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98.5-02 ISB Injector Install

Tools needed

3/8 Drive	Sockets 8mm, 10mm,
3" Extension	13mm, & 15mm
7/16 Deep	Wrenches 19mm or 3/4 Combination
Torque Wrench 0-40 lbs.	Needle Nose Pliers
Torque Wrench Inch-lbs.	Medium Size Flat Blade Screwdriver

1. Please clean engine while cold. Pay close attention to Injector lines at the head. Its important to keep dirt from injection system. Don't do the install with the engine dirty or wet.
2. Remove intake air horn and heat grid. Remove mount from dip stick tube. Loosen 7/16 nut on charge air boot.

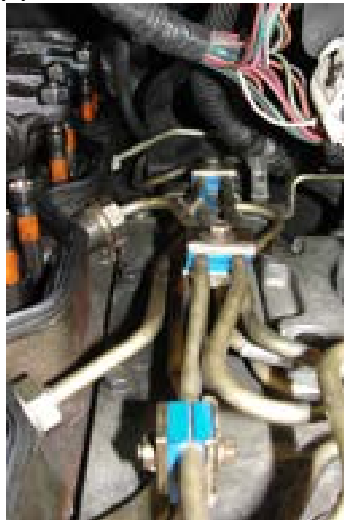


3. Remove APPS and set it off to the side.



4. There are injector line retaining brackets. See Pictures.

5. Using 8mm socket loosen line supports. See Pictures.



6. Remove rear engine lifting bracket (15mm socket)

7. Loosen 19mm jam nuts that hold connector tubes to the side of injector body.



8. Remove valve cover. Pushing down on the leader hose, slide valve cover up and left.

9. Remove 8mm bolts on injector hold downs.

10. Start at closest injector to you. Practice makes the rear ones easier. Using 1 of the valve cover bolts, thread into the top of the injector body. Now remove the connector tube and pry/lift upward to remove the injector. Be sure to inspect the connector tube to ensure that there are no cracks or contamination.



- 11.If you are switching nozzles over, then complete the following steps, if not then skip to step 15.
- 12.Secure the injectors with the nozzle facing upward and using a 14mm wrench/socket remove the nozzle nut. Inspect the sealing surface of the nozzle and ensure there are no cracks on the injector body or nozzle nut.



- 13.With a clean injector, install your new nozzle now and torque the nozzle nut to 30 Ft-lbs.
- 14.Test Injector POP pressure and set to 290 BAR. If you do not have the ability to set the POP pressure, we have services available to do so. Call us for additional information.
- 15.Using the same valve cover bolt as an install tool, lube the Injector O-Ring.
- 16.With connector tube still removed, install injector and fully seat into cylinder head.
- 17.IMPORTANT – Using a combination wrench on the top of the injector, gently twist side to side while installing and seating connector tube.
- 18.Install Injector hold down; When it's snug finish tightening the 19mm jam nut to 35 Ft-lbs. Then torque injector hold down to 89 In-lbs.
- 19.Repeat process on remaining injectors.
- 20.Reinstall and tighten fuel lines and secure all mounting brackets.
- 21.Reinstall valve cover, APPS, Grid Heater, and Intake Air Horn.
- 22.Loosen any injector line and crank engine for approximately 15 seconds. Wait 30 seconds before second attempt. If the engine begins to run or acts like its going to tighten the injector line, its likely that 2 of the lines will need to be bled before it will start.

Once engine starts rev to 1500 RPM for 1 minute. Bleeding of system should be complete now.

Shut off and restart. It should be as quick to start as normal.

Double check your work. Enjoy a quieter smoother, more powerful engine.

For assistance call: 208.209.3214 or Email: Sales@DynomiteDiesel.com

www.dynomitediesel.com

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.