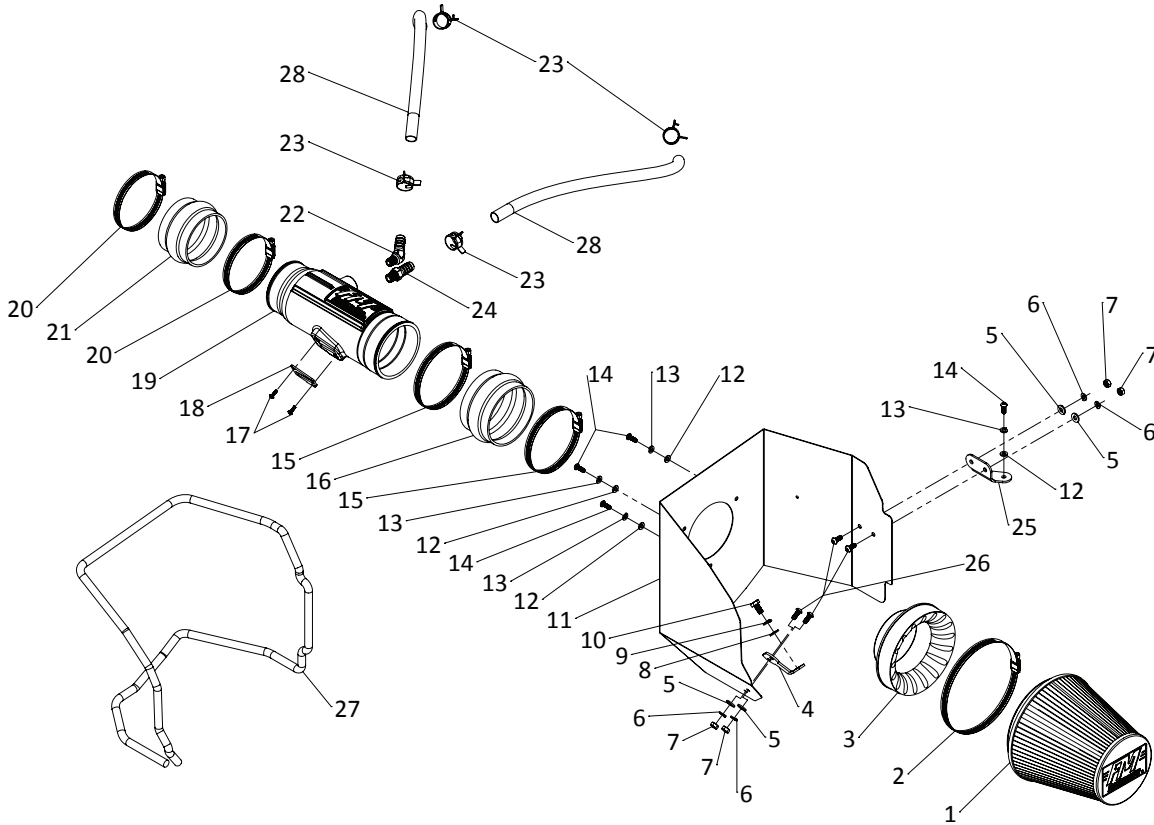




Installation Instructions
615198
2017-19 NISSAN TITAN TRUCKS
5.6L ENGINE

(Does NOT fit Titan XD models)
 NOT LEGAL FOR SALE OR USE ON ANY POLLUTION-CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR IN STATES THAT HAVE ADOPTED CALIFORNIA EMISSION PROCEDURES.



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	AF1002	Cone Air Filter 6" x 7.5" H	1
2		#104 Hose Clamp 4 $\frac{1}{8}$ " to 7"	1
3	AF6002	4" Air Filter Adapter	1
4	AF5095	Bracket 1	1
5	HW320	$\frac{1}{4}$ " Flat Washer	4
6	HW322	$\frac{1}{4}$ " Split Lock Washer	4
7	HW115	$\frac{1}{4}$ "-20 Hex Nut	4
8	HW324	M8 Flat Washer	1
9	HW323	M8 Split Lock Washer	1
10	HW249	M8x1 $\frac{1}{4}$ x16mm Hex Head Bolt	1
11	AF3086	Airbox	1
12	HW319	M6 Flat Washer	4
13	HW318	M6 Split Lock Washer	4
14	HW244	M6x1x16mm BTNHD Bolt	4

ITEM NO.	PART NO.	DESCRIPTION	QTY.
15	MC400H	#64 Hose Clamp 3 $\frac{3}{16}$ "-4 $\frac{1}{2}$ "	2
16	AF4051	4"IDx2.5" Hump Rubber Coupler	1
17	HW248	M4x.7x12mm RH Phillips Screw	2
18	GA139	MAF Sensor Gasket	1
19	AF2070	Molded Intake Tube	1
20	MC350H	#56 Hose Clamp 3 $\frac{1}{16}$ "-4"	2
21	AF4019	3.5"IDx2.5" Hump Rubber Coupler	1
22	AF4041	$\frac{5}{8}$ " Hose Barb to $\frac{1}{4}$ " 45° Fitting	1
23	MC004P	$\frac{5}{8}$ " Hose Pinch Clamp	4
24	AF4032	$\frac{5}{8}$ " Hose Barb to $\frac{1}{4}$ " Straight	1
25	AF5094	Bracket 2	1
26	HW245	$\frac{1}{4}$ "-20 x $\frac{5}{8}$ " BTNHD Bolt	4
27	49000061-78	90" Long Air Box Trim Seal	1
28	49000068-54	$\frac{3}{8}$ " ID Fuel Hose - 54" Long	1

OVERVIEW:



NOTE: Please inventory all parts now before continuing and if necessary, report any missing items to our tech line. This will avoid potentially stranding your vehicle until any missing replacement parts arrive.

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

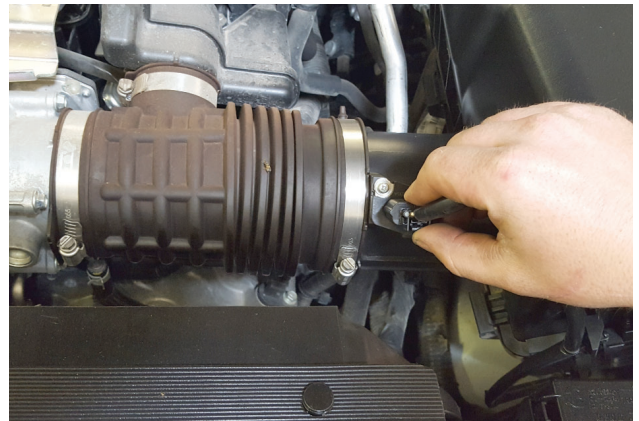
WARNING:

Avoid serious burns! Allow vehicle time to cool completely before handling any stock parts.

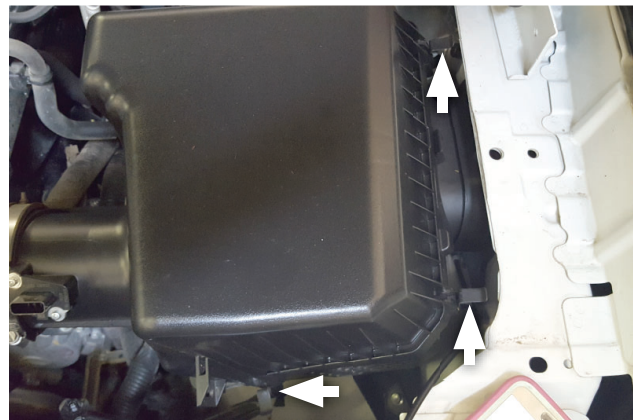
PREPARE VEHICLE FOR INSTALLATION:



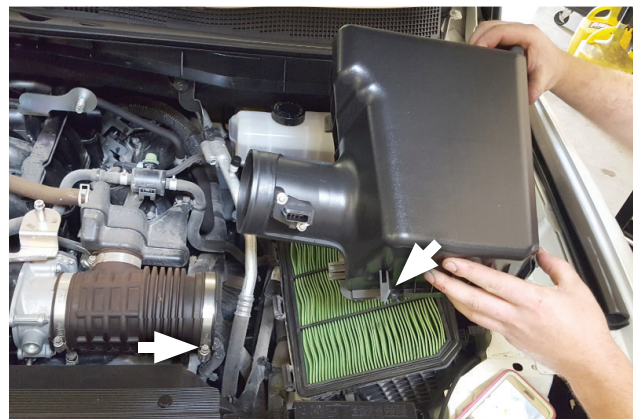
2. Lift hood then lift engine cover off and set it aside.



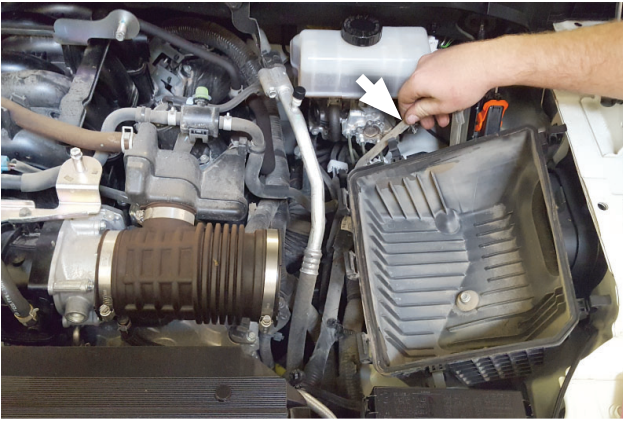
3. Unplug MAF sensor from airbox.



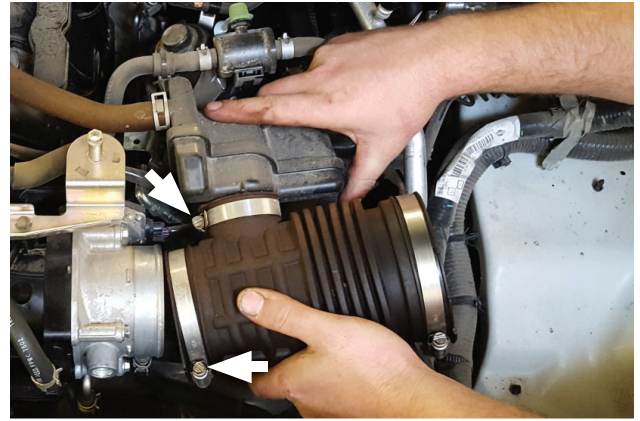
4. Unlatch airbox cover in all 3 places.



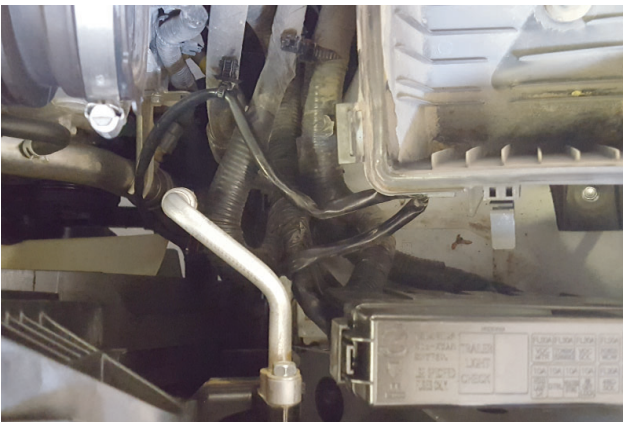
5. Loosen inlet clamp, detach harness then remove airbox cover and filter.



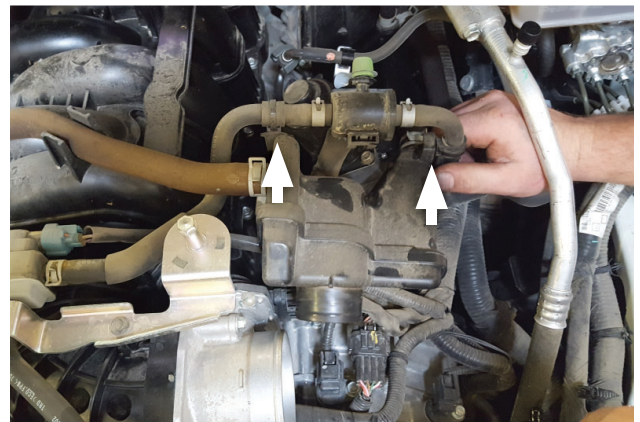
6. Disconnect vent hose from airbox.



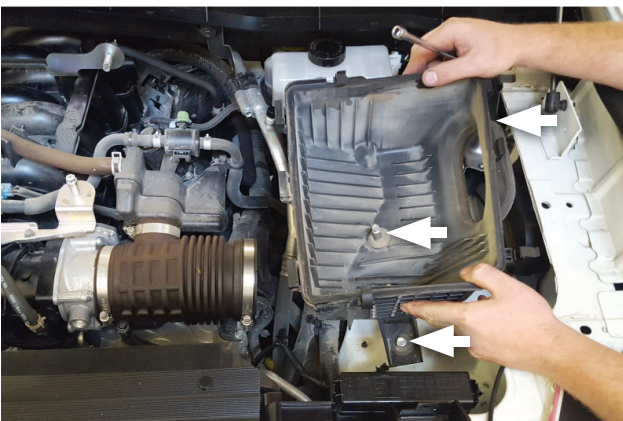
9. Loosen clamps (x2) then remove air duct from engine.



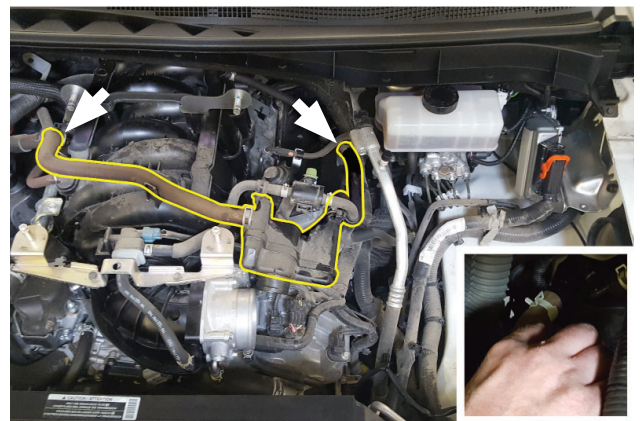
7. Detach wiring harness from airbox.



10. Detach evap lines from resonance chamber.

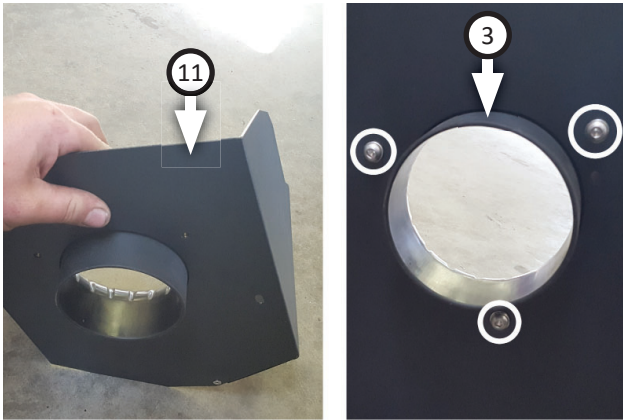


8. Loosen bolts (x3) from mounting points securing airbox to vehicle frame then remove it.



11. Move pinch clamps (x2) from PCV hose connections then remove hose assembly from engine completely.

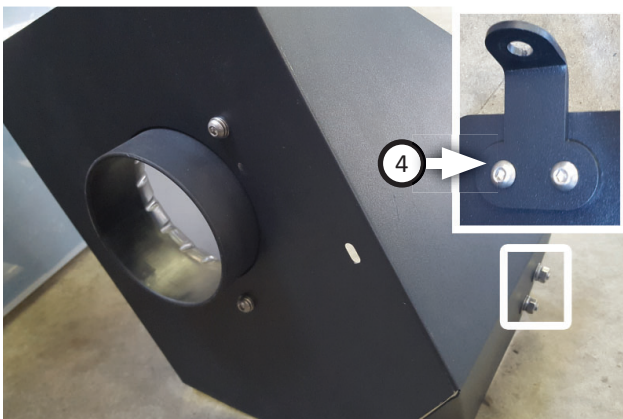
ASSEMBLE & INSTALL COLD AIR INTAKE:



12. Install **air filter adapter (3)** into **airbox (11)** using (x3 ea.) **bolts (14)** through **flat washers (12)** and **split lock washers (13)**.



13. Install **bracket 2 (25)** onto airbox using (x2 ea.) **bolts (26)**, **flat washers (5)**, **split lock washers (6)** and **nuts (7)**.



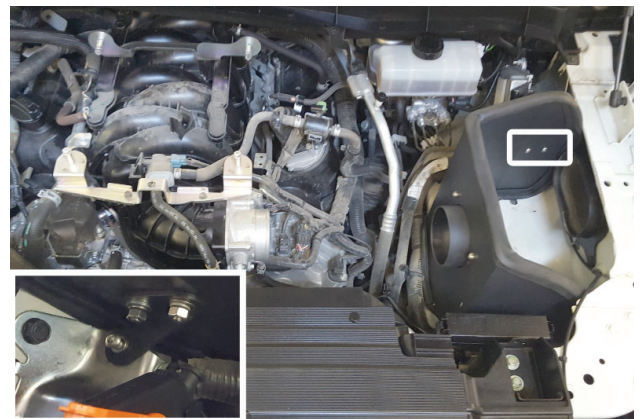
14. Install **bracket 1 (4)** onto airbox using (x2 ea.) **bolts (26)**, **flat washers (5)**, **split lock washers (6)** and **nuts (7)**.



15. Wrap **airbox trim seal (27)** around edges of airbox and bracket 2, making sure that it fits tightly then trimming any extra if necessary.



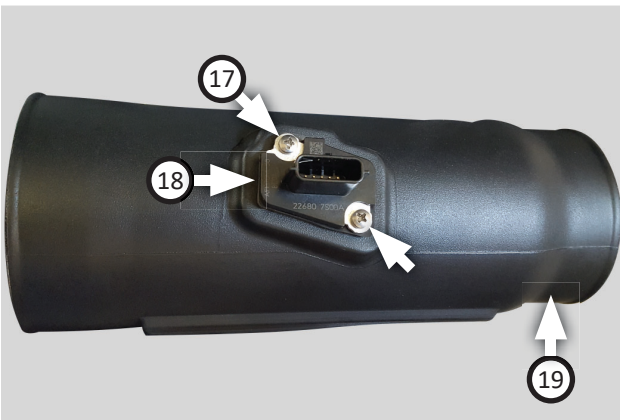
16. Set airbox into engine compartment and fasten airbox to vehicle frame using **bolt (10)**, **flat washer (8)** and **split lock washer (9)** through bracket 2.



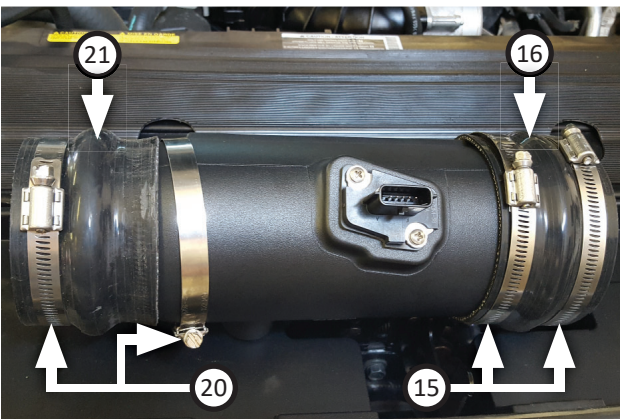
17. Fasten airbox to vehicle frame using **bolt (14)**, **flat washer (12)** and **split lock washer (13)** through bracket 1.



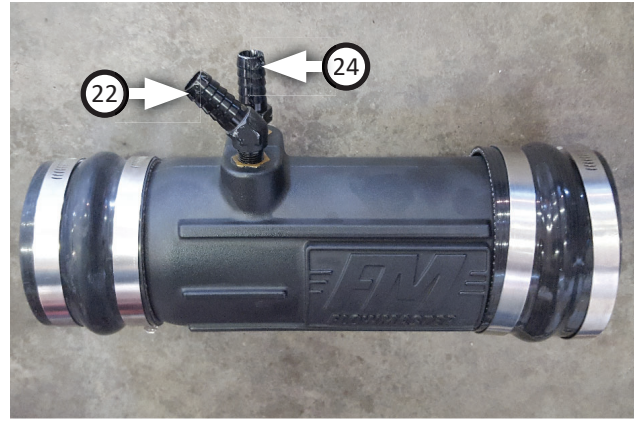
18. Remove and retain MAF sensor from factory airbox cover.



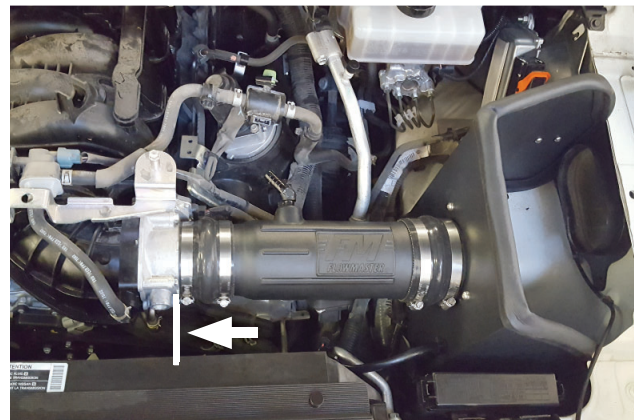
19. Set **MAF sensor gasket (18)** onto **intake tube (19)**; then place MAF sensor (removed step 21) over gasket and fasten parts together using **screws (17)**.



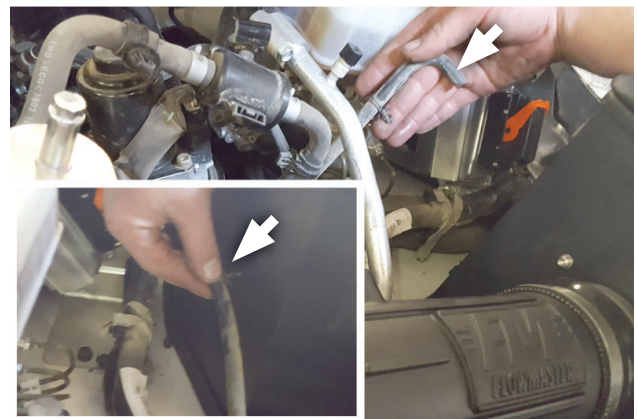
20. Fit **#64 hose clamps (x2) (15)** and **rubber coupler (16)** on logo side of intake tube, then fit **#56 hose clamps (x2) (20)** and **rubber coupler (21)** on remaining side of intake tube. Push couplers fully onto intake tube ends.



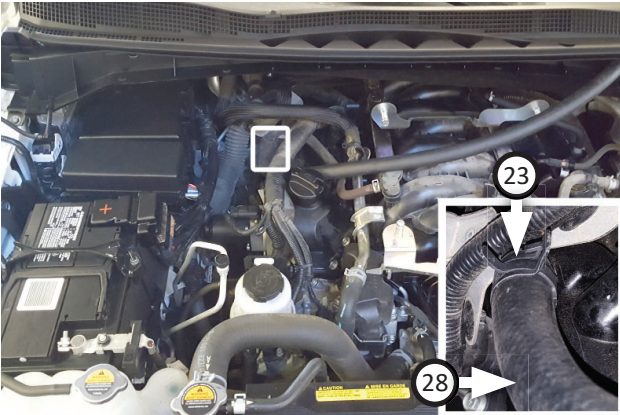
21. Apply teflon tape to barbs (x2). Thread **45° hose barb (22)** into intake tube nearest Flowmaster logo, then thread **straight hose barb (24)** fully into remaining insert. Make sure barbs don't cross-thread and orient them as shown.



22. Place intake tube into engine compartment. Press coupler fully against throttle body stop and tighten clamp, then fit other coupler to airbox. Center tube with logo facing up and tighten all clamps.



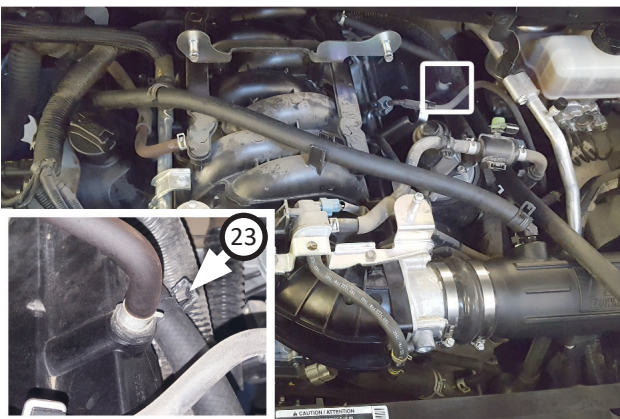
23. Connect hose (removed step 6) to port on airbox.



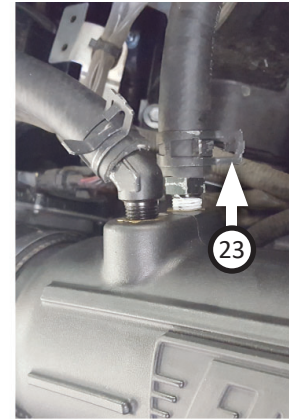
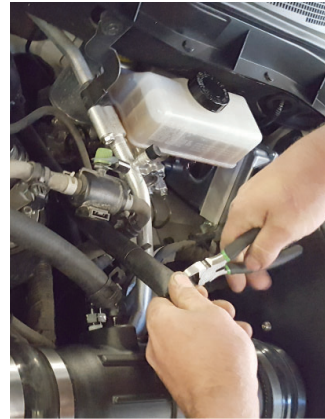
24. Connect fuel hose (28) to valve cover (removed step 12) and secure connection using pinch clamp (23). Pull hose end sideways, to drivers side of engine.



25. Route fuel hose over engine to 45° hose barb. Mark hose where it can press fully onto barb, then cut it at mark. Connect hose to barb and secure it using pinch clamp (23).



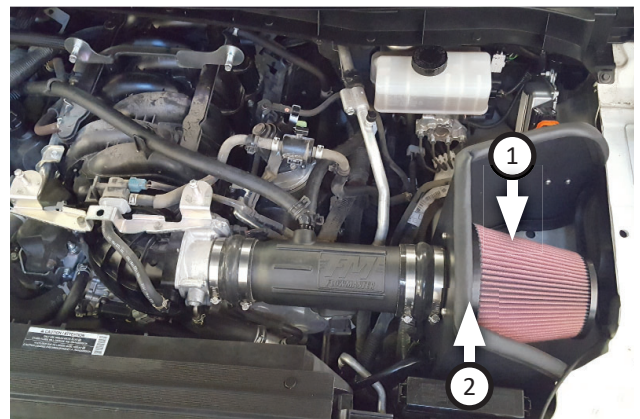
26. Connect remaining fuel hose to valve cover connection (from step 13) and secure it in place with pinch clamp (23).



27. Route fuel hose (from previous step) to straight hose barb. Mark hose where it can press fully onto barb, then cut it at mark. Connect hose to barb and secure it using pinch clamp (23).



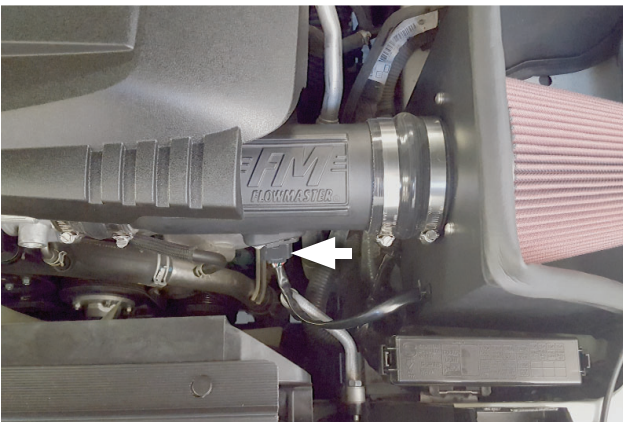
28. Inspect all connections, making sure they are firm and properly seated. Make sure intake tube is centered and that its logo is facing upward.



29. Set air filter (1) into air filter adapter in airbox. Secure them together by tightening #104 hose clamp (2) at its base.



30. Check component assemblies again then re-install engine cover.



31. Plug air temp sensor into intake tube and secure wiring.



32. Take your time to inspect how the system fits in your vehicle. Once you are satisfied, check all connections, ensuring they are tight.

Congratulations, the installation of your Flowmaster Performance Intake system is now complete!



Learn more about performance air intake systems we have.