

STARLET GT BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

IMPORTANT NOTES ON FITTING YOUR STARLET GT 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 Starlet GT adaptor Kit.

Qty	Description	Use
1	Starlet GT Adaptor	Designed to fit the Starlet GT return pipe
1	Starlet GT screw-on blank	To blank off the Starlet GT adaptor return fitting when installing a Kompact SS BOV. Loctite already applied to the thread
1	Starlet GT plumb back fitting	To be installed on the Starlet GT adaptor when installing a Kompact PB. Loctite already applied to the thread
4	40mm Hose clamp	To secure the Silicon bends to the Kompact BOV, factory boost pipe and Starlet adaptor plumb back fitting.
1	Pre-assembled Silicon hose assembly	Connects the vacuum source to the Turbosmart Kompact BOV
1	6mm hose spring clamp	Secures the pre-assembled Silicon hose on the vacuum/boost source

Note: This Starlet GT Adaptor readily accepts the following Turbosmart BOVs:

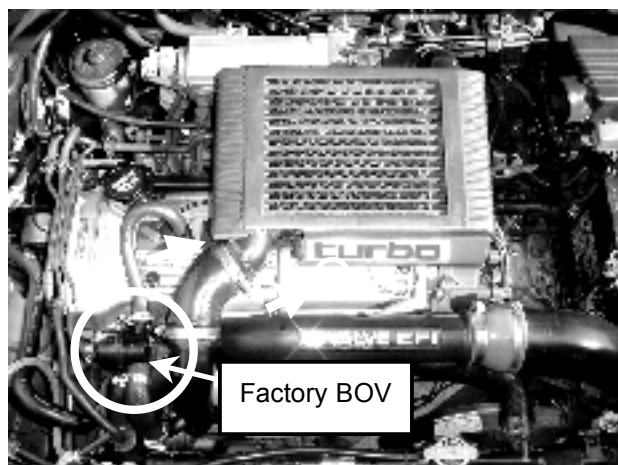
Blow Off Valve Name	Part No.
Blow-off Valve – Supersonic 25mm	FG-BOV-KTSS25
Blow-off Valve – Plumb Back 25mm	FG-BOV-KTPB25

To install a Kompact Dual Port, fabrication will be required in order to clear the underside of the bonnet.

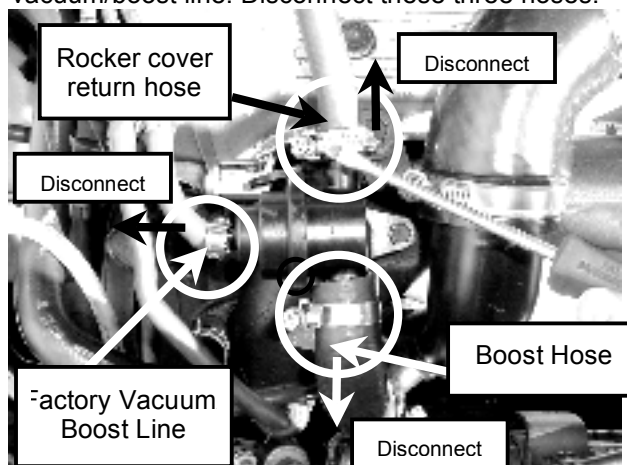
FITTING YOUR BOV STARLET GT ADAPTOR

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

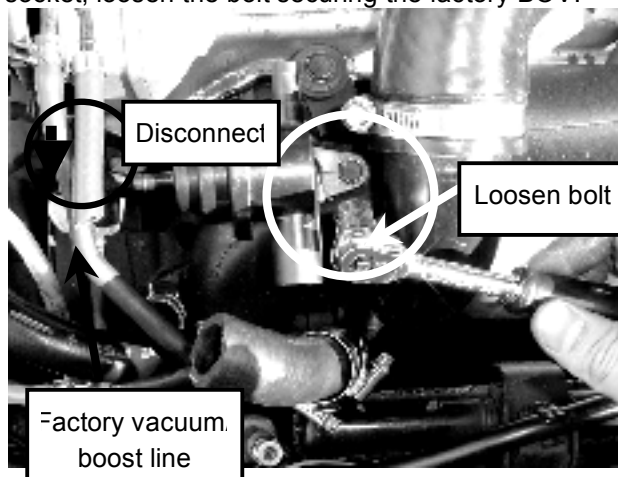
Step 1. Locate the factory BOV.



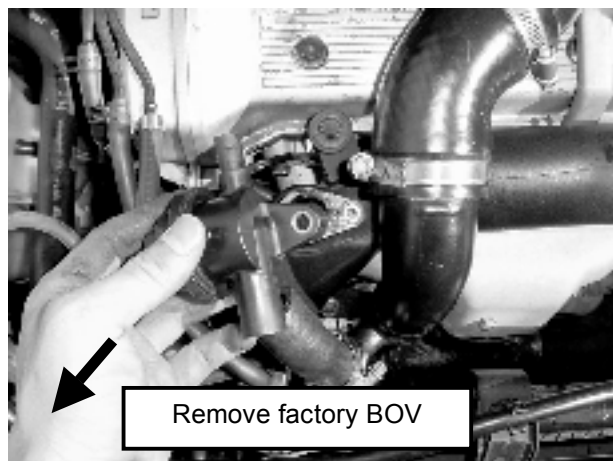
Step 2. Loosen hose clamps securing the factory boost hose, the rocker cover return hose and the factory vacuum/boost line. Disconnect these three hoses.



Step 3. Disconnect the factory vacuum/boost line from the vacuum source. Then, using a 10 mm spanner or socket, loosen the bolt securing the factory BOV.

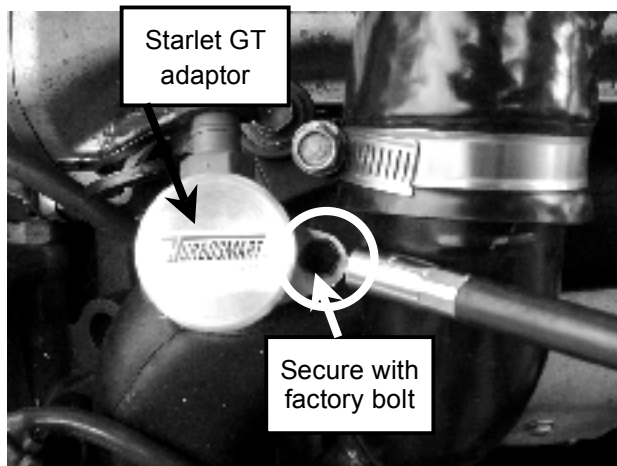


Step 4. Remove the factory BOV.

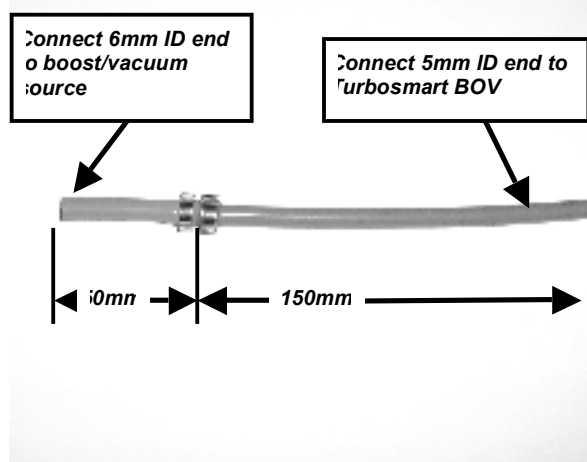


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Step 5. Secure the Starlet GT Adaptor onto the factory return pipe with the factory bolt and a 10mm socket. **Be sure to remove the o-ring from the factory BOV and fit to the Starlet adaptor.**



Step 6. Connect the pre-assembled silicon hose assembly as shown in the diagram below:



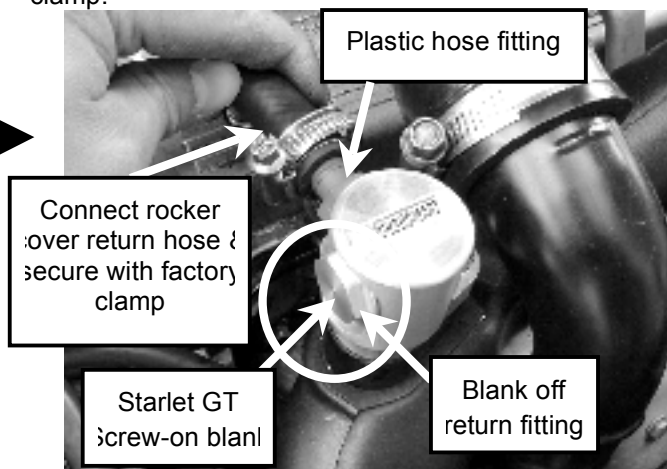
Step 7. Connect the 6mm ID end of the pre-assembled Silicon vacuum hose to the boost/vacuum source. Secure it with the 6mm spring clamp supplied.

Go to Step 13 if you installing a Kompact Plumb Back

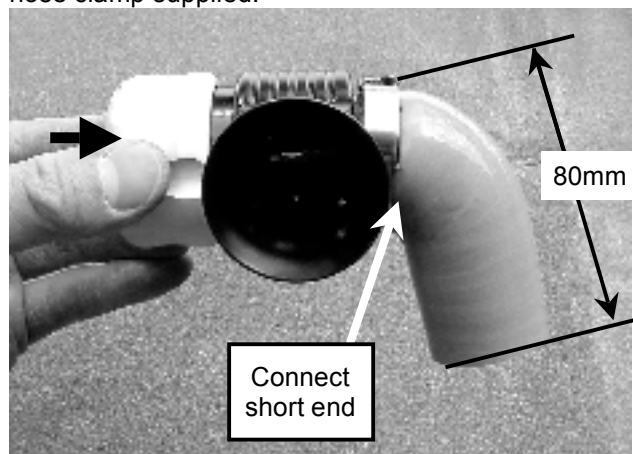


Instructions for Kompact SS installation

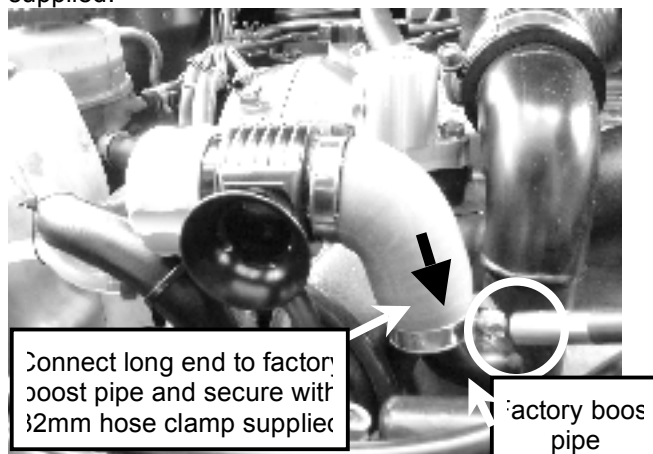
Step 8. Blank off the return fitting with the screw-on blank supplied. Fasten the screw-on blank with an 18mm ring spanner. Connect the rocker cover return hose to the plastic hose fitting and secure with the factory hose clamp.



Step 9. Connect the short end of the 80mm Silicon bend to the Kompact SS BOV and secure with a 40mm hose clamp supplied.

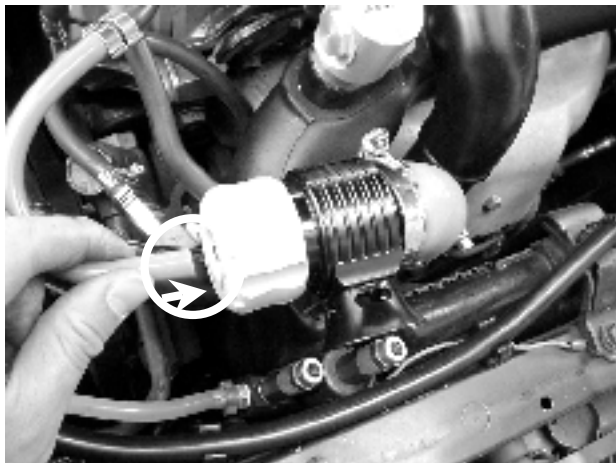


Step 10. Connect the long end of the Silicon bend to factory boost pipe and secure with a 40mm hose clamp supplied.

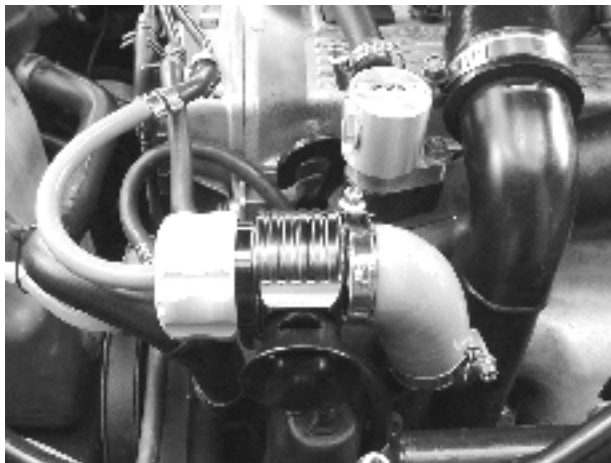


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Step 11. Connect the 5mm ID end of the preassembled Silicon hose to the Kompact SS BOV.

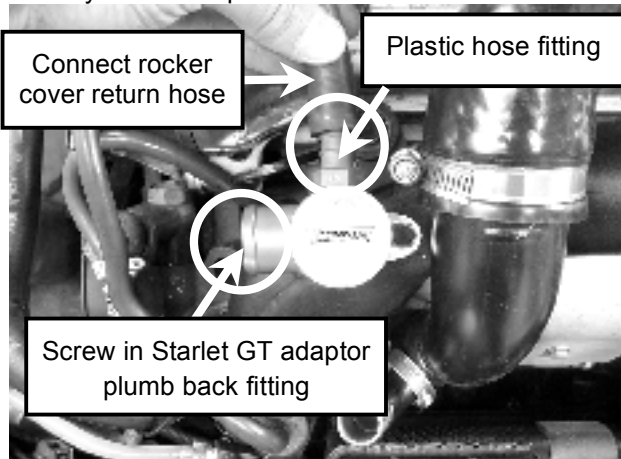


Step 12. Your Kompact SS installation is complete and should look the same as the picture below.

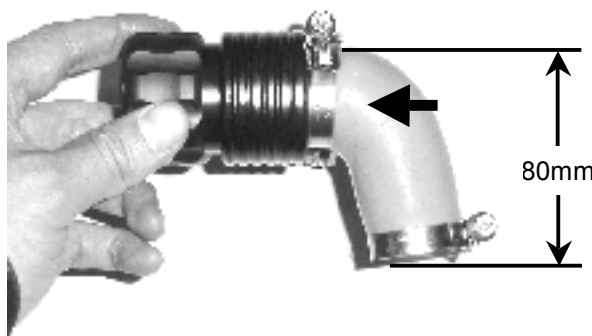


Instructions for Kompact PB installation

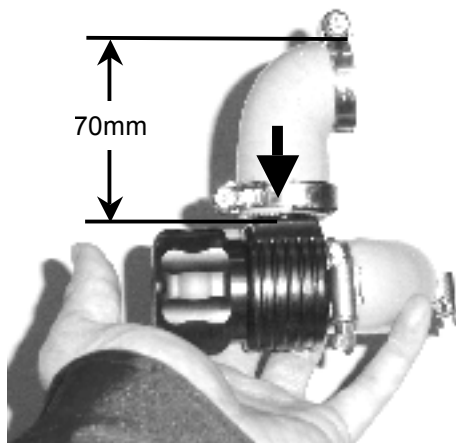
Step 13. Install the screw-on plumb back fitting onto the Starlet adaptor. Connect the rocker cover return hose to the plastic hose fitting and secure with the factory hose clamp.



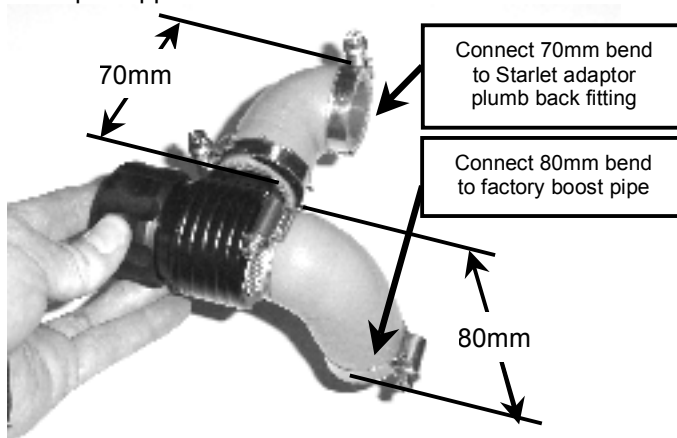
Step 14. Connect the short end of the 80mm Silicon bend to the Kompact boost fitting and secure with a 40mm hose clamp supplied.



Step 15. Connect the long end of the 70mm Silicon bend to the Kompact plumb back fitting and secure with a 40mm hose clamp supplied.

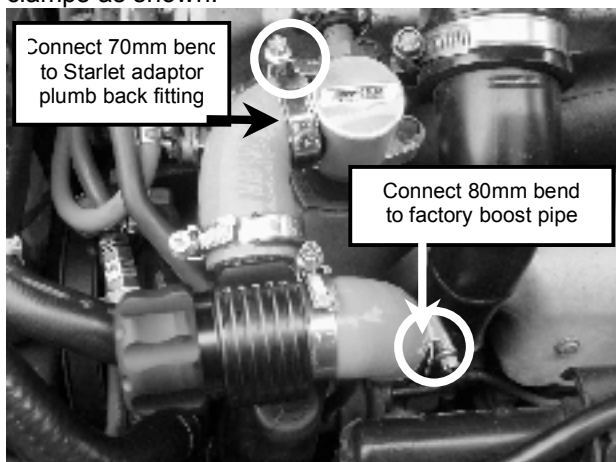


Step 16. Connect the assembly as shown in the picture below. Secure all fittings using the 40mm hose clamps supplied



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Step 17. Insert the 70mm bend over the adaptor plumb back fitting. Then insert 80mm bend over the factory boost pipe. Secure both bends with 40mm clamps as shown.



Step 18. Connect the 5mm ID end of the pre-assembled Silicon hose to the Kompact PB BOV.



Step 19. Your Kompact SS installation is complete and should look the same as the picture 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.

- Ensure that the boost hose fitting is connected to the 80mm Silicon bend and secured with the 32mm hose clamp supplied.
- Ensure that the Kompact BOV is connected to the 80mm Silicon bend and secured with the 40mm hose clamp supplied.
- Ensure the vacuum hose assembly is properly connected to the vacuum source and secured with the 6mm hose spring clamp supplied.
- Ensure the vacuum hose assembly is properly connected to the Kompact BOV fitting.
- Check the Starlet adaptor is secured onto the factory return pipe and secured with the factory bolt.
- Ensure that the screw-on blank is installed onto the Starlet adaptor if you are fitting a Kompact SS BOV.
- Ensure that the plumb back fitting and 70mm Silicon bend is installed and secured if you are fitting a Kompact PB BOV.
- 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
FG-ADM-

STARLET GT BLOW-OFF VALVE ADAPTOR INSTRUCTIONS

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.

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.