



LMI Track Hawk Install Guide

Tools Required

- 10mm deep socket
- 8mm socket
- 7/16" wrench
- 4mm Allen wrench
- Flat head & Phillips screw driver
- Ratchet or Small impact gun (not a requirement but makes for quicker install)

Factory Air Box Removal

- Unplug IAT sensor by sliding back red tab and pressing in on plug. **LEAVE IAT SENSOR IN THE OEM TUBE FOR NOW**



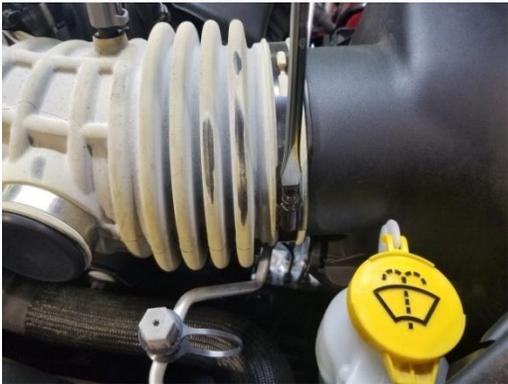
- Unplug breather fitting. Disconnect breather hose by pushing in on both sides to unclip. **Leave the plastic fitting in the OEM tube for now.**



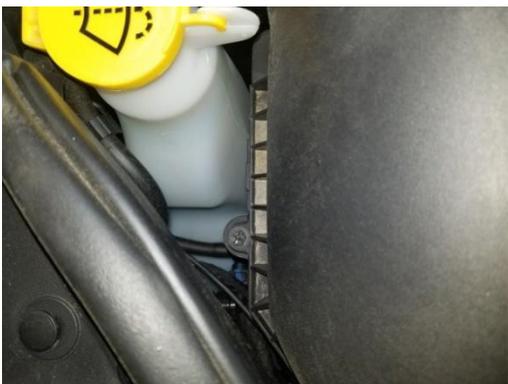
- Loosen clamp holding rubber tube at throttle body (8mm socket or flat head screw driver)



- Loosen clamp holding rubber tube at OEM air box (8mm socket or flat head screw driver).
Now carefully remove the rubber air inlet tube and silencer as one unit.



- Remove top half of OEM air box by removing the 4 screws at each corner like in picture below.



· Once top half of factory air box is removed you will see the stock filter element. Remove and expose the lower half of the OEM air box assembly.



Filter removed



Be sure to disconnect clip holding a small wire harness to edge of the lower portion of the OEM air box



· Once the lower air box is exposed and wire harness unclipped, remove the remaining half of the OEM box by pulling up. You will now see the unobstructed air inlet opening.

Note: The failure to remove the lower portion of the factory air box will cause an obstruction in the air flow for the LMI Track Hawk Intake system. Removal of the lower half of the factory air box is strongly recommended for optimal performance of your new LMI kit.



· Install supplied "L" bracket to inner fender wall using existing bolt



· Now install supplied "Z" bracket to existing stud from the strut assembly on driver's side shock tower using the 8mm nut and lock washer supplied in kit.



· Now place the rain cover onto the brackets to check to make sure the 2 holes on the rain cover line up with the installed brackets. **Once confirmed, remove cover and leave rain cover off for now.**

· Now carefully remove both the plastic "elbow" for the breather line and the IAT sensor from the OEM rubber air tube. Turn IAT sensor ¼ turn counter clockwise and pull straight out. Pulling at an angle runs the risk of damaging the sensor. Set both pieces aside for later installation into LMI Track Hawk kit.

LMI Track Hawk Intake Assembly

· Install the supplied silicon reducing coupler and the 4" T bolt clamp on the throttle body and tighten with 10mm deep socket. Ensure that the pre-drilled hole in the coupler is facing upwards. This is where the vent line fitting will insert. Try to orientate the coupler as level as possible. You can now install the plastic vent line fitting you removed from the OEM rubber air tube into the hole in the silicon coupler. **DO NOT CONNECT THE VENT LINE TO THE FITTING JUST YET.** You will want to do that at the end once everything is installed and aligned to your liking.

· Unbox air filter and remove the plastic cover. **FILTER IS PRE-OILED AND READY TO INSTALL.**

· Unwrap the water repellent pre-filter supplied with the LMI Track Hawk kit. With the filter sitting on the workbench with the small end up, pull the pre-filter down over the filter carefully. It's a tight fit, but the elastic of the pre-filter will fit snugly around the filter.

· With a towel laid down on the workbench, place filter on its end with the opening facing upwards. Next, insert the large end of the carbon fiber tube into the filter. Use a small flat head screwdriver to assist with opening the rubber flange of the filter to get the tube in. It is a tight fit by design. Be sure the carbon fiber tube is inserted into the filter at least 1.5". Leave clamp on filter slightly loose for the time being for possible repositioning/alignment needs once installed into vehicle.



· Insert the IAT sensor carefully into the rubber grommet in the carbon fiber tube. The use of a small amount of lubrication will help with correct insertion of the sensor without pushing the grommet out and ensuring a proper seal of the sensor in the grommet.

· Now, take the entire LMI Track Hawk Intake assembly and install into the previously mounted silicon coupler on the throttle body.

· Align so that the filter is directly above the lower air inlet opening in the fender well. The LMI Track Hawk Intake uses a large filter for increased flow. You want the filter pointing down, so it is directly above the air inlet opening below it.



· NOTE: There may be a need to reposition the AC line that passes under the carbon fiber tube in order to achieve more spacing between the AC line and the tube. This can be done by simply pushing down on the AC line gently to create space.



· Once everything is aligned, tighten the clamp on the filter using an 8mm socket or flat head screw driver. Using a 10mm deep socket, tighten the T-bolt clamp onto the carbon tube. **THINK SNUG WHEN TIGHTENING THE CLAMP ON THE CF TUBE!!!!!!**
OVERTIGHTENING CAN CAUSE DEFORMATION OF THE CARBON FIBER TUBE.

· Now, **REMOVE** the entire assembly by disconnecting at the throttle body. You are now ready to do final install of rain cover.

· To install rain cover, reposition over the previously installed brackets so that holes in cover line up with brackets. Insert supplied 1/4-20 button head allen bolts in the holes. Using the supplied 1/4-20 button head allen bolts and nuts, reach under the cover with the lock washer and nut and thread onto the 1/4-20 bolts you have inserted into the holes in rain cover and through brackets. Tighten nuts with using a 7/16" wrench.

· Once rain cover is secured in place, re-install the LMI Track Hawk intake assembly as one unit and reattach to throttle body. Tighten the clamp on throttle body and check for final fitment and alignment.

· Connect the plug to the IAT sensor and slide red tab to lock. Reconnect the vent line to the previously installed fitting in the silicon coupler by simply sliding into place until it "clicks"

· Lastly, check clearance of the rain shield around the LMI Track Hawk tube and filter to make sure nothing is touching. If clearance issues exist, loosen T- bolt clamp on carbon tube at throttle body and adjust as needed for proper clearance. You make also need to slide filter further up the carbon fiber tube just slightly if needed.



Now start up car and go for a ride and listen to the glorious sound of your Track Hawks supercharger!!!!