

Installation Instructions - JLT Cold Air Intake 2015-2020 Hellcat Charger/Challenger #CAI-HC-15

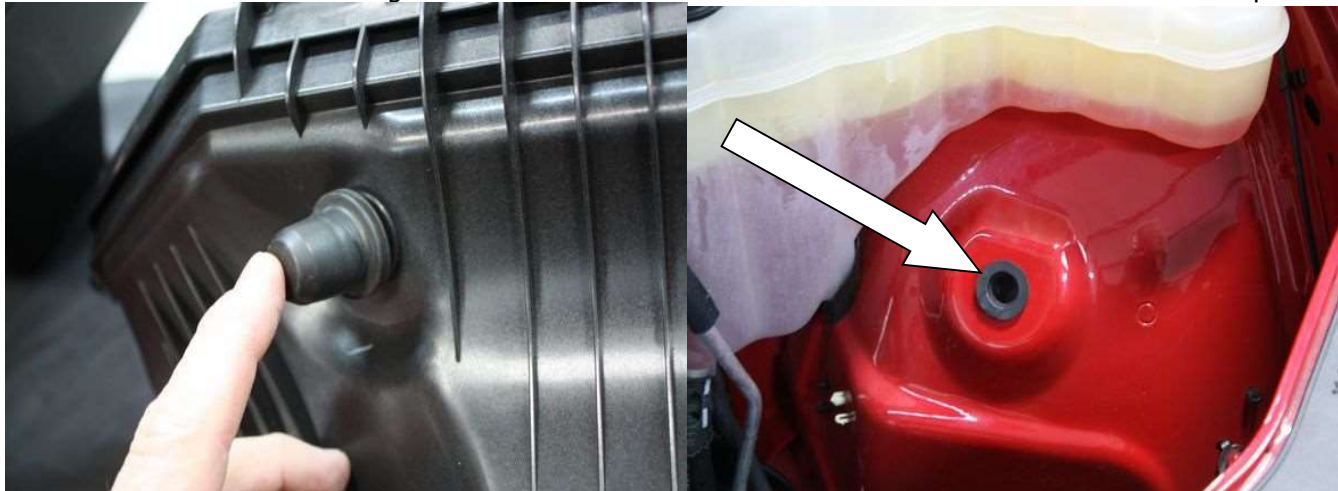
Thank you for purchasing our product. We hope you are satisfied with the look and performance. If you have any questions, please feel free to call us first before going to the internet. Take your time and it will be a smooth install.

Please review complete instructions prior to installing.

We find it easiest to install the kit as a complete assembly; however, it can be done one piece at a time. Here is a walk through:

1	Verify you have all of the following parts included in the kit: (1) JLT Plastic Intake tube (1) 4.5"-4" Silicone Reducer, (1) 5"x7" Air Filter, (1) JLT Heat Shield, (1) 64 Clamp, (1) 72 Clamp, (1) Rubber grommet, (1) Charger Rain Shield, (1) Challenger Rain Shield, (1) IAT Adapter for use on 2017-19 models, (1) MAF Adapter for use on 2015-16 models, (1) Adapter gasket, (6) M4x10 machine screws, (1) Foam Ram Air Gasket (1) Alcohol pad, (1) 2019 & 2020 PCV connection kit
2	Gather all of the following tools needed for the installation: 5/16 Nut Driver, Phillips screwdriver, T20 Torx bit and 10mm wrench
3	Remove the stock intake from the throttle body to the airbox. 5/16 or 8mm - Remove the bolt holding the box in the car and the 3 bolts holding the top to the box. Loosen the clamp at the throttle body, unplug IAT/MAF sensor and PCV connections. 
4	CHARGER: Unclip(squeeze) the 4 retaining clips in the air box holding the Fresh Air inlet to the box and remove the lower air box. CHALLENGER: Remove the radiator cover panel (cover simply pulls up) above the headlight. Remove the lower air box and disconnect the Fresh Air inlet from the box. 

- 5 Remove the rubber location grommet from the stock air box and install into the hole in the apron.



- 6 Lower JLT Air Box into position.
TIP: Remove the 10mm bolts holding the coolant tank and move back for more room. Push JLT shield into the location grommet, use the factory bolt and secure to the car.

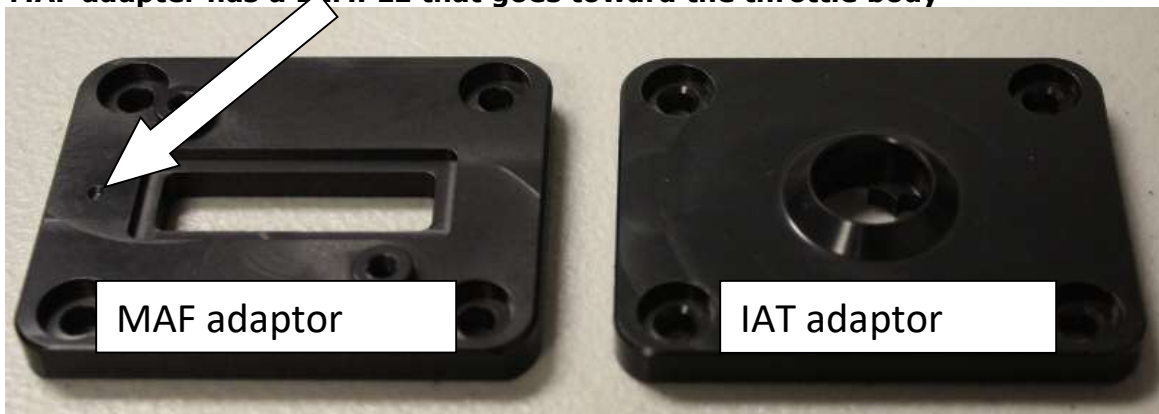


- 7 **CHALLENGER:** route the factory inlet tube through the heat shield, onto the headlight. Use the supplied FOAM GASKET to seal the Fresh Air Inlet tube to the heat shield.
**** Clean surface with supplied alcohol pad first!!****



- 8** Remove from factory intake: MAF or IAT sensor (Twist to unlock), PCV connection
Assemble JLT tube: Install reducer, filter, PCV connection and correct adapter on the tube

- 9** 2015-16 will use the MAF slot adapter **WITH SUPPLIED MAF SCREWS!!!**
2017-20 will use the IAT adapter
Use the supplied screws and gasket and mount the needed adapter to the JLT tube.
NOTE: MAF adapter has a DIMPLE that goes toward the throttle body



- 10** Slide the tube onto the throttle body and rotate down into the heat shield.

- 11** Route MAF or IAT plug through the hole in the heat shield and plug in. Use the supplied grommet in the hole to protect the wires.



12	RAIN SHIELDS(2015-2020 Charger, 2015-2018 Challenger): Remove the protective film from the shield. Remove both 10mm bolts holding the hood vent in and sandwich the shield BETWEEN the hood and grille and reinstall the bolts.
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13	CHALLENGER HOOD ADJUSTMENT: Because the box seals to the hood you will need to adjust the PASSENGER side hood bumper UP a turn or 2 to bring the driver side of the hood DOWN. Do a little at a time until it is even with the fenders on both sides. Adjust passenger side up
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14	2018: Twist factory hard line and fitting into this position to fit into grommet on the JLT tube.
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15	2019-2020 PCV Connection – see next 2 pages
16	CARB E.O. No. D-761-5 Place the supplied CARB EO sticker under the hood in a visible location.

2019 & 2020 Hellcat PCV Connection:

- 1) Remove the PCV solenoid from the driver strut by removing 3 10mm nuts, pull white tab on plug and unplug sensor and squeezing the connection fitting here:



- 2) The PCV hose needs to be removed from the fitting on the solenoid. You can heat the hose with a heat gun or hair dryer to loosen its grip and twist off or use a razor blade and cut it off. Heating it will allow you to return to stock if you ever need to.



- 3) Replace the installed rubber grommet in the intake tube with the supplied grommet labeled **2019+ HELLCAT** in the parts bag.
- 4) USE oil on the hose and solenoid fitting and fully install hose on to fitting
- 5) Install 90° fitting in the grommet in the JLT tube.





Oil Filter: The frequency you should clean your filter will depend on your driving conditions. It is recommended to check your filter at every oil change or 3,000 miles. If there is a build up of dirt as thick as the wire mesh, then it's time to clean your filter.

To properly clean your oil filter, we recommend the S&B Precision Cleaning & Oiling Kit (located in the Parts Sold Separately Section of our website, www.JLTtruecoldair.com).

Thanks for the business. If you have any questions, please e-mail info@JLTtruecoldair.com or call 757-335-1940. Our hours are Monday-Friday. 8:00am – 5:00pm Eastern Time.

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