



23 Reserve Road Melton Vic 3337
Phone 03 9746 6656 - Fax 03 9746 6646
Email: sales@ramjet.com.au
Website: www.ramjet.com.au

Congratulations on the purchase of your Ramjet Cold Air Intake

Tools Required

- Flat Head Screwdriver
- Hacksaw
- Stanley Knife or Blade
- 8mm socket
- 10mm socket

Installation Instructions for Holden & HSV VT to VZ V8

Please note: As there were many slight changes between the VT to VZ range the installation may vary a little from model to model

Removing the standard air box



1. Remove the plastic radiator cover



2. Using an 8mm socket loosen the clamp holding the stock maf pipe to the throttle body



3. Unplug the air flow sensor (MAF) plug from the airflow sensor and undo the clamp holding maf pipe to stock air box



4. Remove the maf pipe and rubber joiner from the air box



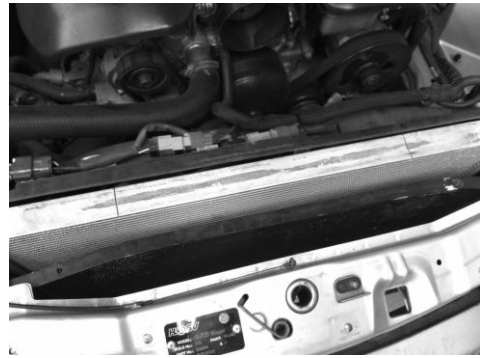
5. Loosen the coolant reservoir by pulling it toward the engine then pulling up, leave it resting against the engine for now



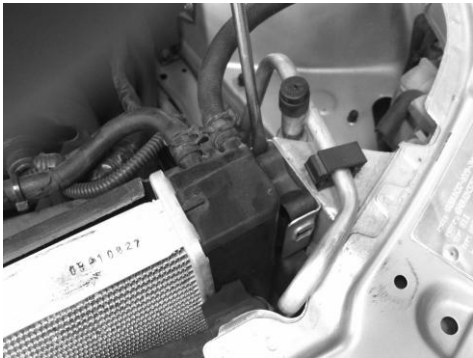
6. Remove the stock air box by pulling it upwards, it is held on by rubber grommets



7. Once stock air box is removed push the coolant reservoir back into position.



8. On some models you may need to remove all plastic covering from top of radiator for clearance, this can be done using a Stanley knife.



9. Using a screwdriver unclip the 2 side radiator clips



10. Pull the radiator upwards until the 2 side donut rubbers can be removed



11. Once the 2 donut rubbers are removed we suggest cutting a 12-15mm piece out of them for easy removal next time



12. With the donut rubbers removed you will now be able to tilt the radiator back



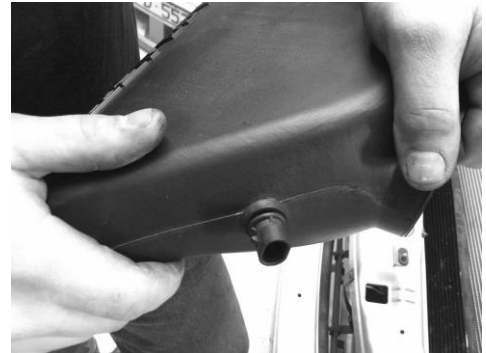
13. The air conditioner condenser may need to be bent slightly on earlier VT-VX model to allow enough room for the Ramjet to be inserted between it and the front panel



14. This can be done by pressing it back with your thumbs until there is enough room for the Ramjet to slide into place



15. Some models may also need to adjust the air con canister, undo the screw and push the canister down as far as it goes then re tighten the screw



16. For VT to VY models Remove the IAT sensor and grommet from the stock air box or maf pipe and install it into the Ramjet



17. Install the Ramjet between air con condenser and front panel, on some models it may fit straight in and on some you may need to remove the filter to install



18. Once Ramjet is in place the filter can now be reinstalled if it was removed, you can then pull the radiator back into position and drop the donut rubbers back into place



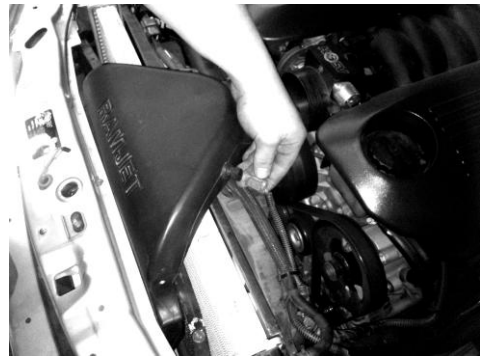
19. This image shows installation rubber for a Maf-less set up, if you have a later VZ model where the IAT sensor is built into the Maf, you will need to purchase a separate IAT sensor and wiring adaptor.



20. This image shows installation rubbers for a Maf set up, 1 rubber is supplied and 1 is off the stock air box, see end of instructions for images of each model maf set up



21. If you are using the Maf set up we may have included a wiring extension in the box if your model car requires it, this extension wire plugs into the air con condenser tube allowing all wiring to move across to new maf position



22. Reconnect all wiring including IAT sensor and Maf wiring if you are still using your maf

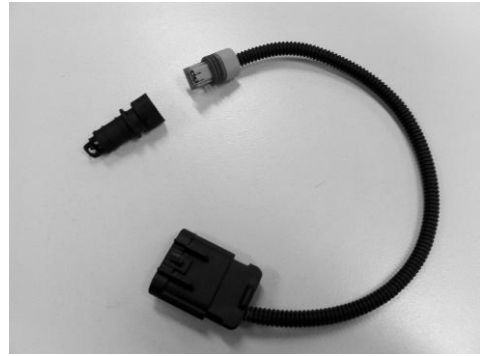


23. Once all clamps are tightened we suggest checking the bonnet clearance, some earlier model may need slight bonnet adjustment

After driving car for a few days please check and re tighten all clamps



If you have ordered a Maf set up and later wish to change to a Maf-less set up you can purchase the above Maf-less rubber and clamp kit from us at any time



For VZ onwards cars going from Maf to Maf-less you will need to purchase a separate IAT sensor and wiring adaptor, these can be purchase from us at anytime.

The images below show how to set up the Maf for each model



VT to VY 5.7lt Maf Set Up



VZ 5.7lt & VZ HSV 6.0lt Only



VZ Holden 6.0lt Only – Not HSV

Maf Rubbers

The rubber from Ramjet to Maf is the one off your stock air box, the rubber from the Maf to Throttle body is the one we provide.

If you have any trouble or any questions during your Ramjet installation, please feel free to call us during the installation on 03 9746 6656