

GFB DV+

Installation Instructions

Part #T9359



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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

The GFB DV+ T9359 is designed for use on VW Mk7 Golf R and Audi 8V S3.

For video installation instructions, scan the QR code below or visit:

www.gfb.com.au/downloads/gfb-tv

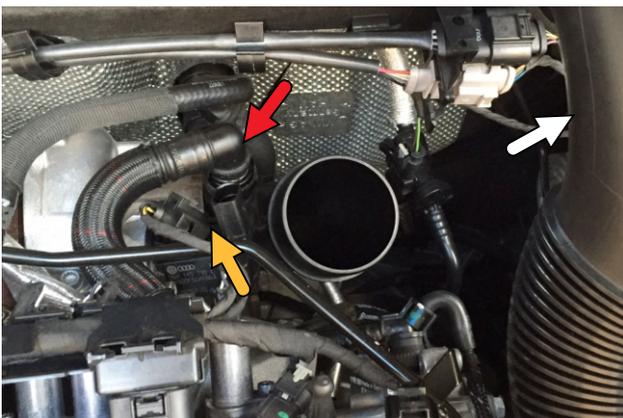


Remove the engine cover by pulling up on each side where indicated (yellow arrow) to pop the rubber grommets. Remove and set aside.

The factory diverter valve is located on the front of the turbo, as indicated by the red arrow.



Unclip the breather pipe (red arrow) and diverter valve electrical connector (yellow arrow), then loosen the hose clamp and remove the intake pipe (white arrow).



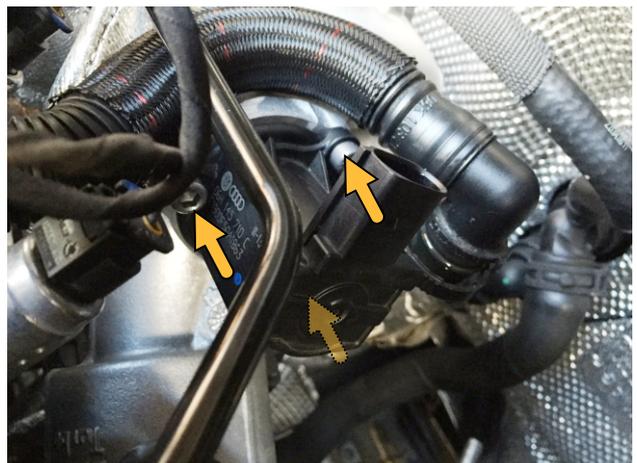
Using a Torx T30 driver, loosen the single screw (yellow arrow) that retains the hard plastic turbo intake elbow. This screw usually has an o-ring under it to prevent it from falling out as it is loosened, but take care not to drop it anyway.



Rotate the top of the intake elbow towards the firewall to disengage it from the turbo.



Now unscrew the 3 bolts holding the diverter valve (5mm metric hex key), then remove it from the car. Again, take care not to drop these screws as they can be difficult to retrieve. A driver extension with a 5mm hex bit can make it easier to remove and re-install these screws.

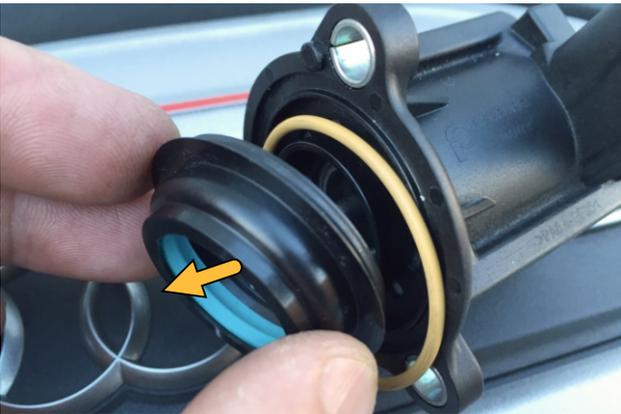


INSTALLATION - CONTINUED

Pull the piston from the diverter valve solenoid and remove the spring.

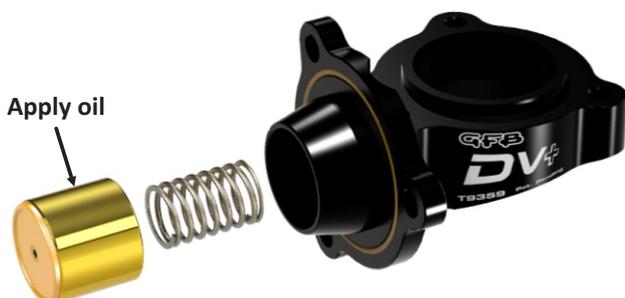


Remove the plastic piston shroud from the solenoid. This should be able to be removed by hand, but if it does need to be levered out take care not to damage any of the plastic pieces. Store the piston, shroud and spring safely as these are not used, and keep the yellow o-ring and bolts for the DV+ installation.



Check the fit of the piston in the DV+ body. It is a very tight tolerance and can sometimes be tricky to get started into the bore. Once inserted, it should slide freely without sticking.

Smear some engine oil onto the piston, then insert it and the main spring into the DV+ body. Note that regular re-lubrication is NOT required.



Hold the piston to prevent it from falling out, then install the DV+ body onto the turbo.



Insert the GFB plunger spring into the diverter solenoid, followed by the plunger. Put the yellow factory o-ring on top of the DV+ body. Hold the plunger with your finger and fit the solenoid assembly onto the DV+ body.



Fasten the solenoid using 3 screws (GFB or factory screws, they are the same). Re-install the turbo intake elbow, intake pipe, breather hose, and electrical connector in the reverse order of disassembly.



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.