

GFB DV+

Installation Instructions

Part #T9356



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TURBO MANAGEMENT SYSTEMS



PERFORMANCE WITHOUT COMPROMISE

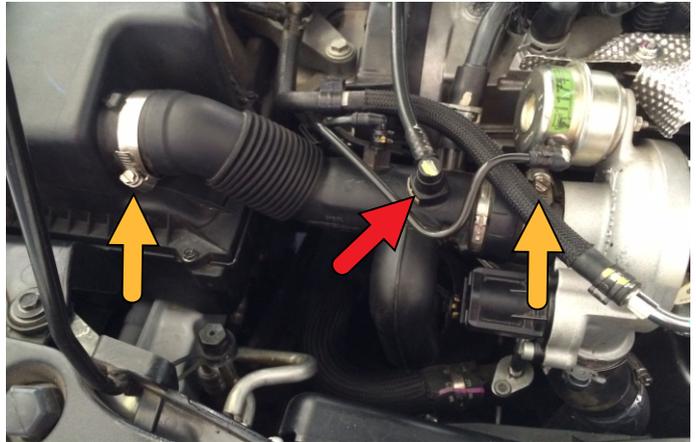
IMPORTANT! All GFB pistons are checked for fitment and tolerance before shipment. Please do not drop the GFB piston onto a hard surface as this may cause (invisible) damage that could result in boost leaks or sticking.

WICHTIG! Alle Kolben wurden vor Versand auf Freigängigkeit geprüft. Bitte achten Sie bei der Montage darauf, dass *der Kolben nicht auf den Boden fällt*, da dieser schon bei kleinster (evtl. Nicht sichtbarer) Beschädigung zur Undichtigkeit oder Kolbenklemmen führen kann!

INSTALLATION

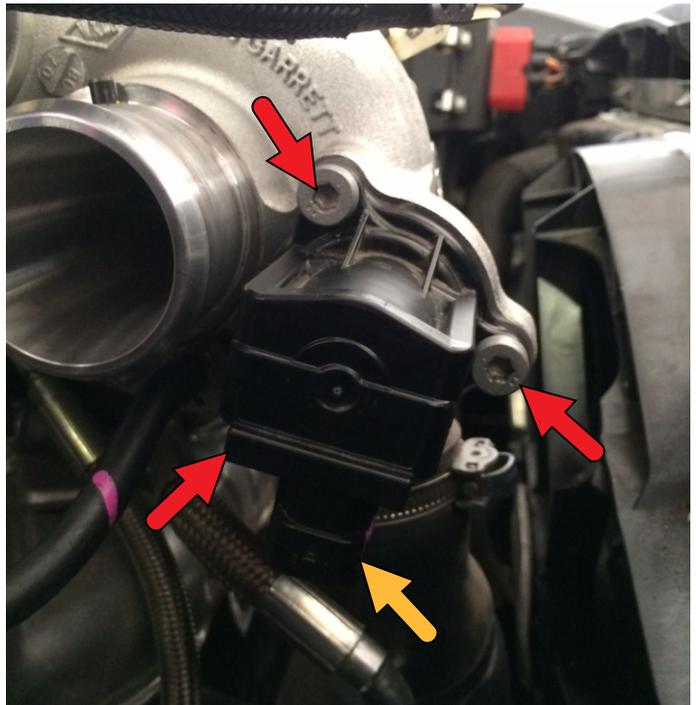
Note that the DV+ part # T9356 is used on a variety of makes and models. These instructions illustrate the installation process on a Dodge Dart which uses a Fiat engine, but the procedure is the same regardless of the engine type, i.e. locate and remove the factory diverter valve, fit the DV+ to the factory diverter valve as shown on the next page, and re-install.

- If access to the factory diverter valve is restricted by the turbo intake (as it is in this case), begin by removing the turbo intake pipe. Loosen the hose clamps on each end of the intake pipe (→), and unclip any hoses connected to the intake pipe so it can be removed from the car (→).



- Unclip the electrical connector (→) from the factory diverter valve, then remove the 3 bolts (→) that hold it to the turbo.

Note that the bolts are metric and you must use the correct hex key or you risk damaging the bolts.



ASSEMBLING THE DV+

Piston type OEM diverter (typically Dodge/Fiat):

Remove the yellow o-ring from the factory diverter. This should be done carefully to avoid damage, as the o-ring will be re-used on the DV+. Now pull the piston out of the diverter body, then remove the spring.

CAREFULLY pry the piston sleeve out of the diverter body, using the inside lip near the blue seal or the lip where the o-ring was. Lever it gently and work your way around so it pops out evenly. Note that this piece is fragile and can break easily - if this happens, you'll still be able to carry on with the installation, but you won't be able to re-fit the factory piston again.

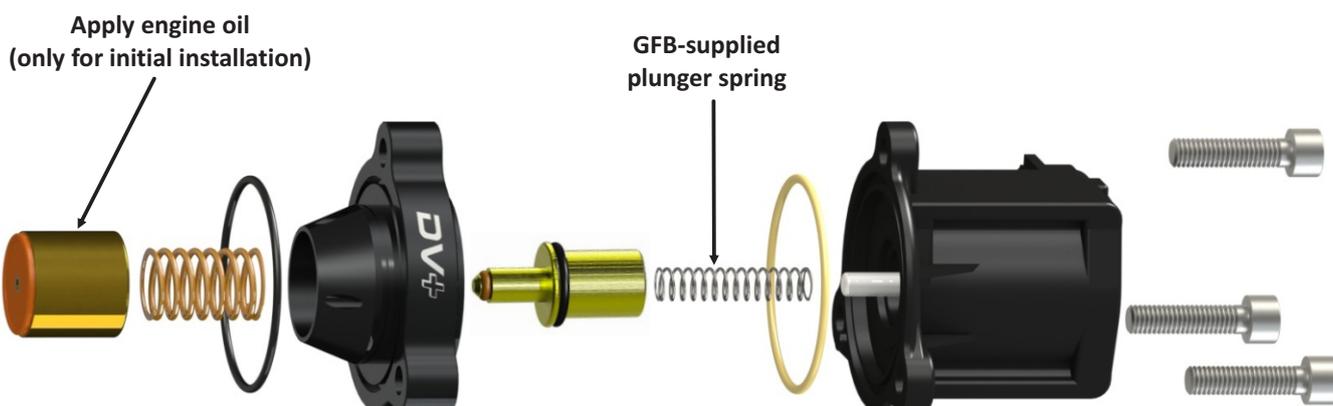


Diaphragm type OEM diverter (typically BMW):

Remove the yellow o-ring from the factory diverter. This should be done carefully to avoid damage, as the o-ring will be re-used on the DV+. CAREFULLY pry the diaphragm shield of the diverter body, using the lip where the o-ring was. Remove the valve/diaphragm and spring.



Assemble the GFB parts onto the factory solenoid body as shown in the exploded view below, making sure to use the GFB-supplied plunger spring, and the yellow o-ring removed from the factory valve. Apply some engine oil to the piston during this process. Note that regular re-lubrication is NOT required.



INSTALLATION - CONTINUED

- Install the DV+ assembly onto the turbo, making sure to hold the piston so it doesn't fall out during this process. Don't forget to use the supplied longer screws.
- Clip the electrical connector back on, then re-install the turbo intake pipe and any other parts that have been removed during the installation process.



TECH SUPPORT

Just installed your shiny new DV+ and something doesn't seem right? Do you have a question about the product? Have you heard conflicting information and need some clarity?

We want you to get the best advice, first time. No-one has as much experience with these products as our own engineers, so make us your first point of contact!

Head to www.gfb.com.au/contact-us to get in touch, or use the QR code:



WARRANTY

WARNING:

GFB recommends that only qualified motor engineers fit this product. GFB products are engineered for best performance, however incorrect use or modification may cause damage to or reduce the longevity of the engine/drive-train components.

GFB LIFETIME WARRANTY:

Our commitment to quality means that when we put our name to something, we are also staking our reputation on it. That's why we back our products with the best warranty in the business!

You should expect a lifetime of use from a well-engineered product, so if your GFB product fails as a result of defective materials or faulty workmanship whilst you remain the original owner, we will repair or replace it (limited only to the repair or replacement of GFB products provided they are used as intended and in accordance with all appropriate warnings and limitations. No other warranty is expressed or implied).

If a fault occurs as a result of usage outside of the terms of the warranty, or you are not the original owner, fear not, we can still help you. You should never need to throw a GFB product away, as spare parts are available and won't cost the earth.