

2.0L GT FORESTER BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

IMPORTANT NOTES ON FITTING YOUR BOV 2.0L GT FORESTER 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 2.0L GT Forester adaptor Kit.

Qty	Description	Use
1	2.0L GT Forester Adaptor	Designed to specifically fit to the Forester's intercooler
1	Flange Gasket	For fitment between the intercooler and the Forester adaptor
1	29mm Blanking Plug	To seal the factory return hose
1	450mm Length of 5mm Vacuum Hose	Connects Blow-Off-Valve to the intake manifold fitting
1	6mm hose spring clamp	Secures the 6mm end of the Silicon hose assembly to engine manifold fitting
1	5mm hose spring clamp	Secures the 5mm end of the Silicon hose assembly to the Turbosmart BOV

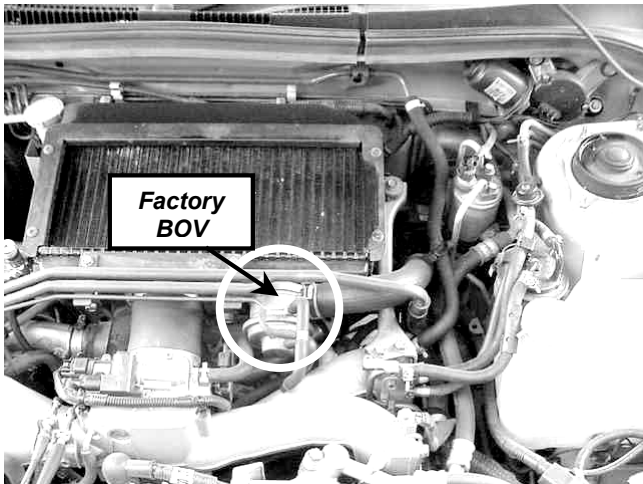
Note: This Forester Adaptor readily accepts the following Turbosmart BOVs:

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

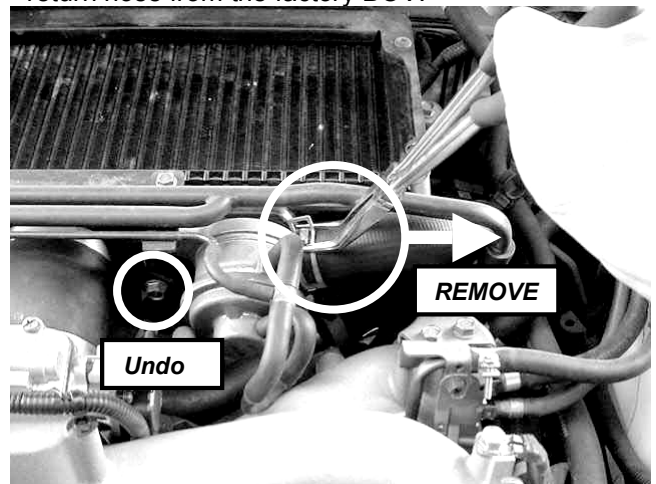
FITTING YOUR BOV GT FORESTER ADAPTOR

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.



Step 2. Using a 12mm socket or spanner, undo the two nuts securing the factory BOV. Remove the hose clamp securing the return hose and disconnect the return hose from the factory BOV.



Step 3. Disconnect the two vacuum/boost lines connected to the factory BOV.

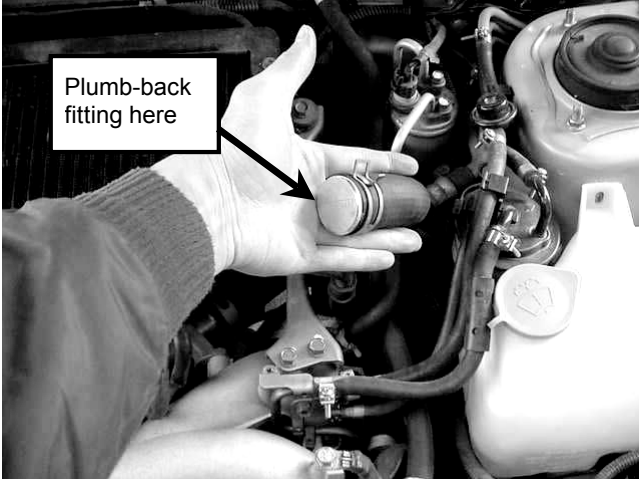


Step 4. Remove the factory BOV and old factory gasket.



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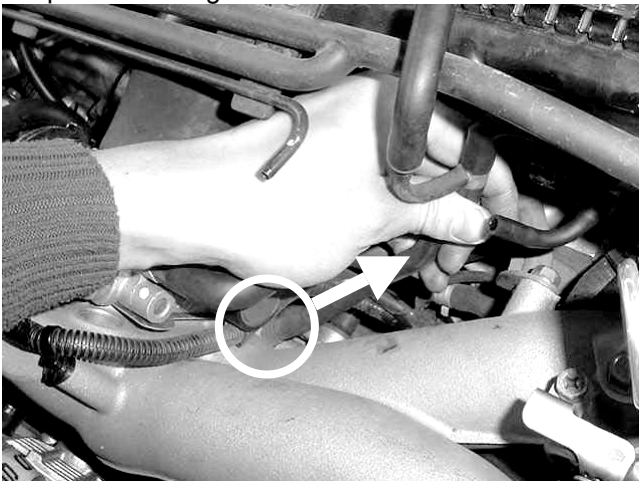
Step 5. Blank off the return hose with the 29mm Turbosmart plug supplied. Secure the plug with the factory hose clamp. (If you are installing a Type III Dual Port or a Plumb Back, do not blank off the return hose, you will be attaching this hose to the plumb-back fitting on the BOV.)



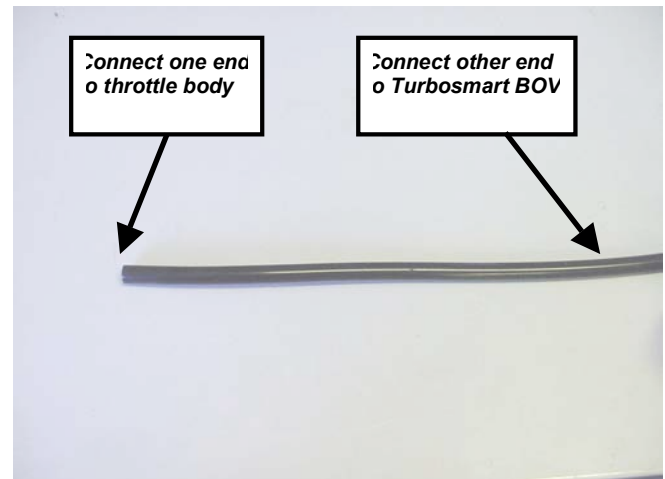
Step 6. Remove the whole vacuum/boost line by first disconnecting the hose from the small diameter pipe.



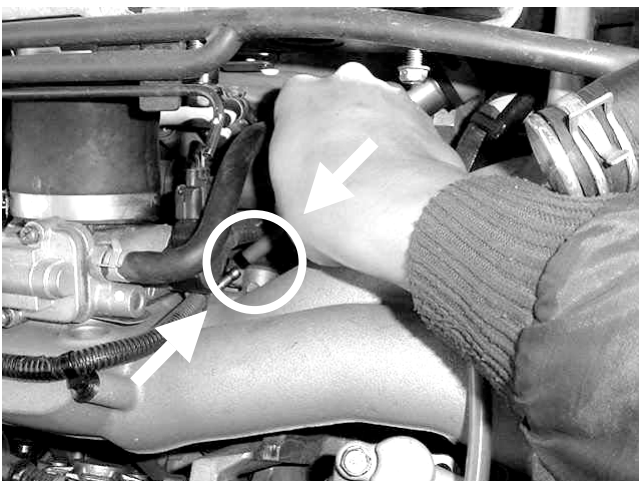
Step 7. Finish removing the vacuum/boost line by disconnecting it from the intake manifold to expose the fitting.



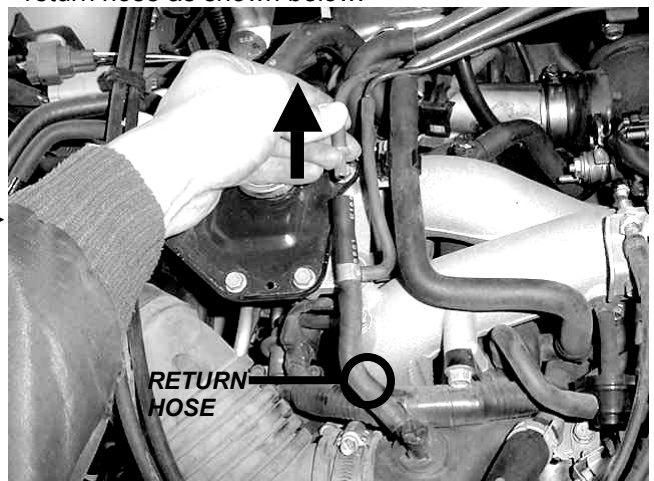
Step 8. Connect the 450mm silicon hose assembly as shown in the diagram below:



Step 9. Install one end of the Silicon hose assembly supplied onto the intake manifold fitting and secure with the 6mm spring clamp supplied.

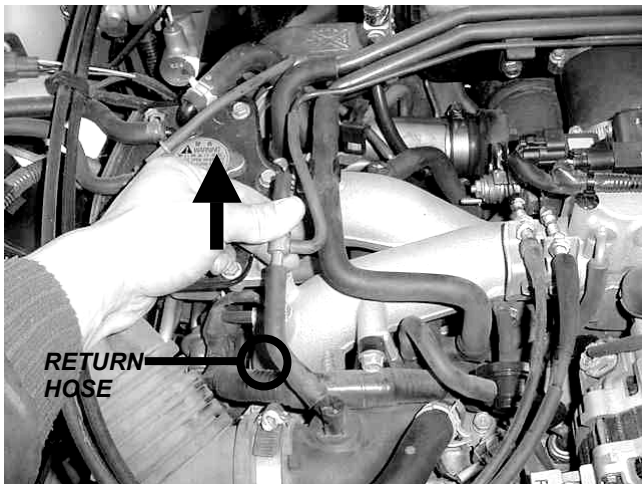


Step 10. Near the headlights on the left side of the engine bay, re-route the hoses feeding back to the air intake pipe. Disconnect the plastic reducer from the return hose as shown below.

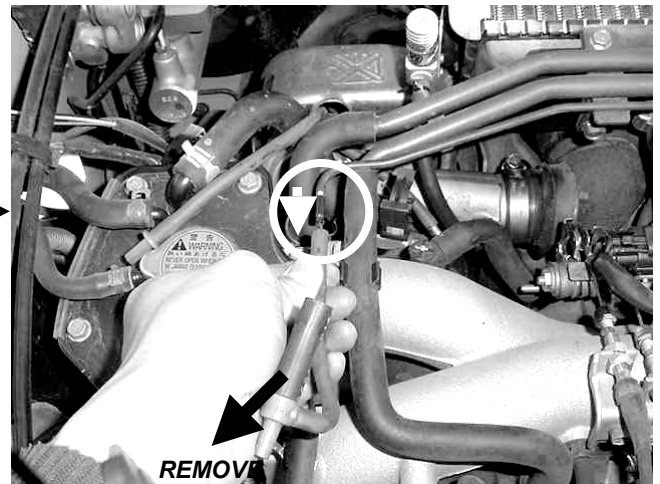


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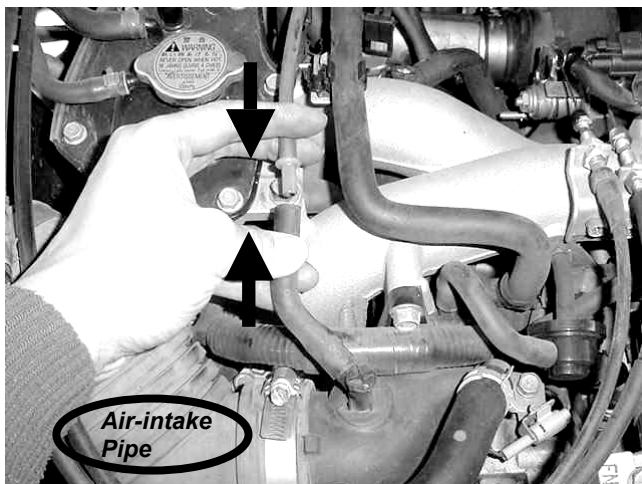
Step 10. Disconnect the plastic tee piece from the return hose.



Step 11. Disconnect the tube connected to the small pipe. Then remove the whole tubing.



Step 12. Reconnect the plastic reducer to the return hose feeding back into the big air intake pipe.



Step 13. Install your Turbosmart BOV onto the adaptor by following your Turbosmart BOV instructions.



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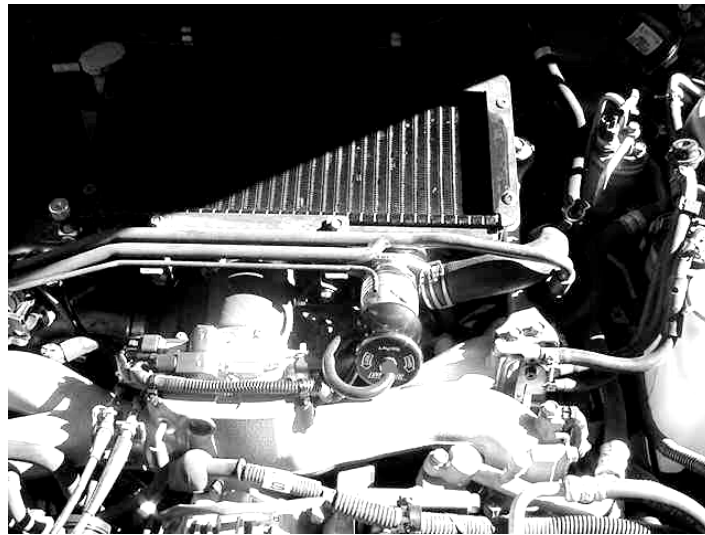
Step 14. Place the supplied Turbosmart gasket between the intercooler and adaptor. Using a 12mm socket or ring spanner, fasten the two bolts on either side of the adaptor flange.



Step 15. Insert the free end of the Silicon hose assembly over your Turbosmart BOV fitting and secure it with the 5mm hose spring clamp supplied.



Step 16. Your installation is complete and should look as pictured below.



TROUBLE 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 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 factory vacuum/boost line is connected to the BOV fitting and secured with the 6mm hose spring clamp.
- Check the 29mm Blank is fitted on the return hose and secured with the factory hose clamp.
- Re-adjust the setting of your BOV. Please refer to your BOV fitting instructions for further information.



PART NUMBER
FG-ADM-FRST20

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TURBOSMART ONE YEAR LIMITED WARRANTY

Turbosmart is a company built on Customer Satisfaction and Service. That is why all of our products go through regimented test procedures before they are packaged and shipped. Turbosmart stands behind its products for one full year after purchase. Terms of Warranty, Service and Returns are as follows:

Limited Warranty: Turbosmart warrants its products to be free from defects in material and workmanship under normal use and if properly installed for a period of one year from date of purchase. If found to be defective, it will be replaced or repaired if returned prepaid along with proof of date of purchase. This shall constitute the sole remedy of the purchaser and the sole liability of Turbosmart to the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Turbosmart be liable for special or consequential damages. This warranty is only valid on products purchased from Turbosmart Authorized Dealers.

Service: After the warranty period has expired, repair service is charged based on a minimum and maximum charge rate. (Contact Customer Service for current rate).

Returns: When returning a Turbosmart product for repair, it must be accompanied by a completed Customer Warranty Form and RMA number. To access this form please go to our website www.turbosmartonline.com and you will find it on the Downloads page.

THE TURBOSMART PLEDGE

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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 authorized 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 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, after receipt of the product from our authorized 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 is not responsible for voiding any original manufactures warranty.

All warranty claims must be returned to the nearest Turbosmart Office, you must return the product and sales receipt, at your own expense, accompanied by the Customer Warranty Form stating the reason for the claim. Proof of purchase must be provided with any warranty claim and will be verified with the authorized 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 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, labor 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 and to hold Turbosmart harmless for any claim related to the item of the equipment purchased. Under no circumstances will Turbosmart be liable for any damages or expenses by reason of use or sale of any such equipment.

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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 SEVEN (7) 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.