

AEM[®]
ENGINEERED TO OUTPERFORM



Dryflow Filters

P e r f o r m a n c e C a t a l o g



Two Thousand

8



ABOUT AEM

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Products are C.A.R.B. exempt, or pending C.A.R.B. exemption.



Products WILL NOT void manufacturer warranty.



Air filter oil is NEVER required.



Dyno tuned and tested against the competition.



Designed and manufactured in the U.S.A.



Will not trigger a Check Engine Light.



For use on OFF ROAD vehicles only, and should never be used on public highways.



AEM innovation. The first of its kind, pioneered by AEM.



- NO OIL
- EASY TO CLEAN
- DURABLE

ABOUT AEM

Our mission is to engineer products that outperform the competition, and create original product designs that revolutionize the industry. We are dedicated to thorough research and development, and employ leading-edge manufacturing processes that are continuously updated so we maintain our position as an industry leader. It's how we've spent the last 21 years building our reputation, and it is our commitment to our customers.

When enthusiasts buy AEM performance products, they are getting the finest engineering, highest quality and best value our industry has to offer. Look to our products for proof! We have four patents for product designs, pioneered the Cold Air Intake for sport compacts in 1994, and revolutionized air filtration with oil-free

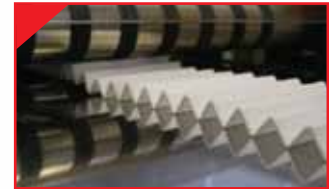


DRYFLOW filters. We created the first stand-alone programmable engine management system that uses a factory wiring harness, and were the first to introduce a gauge with a built-in wideband UEGO controller and gauge readout in one unit.

Don't take our word for it though. Top magazines and websites consistently put our products to the test. The results of these tests prove time and again that our products outperform the competition. It's also the reason you will find AEM intakes, DRYFLOW filters and AEM electronics under the hoods of racers and industry experts all over the world.

MANUFACTURING AND R&D

AEM utilizes the latest manufacturing processes and equipment to ensure our products work right the first time, every time. We employ 20 mechanical and electrical engineers who use the latest R&D methods to develop products, and use leading-edge CNC mandrel benders, multi-axis CNC mills and lathes, robotic welders and plasma cutters to guarantee exact precision during the manufacturing process.



Whether you buy a BRUTE FORCE intake or Plug & Play EMS, our engineers have done their part to ensure its performance and reliability. And when our engineers can't find a solution, they create their own, like building a custom injector flow bench to determine flow rates and battery offsets for the fuel injector library in our AEMTuner EMS software.

We still test our products at the track and are fortunate to work with some of the best racers in multiple forms of racing. The feedback we get from our race partners on our electronics and hard parts have enabled us to make our EMS a top seller and our electronics, induction, exhaust and billet parts commonplace under the hoods of championship vehicles (a few of which are on the following pages).

Our engineers are enthusiasts too. They have a unique ability to take real world data and combine it with sound engineering processes to design the best performance products. In our house, "Engineered To Outperform" isn't a slogan—it's our lifeblood.



Horsepower.

It's how our reputation was **built!**



2006 CORR PRO-2 CHAMPION

CARL RENEZEDER –

CORR/WSORR PRO-2 & PRO-4 SCORE TROPHY TRUCK

"AEM is dedicated to innovation and quality, and I've seen first hand the effort they put into making their filters. AEM's air filter media is the clear leader in the filter industry, and is why our team switched to DRYFLOW."



STEPHAN PAPADAKIS, AEM RACING DRIFT S2000 –

"I am proud to work with a company that takes its product engineering so seriously. The development and testing we do at AEM Racing crosses over into everything AEM makes for high performance street cars. AEM is an industry leader and proves it every year with innovative product designs."



JUSTIN BARGER MOTORSPORTS

USAC/ASCS SPRINT & MIDGET PRA BIG CAR –

"Every second counts in racing, including the seconds in between the races prepping the cars. Our DRYFLOW filter gives us an advantage on and off the track because it is lightweight, filters better than cotton gauze and is far quicker and easier to clean. This stuff is the next generation of filtration."



JERRY ZAIDEN, CAMBURG RACING –

"With oiled filters we've used, we needed to change them out every 150-200 miles. Not with AEM's new DRYFLOW filter! We ran one DRYFLOW through the whole 2006 Baja 500 and encountered the worst race conditions ever. The DRYFLOW not only did its job, but we didn't even need to replace it for the next race!"

CASTROL/LUCAS

KORE

KURGAN



ERIC PLACE



KENT KROEKER



BOB KURGAN



DRYFLOW AIR FILTERS

The **DIRT STOPS HERE!** AEM'S DRYFLOW Filter

OIL-FREE PERFORMANCE FILTRATION

You never have to oil a DRYFLOW air filter, which provides many advantages over cotton-gauze. Not having to oil the filter reduces cleaning/servicing time from several hours to minutes, and eliminates the chance of oil migration up the inlet pipe. The reduced weight of the filter (because of a lack of oil and wire mesh) reduces stress on the inlet pipe and allows us to design the filter for unmatched durability.

EASY TO CLEAN

The DRYFLOW filter cleans in minutes using soap and water. Simply fill a bucket to the filter's pleat line so that the neck of the filter is not submerged, add AEM filter cleaning solution to the water in the bucket, place the filter nose down in the bucket, agitate the water (using caution not to submerge the neck) and let it soak for five minutes. Then, rinse the filter in a clean bucket of water, set it aside and let it dry. It will dry in minutes and be ready for re-installation. At the track or on the trail, you can quickly clean the filter by removing and knocking it against your hand to release a majority of the dirt. Since oil is not used, the dirt will not cake to the media's surface.



PRE-PLEATED
DRY MEDIA
NEVER NEEDS OIL

LIFETIME FILTER DELIVERS
99.52% FILTRATION EFFICIENCY



URETHANE BASE AND CAPS
WILL NEVER DEGRADE

INTERNAL CAGE KEEPS
FILTER FROM COLLAPSING

INCREDIBLE FLOW
PROPERTIES





AEM DRYFLOW FILTER

NO OIL • EASY TO CLEAN • DURABLE



ULTRA DURABLE

The DRYFLOW filter has several durability advantages over oiled cotton-gauze and even competitor dry filters. The lightweight media is constructed of a non-woven polyester, which allows the DRYFLOW to take abuse and still perform and look like new. An internal nylon-reinforced cage (most conical filters) provides structural rigidity so the filter will never collapse, and the lightweight urethane base, lid and edge seal will never deteriorate. The end product is a lightweight filter that will last forever. We guarantee it for life.

THE BEST FILTRATION

DRYFLOW delivers an INDUSTRY-LEADING filtration efficiency of 99.52% cumulative filtration efficiency and filters out particles as small as ONE MICRON in ISO 5011:2000 independent performance filtration testing using A-2 FINE TEST DUST. While our competitors test using COARSE DUST, we have found that A-2 Fine Test Dust testing is the most accurate form of filtration testing for real-world conditions, since the harshest dirt to affect an engine is sub-two micron.

SUPERIOR FLOW CAPABILITIES

Every DRYFLOW air filter is engineered to exceed the flow capacities of the engine it is required for. For example, a naturally aspirated 2.0L engine requires 253 CFM of flow. The filter we manufacture for a 2.0L Acura RSX Type-S delivers 565 CFM of flow when clean (10" water), which is 123% more than the engine requires. You get superior flow with DRYFLOW, in addition to the best filtration and excellent dust holding capacity. No other filter on the market delivers these three critical elements of filtration better than DRYFLOW.

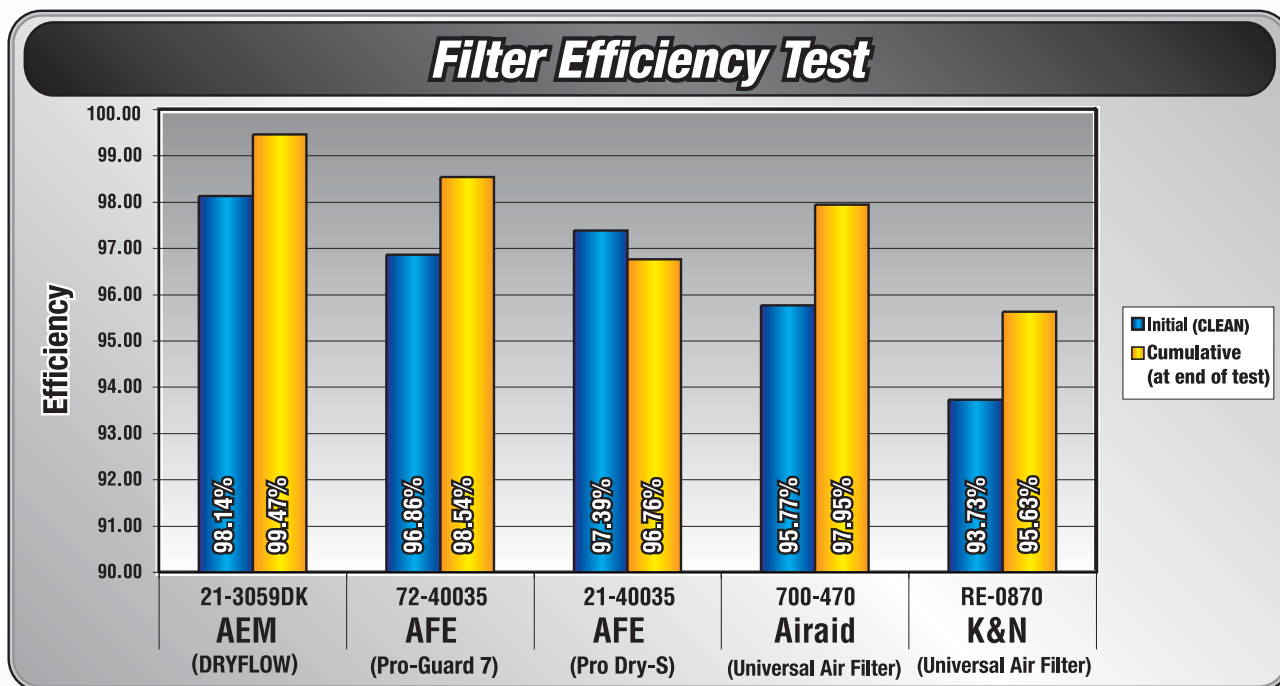
**DRYFLOW REPLACEMENT FILTERS
AVAILABLE FOR COMPETITOR INTAKES**

AEM has direct-fit replacement DRYFLOW air filters for popular competitor intake systems from K&N, AFE and more. Please visit aempower.com and click on the DRYFLOW Replacement air filter link inside the DRYFLOW filters section for a cross-reference chart, or call AEM at (310) 484-2322 for more information.



INDEPENDENTLY TESTED!*

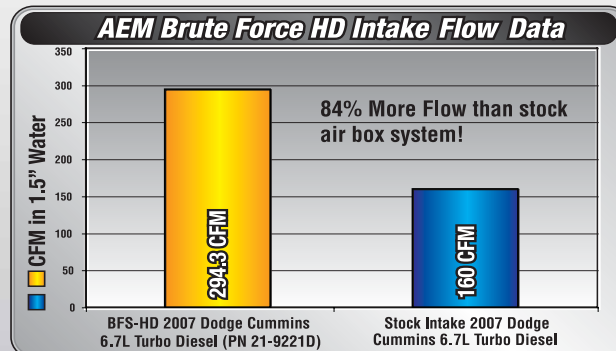
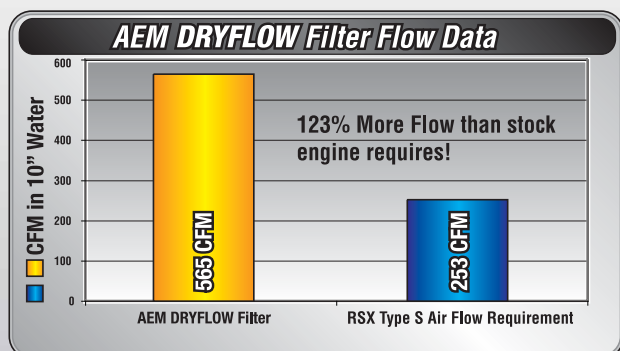
The BEST PERFORMANCE Air Filter Available.



FILTERS MORE DIRT THAN ALL COMPETITORS' FILTERS TESTED

Filtration efficiency equates to the amount of dirt that is being filtered away from your engine. For example, a filter with 99% efficiency filters out 99% of the dirt entering your intake. Compare the filtration efficiency of AEM's DRYFLOW to competitor dry and oiled cotton gauze filters. The numbers tell the story: AEM DRYFLOW gives you the best

initial (clean) and cumulative (end of test) filtration of any performance air filter we tested and filters out smaller particles (as small as one micron) to give you the best protection. Independently tested following ISO 5011:2000 performance filtration testing - air filters using A-2 Fine Test Dust.

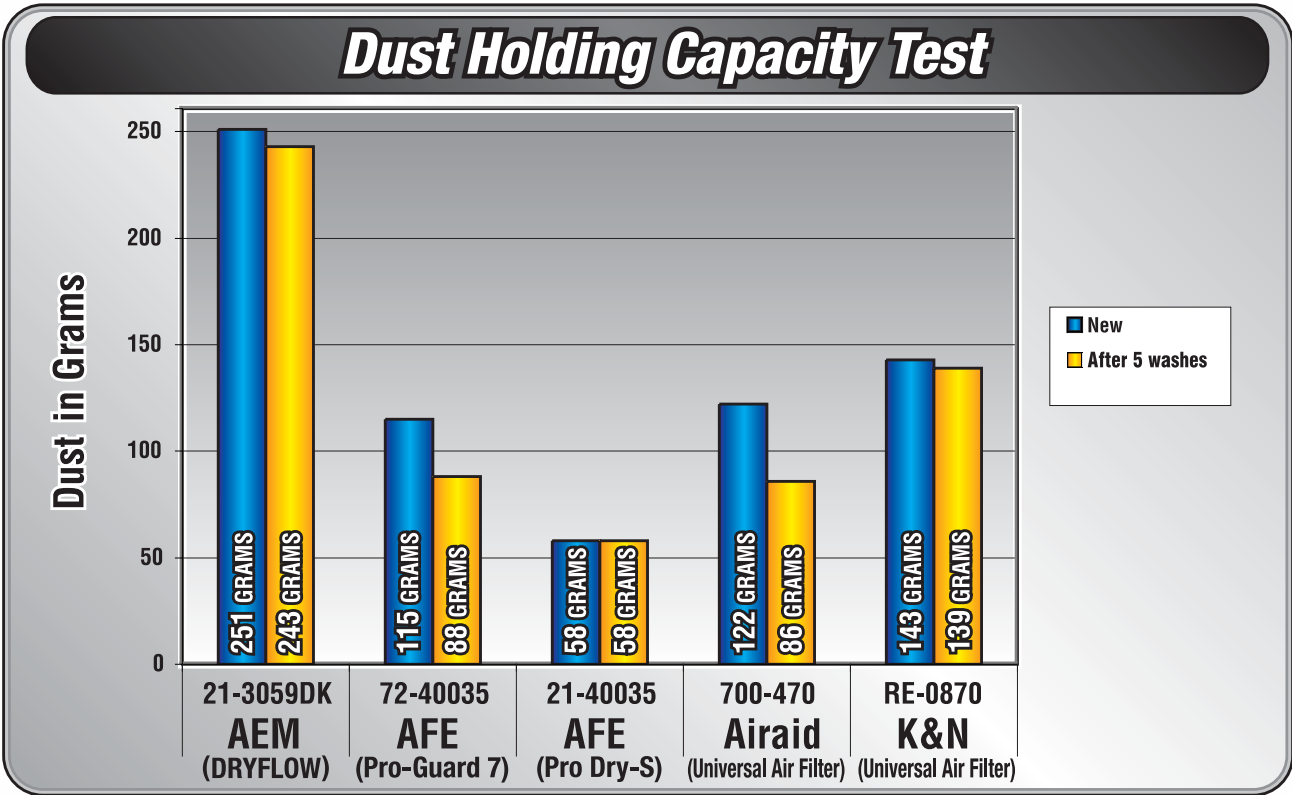


DELIVERS SIGNIFICANTLY MORE FLOW THAN ENGINES REQUIRE

AEM's approach to performance filtration is to achieve a balance between filtering efficiency and air flow. The result is maximum engine protection and performance. Our engineers design AEM air filters to significantly exceed the flow requirements of the engine for extended performance as the filter collects dirt.

Diesel engines require massive air flow. AEM has responded with a filter that dramatically exceeds that requirement without compromising filtering efficiency. For example, the AEM BFS-HD (PN 21-9221D) for the 2007 Dodge 6.7L Cummins Turbo Diesel exceeds the stock induction air flow by 84%.

* Independently tested by Southwest Research Institute

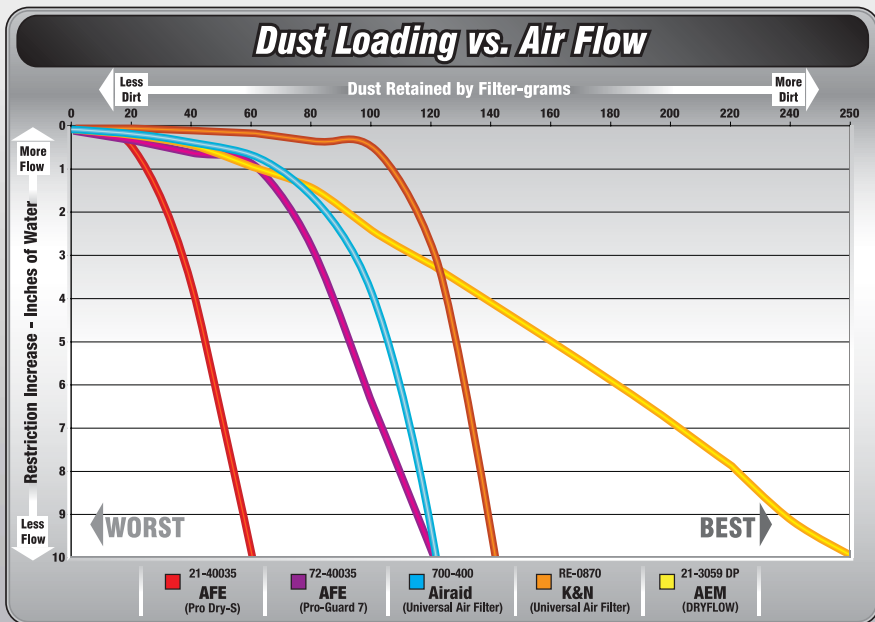


NO OTHER FILTER WE TESTED CAN TOUCH OUR DUST HOLDING CAPABILITIES

Dust holding is the amount of dust a filter is capable of holding (measured in grams) before the restriction from the dust on the filter affects its flow capabilities. The higher an air filter's dust holding capacity the longer it will deliver adequate flow for the engine before requiring cleaning. Compare the dust holding capacity of AEM's DRYFLOW to

similar competitor dry and oiled cotton gauze filters in new condition and after five cleaning cycles. Not only does the DRYFLOW hold over 75% more dust than the closest competitor, it maintains a high level of dust holding wash after wash.

The best filtration, the best dust holding & superior flow EQUALS UNMATCHED FILTER PERFORMANCE with LESS CLEANING!



- DRYFLOW holds more dirt and delivers the best air flow over the longest period of time when compared to the competitors we tested.
- Fewer cleanings means less down time.

Going further between cleanings means less down time and more time for you to enjoy your ride. Additionally, this means less time spent in the lower efficiency part of the graph. Note that all of the competitor's filters tested have much higher restrictions well before the AEM DRYFLOW filters do. **Simply put, they get dirtier faster.** Also demonstrated in this graph, is how the AEM DRYFLOW continues to flow with a much lower restriction for a longer period of time. That's because the DRYFLOW filter's higher dust holding capacity allows you to go longer before the flow falls off due to the restriction of the dirt captured in the media.

Lifetime Performance FILTRATION

- Simple to install; fits in the factory air box
- Lifetime reusable media—the only filter you will ever need
- Urethane body never degrades
- Wire mesh frame adds structural rigidity

11 part numbers cover over 800 vehicle applications!

DRYFLOW PERFORMANCE PANEL FILTERS REPLACE YOUR RESTRICTIVE FACTORY PAPER FILTER

AEM DRYFLOW panel filters are available for virtually any vehicle and allow users to replace their one-use, restrictive factory paper air filter with a LIFETIME reusable performance panel air filter.



MAKE	AEM #	YEAR	DESCRIPTION	K&N#*	AFE#*	AIRAID#*
CHEVY	28-20042DK	91-05	Chevy, GMC S-10 / Sonoma / 4.3L V-6	332042	30-10007	850-342
	28-20129DK	99-07	Chevy/GMC Silverado, Sierra, Sub, Tahoe/4.3L, 4.8L, 5.3L, 6.0L, 6.2L, 8.1L / 6.6L LLY-LB7 w-Panel	332129 and 332135	30-10004	850-135
DODGE	28-20056DK	94-02	Dodge Ram 2500, 3500 / Inline Six Cyl 5.9L Turbo Diesel	33-2056	30-10011	850-384
	28-20084DK	94-02	Dodge Ram 1500, 2500, 3500 PU / 5.2L, 5.9L V-8	332084	30-10070	850-384
	28-20247DK	02-07	Dodge, Ram, 3.7L, 4.7L, 5.7L, 5.9L V-8, 8.0L V-10	332247	30-10071	850-447
	28-20776DK	03-08	Dodge Ram 2500, 3500 / Inline Six Cyl 5.9L, 6.7L Turbo Diesel	E-0776	30-10102	850-357
FORD	28-20248DK	99-03	Ford F250 SD, F350 SD, F450 SD, F550 SD, Excursion 7.3 Turbo Diesel	332248	30-80006	850-338
	28-20287DK	04-06	Ford F150, F250HD, F350HD, Expedition, Navigator / 5.4L V-8	332287	10-10004	850-349
	28-20298DK	05-06	Ford Mustang, 4.0L V-6, 4.6L V-8	332298	30-10121	850-351
JEEP	28-20114DK	99-06	Jeep Wrangler, 4 & 6 Cylinder	332114	30-10012	850-114
TOYOTA	28-20144DK	00-06	Toyota Tundra, Sequoia 4.7L V-8 / 4 Runner, 3.4L V-6	332144	30-10053	850-144

* Competitors part numbers are used for reference only.

VISIT aempower.com AND USE THE "YOUR CAR" SEARCH FOR DRYFLOW PANEL APPLICATIONS!

HOW TO CLEAN YOUR AEM PANEL DRYFLOW AIR FILTER

Filter Cleaning Procedure

1. Remove the dirty filter from the car. Tap off all loose dirt and debris.
2. Spray AEM DRYFLOW Filter Cleaner or a mild multi purpose cleaner (example: Simple Green) on both sides of the filter element.
3. Rinse the filter element with cool or warm (not hot) tap water from the clean side out in order to flush the dirt out of the filter.
4. Repeat steps two and three until the water flowing through the filter media is completely clear of any dirt or debris.
5. Allow the filter to air dry. DO NOT HEAT OR PUT NEAR AN OPEN FLAME TO SPEED THE DRYING PROCESS. DO NOT APPLY ANY OIL TO THIS FILTER.
6. Re-install the filter on the intake system once it's completely dry.

* Be sure to place the "Do Not Oil/Do Not Discard" decal included with the AEM DRYFLOW filter in a highly visible location under the hood to prevent the filter from being thrown away or oiled during servicing. Log on to aempower.com for DRYFLOW panel applications!



Remove loose dirt



Spray cleaner on both sides



Rinse thoroughly and repeat cleaning process until filter rinses clear



Air dry completely and reinstall. DO NOT ADD OIL!

The **ULTIMATE** **PROTECTION**

FOR YOUR HIGH PERFORMANCE ENGINE.

14" ROUND DRYFLOW PERFORMANCE FILTERS

SUPERIOR FLOW & FILTRATION FOR CARBURETED
AND INJECTED ENGINES

AEM round DRYFLOW air filters are available in 14" diameters in 3", 4", 5" and 6" heights to fit virtually any application. Round DRYFLOW filters feature an integral nylon-reinforced cage for structural rigidity, and urethane bases that will never degrade.



14"x3" 27-10016DK

14"x4" 27-10017DK

14"x5" 27-10023DK

14"x6" 27-10018DK

DRYFLOW ROUND, PANEL PART NUMBERS AND COMPETITOR CROSS REFERENCE ON PAGE 10!

INCREDIBLE FILTER DURABILITY.

DRYFLOW FILTERS- YOU CAN SEE THE DIFFERENCE!

Hold a typical oil cotton-gauze filter up to a light, then do the same with an AEM filter. Less light passing through the filter means less dirt passing through the media. The lab reports show this scientifically, but you can see it with your own eyes.

DRYFLOW FILTERS- THEY CAN TAKE IT!

Not that you would ever do this to your filter, but with DRYFLOW you could. This demonstrates just how tough the DRYFLOW media really is. And with no co-pleated screen on the outside, there is no risk of filter damage during shipping, installation or cleaning. The DRYFLOW filters will retain their shape and performance even after the most severe abuse. That is why winning race teams continue to choose AEM DRYFLOW.



Co-Pleated oiled gauze



AEM DRYFLOW filter media



Incredible durability



DRYFLOW filter media bounces back to original shape

DRYFLOW CONICAL FILTERS



- NO OIL
- EASY TO CLEAN
- DURABLE

DIRECT-FIT REPLACEMENTS FOR COMPETITOR INTAKE SYSTEMS!

AEM has direct-fit conical replacement DRYFLOW air filters for popular competitor intake systems from K&N, AFE and more. These filters have been designed and tested as an upgrade for your existing non-AEM intake system and are guaranteed for life.

A cross reference chart for AEM conical and round DRYFLOW filters is below. If you do not see one for your vehicle, please visit aempower.com and click on the DRYFLOW replacement air filter link inside the DRYFLOW filters section for the cross-reference chart, or call AEM at (310) 484-2322 for more information.



DRYFLOW REPLACEMENT FILTERS ARE AVAILABLE FOR COMPETITOR INTAKES.

AEM DRYFLOW FILTER PART #	FILTER DESCRIPTION	K&N* FILTER PART #
27-10003DK	CONICAL	RF-1045
27-10007DK	CONICAL	RC-4680
27-10008DK	CONICAL	RC-4900
27-10009DK	CONICAL	RC-5046
27-10011DK	CONICAL	RF-1040
27-10013DK	CONICAL	RC-4780
27-10018DK	CONICAL	RF-1042
27-10019DK	CONICAL	RF-1041
27-10021DK	CONICAL	RF-1036
27-10016DK	14x3 Round	E-3743
27-10017DK	14x4 Round	E-3750
27-10023DK	14x5 Round	E-3760
27-10018DK	14x6 Round	E-3770

* Competitors part numbers are used for reference only.



MAXIMUM POWER AND TORQUE

BEST ENGINEERED INDUCTION SYSTEMS Available Since 1994!

50 STATE LEGAL INNOVATIONS Cold Air



Cold Air Intakes relocate the filter outside of the engine compartment to deliver the coolest air inlet temperatures possible, creating more horsepower and torque.

50 STATE LEGAL Short Ram



Underhood systems deliver unmatched performance, value and ease of installation.

50 STATE LEGAL INNOVATIONS V2



AEM's patented V2 intake is the most powerful intake system we've ever made!

50 STATE LEGAL OFFROAD USE ONLY INNOVATIONS Hybrid



Bolt-on intake systems for Hondas and Acuras with engine swaps.

50 STATE LEGAL Brute Force

* Except where designated "for off-road use only"



Delivers the maximum torque and power for trucks, SUVs and musclecars.

50 STATE LEGAL Brute Force HD

* Except where designated "for off-road use only"



The best combination of flow and filtration for your diesel rig.

AEM Electronics

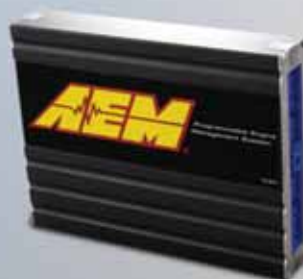
Digital Display Gauges

52mm digital gauges have interchangeable faces and bezels. Gauges can measure temp, pressure and air fuel ratio.



Plug & Play EMS

AEM EMS gives you 100% control of your engine's fuel and ignition requirements.



Fuel/Ignition Controller

Most powerful fuel and ignition piggy-back for late model vehicles





E n g i n e e r e d t o O u t p e r f o r m



aempower.com

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