

GFB SXV MINI

Installation Instructions

Part #T9300-1



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TURBO MANAGEMENT SYSTEMS



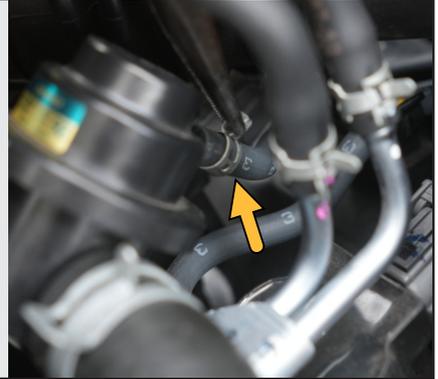
PERFORMANCE WITHOUT COMPROMISE

INSTALLATION

The SXV Mini T9300-1 is a bolt-on BOV kit for the 660cc engine found in many Honda Kei cars. These include the N-BOX, N-ONE, N-WGN and S660.

The factory valve is located at the front of the engine bay, just behind the top radiator support. It is attached with a hose clamp on the inlet side, and by a single bolt flange to an adapter on the re-circulation side. On some vehicles, the re-circulation adaptor can be removed with a second hose clamp, however on others it is molded into the intake pipe. The T9300-1 is designed to be used with the adaptor still in place, so it can be used on either version.

1) Remove the vacuum hose that connects the OEM diverter valve and the solenoid. This hose will be replaced by the supplied GFB hose.



2) Using a 10mm socket or wrench, remove the single screw that holds the outlet side of the OEM diverter valve to its mount on the vehicles intake



3) Loosen the hose clamp and remove the valve along with the hose from the fitting on the charge pipe.



4) The supplied blanking plug can now be installed. Make sure the O-ring is installed, and add a small amount of oil to the O-ring to allow it to slip into place. The blanking plug can be fastened down using the original screw that was removed in step 2.



INSTALLATION

5) The GFB valve can be installed as shown in the image, using the supplied 3/4 ID silicone hose and the two OEM hose clamps.



6) Replace the previously removed vacuum hose with the longer hose supplied in the GFB kit.



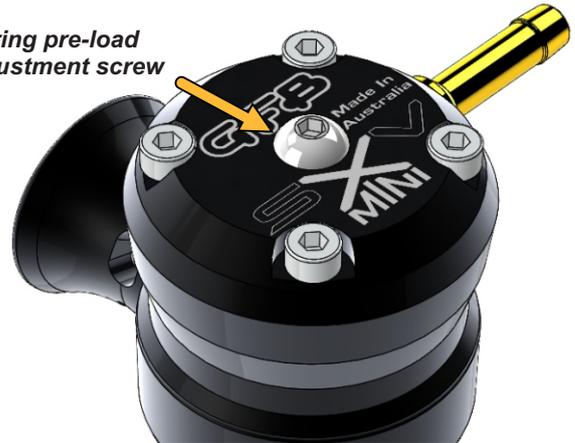
SPRING ADJUSTMENT

The screw in the centre of the cap is the spring pre-load screw.

The SXV Mini is supplied with 4 different length screws, the shortest of which is installed in the valve from the factory.

To change the pre-load, simply swap the screw for a longer or shorter one.

Spring pre-load
adjustment screw



The SXV **DOES NOT** require spring pre-load adjustment to suit specific boost pressures. The pressure-balancing design means that whilst the throttle is open, the pressure on both sides of the piston is equal so it will stay shut under boost REGARDLESS of the spring setting or the boost pressure.

The spring pre-load is used to adjust how easily the valve vents, and how long it vents for when lifting off the throttle.

Ideally, the best setting is one where the piston is closed at idle, and opens easily enough when revving the engine to prevent compressor surge (turbo flutter).

TECH SUPPORT

Just installed your shiny new valve 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.