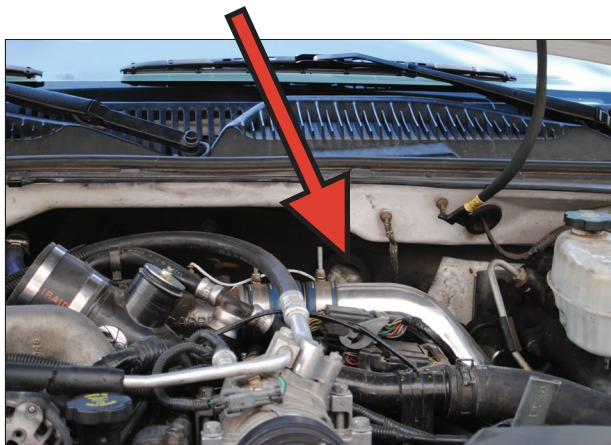


Image 1

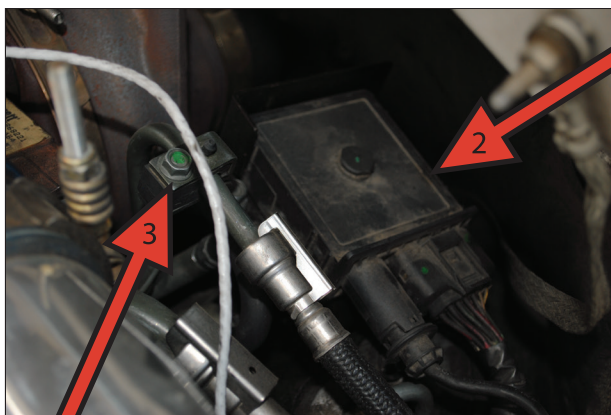


Image 2



Image 3







#1 IN PERFORMANCE PARTS & KITS

2025 OPPORTUNITY DR. ROSEVILLE, CA 95678 SINISTERDIESEL.COM 877.692.4110