

GFB DV+

Installation Instructions

Part #T9302



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TURBO MANAGEMENT SYSTEMS



PERFORMANCE WITHOUT COMPROMISE

INSTALLATION

Installation instructions for Polaris RZR Turbo models.

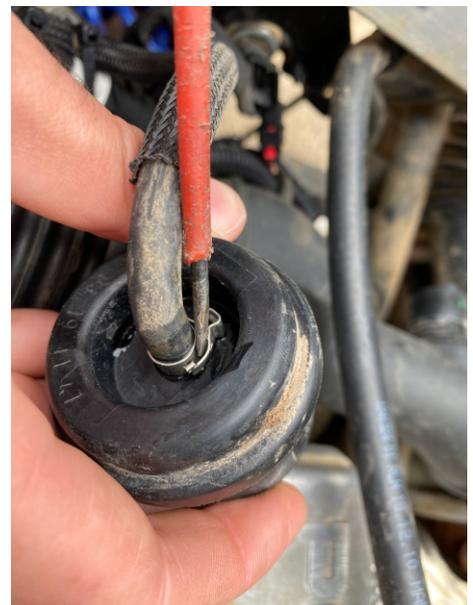
- 1) Begin by removing the rear cargo tray for easy access to the factory bypass valve:



- 2) The heat shield directly above the bypass valve can also be removed for additional access if required.

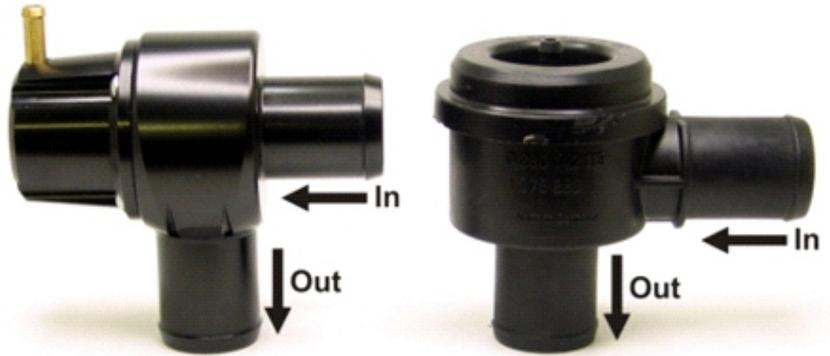
- 3) The crimped hose clamps need to be cut or pried off to remove the bypass valve.

Either cut the top of the crimped section (indicated by the dashed line), or you can bend the small tab (indicated by the arrow) back and forth with pliers to break it off, then pry the end of the band open.



INSTALLATION CONTINUED

5. Note that the GFB valve installs *in the opposite direction to the factory bypass valve*. Boost pressure **MUST** enter the GFB valve from the base, and dump back to the intake from the side:



6. Install the GFB DV+ into the hoses as shown, securing with the supplied hose clamps:



7. Replace the heat shield and cargo tray. Note that the spring pre-load adjustment can be accessed from the side of the vehicle. See the next page for details on spring adjustment.

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:



SPRING PRE-LOAD ADJUSTMENT

Spring pre-load is adjusted via the screw in the centre of the cap, which requires a 5mm hex key:



PLEASE NOTE: The spring pre-load DOES NOT affect the valve's ability to hold boost. It adjusts how easily the valve opens when you lift the throttle, and how long it vents.

There is no "right or wrong" setting, and no risk to the engine or turbo - the valve still performs its function regardless of the setting. It does however play a role in fine-tuning throttle response, so it is worth experimenting to find the setting that suits your preference.

More pre-load offers sharper response, as the valve closes sooner after venting and stays shut at partial throttle. Less pre-load will make the part throttle response more linear and less aggressive.

The best approach to setting up the spring pre-load is to start at the softest setting and go for a drive. Then adjust to the maximum pre-load and compare the throttle response so you can get a feel for the difference. The changes are relatively subtle, so making large adjustments initially will make it easier to detect changes.

You can then make smaller changes to fine-tune the setting if you wish.

If at any point you hear a fluttering sound from the intake when lifting off the throttle, reduce the spring pre-load. The fluttering sound is compressor surge, which means the valve is not venting enough air and reducing the pre-load will resolve this.

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.