



# DELTA FORCE

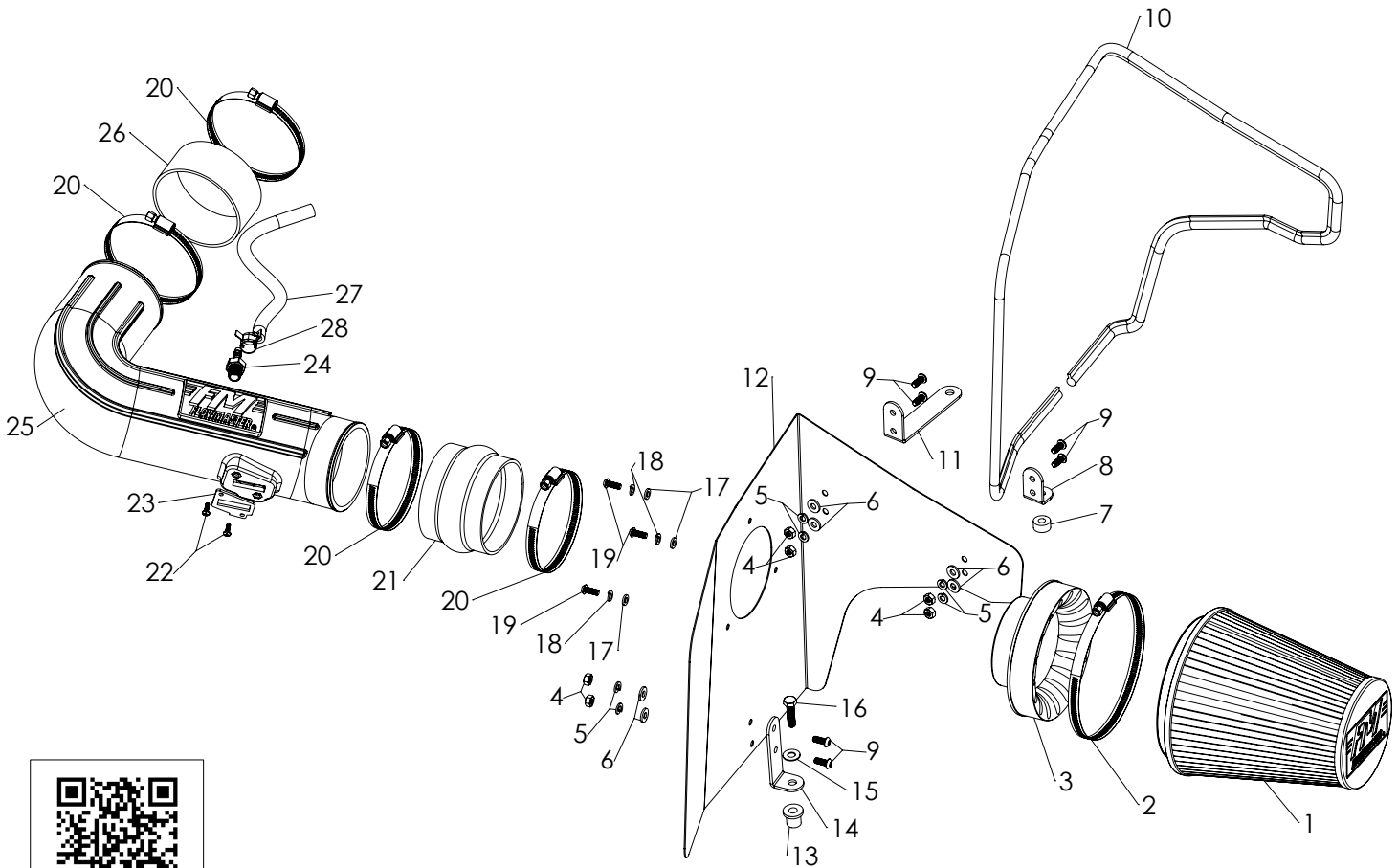
PERFORMANCE INTAKES BY FLOWMASTER

## Installation Instructions

# 615101

## 2010-2015 CHEVY CAMARO SS 6.2L ENGINE

NOT LEGAL FOR SALE OR USE ON ANY POLLUTION-CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR IN STATES THAT HAVE ADOPTED CALIFORNIA EMISSION PROCEDURES.



REV. 2/3/2020

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AF1001	FILTER, AIR 8-5/8" HIGH x 6" DIA FLANGE	1
2		#104 HOSE CLAMP 4.125 DIA TO 7"	1
3	AF6002	4" x 6" AIR FILTER ADAPTER	1
4	HW115	1/4"-20 NUT	6
5	HW322	1/4" SPLIT LOCK WASHER	6
6	HW320	1/4" FLAT WASHER SAE	6
7	HW517	3/4" O.D. x 3/8" L, ALUMINUM SPACER	1
8	AF5001	BRACKET 1, 10-15, CAMARO, 6.2L	1
9	HW245	1/4"-20 x 5/8" SCREW	6
10	49000061	PUSH ON VINYL HEAT SHIELD GASKET 72"	1
11	AF5003	BRACKET 3, 10-15, CAMARO, 6.2L	1
12	AF3005	10-15 CAMARO SS HEAT SHIELD	1
13	HW122	5/16"-18 RUBBER WELL NUT	1
14	AF5002	BRACKET 2, 10-15, CAMARO, 6.2L	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
15	HW321	5/16" FLAT WASHER	1
16	HW246	5/16"-18 x 1.25" BOLT	1
17	HW319	M6 FLAT WASHER	3
18	HW318	M6 SPLIT LOCK WASHER	3
19	HW244	M6 x 1.0 x 16MM SCREW	3
20	MC400H	#64 HOSE CLAMP 3-9/16 DIA TO 4-1/2"	4
21	AF4005	4" I.D. x 3" L RUBBER COUPLER, HUMP	1
22	HW248	M4 x 0.7 x 12MM RH PHILLIPS SCREW SS	2
23	GA139	MAF SENSOR GASKET	1
24	AF4001	5/16" BARB TO 1/4" NPT MALE STRAIGHT	1
25	AF2005	10-15 CAMARO SS INTAKE TUBE	1
26	AF4004	4.0' I.D. x 2" L RUBBER COUPLER, STRAIGHT	1
27	49000062	5/16" I.D. x 9/16" O.D. FUEL LINE 24"	1
28	MC001P	5/16" HOSE PINCH CLAMP	1

**REVIEW THE INSTRUCTIONS AND VERIFY THE KIT CONTENTS:**

1. Please take a moment to read and understand these instructions before installing your Flowmaster cold air intake kit.



2. Use the parts drawing and list (front page) to verify your kit's contents.

In the unlikely event that any parts are missing, please contact FLOWMASTER Technical Support for replacements.

To simplify assembly and avoid cross-threading fasteners, identify and separate the 1/4-20 screws (item 9) (used with nuts (4)), and the M6 screws (19) (used with filter adapter (3)).

**REMOVE THE FACTORY AIR INTAKE SYSTEM:**

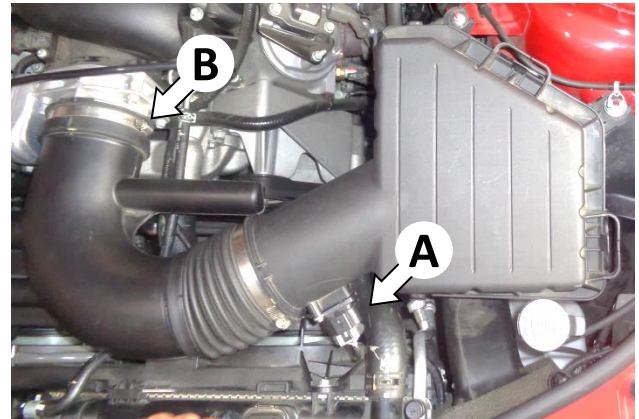
**NOTES**

- We highly recommend that you retain all factory air intake system parts.
- Please refer to vehicle manufacturer's recommendations regarding removal of factory components.
- Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicle's anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code.

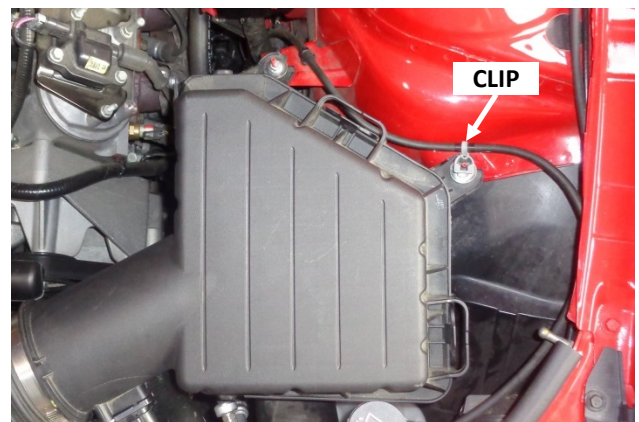
3. Turn off the vehicle's ignition and disconnect the negative battery cable.



4. Remove the oil filler cap, lift the front of the engine cover and remove it from the engine, and reinstall the filler cap.

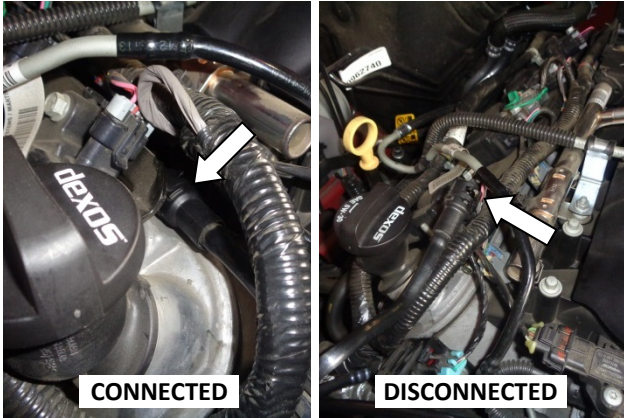


5. Disconnect the mass airflow (MAF) sensor plug (A), then loosen the hose clamp securing the air intake duct to the airbox (B).



6. Lift the wiring clip off of the airbox mount stud, then remove the two airbox nuts and **retain for use at Step 18.**





7. Release the latch on the fitting at the engine-end of the PCV line, then disconnect the line.

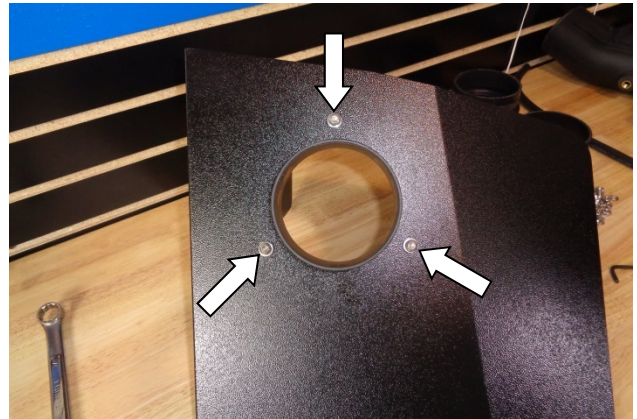


8. Disconnect the intake duct from the throttle body, lift the airbox straight up to release it, and remove the airbox and duct from the vehicle. Then remove the rubber grommet (A) from the frame.

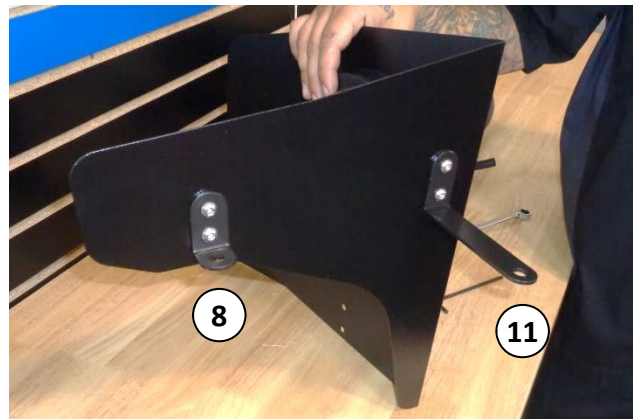


9. Remove the MAF sensor from the airbox, then remove the stock gasket from the sensor.  
**CAUTION: The sensor is delicate!** Handle it with care, and store it in a safe location until **reinstallation at Step 14.**

## ASSEMBLE AND INSTALL YOUR FLOWMASTER COLD AIR INTAKE SYSTEM:



10. Assemble air filter adapter (3) to heat shield (12) using M6 screws (19), lock washers (18) and flat washers (17).

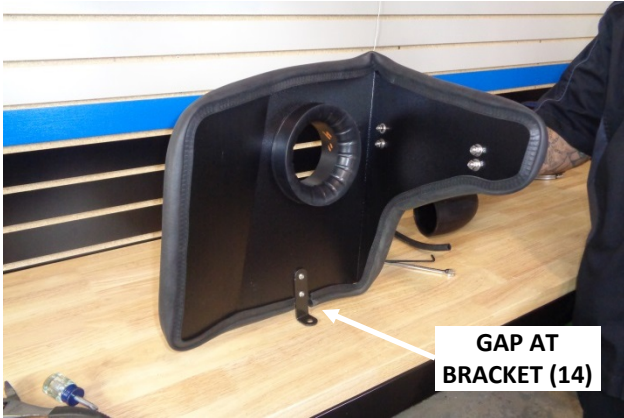


11. Attach brackets (8) and (11) to the heat shield using ¼-20 screws (9) (on the bracket side), and flat washers (6), lock washers (5) and nuts (4) (on the heat shield side).



12. Attach bracket (14) to the heat shield using ¼-20 screws (9) (on the bracket side), and flat washers (6), lock washers (5) and nuts (4) (on the heat shield side).





13. Attach gasket (10) to heat shield. Starting on one side of bracket (14), firmly press the gasket onto the edge, gradually working around the heat shield. When you reach the other side of the bracket, trim the gasket to fit using metal-cutting shears.



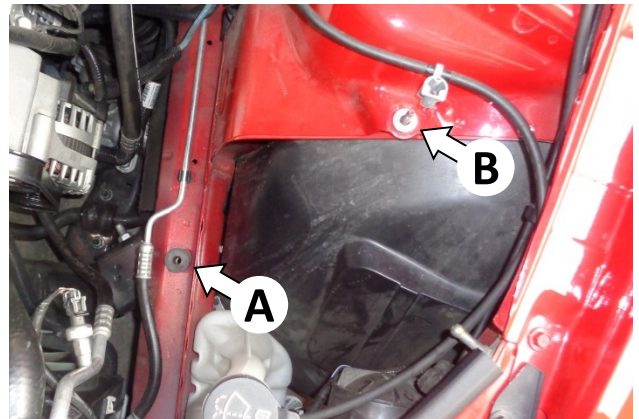
14. Apply 2 wraps of nylon thread tape to the 5/16" barbed fitting (24), and install it in the intake tube (25). Install MAF sensor gasket (23) onto the sensor, ensuring correct orientation. Then install sensor in intake tube, using M4 screws (22).



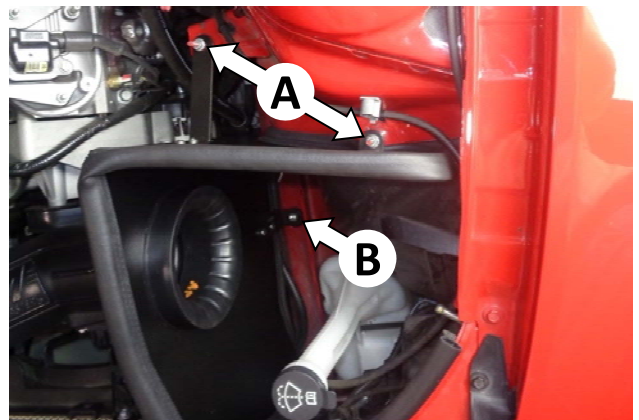
15. Install two hose clamps (20) on the straight coupler (26), and install the coupler on the throttle end of the intake tube.



16. Install the other two hose clamps (20) on the flex coupler (21), and install the coupler on the filter end of the intake tube.

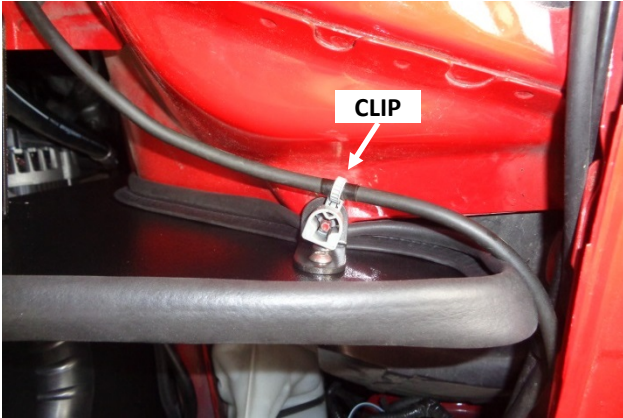


17. Install well nut (13) in the hole in the frame (A). Then place aluminum spacer (7) on the airbox mount stud (B).



18. Install the assembled heat shield in the vehicle using the stock airbox nuts at the two upper brackets (A), and the 5/16-18 bolt (16) and the flat washer (15) at the lower bracket (B).

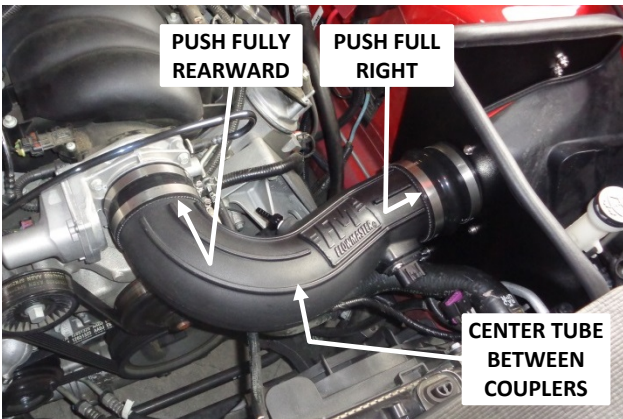




19. Reinstall the wiring clip on the mounting stud.



22. Push one end of the 5/16" ID hose (27) onto the metal tube from which the PCV line was disconnected at Step 7.



20. Install intake tube in vehicle. Push the left coupler up against the raised stops on the throttle body. Push the right coupler up against the heat shield. Then center the intake tube between the couplers, and tighten all hose clamps.



23. Route the hose across the top of the throttle body, below the hard plastic line, and to the barbed fitting. Cut the hose to length, and use the pinch clamp (28) to secure it to the fitting.



21. Install the MAF sensor plug on the sensor, and push the locking tab toward the sensor. Then check the plug for security.



24. Place the clamp (2) on the air filter (1), install the filter on the filter adapter and tighten the clamp.



25. Remove the oil fill cap, reinstall the engine cover, and reinstall the fill cap.



**Congratulations, the installation of your FLOWMASTER cold air intake kit is now complete!**