



I have compiled a quick "how-to" for the install of the new LMI 392 True CAI

First - Remove OEM air box. Single 10mm bolt on radiator support, single nut on support bracket on timing cover, loosen clamp around throttle body, then carefully unplug IAT sensor. Lift entire OEM unit out in one piece.

Note: Remove the IAT sensor AFTER oem box is out by carefully turning the sensor counter-clockwise, then pull straight out.

Now.....onto the install of the 392 True CAI!

Take inventory:

- 3 - 4" T-bolt clamps
- 1 - 3.5" T-bolt clamp
- 1 - S&B Filter
- 1 - 4" 90* silicon elbow
- 1 - 3.5" - 4" silicon reducer
- 1 - 4" worm clamp
- 1 - 9" IAT extension harness
- 1 - Oil breather filter
- 1 - LMI Decal
- 1 - 4" CF tube with 28* bend (upper tube)
- 1 - 4" CF tube with 45* bend (lower tube)
- 2 - black zip ties
- 1 - black plastic edging material

(note - in this picture it shows the optional Outerwears pre-filter installed on the air filter. this is an OPTION, not standard in the price)



Remove lower fascia belly pan to access fender well area.



Mark air inlet hole



Cut notch in air inlet. (This can be done in many ways. Whatever is at your disposal that will make a clean/symmetrical cut)



Be sure to notch the lower plastic baffle that is attached just under the area to be notched. It is held in place with standard fenderwell push pins.



Install supplied edging material (this step will be the most frustrating step and requires a little heat to soften the material and activate the adhesive inside the material. a little patience goes a long way!)



Install filter onto lower tube and carefully install tube from underside of fenderwell. Pay close attention to locate the rubber grommet in the tube so it does not hit one of the air inlet hole edges. Also, an extra hand is useful to hold edging material in place so the tube does not pull it up when sliding through. The 8.5" height noted in the picture is a good starting point.

NOTE: 2015 and later Charger vehicles have a duct in the fender well that MUST be removed in order to make room for the filter. Brake function will not be affected.



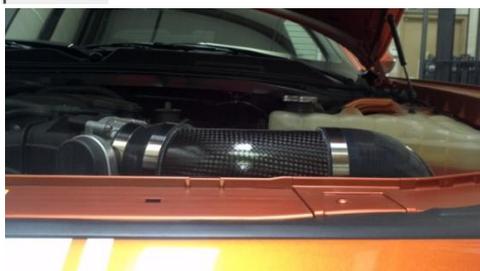
Install 4" worm clamp as seen in picture. This is to secure the lower tube from migrating down. This may be adjusted at the final point of install to get the intake level.



Install 3.5"-4" reducing coupler onto throttle body and assemble the upper tube to the 90* silicon elbow. (all clamps are in place loosely!!!)



Install as one piece and check alignment of tube. You want top tube to be square and parallel.



Position all clamps so bolts are to the underside of the tubes. This looks cleaner and acts a point to secure the IAT extension harness in the next steps.



Carefully install IAT sensor into grommet hole in lower tube. (the use of a little lubricant will aid in the insertion of the sensor)



Secure IAT extension harness with supplied zip ties to the clamps.



Lastly, install the supplied oil breather filter. Install by trimming off a 1.5" peice of the OEM breather tube and using it as a "coupler" to attach the breather filter in a similar manner as shown below. You will have to remove the small worm clamp on the breather filters when connecting in this manner.



Finally, step back and make sure everything is secure and tight. Then step further back and admire your handiwork! This install is not for those that lack tools and the ability to use them. The install will take approx. 4 hours from start to finish, so make sure you have plenty of time and patience. A great weekend project!