

## SKYLINE R33 GTS-T BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

### IMPORTANT NOTES ON FITTING YOUR SKYLINE R33 BOV 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 Skyline R33 Adaptor Kit.

Qty	Description	Use
1	Skyline R33 BOV adaptor	Designed to fit your R33 Skyline crossover pipe
1	29mm blank	Blanks off the factory plumb back hose
1	Flange Gasket	Seals the R33 Adaptor to the crossover pipe
1	480mm Silicon hose assembly	Connects the factory vacuum/boost source to the Turbosmart BOV
1	6mm spring clamp	Secures the 6mm end of the Silicon hose assembly over the factory vacuum source
1	5mm spring clamp	Secures the 5mm end of the Silicon hose assembly over the Turbosmart BOV

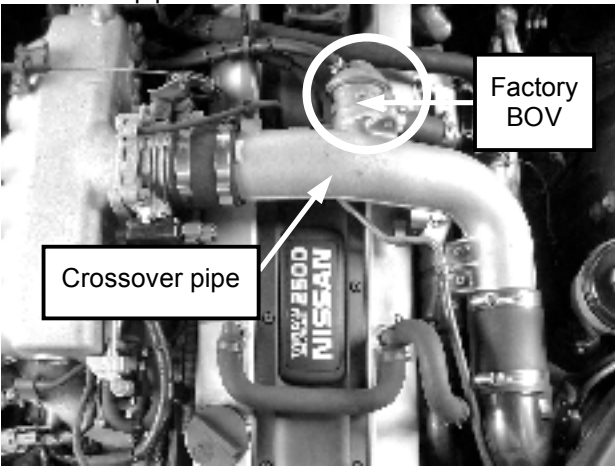
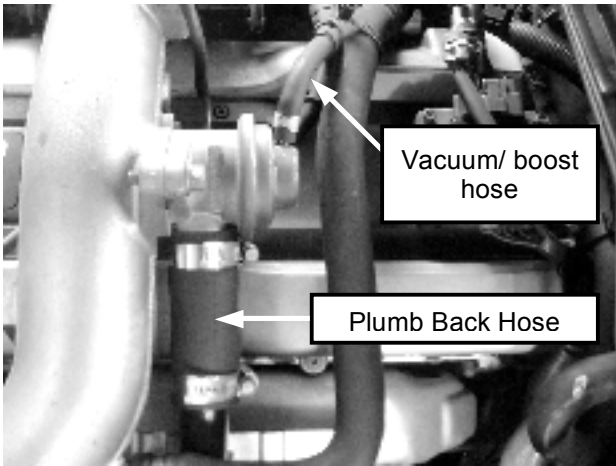
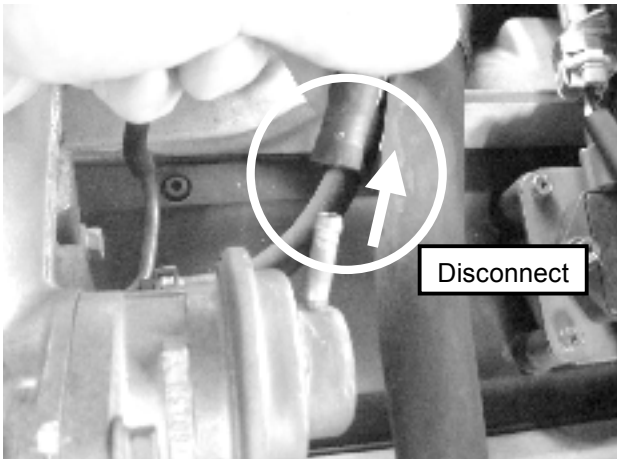
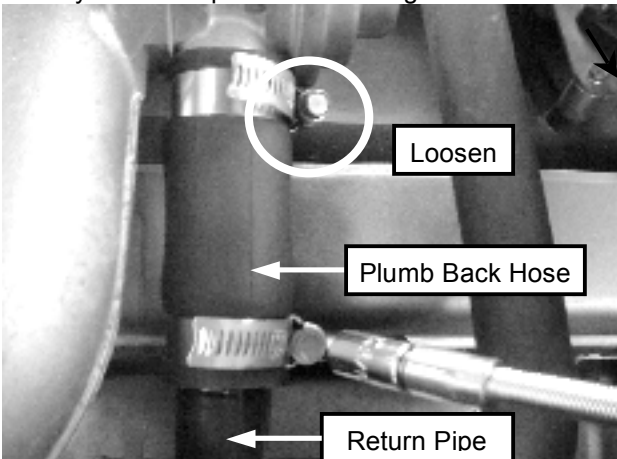
Note: This Skyline R33 Adaptor readily accepts the following Turbosmart BOVs:

Blow Off Valve Name	Part No.
Blow-off Valve - Vee Port	FG-BOV-002VP
Blow-off Valve - Supersonic	FG-BOV-003SS
Blow-off Valve - Megasonic	FG-BOV-003MS
Blow-off Valve - Plumb Back **	FG-BOV-003PB32
Blow-off Valve - Dual Port **	FG-BOV-003DP32

\*\* Plumb back kit is required to connect Plumb Back and Dual Port fittings back to the intake, part # FG-ADM-R33PBK

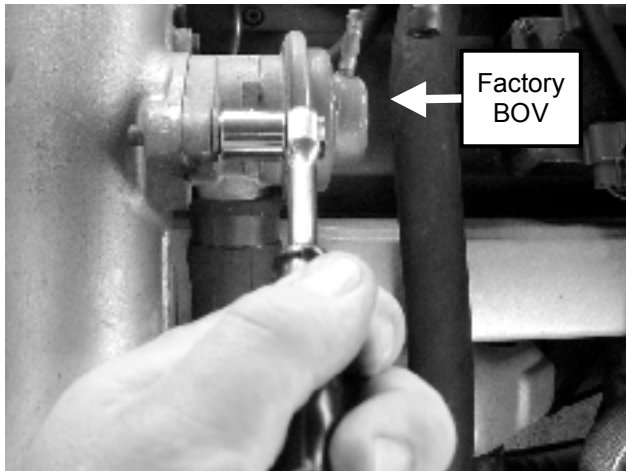
### FITTING YOUR BOV SKYLINE R33 ADAPTOR

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

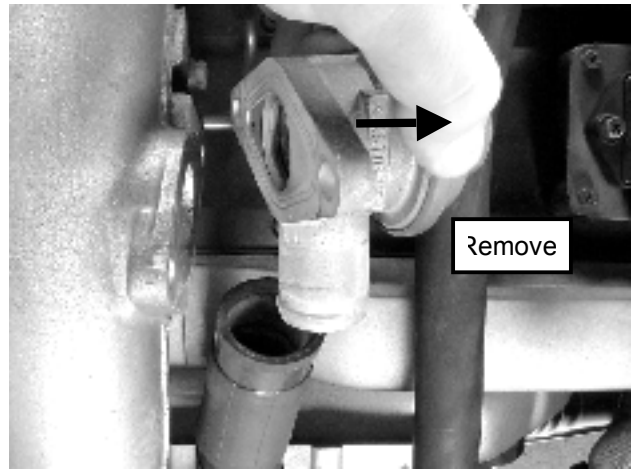
<p><b>Step 1.</b> Locate the factory BOV mounted on the crossover pipe.</p> 	<p><b>Step 2.</b> Identify the boost/vacuum line and plumb back hose.</p> 
<p><b>Step 3.</b> Disconnect the vacuum hose.</p> 	<p><b>Step 4.</b> Loosen the factory hose clamp securing the return hose. Remove the plumb back hose from the factory BOV and plumb back fitting.</p> 

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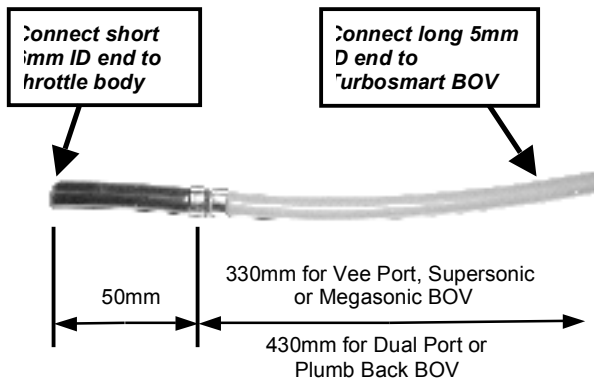
**Step 5.** Using a 12mm socket, loosen the two factory bolts on either side of the factory BOV.



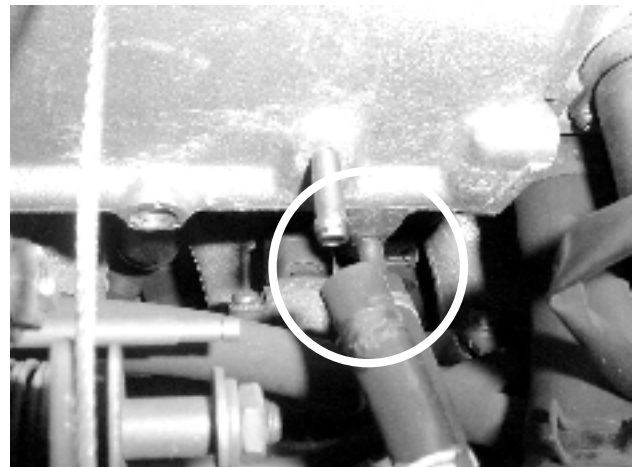
**Step 6.** Remove the factory BOV and factory gasket.



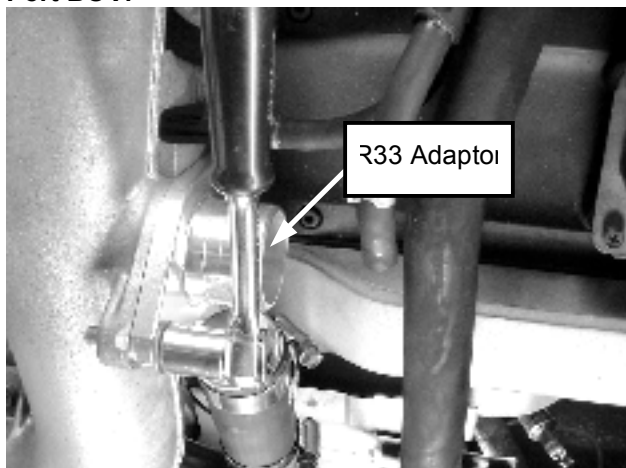
**Step 7.** Prepare the vacuum hose as shown below. If you are installing a Vee Port, Supersonic or Megasonic BOV, you will need to trim the 5mm ID hose down to a length of 330mm. If you are installing a Dual Port or Plumb Back BOV, you do not have to do any trimming.



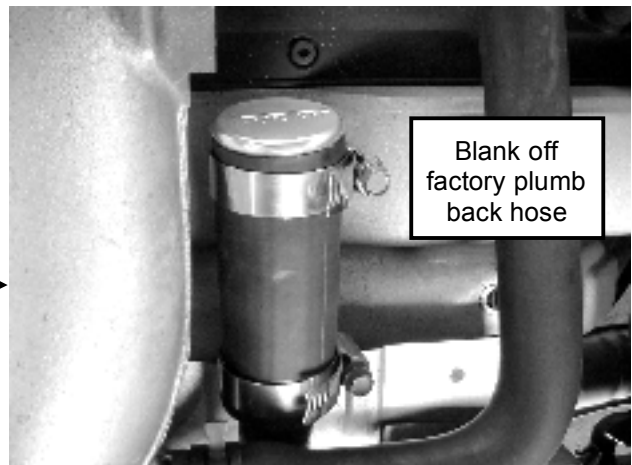
**Step 8.** Install the 6mm end of the Silicon hose assembly to the factory vacuum/boost source. Secure the Silicon hose with the 6mm spring clamp supplied.



**Step 9.** Place the gasket supplied between the R33 Adaptor and flange. Then secure the R33 Adaptor by tightening the two factory bolts with a 12mm socket. **Go to the Plumb Back Kit instructions if you are installing either a Plumb Back or Dual Port BOV.**

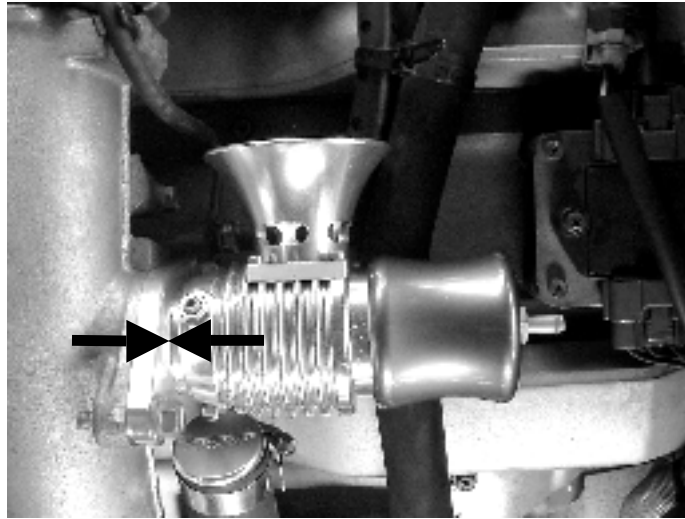


**Step 10.** Blank off the factory plumb back fitting with the supplied blanking plug. Secure the fitting with the factory hose clamp.

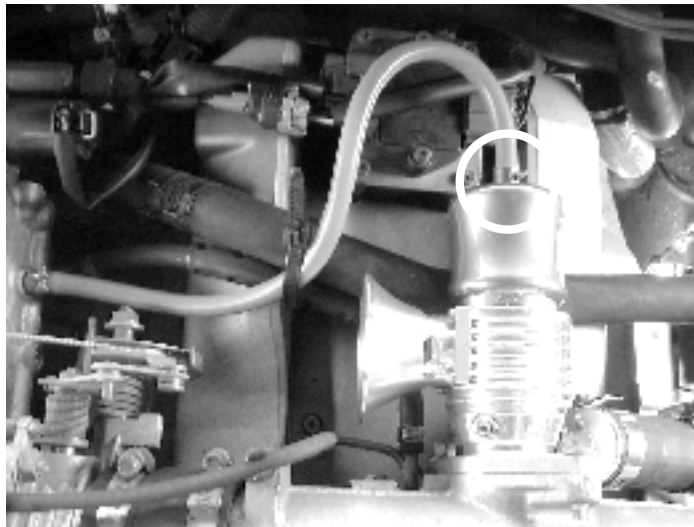


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**Step 11.** Install your Turbosmart BOV onto the R33 Adaptor by following the instructions included with the BOV.



**Step 12.** Connect the 5mm end of the Silicon hose assembly to the Turbosmart BOV fitting. Secure the fitting with the 5mm hose spring clamp supplied.



If you are installing Vee Port, Supersonic or Megasonic BOV, your installation is complete! Otherwise, please see your Plumb Back Kit instructions if you are installing either a Plumb Back or Dual Port BOV.

### 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 grub screws and lock-nuts are tightened on the BOV adaptor.
- Ensure that the grub screws and lock-nuts are tightened on the BOV.
- Ensure the supplied gasket is installed between the crossover pipe and the R33 adaptor.
- Ensure the factory plumb back fitting is blanked off with the blanking plug supplied.
- Ensure the spring clamp is secured on the Silicon hose to the BOV and the boost/vacuum fitting.
- Re-adjust the setting of your BOV. Please 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

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### 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.

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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.**