

## WRX MY99 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

### IMPORTANT NOTES ON FITTING YOUR BOV WRX MY99 ADAPTOR

Turbosmart recommends that your Blow Off Valve (BOV) and Adaptor kit is fitted by an appropriately qualified technician.

### ADAPTOR KIT CONTENTS

Please check that the following items have been provided in your WRX MY99 adaptor Kit.

Qty	Description	Use
1	MY99 Adaptor	Mounts on WRX intercooler and fits to Turbosmart BOV
200mm	5mm ID Silicon hose assembly	Preassembled with a 6mm reducer to connect the factory boost / vacuum line to Turbosmart BOV
1	29mm Blanking Plug	To blank off the plumb-back fitting
1	Adaptor gasket	To seal the WRX intercooler with the MY99 Adaptor
1	Extension bracket	To reposition the fuel line bracket so that the fuel line does not interfere with the BOV
1	M6 bolt	To secure the Fuel line bracket to the manifold
1	5mm spring clamp	Secures 5mm end of the vacuum/boost hose onto the BOV
1	6mm spring clamp	Secures 6mm end of the vacuum/boost hose to the factory boost/vacuum hose

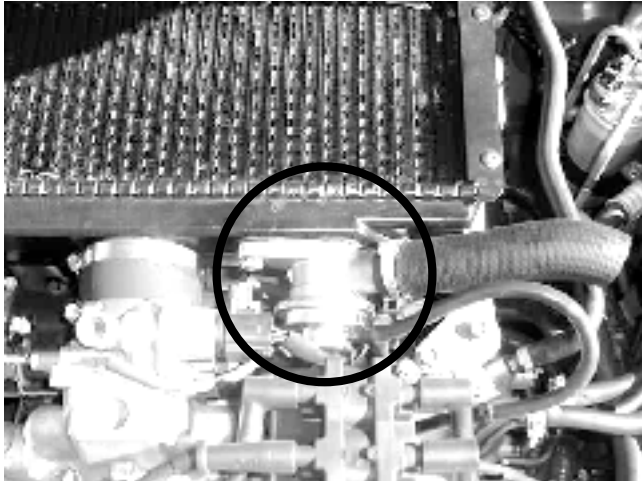
Note: This WRX MY99 Adaptor readily accepts the following Turbosmart BOVs:

Blow Off Valve Name	Part No.
Blow-off Valve - Vee Port	FG-BOV-002VP
Blow-off Valve - Supersonic	FG-BOV-003SS
Blow-off Valve - Plumb Back 29mm Outlet	FG-BOV-003PB29
Blow-off Valve - Dual Port 29mm Outlet	FG-BOV-003DP29

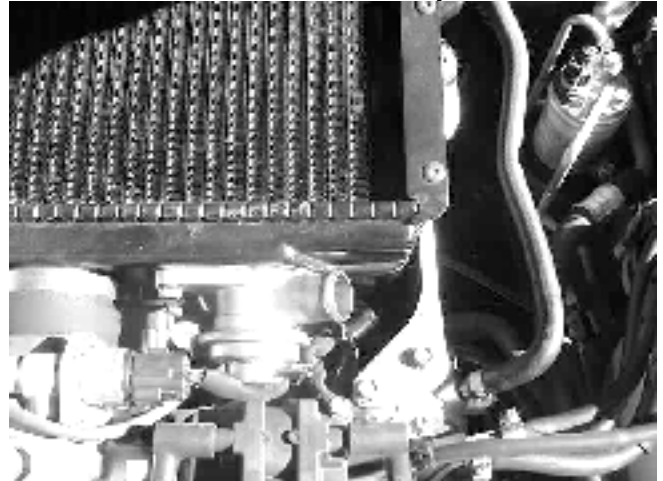
### FITTING YOUR BOV WRX MY99 ADAPTOR

**Note:** Please thoroughly read and understand both these instructions and the fitting instructions supplied with your BOV before commencing this installation.

**Step 1.** Locate the factory BOV mounted on the Intercooler.



**Step 2.** Disconnect the plumb-back hose and the vacuum/boost hose from the factory BOV.

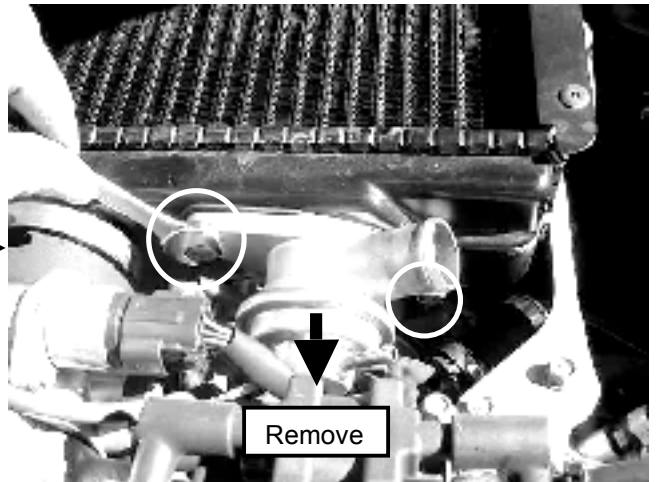


## WRX MY99 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

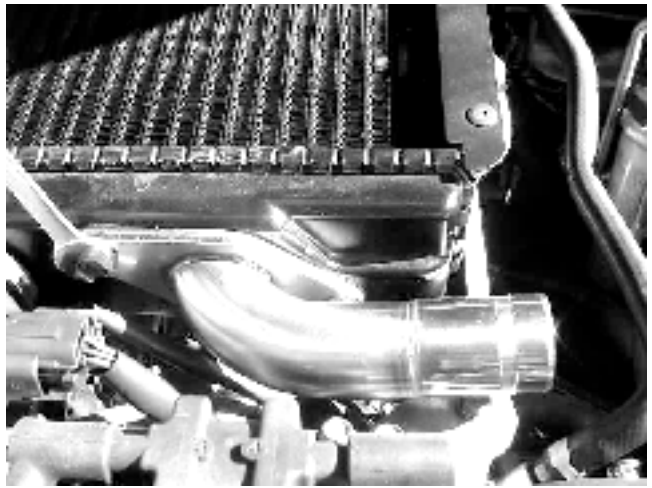
**Step 3.** Fit the blanking plug to the factory return hose using the factory hose clamp. (If you are installing a Type III Dual Port or a Plumb Back, do not blank off the return hose, you will be attaching this hose to the plumb-back fitting on the BOV.)



**Step 4.** Remove the two bolts on either side of the factory BOV flange using a 12mm socket or spanner. Remove the BOV and old factory gasket.



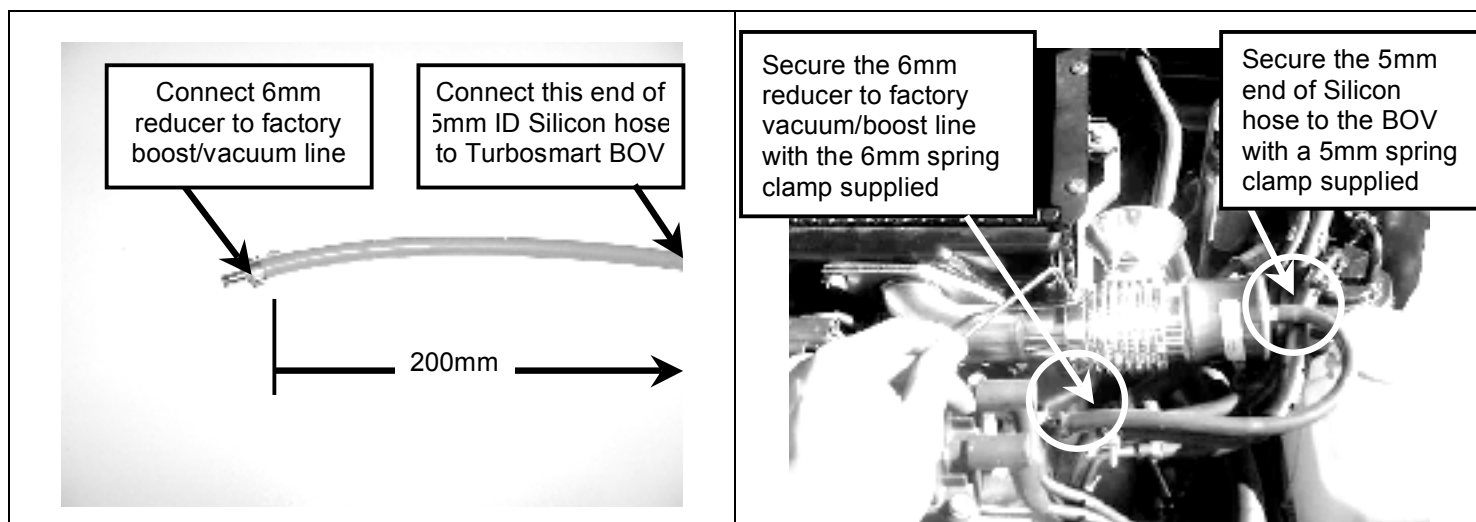
**Step 5.** Place the supplied Turbosmart gasket between the intercooler and adaptor. Using a 12mm socket or ring spanner, fasten the two bolts on either side of the adaptor flange. Trial fit the BOV by rotating it to the desired position. Ensure there is adequate clearance around the BOV allowing for engine movement and ensure that the BOV does not interfere with any hosing in the immediate area.



**Step 6.** Install your Turbosmart BOV onto the adaptor by following the instructions included with the BOV.

## WRX MY99 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

**Step 7.** Take the pre-assembled 5mm ID Silicon hose & reducer and connect the assembly as shown below.



If you are installing a Vee Port or Supersonic BOV, your installation is complete.

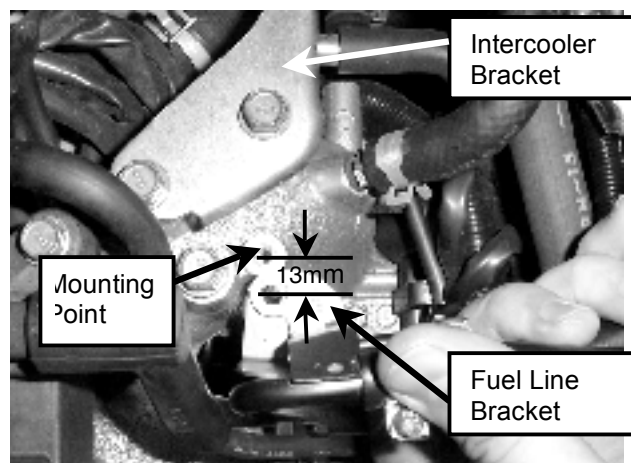
**Continue to STEP 9 if you are installing a Plumb back or Dual Port BOV.**

**Follow this step only if you are installing a Dual Port BOV.** Continue on to Step 10 if you are installing a Plumb Back BOV.

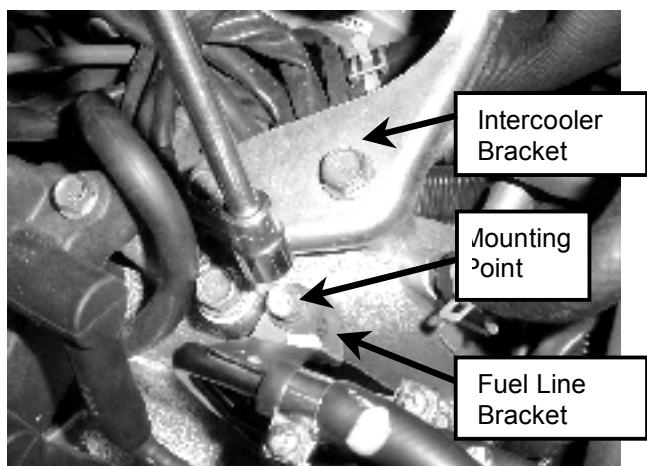
**Step 9.** You will need to reposition the fuel line bracket so that it does not interfere with a Dual Port BOV. This bracket is left of the factory BOV and just in front of the intercooler bracket.

Undo the factory bolt securing the fuel line bracket using a 10mm socket. Then place the extension bracket between the mounting point and fuel line bracket. The difference in distance is 13mm.

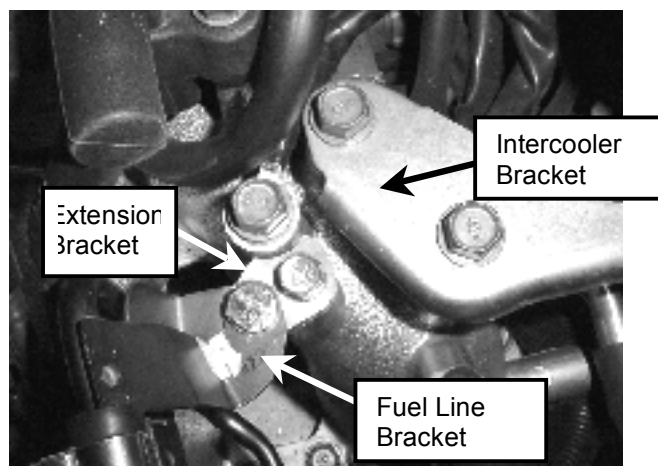
With the factory bolt, secure the extension bracket to the mounting point using a 10mm socket. Use the M6 bolt supplied to secure the fuel line bracket to the extension bracket.



### Before repositioning

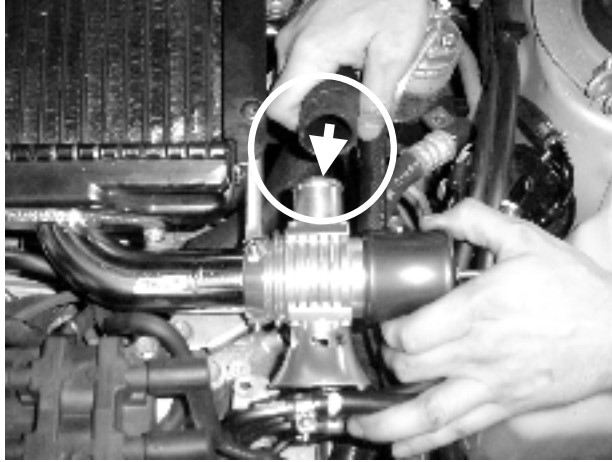


### After repositioning

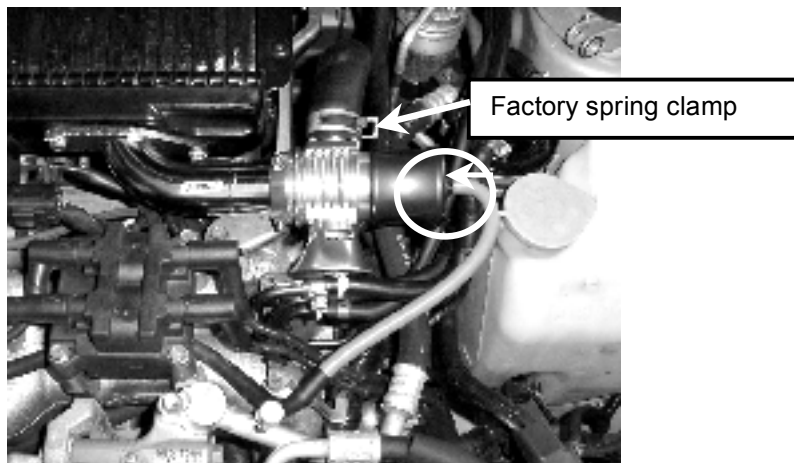


## WRX MY99 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

**Step 10.** Connect the factory return hose to the plumb back fitting on the BOV. Take care not to kink the return hose when connecting it to the plumb back fitting. You may need to loosen the other end of the return hose and rotate it slightly to prevent any kinks. Secure the return hose to the plumb back fitting with the factory spring clamp.



**Step 11.** Connect the 5mm end of the pre-assembled Silicon hose to the BOV. Secure the fitting with the 5mm spring clamp supplied. Your installation is complete.



### TOUBLE SHOOTING

The following points should be checked if you find that your engine is dipping below normal idle, stalling or if the BOV is functioning poorly. Please note the following checks will cure 99% of problems experienced with fitting your BOV.

- Check that the O-ring on the base of the BOV is fitted correctly and is in good condition.
- Ensure that the MY99 Flange fits securely over the gasket & Intercooler and without leaks.
- Ensure that the BOV grub screws and lock-nuts are tightened on the adaptor.
- Ensure gasket is in place between the adaptor flange and the intercooler.
- Ensure that the factory nuts securing the adaptor flange onto the intercooler is tightened.
- Ensure the vacuum/boost line is connected to the BOV fitting and secured with the 5mm hose spring clamp.
- If you are installing an atmospheric BOV, check the 29mm Blank is fitted on the return hose and secured with the factory hose clamp.
- If you are installing a Dual Port or Plumb Back BOV, check the plumb back fitting is connected to the return hose and secured with the factory hose clamp.
- Re-adjust the setting of your BOV, refer to your BOV fitting instructions for further information.

#### Warranty

Turbosmart warrants its products to be free from faults or defects for the life of the product. \*

\* Subject to Turbosmart trading terms and conditions

#### Warning!

Incorrect use of this product may result in damage to your vehicle. Failure to observe any notes or recommendations may result in incorrect use of this product. This product is intended for use in off-road racing only. Turbosmart will accept no responsibility for the incorrect use of this product.

#### Disclaimer!

Turbosmart will not be held responsible for any damage caused to property or person, directly or indirectly related to the use of any Turbosmart products.



PART NUMBER
----------------

## **WRX MY99 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS**

### **THE TURBOSMART PLEDGE**

DO NOT USE ANY TURBOSMART PRODUCT UNTIL YOU HAVE CAREFULLY READ AND UNDERSTOOD THE FOLLOWING AGREEMENT.

Please call if you have any questions or do not understand this agreement. Refer to our brochure, website or catalogue for terms and conditions and further information regarding your product. Turbosmart appreciates your business and pride ourselves on our customer service. We are always happy to offer you advice and will provide you with help in any way we can. The purpose of this agreement is to avoid any problems or hard feelings.

We sometimes make mistakes, as do our dealers, distributors and suppliers. Even customers can sometimes order the wrong parts. Do not use, modify, install, trial assemble, nick, drop, scratch or adjust any part until you first check for any damage. Damage must be reported immediately. NO EXCEPTIONS. If there are any components missing please contact your authorised reseller immediately upon receipt of your shipment. Missing components must be reported within five (5) business days of receipt. Parts returned for any reason MUST BE IN RESALABLE CONDITION. It is YOUR responsibility, "THE CUSTOMER" to carefully package any returns to avoid shipping damage. Insurance is highly recommended. Credit cannot be issued for damaged goods.

Turbosmart Pty Ltd warrants the quality of the products it designs and manufactures to be free of defects in material and workmanship. This limited warranty is extended only to the original purchaser and may not be transferred or assigned. This limited warranty applies to any product, which after careful inspection by Turbosmart Pty Ltd, after receipt of the product from our authorised reseller, is found to have a defect in either material or workmanship. Any modifications to the product will void any and all warranties and will not be exchanged. Before installation, check new car warranty. Turbosmart Pty Ltd is not responsible for voiding any original manufactures warranty.

All warranty claims must be returned to the authorised reseller, you must return the product and sales receipt, at your own expense, accompanied by a letter stating the reason for the claim. Proof of purchase must be provided with any warranty claim and will be verified with the authorised reseller from which the product was purchased.

If all the above procedures are followed, and the product is found to be defective in either workmanship or material, Turbosmart Pty Ltd shall either repair or replace the product, at its sole discretion, and sole cost. This limited warranty does not cover or apply to any personal injury, labour charges or any other incidental costs or damages caused by the defective product. The individual purchaser acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the individual purchaser agrees to indemnify Turbosmart Pty Ltd and to hold Turbosmart Pty Ltd harmless for any claim related to the item of the equipment purchased. Under no circumstances will Turbosmart Pty Ltd be liable for any damages or expenses by reason of use or sale of any such equipment.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY, WHICH APPLIES TO TURBOSMART PTY LTD PRODUCT AS EXPRESSLY GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED, INCLUDING THAT OF MERCHANTABILITY. ANY IMPLIED WARRANTY INCLUDING THAT OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE IS HEREBY LIMITED BY THE SAME TERMS AND TIME LIMITATIONS SET FORTH IN THIS LIMITED EXPRESS WARRANTY AND OTHERWISE EXCLUDED.

EXCEPT FOR THOSE OBLIGATIONS ASSUMED HEREIN, TURBOSMART PTY LTD ASSUMES NO OTHER OBLIGATIONS IN CONNECTION WITH THE SALE OF ITS PRODUCTS.

IN THE EVENT THAT THE INDIVIDUAL PURCHASER DOES NOT AGREE WITH THIS AGREEMENT THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UN-USED CONDITION, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN SIXTY (60) DAYS FROM THE DATE OF PURCHASE FOR A FULL REFUND.

THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE INDIVIDUAL PURCHASER HAS READ AND UNDERSTOOD THIS AGREEMENT AND ACCEPTS ITS TERMS AND CONDITIONS.

**Happy motoring!**

The Turbosmart Team.