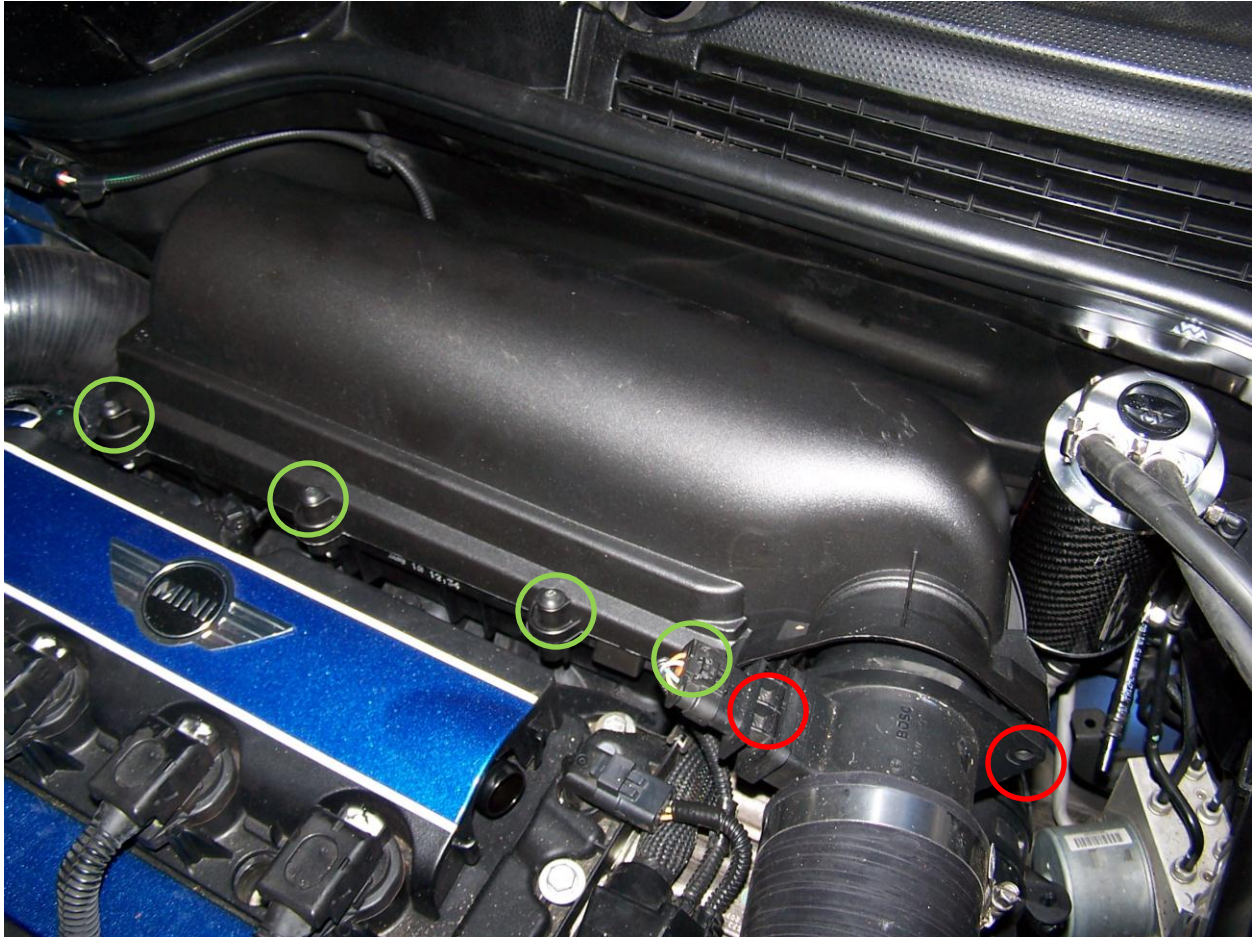


Madness Ram Air Intake System for Turbo Charged MINI's

Step 1. Remove **the 2 torx screws** holding the mass airflow sensor to the airbox top section. Pull mass airflow sensor from airbox.

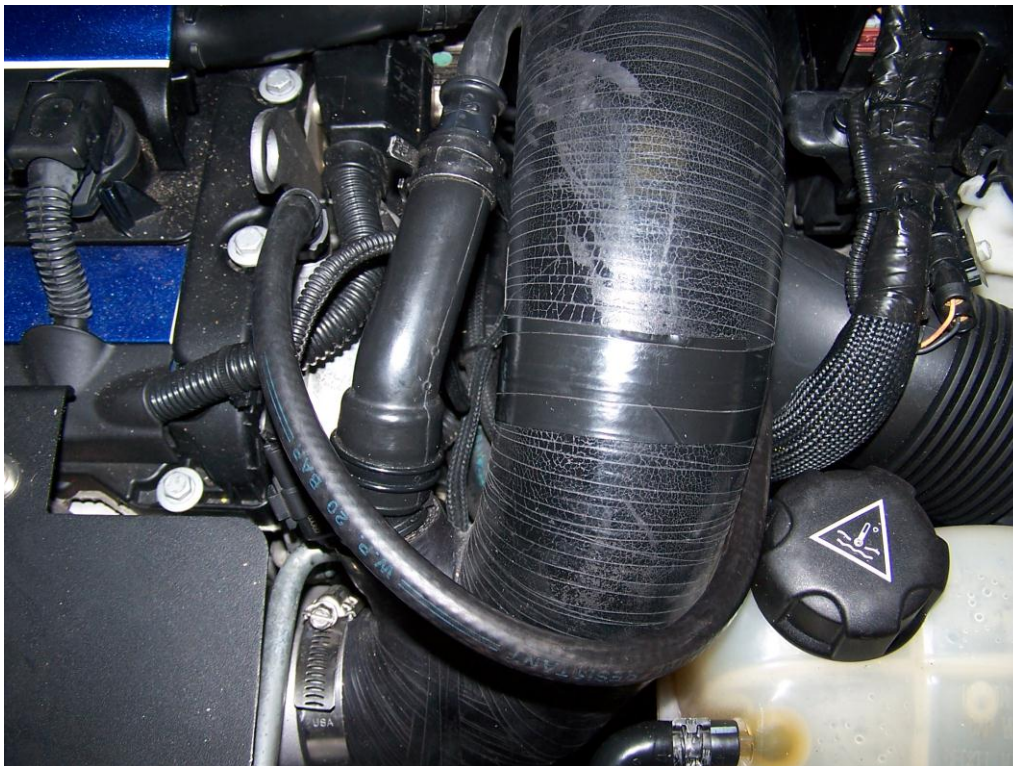
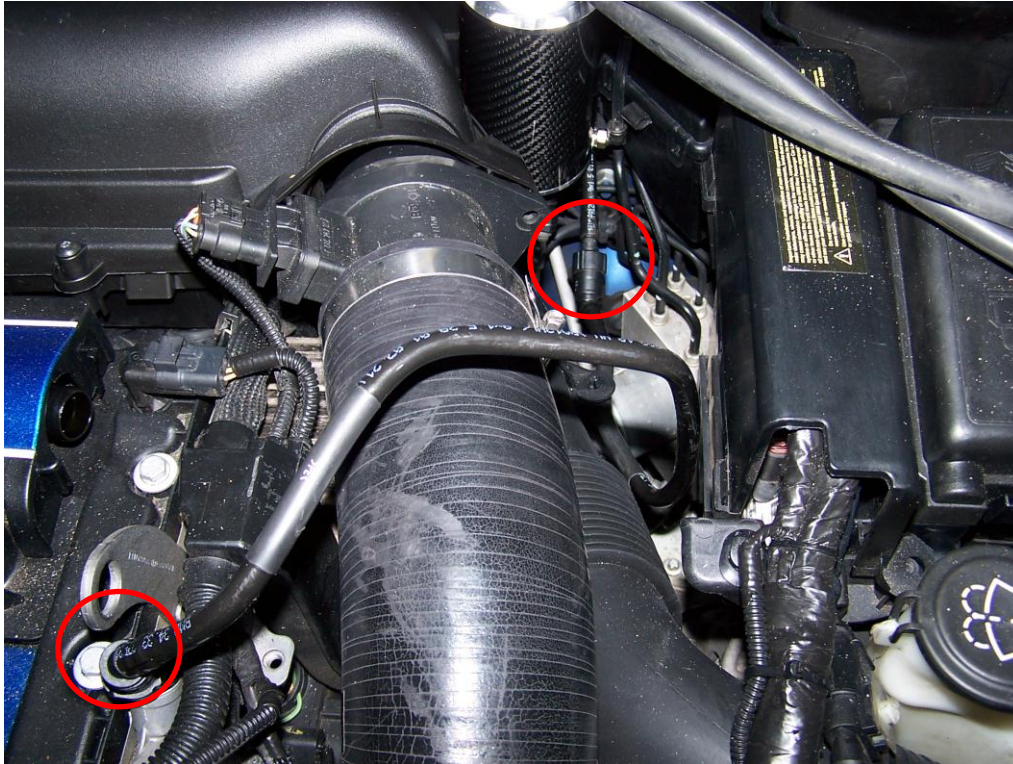
Step 2. Remove the factory airbox top cover. Remove the **4 torx screws** holding the top half of the airbox to the lower portion.



Remove the airbox top cover and factory air filter and set aside, your airbox should now look like the picture below



Step 3. Remove the **vacuum line** as shown below. To remove the connectors press both sides and pull. Be extra gentle with the upper connector by the valve cover. Replace the hard plastic line with the supplied rubber line. This will ensure adequate clearance when the hood is closed

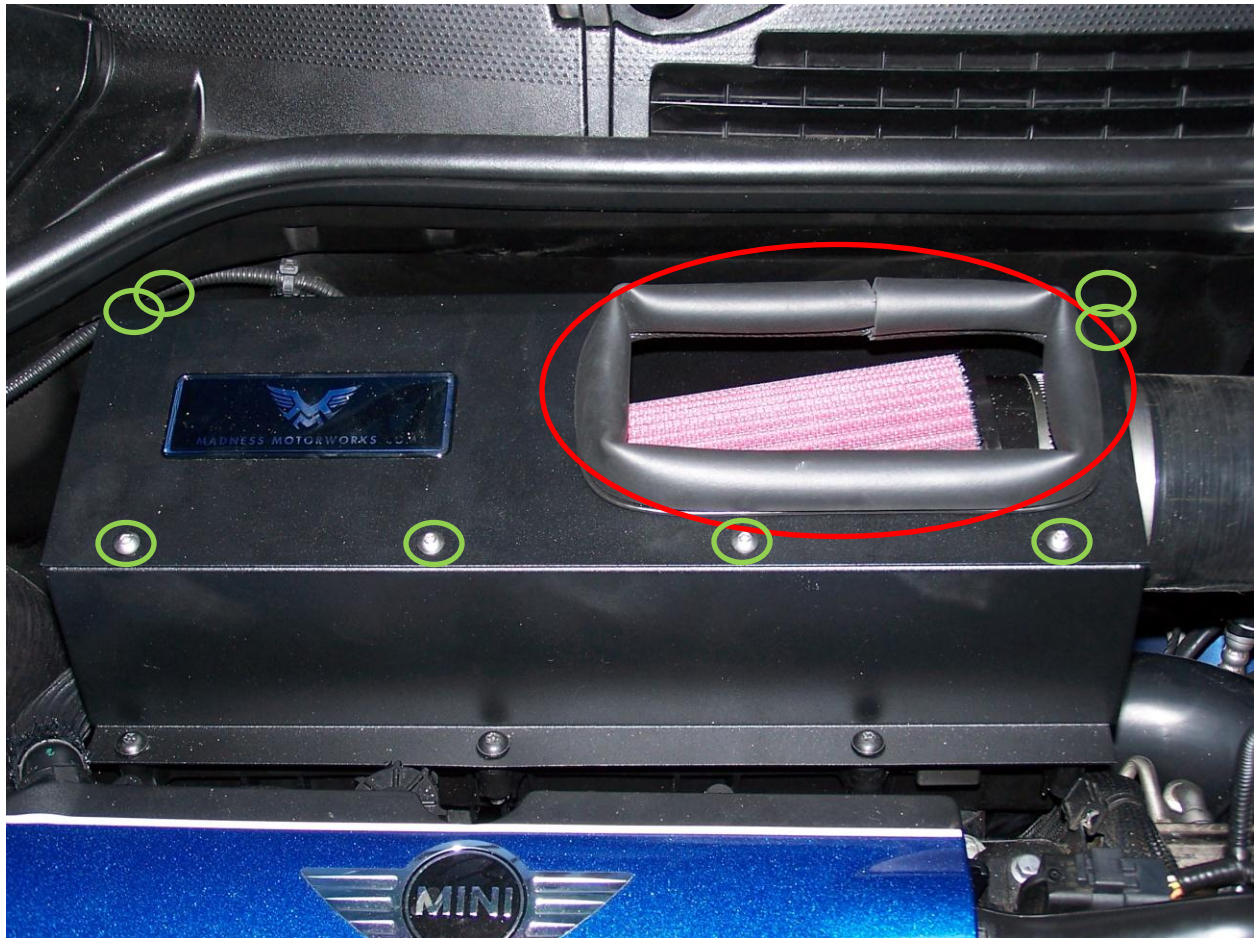


Step 4. Assemble new intake airbox using the **provided hex head** screws. Note: Loosely attach all screws before tightening. The 2 piece airbox is meant to have a very tight fit to ensure no leaks.

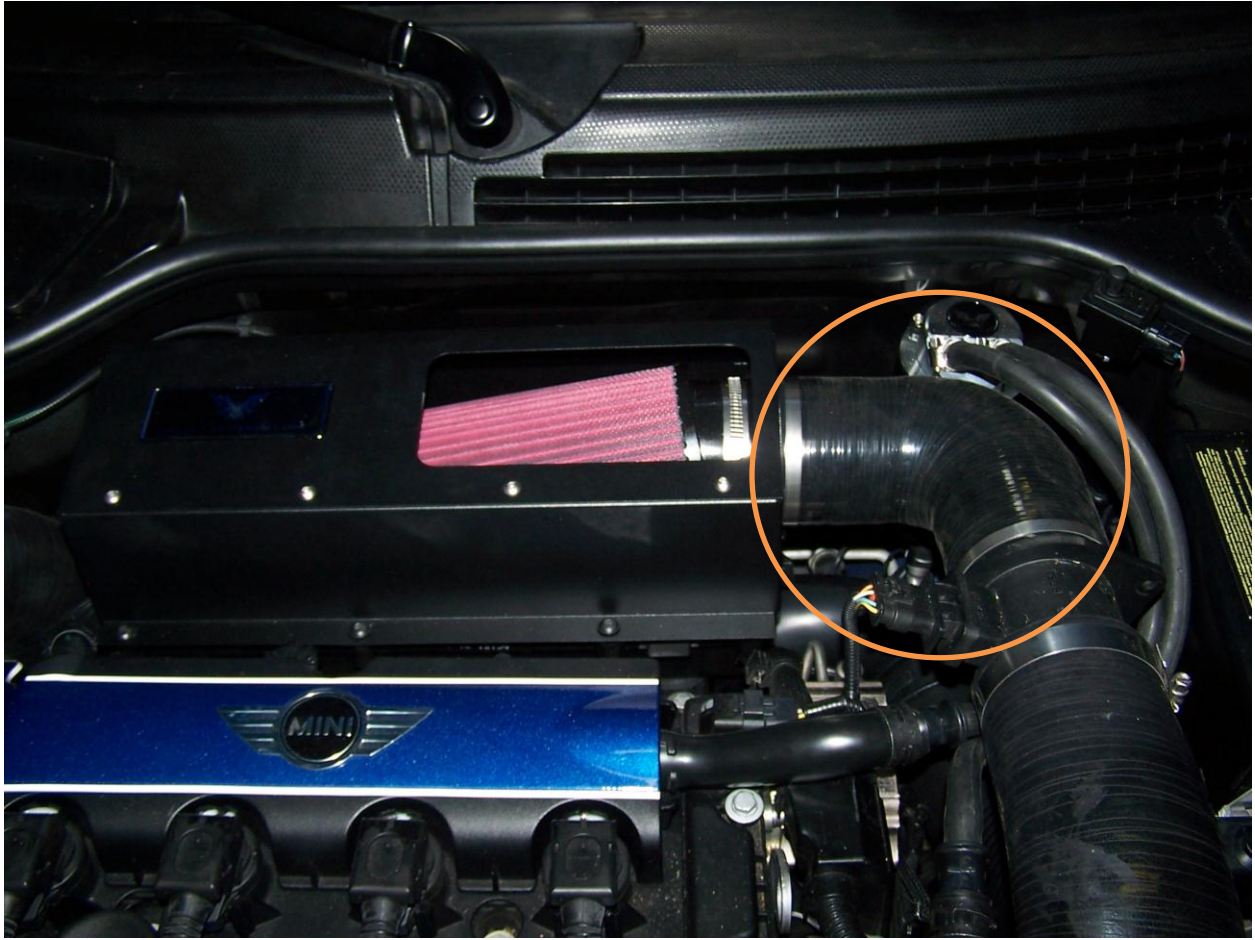
Step 5. Install filter at a downward angle inside airbox. **Install rubber trim** around inner rectangular hole on airbox top. This also ensures no air leaks.

Step 6. Install airbox into position. Mount the box slipping the back tabs into the airbox slots in the rear then attach with the original airbox torx screws.

Note, Filter is pre oiled



Step 7. Install 90 degree hose to airbox and airflow meter. Tighten supplied clamps.

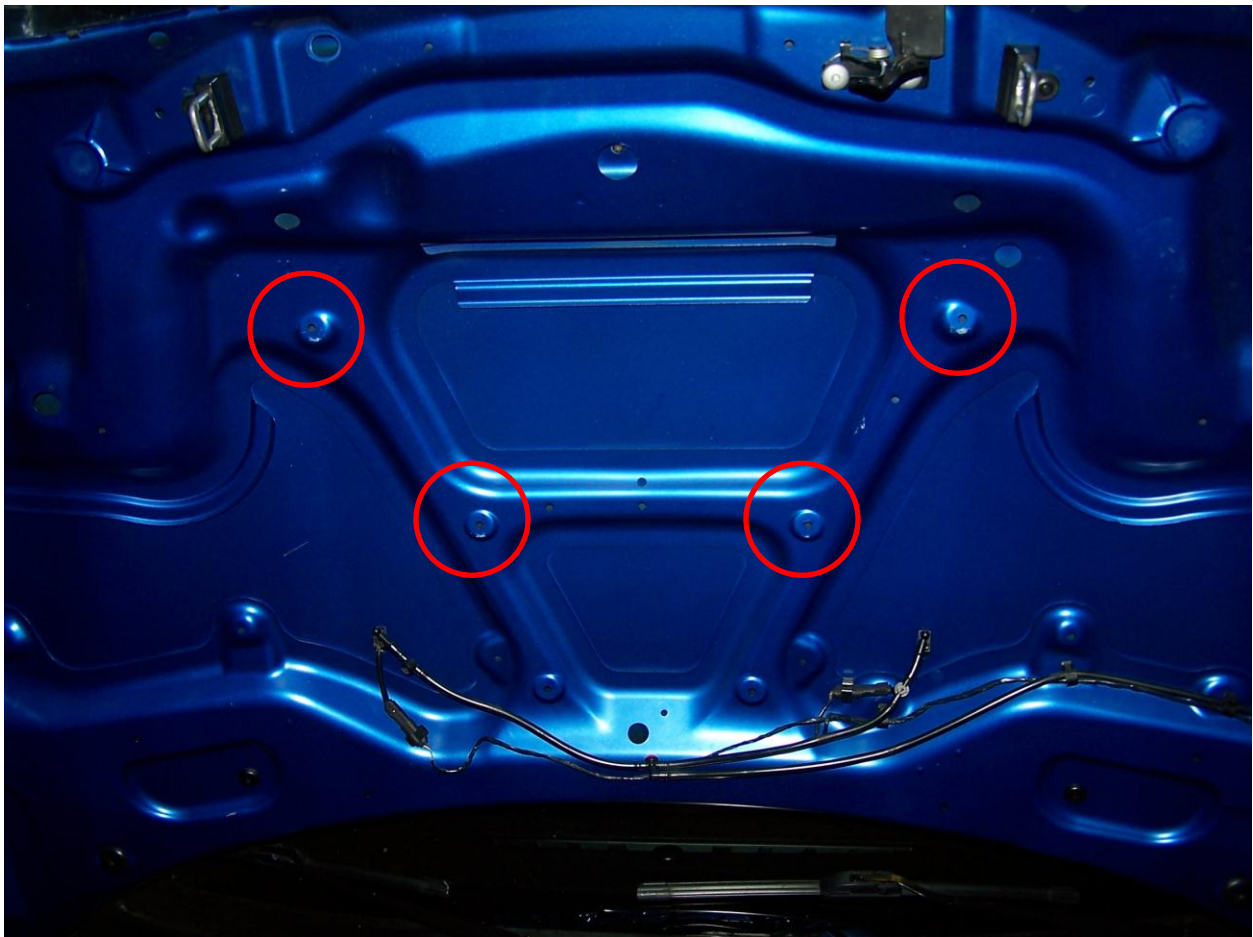


Airbox portion should now be complete, time to move to the ram air scoop.

Ram Air Scoop Installation

Step 1. Remove small black hood pad located in the center of the hood. Image shown shows pad already removed.

A Phillips head screw driver should easily back out the plastic screws. Be gentle with **these 4 plastic screws** as you will use them to secure the scoop to the hood. We recommend laying a blanket over the engine bay while doing this portion of the install. This way as things fall down you won't lose them in the engine.



Step 2. Remove factory hood scoop. Using a T-25 torx bit remove the torx screw from the bottom of the hood that holds the scoop into place. Next use a pair of needle nose pliers to pinch the grey colored fastener below the torx screw you just removed.



Step 3. Lower hood and lift the hood scoop to remove.

Step 4. Now that the scoop has been removed, use a Phillips head screw driver to remove the 4 screws holding the hood scoop grill in place. When grill is removed, reinstall hood scoop back into place.



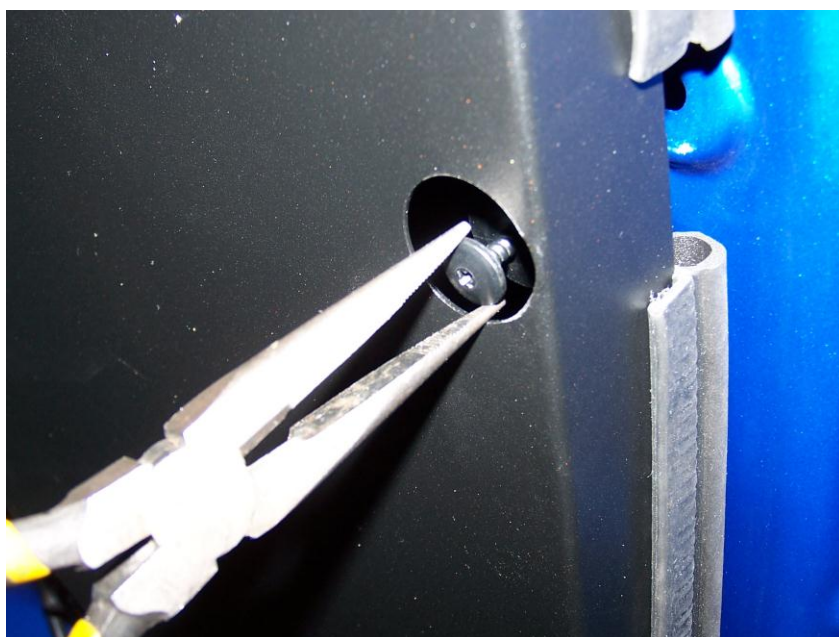
Step 5. Mount the Ram Air Scoop

Install rubber trim as shown below.



Step 6. Mount ram air scoop to underside of hood. This step almost requires 2 people to make things easier so if possible have a friend help hold the ram air scoop while you install the plastic clips. Again 2 people makes this job significantly easier.

Step 7. Install the top outboard clips first. Make sure the plastic screw is backed out most of the way, insert and push the screw portion in. Next install the inboard 2 clips using a set of needle nose pliers. This can sometimes be a frustrating step as sometimes the clip might fall out of its hole before you get a chance to push the screw portion in. This is why it's good to have the blanket or cover over the engine to prevent a fallen clip from disappearing into the engine bay. We have included one extra clip in case you lose one



Step 8. Install the 2 plastic hole covers and your installation is complete.