

**17-21 DODGE**  
**CHARGER/CHALLENGER**  
**HELLCAT 6.2L**

**CORSA**<sup>®</sup>  
**PERFORMANCE**



## **IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS**

*Please Forward All Information to Consumer*

Be sure to review the enclosed instructions prior to beginning the installation process. If you have any questions about the enclosed parts or instructions, or if you encounter a problem during installation:

**CALL TECHNICAL SUPPORT: 440.891.0999 or 800.486.0999**

**TO ACTIVATE YOUR WARRANTY GO TO:  
[CORSAPERFORMANCE.COM/WARRANTY](http://CORSAPERFORMANCE.COM/WARRANTY)**

**COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON: [CORSAPERFORMANCE.COM](http://CORSAPERFORMANCE.COM)**



**NEVER work on a hot engine bay.**  
Allow time for the vehicle to cool.

**INSTALL DIFFICULTY**



### **RECOMMENDED TOOLS & SUPPLIES**

- 1/4" Drive Ratchet
- 7mm Socket
- 8mm Socket
- 10mm Socket
- 7/16" Socket
- Heat Gun
- 4mm Hex Wrench
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**Please take time to read and understand these installation instructions.**

CORSA recommends that the installation of this system be performed by a qualified service center or professional installer who has the necessary equipment, tools, and experienced personnel. However, if you decide to perform this installation yourself, the use of an additional person may be required.

**WARNING:** Never work on a hot engine bay. Allow time for the vehicle to cool.

Check that this air intake complies with your Federal, State, and Local laws. We recommend saving your stock system.

This warranty does not extend to damaged or defect in the finish of a product or to any product, that in the opinion of CORSA Performance, has been misused, damaged by accident or negligence, altered or modified in any way, faulty installation or installed contrary to CORSA installation instructions, or repaired by an unauthorized service facility.

Full warranty available on [www.corsaperformance.com](http://www.corsaperformance.com)

**Please confirm that all parts are present according to the bill of materials before beginning the installation.**

If something is missing call Tech Support at 440.891.099 or Toll Free: 1.800.486.0999



**PREASSEMBLED MATERIALS**

1. Aluminum Heat Shield (612043-240)	1	2. Carbon Fiber Air Duct (441312)	1	3. Oiled Filter (5167NLP)/Dry Filter (5167DNLP)	1
4. Carbon Fiber Rain Guard (652120)	1				

**HARDWARE KIT**

5. Ø4.0" x Ø4.5" Silicone Reducer (53311)	1	6. Ø4.25" T-Bolt Clamp (520425)	1	7. Ø4.75" T-Bolt Clamp (520475)	1
8. Hood Seal Trim (56006)	23.5"	9. Filter Seal (56008)	21"	10. M6x12mm Bolt (59012232)	2
11. Flat Washer (59020104)	5	12. M6 Nut (59061210)	2	13. M6x30mm Bolt (59012213)	1
14. Lock Washer (59020114)	1	15. Spacer (652001)	1	16. Ø1/2" ID Grommet (652126)	1
17. Ø5/8" ID Grommet (652176)	1	18. Ø5/8" 90° Elbow (59034143)	1	19. Ø5/8" Hose (53008) <i>Not Shown</i>	17.25"

*Locate the vehicle's battery and disconnect the negative battery cable.  
 This may reset the computer and clear old air flow data to help prevent CEL errors.*

**REMOVAL INSTRUCTIONS**
**FACTORY INTAKE**

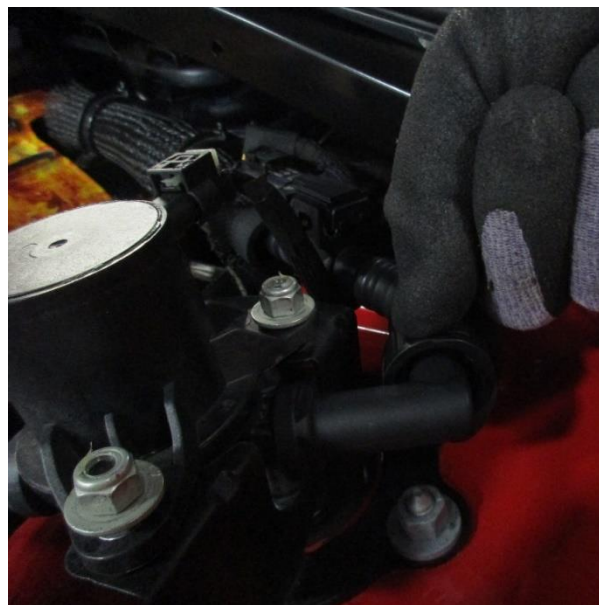

- 1.** Disconnect the electrical connection on the air temperature sensor.



- 2.** Remove the three 10mm nuts securing the crank case vent solenoid on top of the driver side strut tower. The mounting nuts will be reused during installation.



- 3.** Disconnect the electrical connection on the solenoid.



- 4.** Disconnect the crank case vent line from the solenoid.

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**REMOVAL INSTRUCTIONS**
**FACTORY INTAKE**





**5.** Remove the bolts securing the air filter to the factory air box.



**6.** Loosen the clamp securing the air duct to the air box.



**7.** Remove the bolt securing the factory air box. The bolt will be reused during installation.



**8.** Remove the filter from the air box.

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**REMOVAL INSTRUCTIONS**

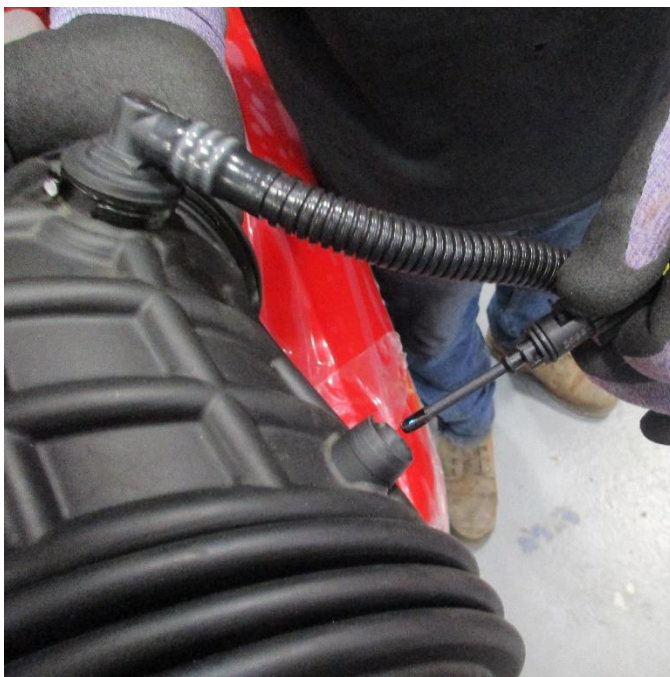
**FACTORY INTAKE**



**9.** Loosen the throttle body clamp.



**10.** Remove the factory air duct assembly along with the vent hose and solenoid from the vehicle.



**11.** Remove the air temperature sensor from the factory air duct.



**12.** Use a heat gun to warm the factory vent hose at the connection to the solenoid. Disconnect the hose from the solenoid.

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**REMOVAL INSTRUCTIONS**

**FACTORY INTAKE**



**13.** Separate the air box from the air inlet duct. On Charger models only the air inlet duct will remain in the vehicle.



**14.** Remove the stock air box from vehicle.



**15.** Remove the inner fender bolt.

This concludes the removal of the factory intake.



**INSTALLATION INSTRUCTIONS**

**CORSA INTAKE**



**1.** Install filter trim onto CORSA heat shield.



**2.** Install hood seal onto top of CORSA heat shield.



**3.** Install CORSA Carbon Fiber rain guard onto heat shield with M6x12mm bolts, flat washers and M6 nuts.



**4.** Install  $\text{Ø}5/8$ " ID grommet into CORSA Carbon Fiber air duct in hole closest to small end. Install  $\text{Ø}1/2$ " ID grommet into CORSA Carbon Fiber air duct in hole closest to large end.

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**INSTALLATION INSTRUCTIONS**

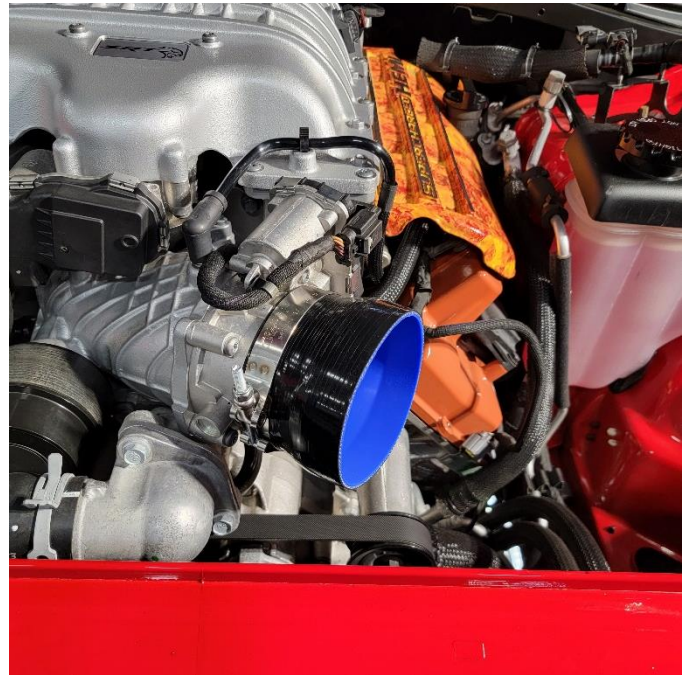
CORSA INTAKE



**5.** Remove clamp from air filter and install air filter through opening of heat shield.



**6.** Place clamp on filter and insert air duct into air filter. Tighten clamp with 8mm socket and ratchet.



**7.** Place small end of reducer onto throttle body with 520425 clamp. Tighten clamp with ratchet and 7/16" socket.

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## INSTALLATION INSTRUCTIONS

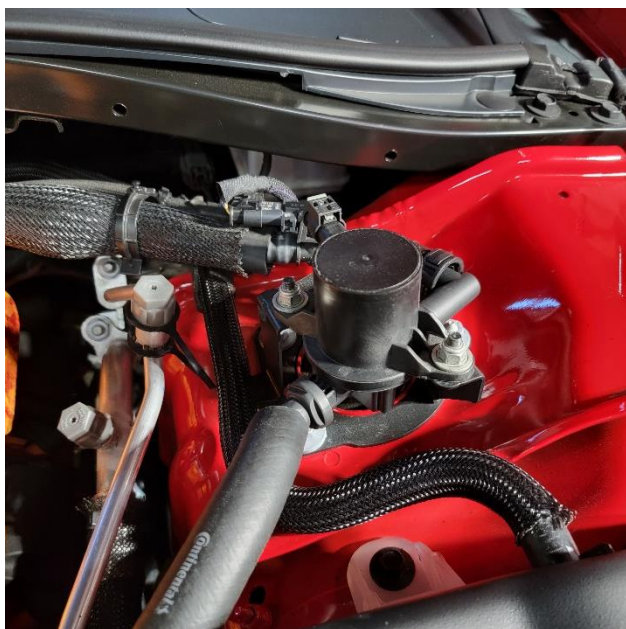
## CORSA INTAKE



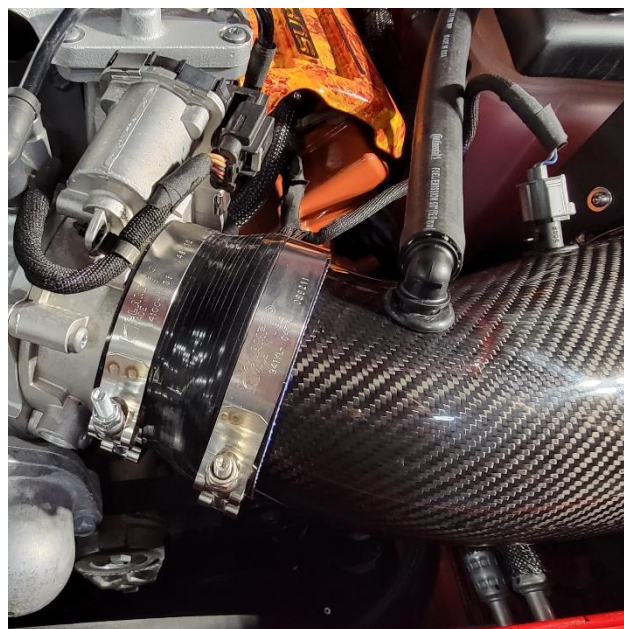
- 8.** Drop air intake assembly into vehicle inserting the air duct into the large end of the reducer. Secure heat shield using bolt removed during removal step 7.



- 9.** Attach heat shield to inner fender using M6x30mm bolt, flat washer, lock washer, and spacer.



- 10.** Re-attach the solenoid valve using the factory hardware. Reconnect the wiring harness and PCV hose. Install Ø5/8" hose onto solenoid valve.



- 11.** Insert 90 degree fitting into Ø5/8" hose and install fitting into rubber grommet. Install air temperature sensor into grommet and re-attach wiring harness. Tighten the clamp to secure air duct in reducer.

This concludes the installation of your CORSA air intake system.



*Check that this air intake complies with your Federal, State and Local laws.  
We recommend saving your stock system.*

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### **BEFORE ROAD TESTING**

- 1.** Start engine, leaving the transmission in park and securing the parking brake.
  - 2.** Make sure to look and listen for any unusual noises or air leaks. Repair problems if needed.
  - 3.** Once completed it will be necessary to check periodically, after a few heat cycles, for realignment and tightening of all connections.
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### **Max Flow 5 CARE AND CLEANING**

Check the Max Flow 5 cotton reusable filter periodically and remove any excessive dirt build-up by tapping the filter on the ground and brushing off the loosened dirt. Clean the filter by using a two stage cleaning kit to thoroughly clean and re-oil the filter. Re-oil every 10,000 miles without cleaning to improve filtering in sand and dirt. Clean only when dirt is very excessive or 50,000 miles.

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**Reference for Replacement Filters:** Max Flow 5 Filter Part # 5167 or DryTech 3D Filter Part # 5167D