



RACING FILTER CATALOG





WE LOVE RACING

When WIX® Filters began making its performance-driven products in 1939, the first Daytona race was still 20 years down the road.

In developing the WIX Racing line, WIX engineers have worked with more than 25 different racing teams. We have tested and proven our superior-crafted materials and designs in thousands of miles of actual race conditions.

WIX Racing oil and air filters are designed to cover a full range of racing series, including NASCAR Sprint Cup, Xfinity, Camping World Truck and ARCA, as well as dirt track, off-road and drag racing.

We also offer remote-mount oil filter bases and racing fuel filters.

HOW TO USE THIS CATALOG

First, determine what type of engine performance and protection you need. If increased engine torque and maximum horsepower are the objectives, then our lowest restriction pure racing media Advanced Performance (AP) oil and air filters are recommended. However, if endurance and better engine protection are needed, then use our High Efficiency Endurance (HEE) media oil and air filters.

CAUTION: NOT INTENDED FOR STREET USE

Racing performance parts are sold “as is” without any warranty. No implied warranty for fitness or merchantability is included. The buyer assumes all risks related to the use of this product. New vehicle and equipment warranties are voided when this product is used in competitive racing or on modified, high-performance engines. Not intended for street use. Installation on a street or highway-driven vehicle may be a violation of state or federal law.



ADVANCED PERFORMANCE OIL FILTERS

FOR USE ON CONCRETE OR ASPHALT TRACKS

Advanced Performance (AP) oil filters use a media that is rated at a Frazier airflow of approximately 267 CFM and wire-backed. The unique wire backing provides a very stable base for a media blend of fiberglass, polyester and cellulose. This media is resistant to the high temperatures and water levels in the oil that can plug standard media types. Our Advanced Performance media is designed to provide a high positive oil flow with low restriction.

ADVANCED PERFORMANCE OIL FILTER PART NUMBERS:

51268R
57003R
57007R
57015R
57008R



OIL FILTER FEATURES

- Heavy-walled can and cover to withstand the extreme burst pressures (up to 500 psi).
- High temperature nitrile baseplate gaskets withstand extremely high racing temperatures (up to 300° F).
- Zinc chromate-plated baseplate provides low surface friction and is corrosion-free.
- Spiral-wound center tube provides increased collapse pressure and enhanced flow pattern.
- Metal end caps provide element strength and prevent filtering bypass.
- Individually sealed to protect against contamination by environmental dust or dirt.



HIGH EFFICIENCY ENDURANCE OIL FILTERS

FOR USE ON DIRT, CLAY OR OFF-ROAD TRACKS

High Efficiency Endurance (HEE) oil filters use a media rated at a Frazier airflow of approximately 75 CFM. This media contains a higher resin content than our Advanced Performance oil filters to trap and hold smaller contaminants and provide higher efficiency.

Our HEE filters also include the same component features as the Advanced Performance filters: high burst pressure can, high temperature rubber components, zinc chromate baseplate, metal end caps and spiral center tubes.

HIGH EFFICIENCY ENDURANCE OIL FILTER PART NUMBERS:

**51060R
51061R
51069R
51222R
51515R
51794R**



OIL FILTER FEATURES

- Heavy-walled can and cover to withstand the extreme burst pressures (up to 500 psi).
- High temperature nitrile baseplate gaskets withstand extremely high racing temperatures (up to 300° F).
- Zinc chromate-plated baseplate provides low surface friction and is corrosion-free.
- Spiral-wound center tube provides increased collapse pressure and enhanced flow pattern.
- Metal end caps provide element strength and prevent filtering bypass.
- Individually sealed to protect against contamination by environmental dust or dirt.



ADVANCED PERFORMANCE AIR FILTERS

FOR USE ON CONCRETE OR ASPHALT TRACKS

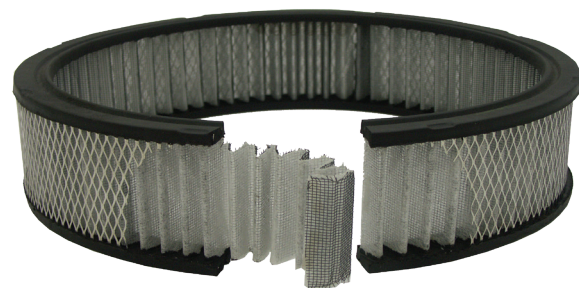
Advanced Performance air filters use our unique patented design (U.S. Patent 5873920). Our wire-backed gauze Reemay® media allows maximum airflow while minimizing restriction to boost horsepower. With a Frazier airflow of approximately 880 CFM, these filters have the lowest restriction of any racing filter available.

ADVANCED PERFORMANCE AIR FILTER PART NUMBERS:

46926R	46944R
46927R	46945R
46928R	46948R
46940R	46949R
46941R	46974R

AIR FILTER FEATURES

- High-performance media is designed to provide increased airflow.
- Wire mesh gauze media support contributes to rigid filter construction by ensuring consistently stable pleats at high airflow volumes.
- Outer screen of expanded metal protects the filter media and supports the filter assembly.
- Molded plastisol top and bottom ensure a positive seal between the filter and the air intake housing.
- Inner screen of epoxy-coated steel wire withstands corrosion and ensures stability of the filter element.





HIGH EFFICIENCY ENDURANCE AIR FILTERS

FOR USE ON DIRT, CLAY OR OFF-ROAD TRACKS

High Efficiency Endurance air filters use a media specifically developed to filter out harmful contaminants while providing low restriction. With a Frazier airflow of approximately 73 CFM, this is an ideal air filter for the late model, sportsman and modified racers who run primarily on dirt tracks.

Our High Efficiency Endurance air filters also share the same exclusive component features as the Advanced Performance air filters.

**HIGH EFFICIENCY
ENDURANCE
AIR FILTER
PART NUMBERS:**

**42096R
46946R**

AIR FILTER FEATURES

- High-performance media is designed to provide increased airflow.
- Outer screen of expanded metal protects the filter media and supports the filter assembly.
- Molded plastisol top and bottom ensure a positive seal between the filter and the air intake housing.
- Inner screen of epoxy-coated steel wire withstands corrosion and ensures stability of the filter element.





RACING FUEL FILTERS

Contaminated fuel will cause a big drop in engine performance and overall efficiency, resulting in lost power and excessive wear. Our high efficiency media resists water and removes solid particles as small as 7 microns (complete assembly: WF10429 with 24004 element).

**HIGH EFFICIENCY
FUEL FILTER
PART NUMBERS:**

**WF10429
24004
33900R
33306R**



WF10429



24004



33900R



33306R

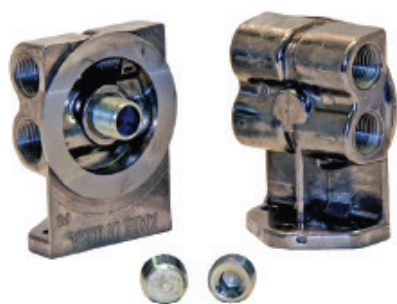
PART NUMBER	DESCRIPTION	DIMENSIONS	THREAD CONNECTIONS	MICRON RATING	MAX FLOW	MAX OPERATING PRESSURE
WF10429	Complete In-Line Filter Assembly	Length - 11" OD - 2-1/4"	3/4" Female Pipe	7	12 GPM	50 PSI
24004	Element for WF10429	Length - 7-15/16" OD - 1-11/16"	1/2" ID	7	12 GPM	50 PSI
33900R for Fram HPGC-1	Cartridge Element	Length - 2-1/2" OD - 2-3/4"	21/32" ID	5.9	90 GPH	150 PSI
33306R	Cartridge Element	Length - 4.03" OD - 1.969"	N/A	7	12 GPM	150 PSI



RACING MOUNTING BASES

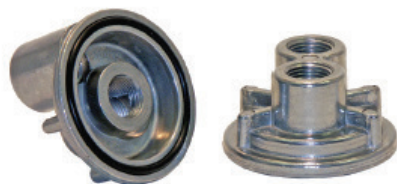
These cast aluminum adapters are designed for converting engine-mounted spin-on oil filters to a remote-mounted position.

These adapters feature double inlet and outlet and female-threaded horizontal ports for connecting the flexible oil lines. Two brass plugs are included for blocking off the unused ports. Mounting holes are provided in the castings for ease of installation.



BASE PART NUMBER	HT.	LT.	WT.	FILTER THREADS	OIL LINE THREADS
24764	2-1/2"	4"	3"	3/4-16	1/2" NPT
24766	2-1/2"	4"	3"	13/16-16	1/2" NPT

These are the engine block-off adapters for use on engines where remote filter mounting is required or preferred.



BASE PART NUMBER	HT.	OD	ENGINE BASE THREADS	OIL LINE THREADS
24730	1-1/2"	3-1/8"	3/4-16	1/2" NPT
24734	1-1/2"	3-1/8"	13/16-16	1/2" NPT
24738	1-3/4"	4"	13/16-16	1/2" NPT

OIL FILTER BASES

BASE PART NUMBER	FILTER NUMBER	THREAD SIZE	FILTER HEIGHT	MEDIA TYPE	FLOW RATE GPM	BYPASS VALVE SETTING	ANTI-DRAIN BACK VALVE
24764	51515R	3/4-16	5.17	HEE	28	YES	YES*
24766	51060R	13/16-16	5.17	HEE	28	NONE	YES*
24766	51061R	13/16-16	5.17	HEE	28	NONE	NO
24766	51069R	13/16-16	4.33	HEE	28	NONE	NO
24766	51794R	13/16-16	7.82	HEE	28	NONE	NO

*The bypass valve is a differential pressure relief valve that will provide sufficient oil flow should the media become plugged.



RACING OIL AND AIR FILTER SPECS

OIL FILTERS

FILTER NUMBER	THREAD SIZE	FILTER HEIGHT	FILTER OD	MEDIA TYPE	FLOW RATE GPM	BYPASS VALVE SETTING	ANTI-DRAIN BACK VALVE
51060R	13/16-16	5.17	3.6	HEE	28	NONE	YES*
51061R	13/16-16	5.17	3.6	HEE	28	NONE	NO
51069R	13/16-16	4.33	3.6	HEE	28	NONE	NO
51222R	1-1/2-12	6.21	4.6	HEE	28	18-22 PSI	NO
51268R	1-1/8-16	5.21	3.6	AP	30	NONE	NO
51515R	3/4-16	5.17	3.6	HEE	28	8-11 PSI	YES*
51794R	13/16-16	7.82	3.6	HEE	28	NONE	NO
57003R	1-1/2-12	6.21	4.6	AP	30	8-11 PSI	NO
57007R	1-1/2-16	5.9	4.2	AP	30	8-11 PSI	NO
57008R	NONE	4.03	1.969	AP	30	NONE	NO
57015R	NONE	6.4211	2.3	AP	30	NONE	NO

*The bypass valve is a differential pressure relief valve that will provide sufficient oil flow should the media become plugged.

AIR FILTERS

FILTER NUMBER	FILTER HEIGHT	FILTER OD	FILTER ID	MEDIA TYPE	FLOW CPM
42096R	4.05	13.875	11.625	HEE	600+
46926R	3.25	14.0	12.250	AP	1,000+
46927R	3.75	14.0	12.250	AP	1,000+
46928R	3.25	16.0	13.750	AP	1,000+
46940R	4.01	16.0	13.750	AP	1,000+
46941R	3.76	16.0	13.750	AP	1,000+
46944R	4.01	14.0	12.250	AP	1,000+
46945R	3.01	14.0	12.250	AP	1,000+
46946R	4.01	14.0	12.250	HEE	600+
46948R	3.51	14.0	12.250	AP	1,000+
46949R	3.51	16.0	12.250	AP	1,000+
46974R	3.01	16.0	13.750	AP	1,000+

Approved for Craftsman Truck Series.



STOCK OEM LOCATION AND APPLICATION

CHRYSLER CORPORATION ENGINES

ENGINE TYPE	ENGINE MODEL	PART NUMBER
6-Cylinder	ALL	51515R
Small Block V-8 ¹	ALL	51515R
Big Block V-8 ²	ALL	51515R

1. 273, 300, 318, 340 and 360
2. 383, 400, 426 and 440

FORD MOTOR COMPANY ENGINES

ENGINE TYPE	ENGINE MODEL	PART NUMBER
4-Cylinder ¹	ALL	51515R
V-6 ²	ALL	51515R
6-Cylinder	ALL	51515R
Small Block V-8 ³	ALL	51515R
Big Block V-8 ⁴	ALL	51515R

1. 140 2.3L
2. 232 3.8L
3. 302 5.0L, 221, 255, 260, 289, 292, 302 and 351C, W or M
4. 352, 390, 400, 406, 427, 428, 429, 430 and 460

GENERAL MOTORS/CHEVROLET ENGINES

ENGINE TYPE	ENGINE HT.	PART NUMBER
6-Cylinder	4-1/2"	51069R
6-Cylinder	5-1/2"	51060R*
6-Cylinder	5-1/2"	51061R
6-Cylinder	7-3/4"	51794R
Small Block V-8 ¹	4-1/2"	51069R
Small Block V-8 ¹	5-1/2"	51060R*
Small Block V-8 ¹	5-1/2"	51061R
Small Block V-8 ¹	7-3/4"	51794R
Big Block V-8 ²	4-1/2"	51069R
Big Block V-8 ²	5-1/2"	51060R*
Big Block V-8 ²	5-1/2"	51061R
Big Block V-8 ²	7-3/4"	51794R

1. 262, 267, 302, 305, 307, 327 and 350
2. 396, 400, 402, 427 and 454

*With anti-drain back valve.



CROSS-REFERENCE

AC DELCO

COMPETITOR PART NUMBER	WIX PART NUMBER
A348C	42098
A697C	42096R
A2007C	46940R
PF2	51515R*
PF25	51069R
PF35	51061R
PF897	51268R
PF932	51794R

FRAM

COMPETITOR PART NUMBER	WIX PART NUMBER
HP1	51515R*
HP4	51060R
HP6	51222R / 57003R
HPGC1	33900R
HPK4	24738

K&N

COMPETITOR PART NUMBER	WIX PART NUMBER
E1690	42096R
07-0008	51515R*
07-0025	51069R
07-0029	51060R

MOROSO

COMPETITOR PART NUMBER	WIX PART NUMBER
22459	51069R
22460	51061R
22461	51794R
22465	51222R
22470	51515R

MOTORCRAFT

COMPETITOR PART NUMBER	WIX PART NUMBER
FL1HP	51515R*
FL897	57007R

STP

COMPETITOR PART NUMBER	WIX PART NUMBER
STP 43RP	57007R*
STP 16X4	46940R

PUROLATOR

COMPETITOR PART NUMBER	WIX PART NUMBER
288	57007R*

*WIX has bypass valve.

For reference purposes only. Competitors' products are not equivalent to WIX's products. See page 8 for specifications.



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