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5.9/6.7 Cummins Injector Nozzle Swap Directions

Please read these instructions from start to finish before starting the installation. For removal and installation of the injectors themselves, please see a Cummins or Dodge manual.

#1 When removing the injectors from the truck be sure to label which cylinder they came from. We recommend you put each injector back in the same hole it came from.

#2 When the nozzle is removed, you will see that underneath it, there is a very small puck shaped piece of metal. When removing the nozzle be **EXTREMELY** careful to keep from losing the puck. It may stick to the nozzle as you lift the nozzle off of the injector body. When reinstalling the nozzle you must make sure to put the puck back in the recess it's designed to fit into and make sure it lays flat.

*Loss of this puck will result in fueling problems and your injector must be sent in to be recalibrated at minimum. If the injector bodies have over 60,000 miles it may be more cost effective to purchase a new injector vs going through the balancing process.



#4 Mount the supplied tool in a vise and clamp it tightly. Slide the injector onto the tool and make sure it seats well so it does not come loose. Work on only one injector at a time to minimize the chances of losing a component.

*Tool supplied may look different than the one in the picture.

#5 Using pliers, remove the copper sealing washer. If you are missing the copper washer be sure to dig it out of the cylinder head before putting the injectors back in. Some carbon buildup may be present and this is normal.



#6 Using a 15mm wrench, remove the nozzle nut. Once you have removed the nozzle nut you can remove the nozzle, but **BE CAREFUL** not to lose the small puck which can sometimes stick to the underside of the nozzle. The puck fits into the small recess right in the middle of the injector body and lays flat.



*Note: For 5.9 injectors, there are two different style pucks that were in these units. Our nozzles will work with both designs shown here, simply follow the same install procedures.



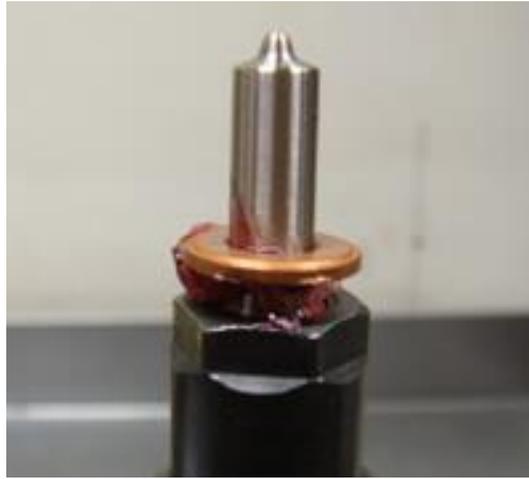
#7 Carefully clean the mating surface on the injector body to remove any carbon that may have fallen on the mating surface during disassembly. You may use brake clean but DO NOT spray directly down the injector.

#8 Clean the nozzle nut and remove any carbon build up that may be left over.

#9 Place the supplied new nozzle on injector body being sure to align the alignment pins, the recess that holds the puck, and the puck itself. Once you are 100% sure these parts are aligned and placed correctly, reinstall the nozzle nut and torque it to 45 foot pounds with a torque wrench.



#10 Use the supplied assembly grease to hold the new copper washers onto the injector. Don't be afraid to use it liberally to make sure the washer does not fall off when you are reinstalling the injector into the head.



Please feel free to call us with any questions. If you think you may have lost a puck, DO NOT reinstall the injectors. If you do, there is a possibility that complete engine failure could occur if the engine runs away. DO NOT TRY IT!!!

See our Common rail instructions for the install procedures.

Dynomite Diesel Products (DDP) Injector Limited Warranty

Terms & Conditions

Dynomite Diesel would like to thank you for purchasing this product. We truly appreciate your support. We also pledge to give you the absolute best customer service & tech support in the business. If you have a problem with our product or service, please tell us first; we will do everything in our power to correct the situation & make sure you are happy with the final outcome.

DDP & its distributors as well as dealers will not be held responsible for any damage created by this product, misuse of this product, improper install of this product, or misapplication of this product.

By purchasing this product, you agree to not hold DDP or any company or individual who sold it to you responsible for any damage caused to your vehicle, its contents and any personal injury to you, your occupants, or bystanders.

Use a Pyrometer. Do not let exhaust gas temperatures exceed 1250° pre-turbo. Make sure your pyrometer works. Make sure you are installing the right product in your truck. When in doubt, call us first to make sure it is the correct part. This is a performance part designed to enhance your vehicle. When used or installed improperly it can ruin your engine & other parts on your vehicle or cause serious injury. DDP & anyone who sells you a DDP product accepts no liability if you ruin your parts or the parts we or our dealers or distributors sold to you.

No warranty for water damage.

No warranty against dirt or contamination.

No warranty for incorrect part(s) ordered and/or installed.

DDP nor its sellers and/or installers are responsible for towing or vehicle time loss.

DDP limited warranty is on craftsmanship only.

Your original invoice is your proof of purchase for any and all warranty claims. Be sure to keep a copy!

DDP will cover one (1) replacement part for 30 days. UPS ground shipping will be used. We do request that a licensed shop determines fault. Please send a digital photo if possible along with a UPS tracking number. We will in turn ship one (1) part, no cost, to the customer.

All injectors are warrantied for one (1) year. You are responsible for shipping them to us. We will then fix or replace as necessary. See Limited Warranty Statement.

Limited Warranty Statement

Dynomite Diesel Products (DDP) is very confident in all of our parts. We do recognize however that during shipping, testing, and/or installation of injectors that changes to the injector may occur.

If failure occurs within the first year after purchase, please call DDP Sales at 208-209-3214 for trouble shooting guidelines. You must provide a UPS tracking number for returned part before new part is sent. No cash refunds will be given.

This limited warranty covers no more than one (1) injector. Statistics show that one injector failure is possible, but more than one would be caused by poor installation or contamination which is not covered by DDP.

If returned part is determined to have failed due to something other than DDP workmanship no exchange will be given.

SUPERMENTAL & COMP INJECTORS - DDP custom builds these products per application, only after custom injector order form is filled out and signed. These are custom parts therefore no refunds will be issued. These parts are built for off road race application only. No time or mileage warranty is implied.