

180SX-CA18 BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

IMPORTANT NOTES ON FITTING YOUR BOV 180SX-CA18 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 180SX-CA18 Adaptor Kit.

Quantity	Description	Use
1	180SX CA18 adaptor pipe	Joining pipe from intercooler to turbo
2	70mm constant tension hose clamps	Secures the CA18 Adaptor to factory pipes
1	Pre-assembled tee-piece and Silicon hose assembly	Connects to the intake manifold nipple, Turbosmart BOV and existing factory boost/vacuum line
1	5mm spring clamp	Secures the 5mm Silicon hose over the Turbosmart BOV
1	6mm hose clamp	Secures the 6mm hose onto the intake manifold nipple

Note: This 180SX-CA18 Adaptor readily accepts the following Turbosmart BOVs:

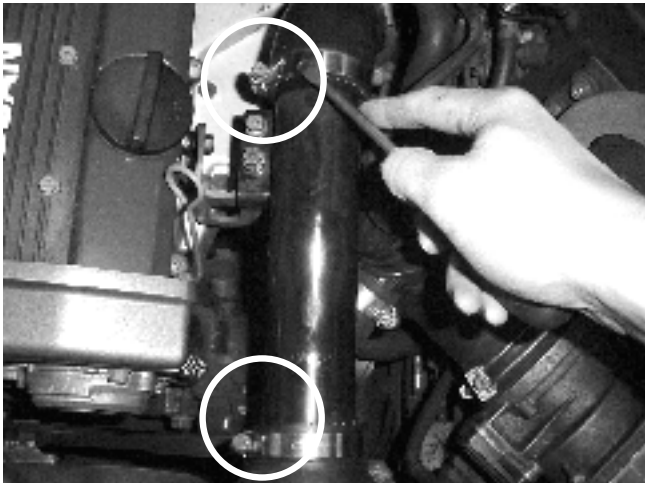
Blow Off Valve Name	Part No.
Blow-off Valve - Vee Port	FG-BOV-002VP
Blow-off Valve - Supersonic	FG-BOV-003SS
Blow-off Valve - Megasonic	FG-BOV-003MS

To install a Dual Port or Plumb Back BOV, fabrication will be required to connect the plumb-back fitting to the intake.

FITTING YOUR BOV 180SX-CA18 ADAPTOR

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

Step 1. Undo the hose clamps on the factory crossover pipe.

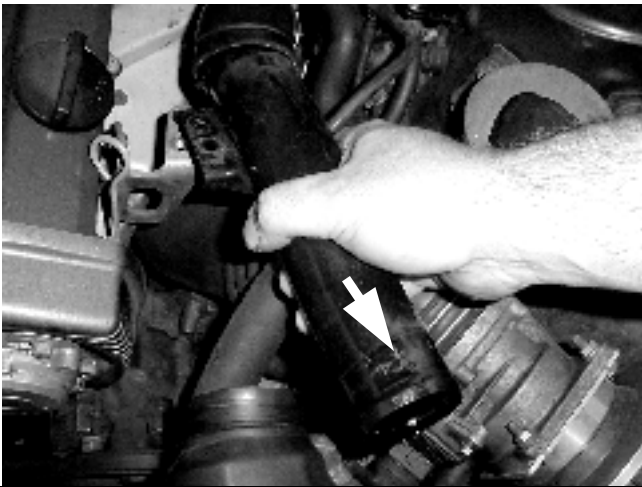


Step 2. Undo the bolts that secure the factory pipe, using a 12mm socket.



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Step 3. Remove the factory Pipe.



Step 4. Install your Turbosmart BOV onto the CA18 Adaptor by following the instructions included with the BOV.



Step 5. With the BOV fitted, insert your CA18 Adaptor between the turbo outlet and the intercooler pipe.



Step 6. Use the 70mm constant tension hose clamps supplied to secure the factory pipes to the CA18 Adaptor pipe. Tighten the hose clamps with a 7mm socket or screwdriver.



Step 7. Secure the CA18 Adaptor onto the mounting by tightening the two factory bolts with a 12mm socket.

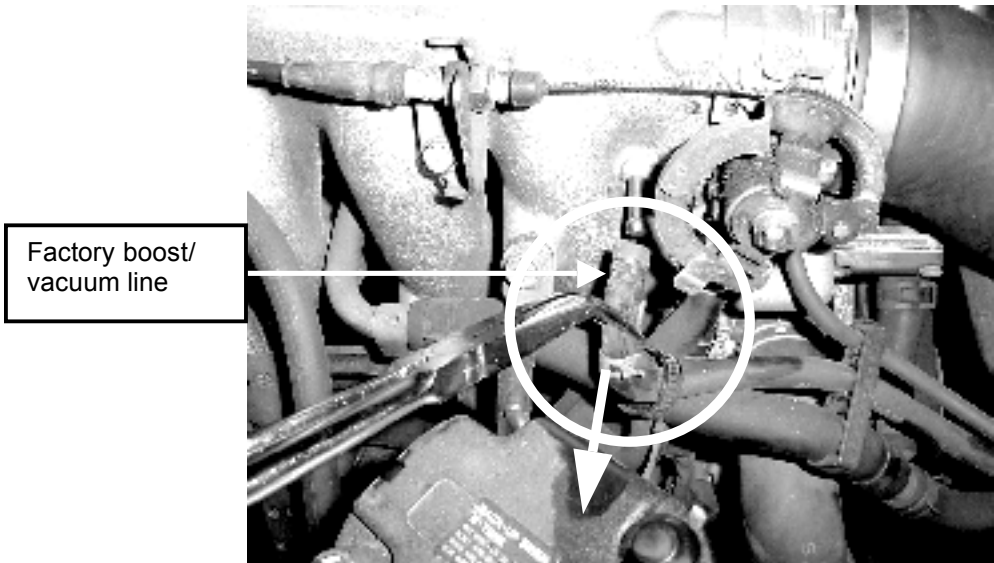


Step 8. Locate the intake manifold fitting connected to the factory boost/vacuum line. It is on the left hand side of the engine bay.

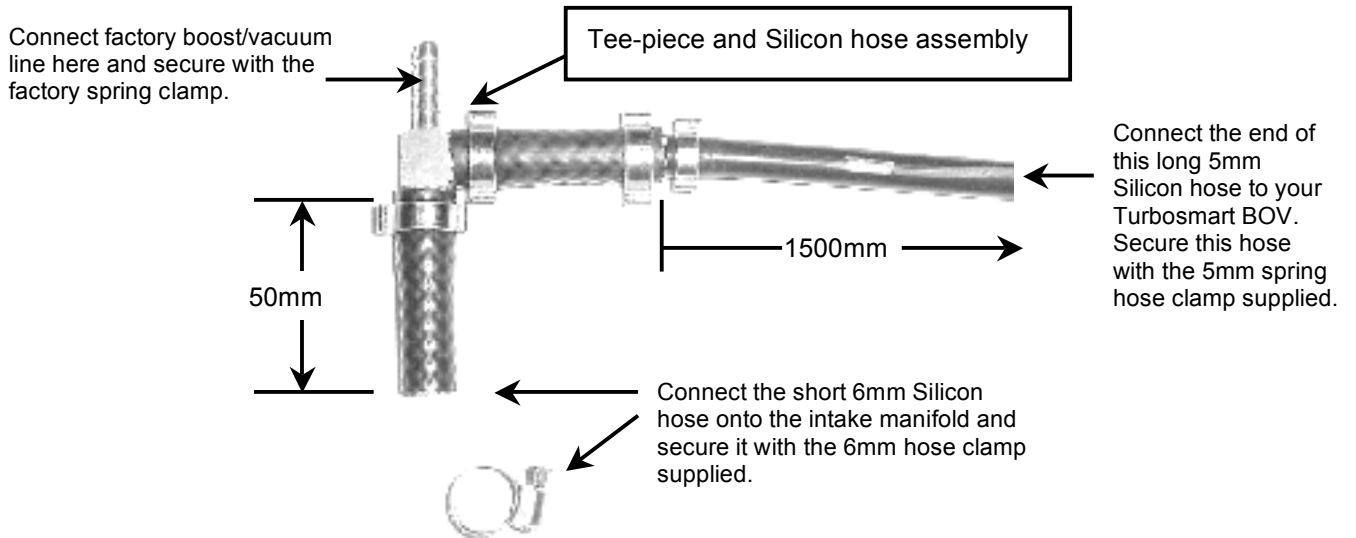


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Step 9. Remove the factory boost/vacuum line to expose the fitting.

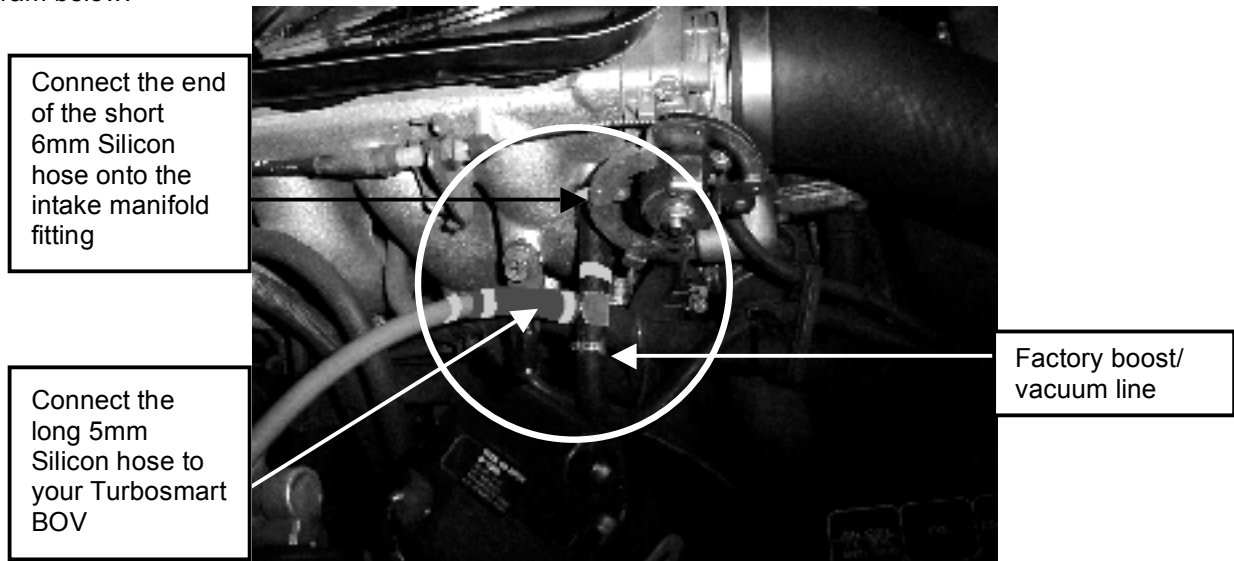


Step 10. Connect the pre-assembled tee-piece and silicon hose assembly illustrated below, to the exposed fitting on the intake manifold.

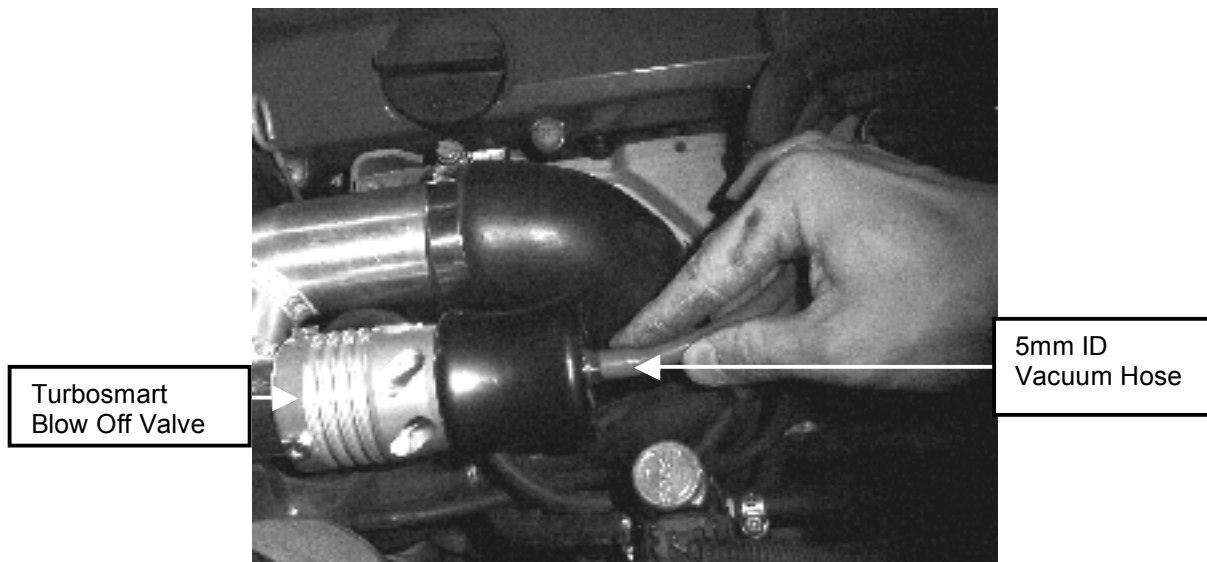


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Step 11. When you have connected the tee-piece and Silicon hose assembly to the manifold, it should look the same as the diagram below:



Step 12. Connect the 5mm Silicon hose to the BOV and secure it with the 5mm spring clamp supplied.



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 the 70mm hose clamp is tightened over the turbo outlet and adaptor.
- Ensure the 70mm hose clamp is tightened over the intercooler pipe and adaptor.
- Ensure the spring clamps are secured on silicon hoses and fittings.
- 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.

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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.

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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.

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Happy motoring!

The Turbosmart Team.