

COPEN BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

IMPORTANT NOTES ON FITTING YOUR BOV COPEN 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 Copen adaptor Kit.

Quantity	Description	Use
1	19mm blanking plug	To blank off the return hose on the Copen
1	Pre-assembled Silicon hose assembly	Connects the throttle body vacuum fitting to the Kompact BOV fitting (3mm ID - 40mm / 5mm ID - 225mm)
1	4mm blanking plug	To blank off the auxiliary boost fitting
1	3mm spring clamp	Secures the pre-assembled Silicon hose assembly to the throttle body vacuum fitting
1	5mm spring clamp	Secures the pre-assembled Silicon hose assembly to the Turbosmart BOV fitting

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

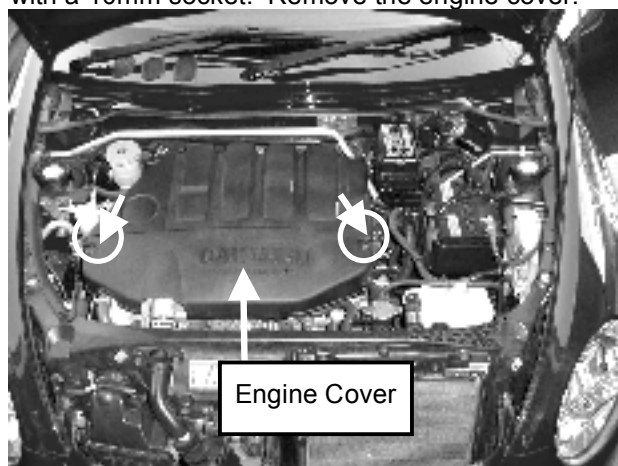
Blow Off Valve Name	Part No.
Blow-off Valve - Kompact Supersonic	FG-BOV-KTSS20

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

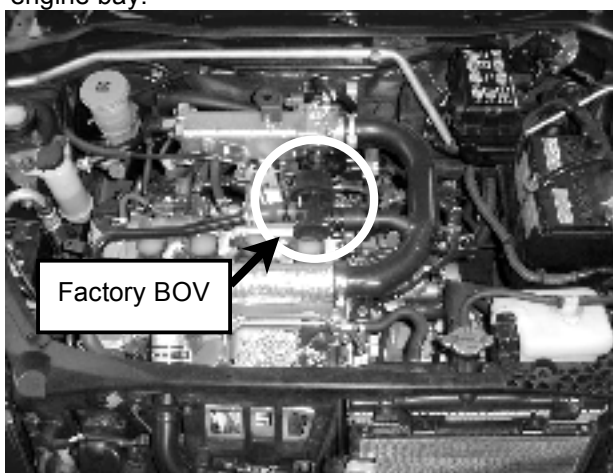
FITTING YOUR BOV COPEN ADAPTOR

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

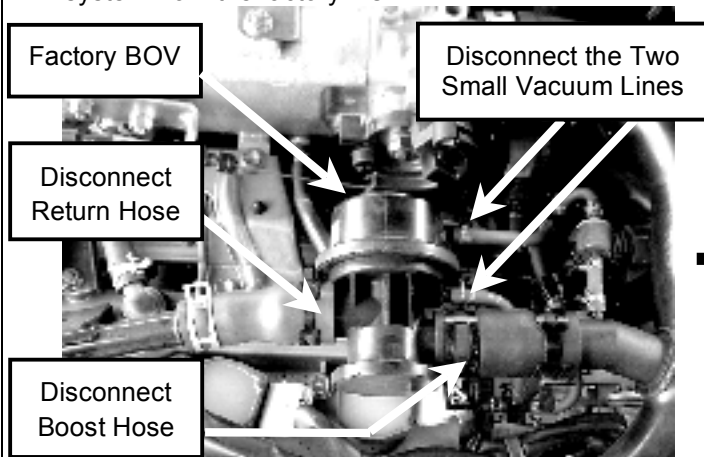
Step 1. Undo the two bolts securing the engine cover with a 10mm socket. Remove the engine cover.



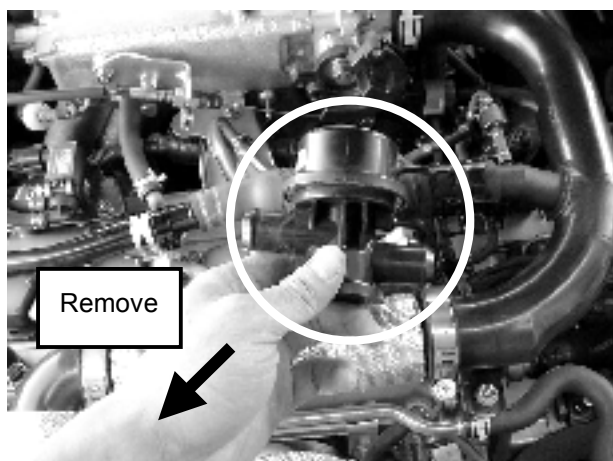
Step 2. Locate the factory BOV in the centre of the engine bay.



Step 3. Using a pair of long nose pliers, disconnect the boost hose, return hose and the two small hoses of the factory vacuum/boost system from the factory BOV.

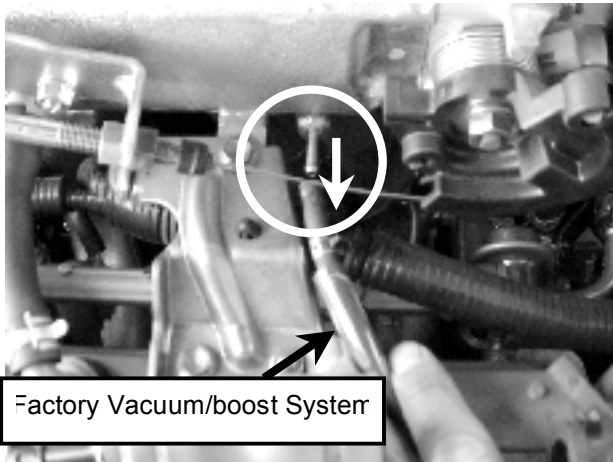


Step 4. Remove the factory BOV.

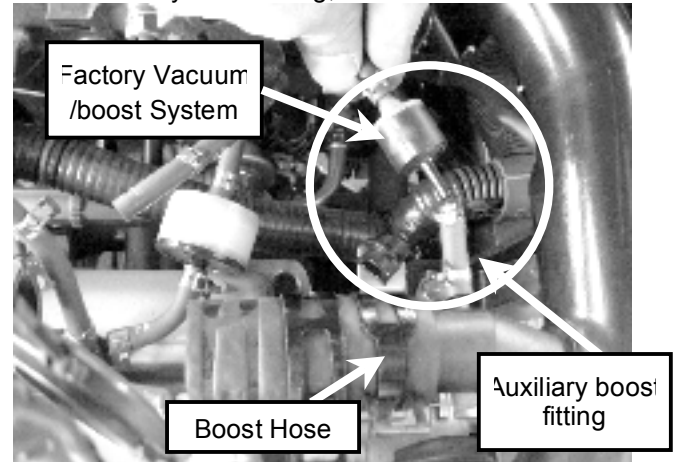


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Step 5. Disconnect the factory vacuum/boost system from the throttle body fitting.



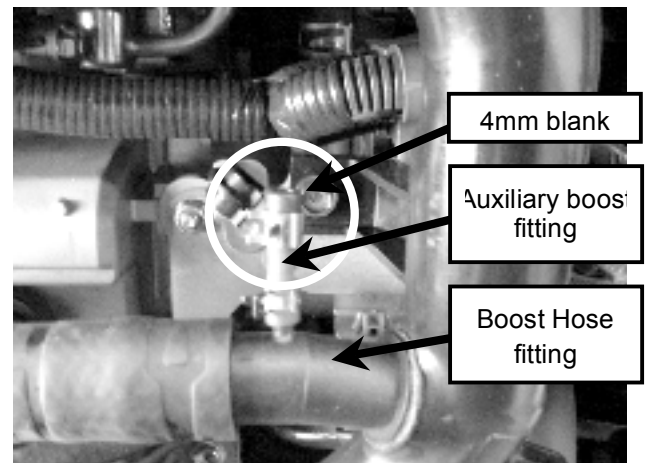
Step 6. The factory vacuum/boost system is connected to an auxiliary boost fitting near the boost hose. Disconnect the factory vacuum boost system connected to the auxiliary boost fitting, as shown below.



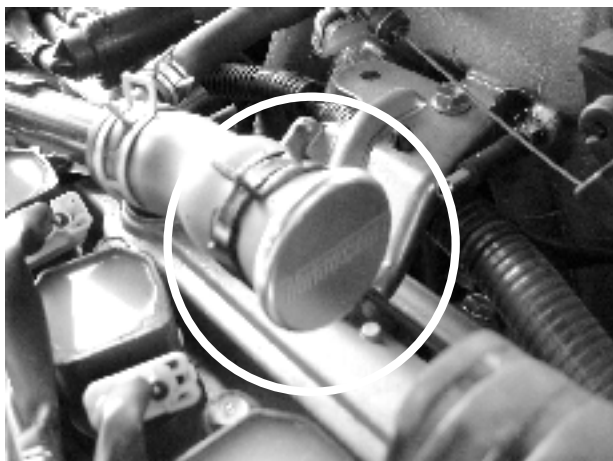
Step 7. Remove the factory vacuum/boost system.



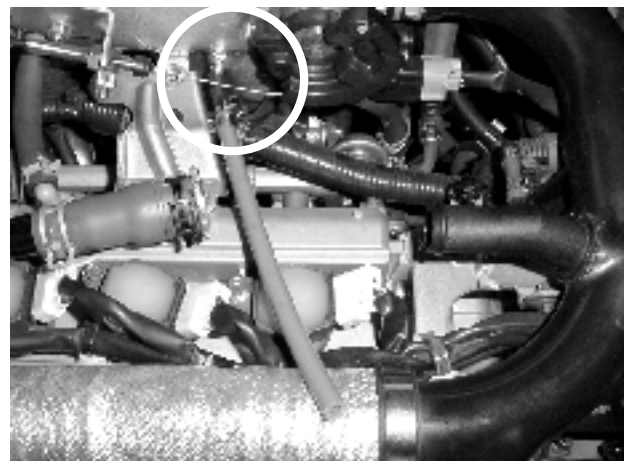
Step 8. Blank off the Auxiliary boost fitting with the 4mm hose blank supplied. Secure the blank with the factory spring clamp.



Step 9. Blank off the return hose with the 19mm blanking plug supplied. Secure the blanking plug with the factory spring clamp.

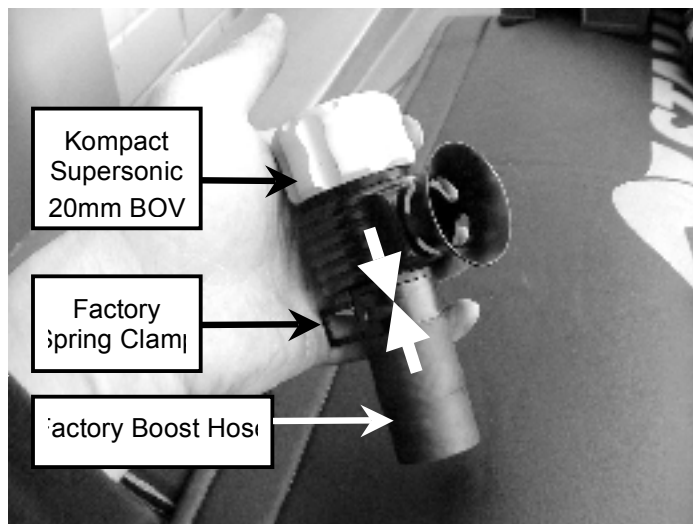


Step 10. Connect 3mm end of the pre-assembled Silicon vacuum hose to the throttle body fitting. Secure it with the 3mm hose clamp supplied.



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Step 11. Connect the Kompact Supersonic 20mm BOV to the factory boost hose. Then secure the fitting with the factory spring clamp.



Step 12. Connect the factory boost hose over the boost hose fitting and secure with the factory spring clamp. Connect the 5mm end of the pre-assembled Silicon vacuum hose to the Kompact BOV fitting.



Step 13. Replace the Engine cover in its original position. Using a 10mm socket, secure the original engine cover with the two factory bolts.

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.

- Ensure that the boost hose fitting is connected to the Silicon hose coupler and secured with the 32mm hose clamp supplied.
- Ensure that the Kompact Supersonic 20mm BOV is connected to the Silicon hose coupler and secured with the 32mm hose clamp supplied.
- Ensure the vacuum hose assembly is properly connected to the throttle body fitting and secured with the 6mm hose spring clamps supplied.
- Ensure the vacuum hose assembly is properly connected to the Kompact BOV fitting and secured with the 5mm hose spring clamps supplied.
- Check the 19mm Blank is fitted on the return hose and secured with the factory hose spring clamp.
- 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
7G-ADM-COPEN

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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.

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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.