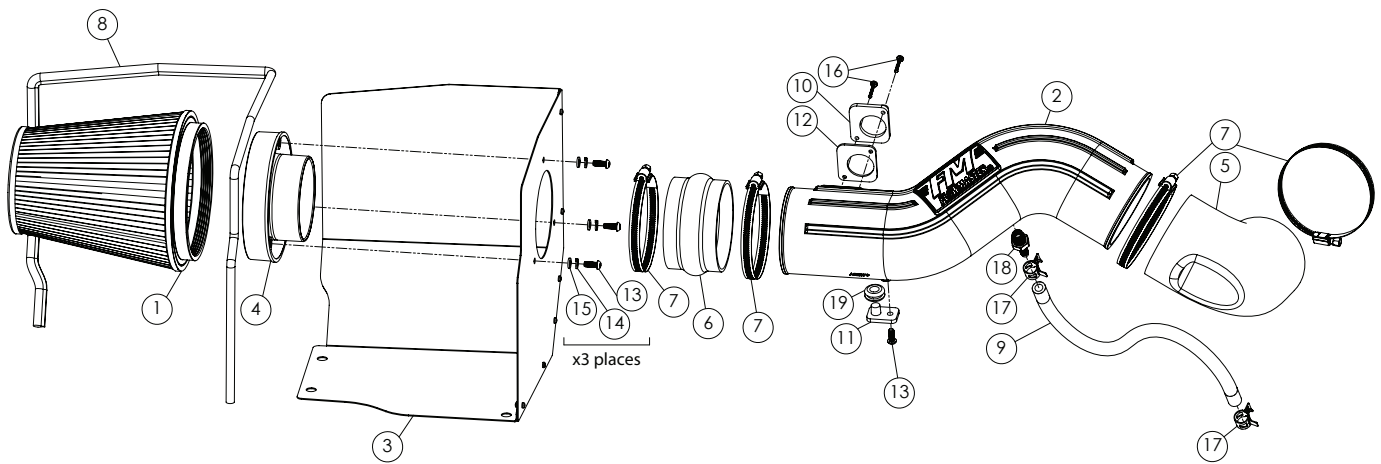




Installation Instructions  
**615158**  
 2009-15 GM 2500 HEAVY DUTY  
 6.0L ENGINE



ITM #	PART #	DESCRIPTION	QTY.
1	AF1001	Cone Air Filter	1
2	AF2079	Molded Intake Tube	1
3	AF3011	Airbox	1
4	AF6002	Air Filter Adapter	1
5	AF4086	4" Rubber Coupler	1
6	AF4051	4" Hump Rubber Coupler	1
7	MC400H	3 $\frac{3}{16}$ " - 4 $\frac{1}{2}$ " #64 Hose Clamp	4
8	49000061-54	54" Airbox Trim Seal	1
9	49000065-18	18" OD Fuel Hose	1
N/A	PK1009	Hardware Package includes:	1

ITM #	PART #	DESCRIPTION	QTY.
10	AF7005	Mass Air Flow Sensor Adapter	1
11	AF7007	Sensor Block Off Plate	1
12	GA144	Gasket	1
13	HW244	M6 x 1 x 16MM Screw	4
14	HW318	M6 Split Lock Washer	3
15	HW319	M6 Flat Washer	3
16	HW254	M4 x .7 x 25MM Phillips Screw	2
17	MC002P	$\frac{3}{8}$ " Hose Pinch Clamp	2
18	AF4040	$\frac{3}{8}$ " Hose Barb- $\frac{1}{4}$ " Straight Male	1
19	HW540	1 $\frac{1}{16}$ " I.D. x $\frac{3}{16}$ " Push In Grommet	1
20	HW523	8.5" Black Tie	1

## OVERVIEW:



**NOTE:** Please inventory all parts before starting the installation process and call our tech line to report any missing parts. This will help avoid potentially stranding your vehicle until any missing replacement parts arrive.

1. Please take a moment to read and understand these instructions before installing your Flowmaster performance system.

### WARNING:

Allow vehicle time to cool completely before handling any of factory engine components.

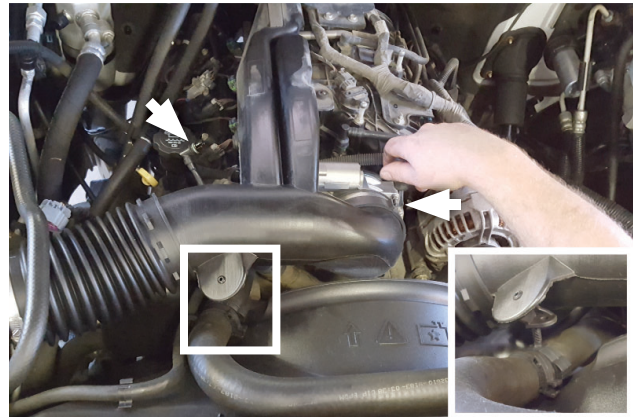
## REMOVE STOCK COMPONENTS:



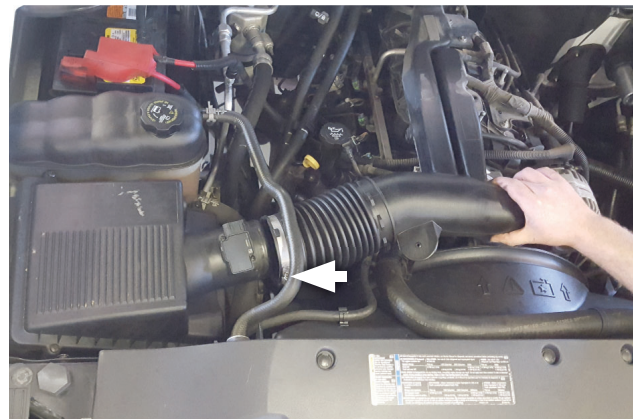
2. Remove cover from engine.



3. Unplug MAF sensor from factory airbox. If applicable, also unplug MAP sensor.



4. Disconnect PCV from resonator chamber, disconnect radiator hose then loosen throttle body clamp.



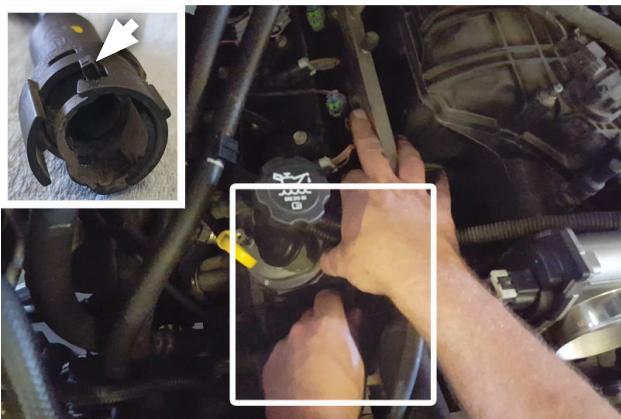
5. Loosen clamp securing intake tube to airbox, then remove it from vehicle.



6. Lift up to release push-in grommets and remove airbox from vehicle.



7. Remove and retain (x4) bolts and airbox plate.

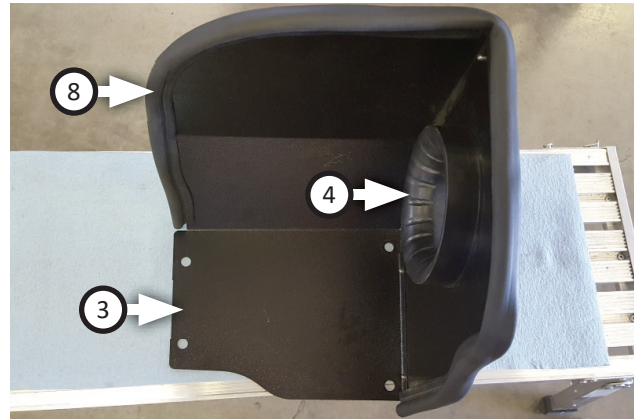


8. Disconnect and remove PCV by squeezing the tab shown then carefully wiggling the connections apart.

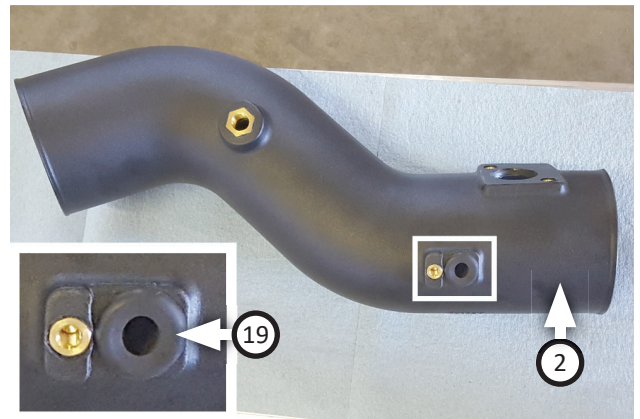


9. Remove and retain MAF sensor from factory air box. If applicable, remove MAP sensor from air box beside MAF sensor where shown.

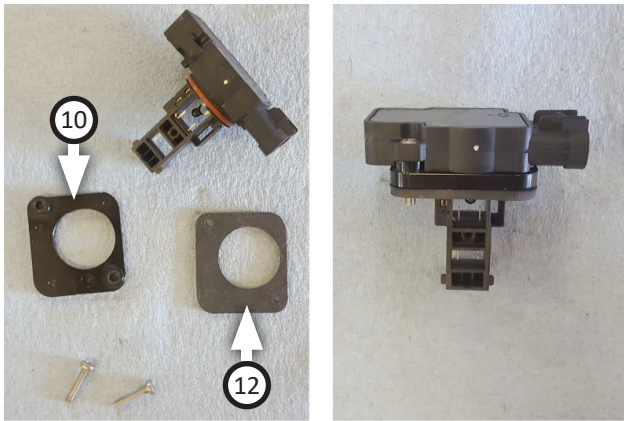
**ASSEMBLE KIT COMPONENTS FOR INSTALL:**



10. Install **air filter adapter (4)** into **airbox (3)** using (x3 ea.) **screws (13)**, **split lock washers (14)** and **flat washers (15)**. Apply **trim seal (8)** to airbox then trim excess so it fits precisely as shown.



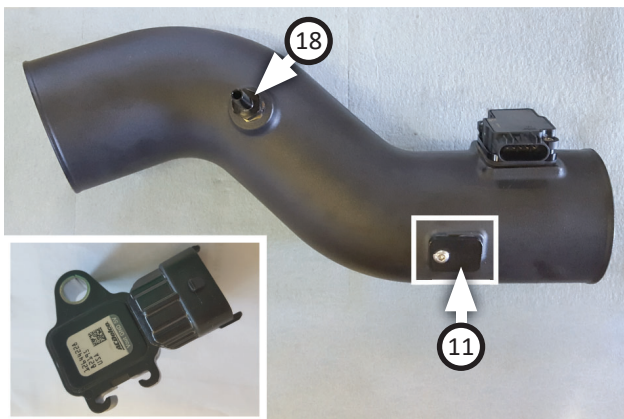
11. Install **grommet (19)** into **intake tube (2)**.



12. Assemble **sensor adapter (10)** and **gasket (12)** to MAF (removed step 9) with (x2) **screws (16)**.



13. Install MAF assembly onto intake tube.



14. Install **hose barb (18)** into intake tube. Then either install **sensor block off plate (11)** using **screw (13)** or, if applicable, install MAP sensor (removed step 9) near MAF sensor.



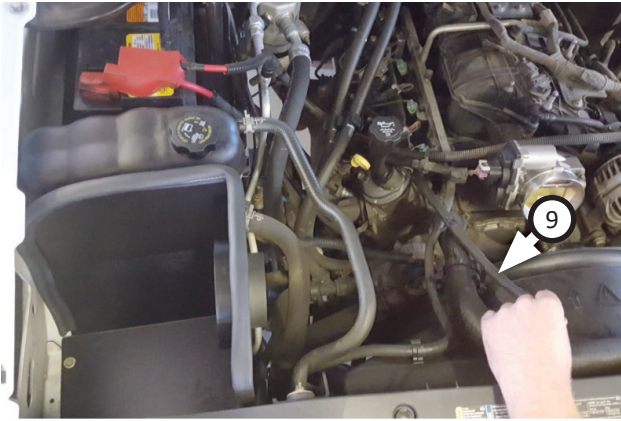
15. Place (x2) **hose clamps (7)** onto both sides of **hump coupler (6)**, then fit it onto MAF side of intake tube as shown.



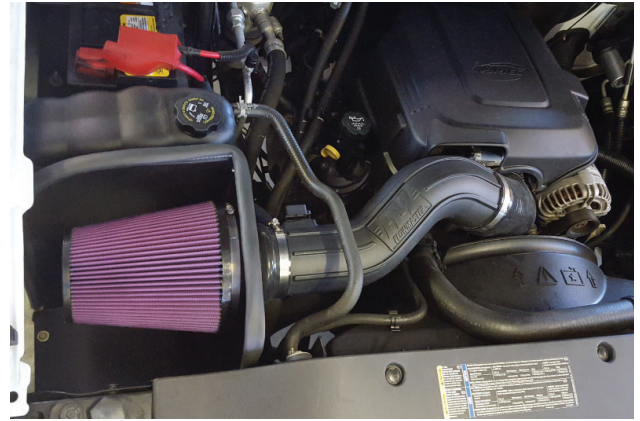
16. Place (x2) **hose clamps (7)** onto both sides of **coupler (5)**, then fit it onto remaining end of intake tube.



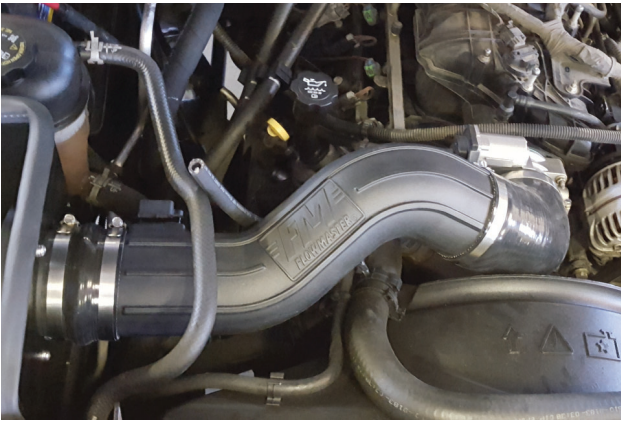
17. Install airbox into vehicle with (x4) bolts (removed step 7).



18. Set (x2) **pinch clamps (17)** onto **fuel hose (9)** then install one end onto crank case vent and move pinch clamp over connection.



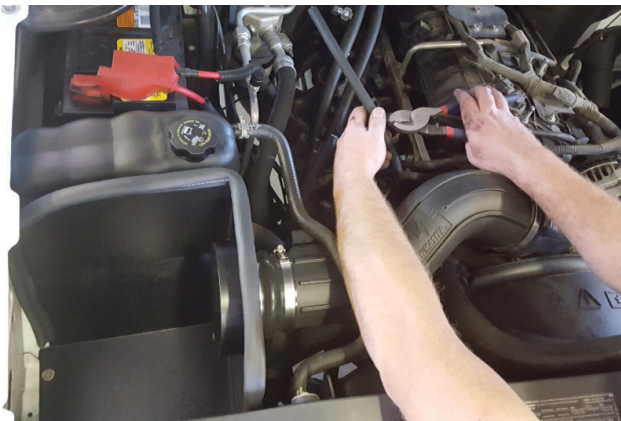
21. Install **cone air filter (1)** into airbox, plug MAF back in and if applicable, plug MAP back in. Use **zip tie (20)** to secure wiring harness, then replace engine cover.



19. Place intake tube assembly into engine compartment and center tube between coupler and throttle body.



Congratulations, the installation of your **Flowmaster Delta Force Performance Intake** system is complete!



20. Cut fuel hose to length so it can easily connect to hose barb without creating any kinks in its length; then connect it to hose barb.

