



Part Number: HSI-CD002



Part List:

Air intake pipe	1 Piece
Coupler	2 Pieces
Clamp	5 Pieces
Air filter	1 Piece
Filter adapter	1 Piece
Silicone hose	1 Piece
Hose clamp	2 Pieces
Rubber spacer	1 Piece
Washer	2 Pieces
Nut	2 Pieces

Zip tie	1 Piece
Heat shield	1 Piece
Rubber trim	3 Pieces

Note: Disconnecting the negative battery terminal before starting this installation. The installation of this air intake does require mechanical skills.

- 1- Pull engine cover (Vortec logo) off from engine.



- 2- Pull out the breather hose out of the resonating chamber in the stock intake system.



- 3- Loosen the hose clamp located at the throttle body.

- 4- Pull the plastic radiator hose tree mount out of the stock intake tube holder.



- 5- Disconnect the mass air flow sensor harness, and loosen the hose clamp securing the MAF housing to the stock intake tube.



- 6- Pull the stock intake tube out of the vehicle.
- 7- Pull the stock air filter housing straight up out of the vehicle.



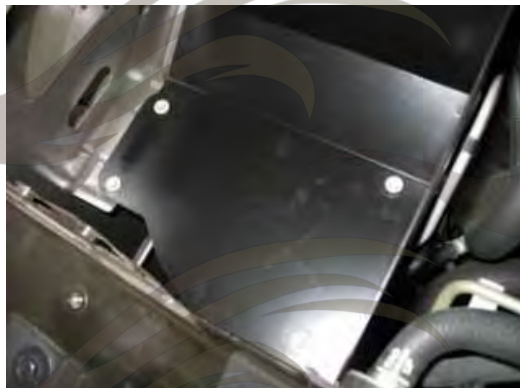
- 8- Remove the four bolts securing the stock air box mounting plate.



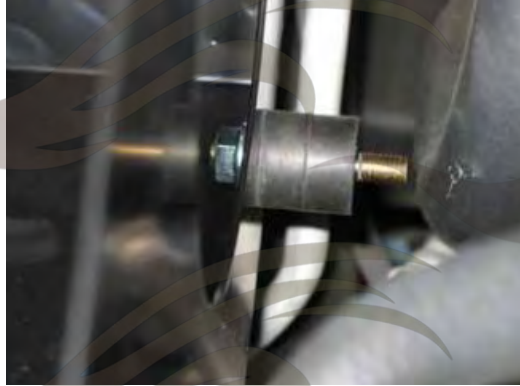
- 9- Remove the breather hose from the valve cover.



- 10- Install the heat shield using the 3 stock bolts used to secure the air filter box mounting plate.



- 11- Install rubber spacer on the heat shield using the supplied washer and nut.



- 12- Install the reducer coupler on the throttle body, and loosely put the supplied hose clamps on the two ends of the coupler.
- 13- Install the straight coupler on the MAF housing. Do not put the hose clamps on before attempting to do this.



- 14- Insert intake pipe into reducing coupler located at the throttle body. Route the intake pipe under the upper radiator hose as the picture shown on the first page. Secure the bracket to the rubber spacer with supplied washer and nut on the heat shield.

- 15- Attach the assembly made in step 13 to the end of the intake pipe. Then reconnect the MAF sensor harness.



- 16- Use the stock plastic radiator clamp to secure the radiator hose away from the intake pipe. By inserting it into the bracket located on the pipe.



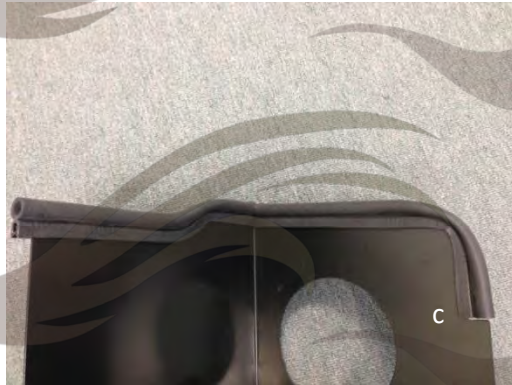
- 17- Use the supplied zip tie to secure the MAF sensor wire to heat shield.



- 18- Create an assembly of the supplied air horn and the air filter.



- 19- Install rubber edge trim on the heat shield where the intake pipe will pass through.



- 20- Install filter assembly into the stock MAF rubber coupler. Also put the rubber edge gasket along the top edge of the heat shield.



- 21- Secure the supplied breather hose with the supplied hose clamp.



- 22- Reinstall the engine cover.
- 23- Ensure that the air filter is not touching any part of the vehicle. Position the inlet pipe for best fitment. Be sure that the pipe or any other component is not in contact with any part of the vehicle. Tighten the clamps at the throttle body and reducer coupling. Tighten the bolt on the intake resonator mounting bracket. Check for proper hood clearance. Re-adjust pipes if necessary.
- 24- Installation completed.

For the idea of the Universal Bracket Installation (Not for all intakes), please visit <http://www.youtube.com/watch?v=IMIXVYGW2Zk>.

If you have any questions about the product, please contact us at sales@rtunesracing.com