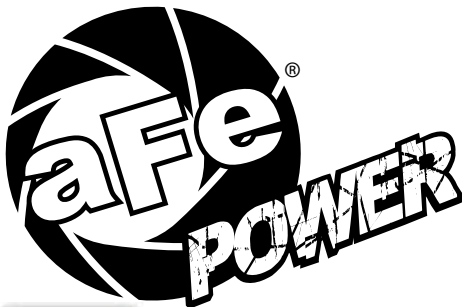
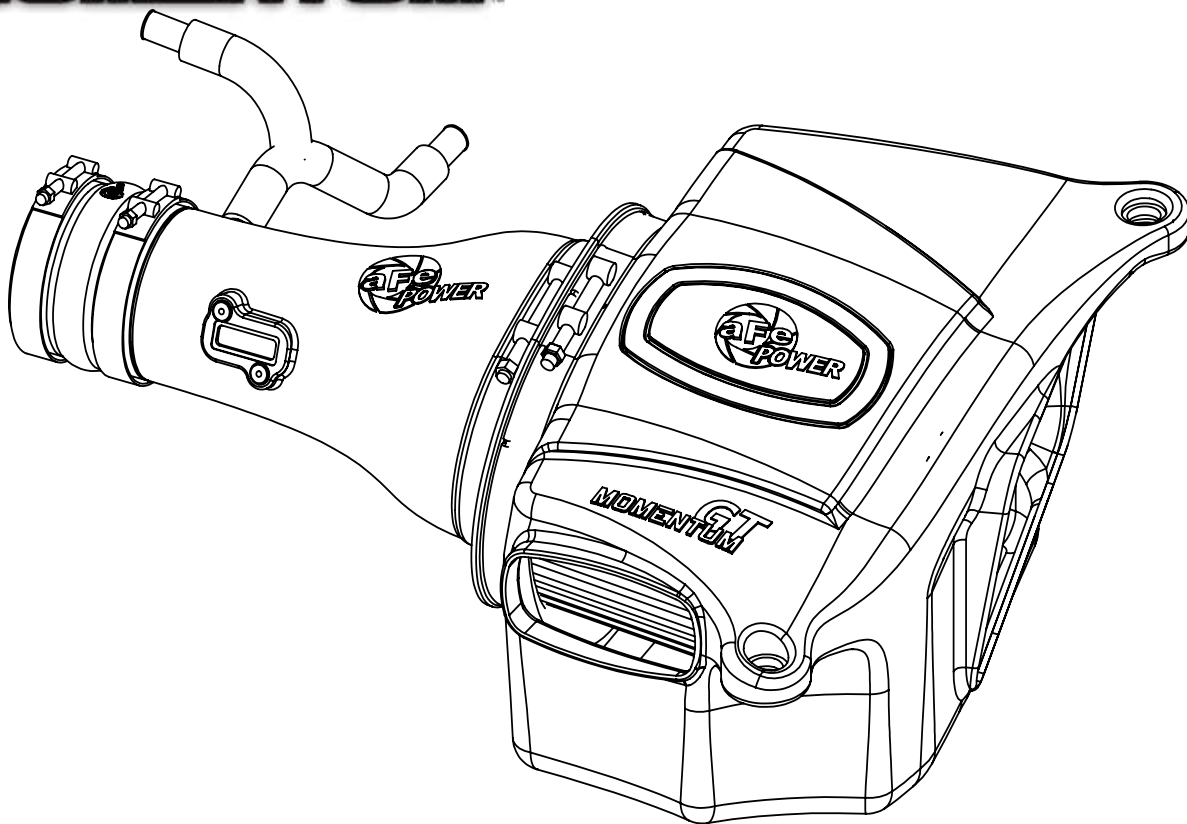




GT
MOMENTUM



advanced FLOW engineering Momentum GT Cold Air Intake System

Instruction Manual P/N: 51-76103 / 54-76103 / 75-76103

Make: **Nissan** Model: **Patrol (Y62)** Year: **2010-2019** Engine: **V8-5.6L (400 HP)**

Make: **Nissan** Model: **Armada** Year: **2017-2019** Engine: **V8-5.6L**

Make: **Infiniti** Model: **QX56** Year: **2011-2013** Engine: **V8-5.6L**

Make: **Infiniti** Model: **QX80** Year: **2014-2019** Engine: **V8-5.6L**

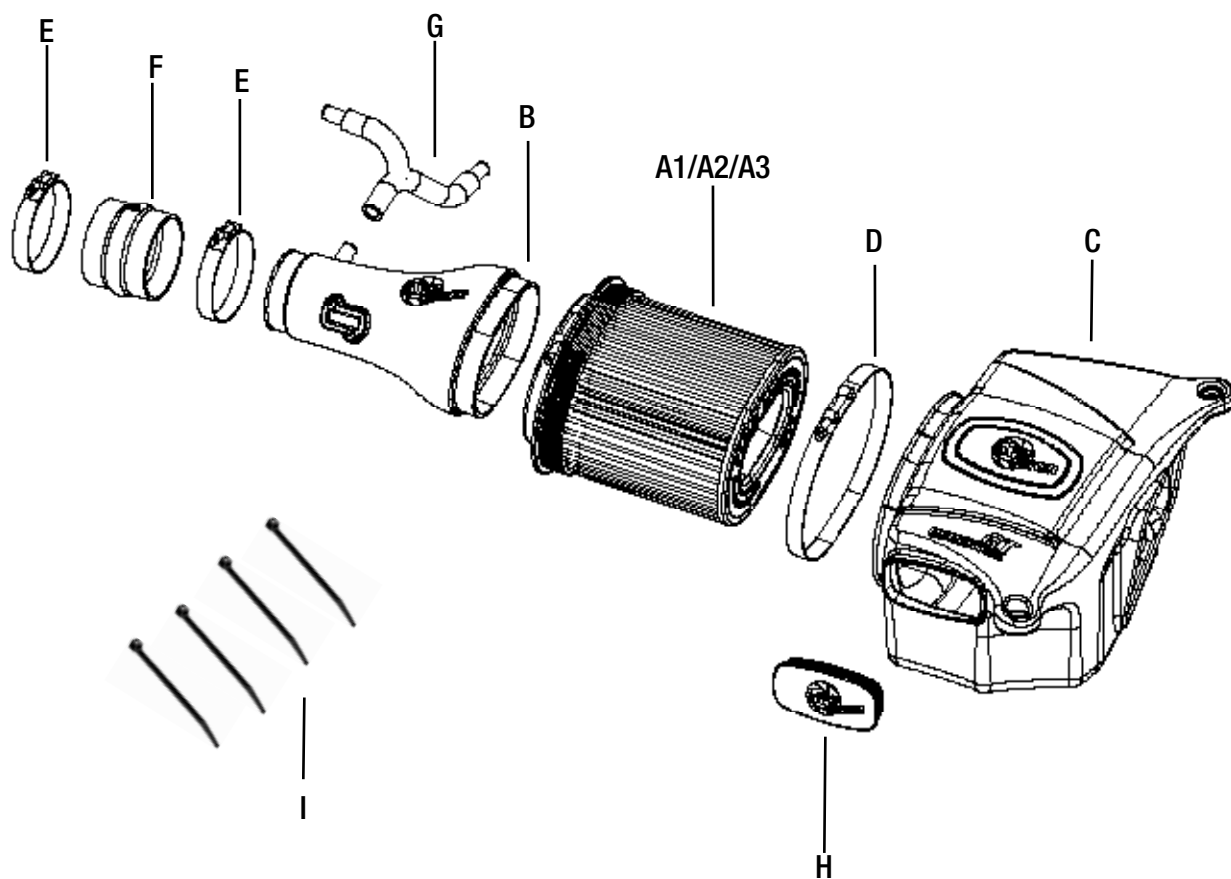


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-91061 (51-76103)
A2	1	Air Filter (Pro-5R)	24-91061 (54-76103)
A3	1	Air Filter (Pro GUARD 7)	72-91061 (75-76103)
B	1	Tube	05-76103B1
C	1	Housing	05-76103B2
D	1	Clamp, T-Bolt (8-5/16"-8-5/8") SS	03-50267
E	2	Clamp, T-Bolt (3-3/4"-4-1/16") SS	03-50265
F	1	Coupling, Silicone Double Hump	05-01389
G	1	Hose, Adaptor CCv (Silicone)	05-01346
H	1	Plug, Urethane	05-01202
I	4	Ties, Nylon Cable, Black	05-60167

Tools needed: 7mm Nut Driver, 8mm Nut driver, 10mm Nut Driver, 11mm Deep Socket, 1/4" Ratchet, 10mm deep Socket, Flathead Screw Driver, Phillips Screw Driver, Pliers.

Recommended: Acetone





Refer to Figure A for Steps 1-2

Step 1: Using a 10mm nut driver, remove the two bolts ① securing the engine cover.

Step 2: Lift and pull the engine cover toward you to remove.



Figure B

Refer to Figure B for Steps 3-7

Step 3: Using an 8mm nut driver, loosen the hose clamp (2) at the throttle body.

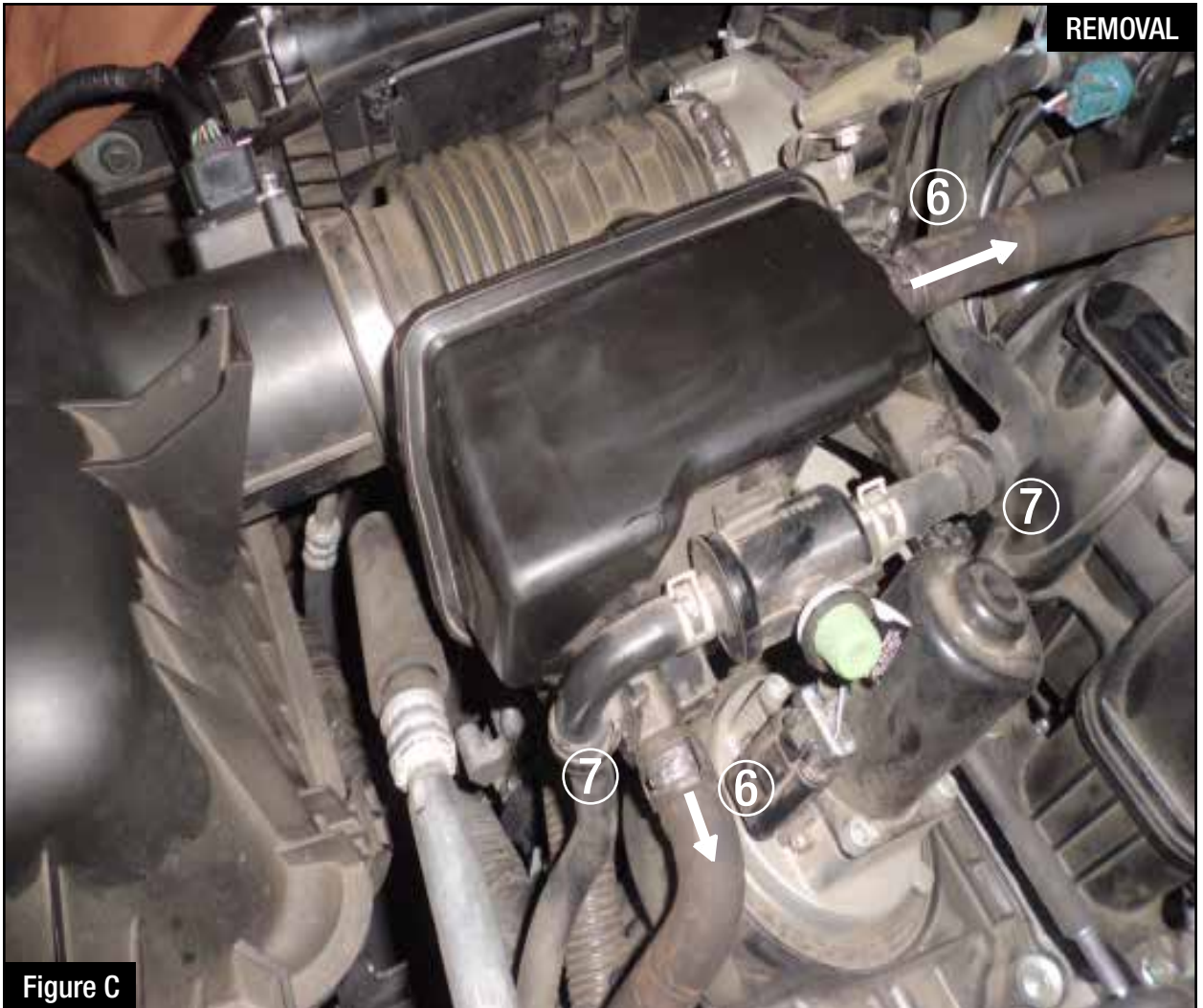
Step 4: Using a 10mm nut driver, remove the three bolts (3) securing the OE housing in place.

Step 5: Unclip the Mass Air Flow (MAF) sensor (4) from tube.

Step 6: Using a 7mm nut driver or philips head screwdriver, remove both screws and MAF sensor.

You will reuse both screws.

Step 7: Carefully detach all three clips (5) securing the MAF sensor wiring harness to the OE housing.



Refer to Figure C for Steps 8-11

Step 8: Compress the metal spring clamps (6) on both crank case vent (CCV) hoses and slide down hose.

Step 9: Disconnect both CCV hoses from resonance chamber and position out of the way.

Step 10: Unclip and remove both plastic clips (7) connecting the rubber evap hose to the resonance chamber.

Step 11: Remove the entire OE intake assembly at this time.



Figure D

Refer to Figure D for Steps 12-17

Step 12: Slide large t-bolt clamp (8) over aFe housing flange as shown.

Step 13: Clean the inside of the rotomold housing flange and both mating surfaces of the filter flange (acetone recommended).

Step 14: Insert the filter into housing then the tube into the filter (9) and tighten both clamps at this time.

Step 15: Assemble the two smaller t-bolt clamps over the silicone hump coupler as shown (10).

Step 16: Tighten only the clamp over the tube side at this time (11).

Step 17: Insert MAF sensor (12) and secure using the two screws you removed in step 6.



Refer to Figure E for Steps 18-19

Step 18: Remove the 3 steel sleeves and rubber grommets (13) from the OE housing and install on the aFe housing as shown.

Step 19: If equipped with rubber duck-billed drain plug (14) install here, otherwise leave open.



Figure F

Refer to Figure F for Steps 20-21

Step 20: Take the full intake assembly and place silicone hump coupler over throttle body as shown.

Step 21: From the driver side of the engine, push and compress ⑮ the coupling while lowering the housing side down into position ⑯, aligning the three mounting locations.

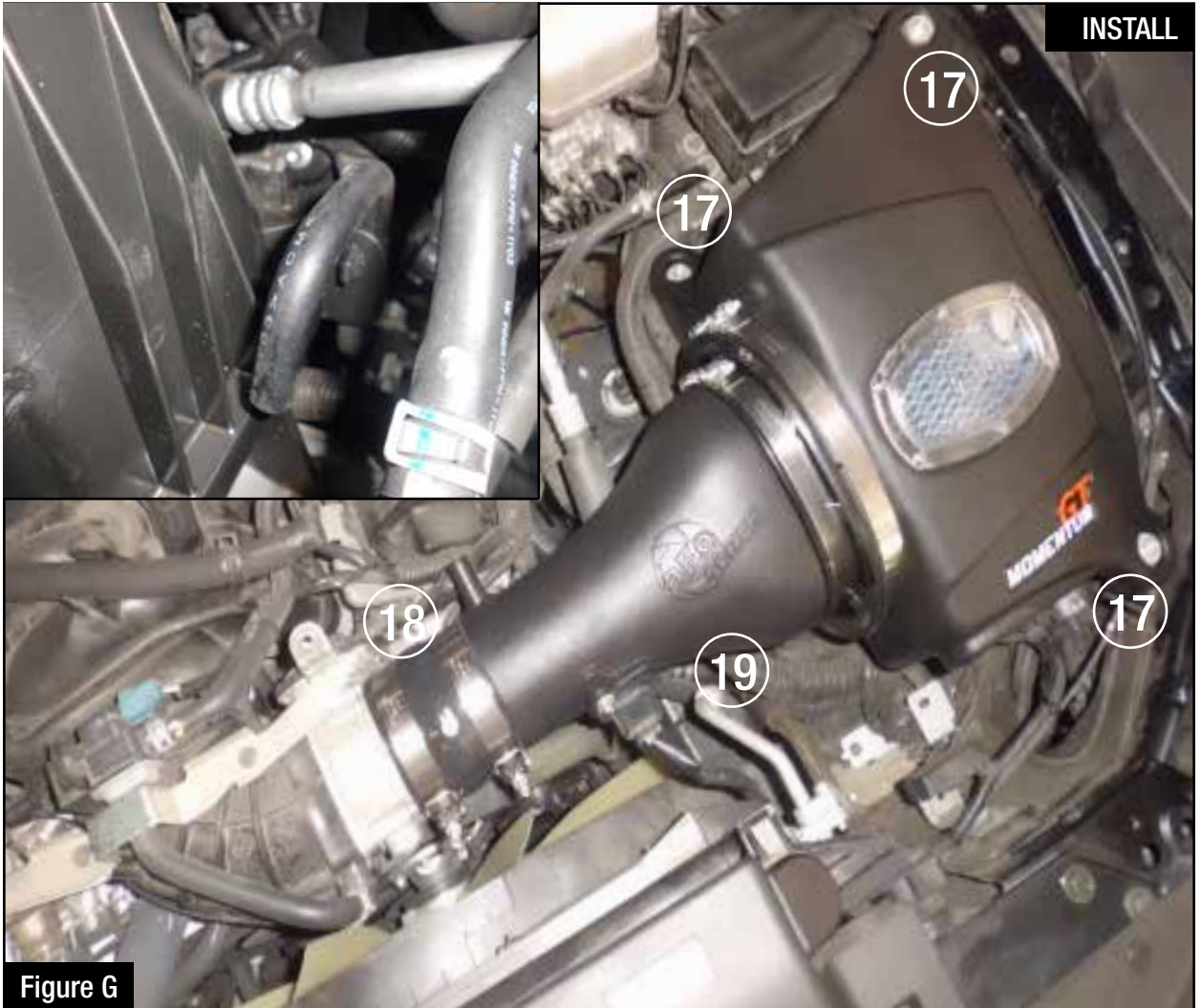


Figure G

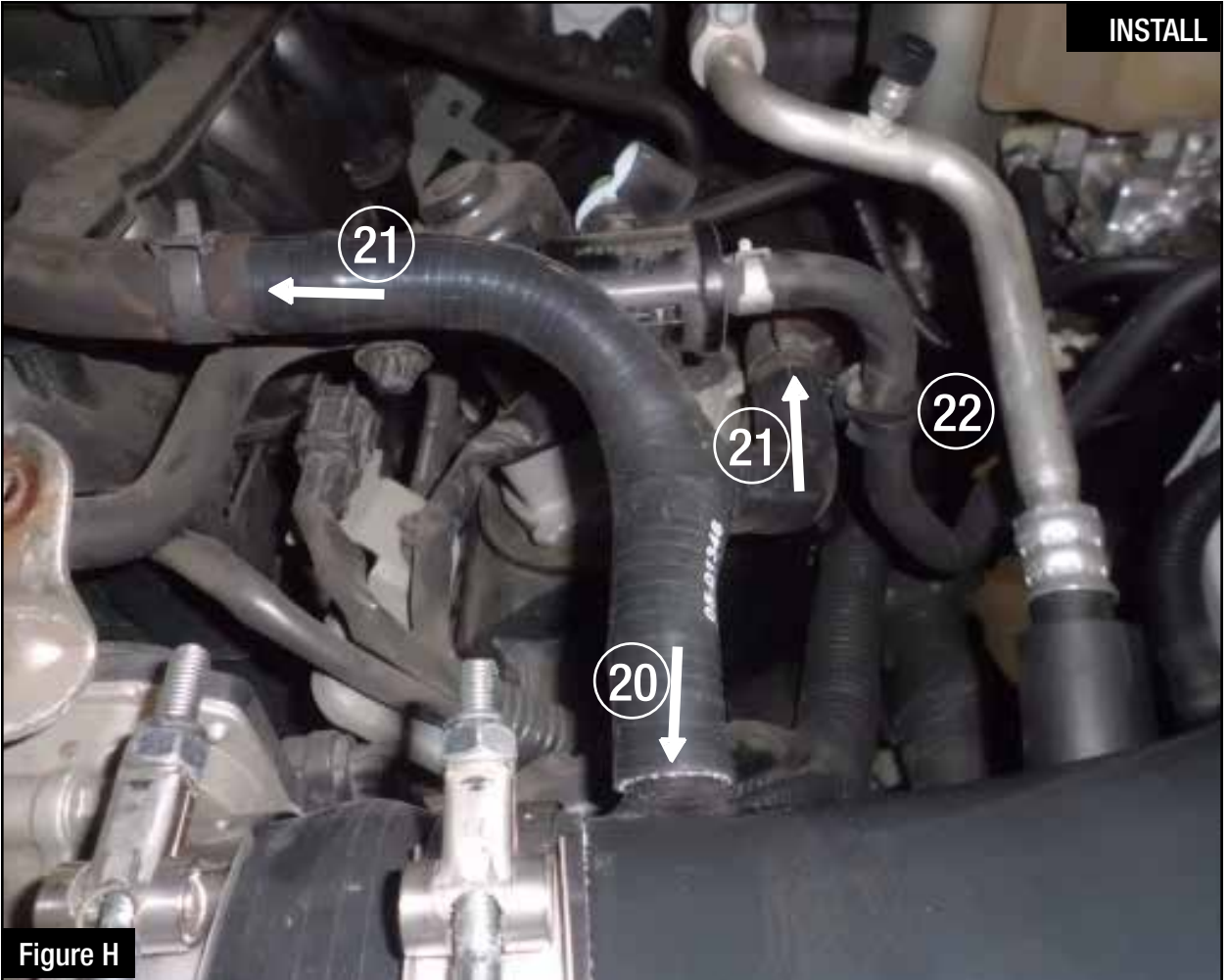
Refer to Figure G for Steps 22-25

Step 22: Install (17) and tighten the three bolts you previously removed in step 4, securing the aFe housing in place.

Step 23: At this time, tighten the remaining t-bolt clamp (18) over the throttle body.

Step 24: If equipped with the vent hose shown in the inset picture, clip into the slot on the side of the aFe housing.

Step 25: Connect the MAF sensor to the aFe tube at this time (19).

**Figure H****Refer to Figure H for Steps 26-29**

Step 26: Install the provided silicone adaptor coupling: place the end with no metal fitting (20) over the nipple on the aFe tube.

Step 27: Install the remaining two ends of the adaptor (21) with the stainless fittings into the CCV hoses.

Step 28: Compress and slide the two spring clips over the silicone adaptor ends as shown.

Step 29: Use a provided cable tie to secure (22) the evap hose to the silicone adaptor coupling.



Figure I

Refer to Figure I for Steps 30-32

Step 30: Using the provided cable ties, secure the MAF sensor wiring harness (23) as shown in the inset picture, in order to be neatly tucked out of the way.

Step 31: Make sure all clamps and connections are secured.

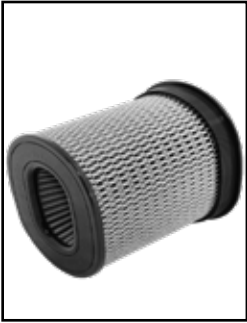
Step 32: Reinstall the engine cover at this time with the bolts you removed in Step 1.

Your installation is now complete. Thank you for choosing aFe Power!

NOTE: Retighten all connections after approximately 100-200 miles. Place enclosed CARB EO sticker on or near the device on a smooth, clean surface. EO identification label is required to pass the smog inspection.



Pro DRY S Air Filter



P/N: 21-91061

Pro 5R Air Filter



P/N: 24-91061

Pro-GUARD 7 Air filter



P/N: 72-91061

Pre-Filter



P/N: 28-10283

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Gold Squeeze Restore Kit



P/N: 90-50500

Throttle Body Spacer



P/N: 46-36004