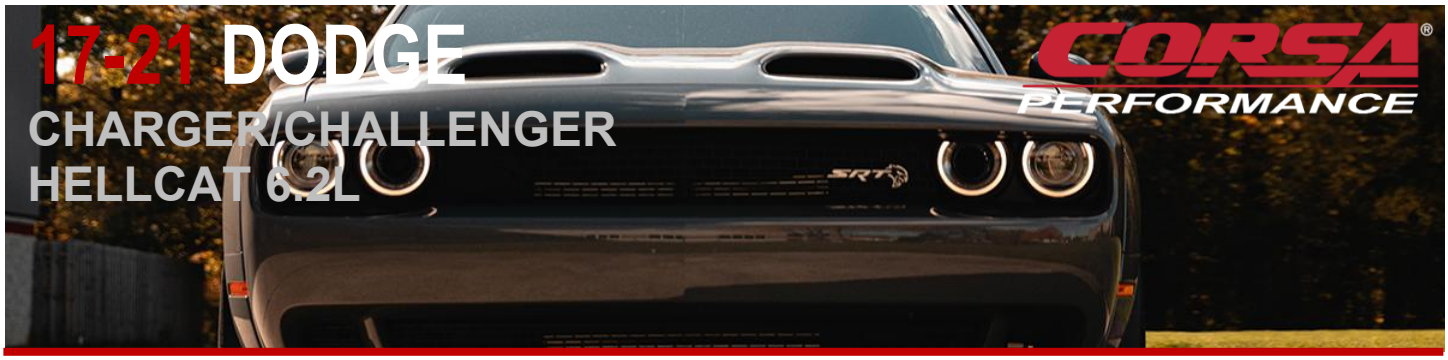




IMPORTANT! WARRANTY AND INSTALLATION INSTRUCTIONS

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

COLOR INSTRUCTIONS ARE AVAILABLE BY PART NUMBER ON: CORSAPERFORMANCE.COM



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

INSTALL DIFFICULTY

RECOMMENDED TOOLS & SUPPLIES

- ¼” Drive Ratchet
- 7mm Socket
- 8mm Socket
- 10mm Socket
- 11mm Socket
- 7/16” Socket
- Heat Gun
- 4mm Hex Wrench

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

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



Bill of Materials

1. CORSA Air Intake Shield (652323)	**1**	2. CORSA Air Intake Duct (441312)	**1**	3. Oiled Filter (5167)/ Dry Filter (5167D)	**1**
4. Ø4.0” x Ø4.5” Silicone Reducer (53311)	**1**	5. Ø4.25” T-Bolt Clamp (520425)	**1**	6. Ø4.75” T-Bolt Clamp (520475)	**1**
7. Ø6.00” T-Bolt Clamp (520600)	**1**	8. Gasket Trim (56010)	**24”**	9. Straight Female Quick Disconnect Fitting (652188)	**1**
10. Threaded 90° Male Quick Connect Elbow Fitting (59034163)	**1**	11. Ø1/2” ID Grommet (652126)	**1**	12. Ø5/8” Hose (53005) *Not Shown*	**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



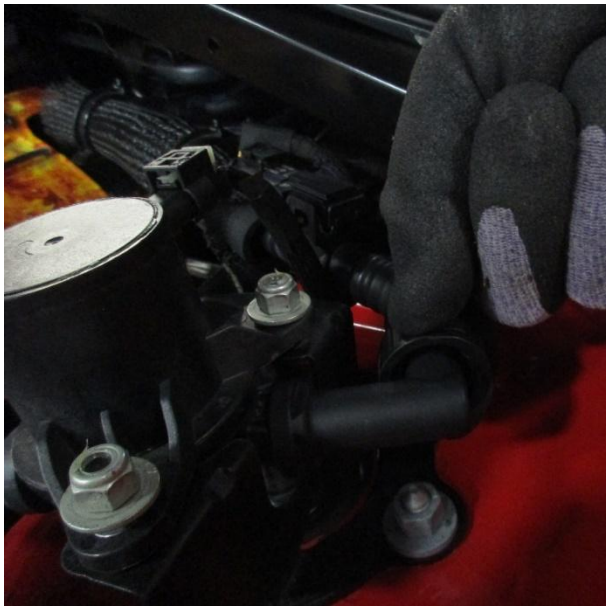
1. Disconnect the electrical connection on the air temperature sensor.



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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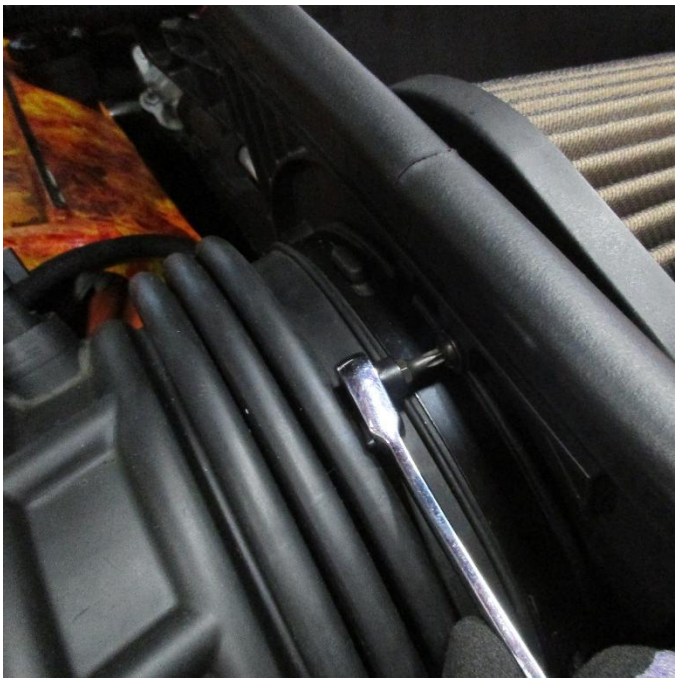
REMOVAL INSTRUCTIONS

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 and grommet securing the factory air box. The both will be reused during installation.



8. Remove the filter from the air box.

Continued on Next Page . . .

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.

Continued on Next Page…

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.

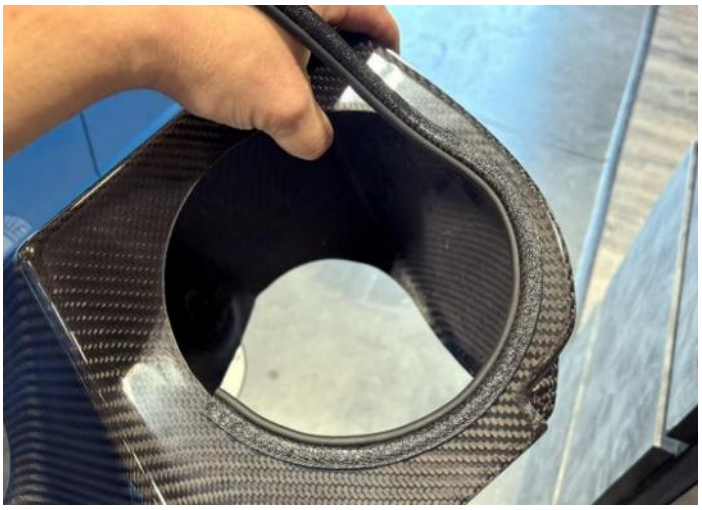
This concludes the removal of the factory intake.

INSTALLATION INSTRUCTIONS

CORSA INTAKE



1. Take the locator cap from the stock air intake box and push it into the recess in the inner fender.



2. Install gasket seal into the opening of the CORSA Carbon Fiber Intake Sheild. Trimming the length may be required. Use a sharp knife and/or cutting pliers to trim the excess length.



3. If the air filter came with a clamp pre-installed, replace it with the Ø6.00in t-bolt clamp.

   Use a 11mm deep well socket & rachet or wrench to tighten the t-bolt clamp to secure the air filter to the air duct.



4. Install Ø1/2” ID grommet into CORSA Carbon Fiber air duct in hole closest to large end.

Continued on Next Page . . .

INSTALLATION INSTRUCTIONS

CORSA INTAKE





5. Place large end of reducer sleeve on duct and slide duct through CORSA carbon fiber air shield.



6. Next, insert the small end of reducer over the throttle body along with 520425 clamp.



7. Push the locator bump on the back of the CORSA carbon fiber air shield into the rubber locator cap in the vehicle's fender. Tighten clamp on throttle body with ratchet and 7/16" socket.

Continued on Next Page . . .

INSTALLATION INSTRUCTIONS



8. Using an 8mm socket & ratchet or wrench, reinstall the bolt and grommet, from step 7 of removal section of instructions, that secures the shield.



9. Insert the air temperature sensor that was removed in Step 11, verify the tab is pointing in the direction of the air flow.



10. While holding the air temperature sensor base, reconnect the sensor wiring harness. Use caution not to push the sensor into the air duct.



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

Continued on Next Page . . .

INSTALLATION INSTRUCTIONS



12. Insert threaded 90°quick connect fitting into duct, see correct fitting position highlighted in next step.



13. Correct fitting position



14. Install straight quick connect fitting to Ø5/8” PCV hose. **NOTE:** Installing fittings to hose may require heat or lubrication.



15. Connect the female end of the quick disconnect fitting on the PCV hose to the male end of the quick disconnect fitting on the duct. There will be an audible click when the fittings are seated correctly.

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.

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.

Oiled Filter CARE AND CLEANING

Check the 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.

Reference for Replacement Filters: Oiled Filter Part # 5167 or DryTech Filter Part # 5167D