



### WE ARE FUEL DELIVERY



TH

Aeromotive Inc. is a true high performance manufacturer specializing in fuel delivery and fuel delivery components. Combining three generations of racing experience with ground-breaking innovation and aerospace manufacturing standards, Aeromotive delivers performance and quality that is second to none.

*TEROMOTIVE* 

est. 1994

#### 2018 SEMA MANUFACTURER OF THE YEAR

Aeromotive has created a line of fuel system products that have become the absolute pinnacle of performance fuel delivery.

Committed to Engineering the Next Generation of Fuel Delivery Solutions SEMA MANUFACTURER OF THE YEAR Aeromotive Inc. For exemplary business practices, innovative products, outstanding service and workforce exectlence. November 1, 2018 SPECIALTY EQUIPMENT MARKET ASSOCIATION

Aeromotive is committed to providing the finest technical support in the industry. To speak with one of their highly qualified technicians.



#### 02 New Products 06 Fuel Pumps • A750 07 • Stealth 340 Series 80 10 - Phantom Series - Gen II Stealth Tanks 14 • A1000 16 Eliminator 18 20 ProSeries • Brushless Gear Pumps 21 Carbureted T-Style Pumps 22 24 Mechanical Pumps • Spur Gear 24 • Gerotor 26 28 Diesel **30** Fuel Pressure Regulators Fuel Injection 30 Carbureted 34 40 Fuel Filters 43 Fuel Rails **46** Accessories 54 Power Planner Diagrams

### NEW PRODUCT





Features Jet Siphon Technology To Pick Up Fuel From The Corner Of The Tank Or Saddle Bag

#### Phantom 340 Apex Kit - #18704

| EFI                | Naturally Aspirated | Forced Induction    |
|--------------------|---------------------|---------------------|
| GAS                | 725hp               | 595hp               |
| E85                | 505hp               | 415hp               |
| Phantom 450 Apex I |                     | (it - <b>#18705</b> |
| EFI                | Naturally Aspirated | Forced Induction    |
| GAS                | 975hp               | 700hp               |

660hp E85 485hp

#### Jet Siphon Only Kit - #18706

See more information on page 10



### **BLADDER BAFFLES**

**Optional Valves Eliminate Fuel Starvation** in Extreme Applications. Phantom 200 & 340 includes 4 valves Phantom 450 & Dual includes 5 valves Trifekta Phantom includes 10 valves

Valves, Gasket Valves & Gasket & Bladder #18040 #18020 #18021 #18041 #18042 #18022



TRIFEKTA

PHANTOM SERIES

#### Part Number #18311

- Triple 450lph Fuel Pumps
- Larger 6in Billet Cap : Drill 4.5in hole
- ORB-08 Outlet, Vent & Return Ports
- Three Sets of Electrical Terminals Main Pump : Auxiliary Pumps : Fuel Level Sending Unit

| Naturally Aspirated |      |         | Forced Induction |
|---------------------|------|---------|------------------|
| GAS                 | EFI  | 3,300hp | 2,400hp          |
| GAS                 | Carb | 3,900hp | 2,850hp          |
| E85                 | EFI  | 2,250hp | 1,650hp          |
|                     | Carb | 2,700hp | 2,100hp          |

See more information on page 10



- Fuel Pump, baffle and fuel level sending unit

- Available for Popular Muscle Cars

### **UTILIZES OEM** FUEL OUTLET





For more information and a complete list of applications, see page 14

# FOX BODY340

Part Number #18638 | 1986 - 1997 Ford Mustang

Billet and stainless fuel pump hanger and high flow 340 stealth pump assembly that provides a high-flow, high horsepower fuel pump installation for stock 86-97 Mustang fuel tanks, eliminating both fuel starvation and return aeration common to the factory Mustang hanger.

| LT <b>#1870</b><br>motive Fuel C |    |
|----------------------------------|----|
| ON #187                          | AF |

WARNING : This product can expose you to chemicals, ind cause cancer or birth defects or other reproductive harm.





#### PLUG+PLAY NO ASSEMBLY REQUIRED







### NEW PRODUCT

## BRUSHLESS FUEL PUMP SERIES

- EXTENDED LIFE
- HIGHER EFFICIENCY
- LOWER CURRENT DRAW
- LESS HEAT

After years of research and development, Aeromotive created four new brushless pumps – the Brushless A1000, the Brushless Eliminator, the 3.5gpm and the 5.0gpm Gear Pumps. The company's new brushless technology creates less heat, draws less power and eliminates the potential for wear – ideal for dual purpose applications requiring a continuous duty fuel pump.

**NEW TRUE VARIABLE SPEED** - Aeromotive's line of brushless pumps are available with two different built-in controllers: The Standard Configuration of Aeromotive's Brushless Controllers, which provides continuous full-speed operation, and the New True Variable Speed Controller (TVS), which offers the advantage of pump speed control via a 0-5V analog DC input signal. The TVS controller capitalizes on our existing brushless technology by reducing fuel flow during low-demand, decreasing an already low current draw, and, therefore, minimizing the introduction of heat even further.

SIGNATURE

ROUND CLAMPS INCLUDED

5.0 50 4 1000

Upgrade your existing Brushless pump with part #18047 True Variable Speed Controller. {AVAILABLE JULY 2019}



The Brushless A1000 and Eliminator feature the same legendary roller vane pumping mechanisms that have been trusted for decades, now simply offered with the latest in electric motor technology.

{ TRUE VARIABLE SPEED AVAILABLE JULY 2019 }

| 100 C                             |       | .ess—<br><b>70</b> —                   | TRUE<br>VARIABLE<br>SPEED | Elir                                   | <sub>rusн</sub> |                                |
|-----------------------------------|-------|--|---------------------------|--|-----------------|--------------------------------|
| EXTER<br>ROUNE<br>SIGNAT          | )     | STANDARI<br>#11124<br>#11183           | #11189                    | EXTER<br>ROUNE<br>SIGNAT               | )               | stand.<br>#111<br>#111         |
| IN-TAN<br>10"DRC<br>UNIVER        | DP-IN | standari<br>#18023<br>#18368           | #18043                    | IN-TAN<br>10"DRC<br>UNIVER             | OP-IN           | stand,<br>#180<br>#183         |
| FUEL (<br>6 GAI<br>15 GA<br>20 GA | LON   | STANDARI<br>#18360<br>#18360<br>#18361 | 5 #18386<br>0 #18380      | <b>FUEL</b><br>6 GAI<br>15 GA<br>20 GA | LLON<br>LLON    | stand.<br>#183<br>#183<br>#183 |
| GAS<br>EFI<br>CARB                | 1,3   | 1A<br>00hp<br>00hp                     | Fl<br>1,000hp<br>1,200hp  | GAS<br>EFI<br>CARB                     | 1,90            | IA<br>00hp<br>00hp             |
| E85<br>EFI<br>CARB                |       | 0hp<br>50hp                            | F<br>700hp<br>840hp       | E85<br>EFI<br>CARB                     | 1,33            | IA<br>30hp<br>10hp             |

The real highlight of this new series is the Brushless Gear Pumps. Aeromotive took what they learned from their mechanical spur gear pumps, and engineered it to work in a compact flow thru design. This creates a fuel pump that is able to move more fuel at pressures up to 150 psi, without a significant drop in flow resulting in the highest flowing electric fuel pump in the aftermarket.

| 3.5   |                                       | TRUE<br>VARIABLE<br>SPEED | 5.                             |                          | TRUE<br>VARIABLE<br>SPEED |
|---|---------------------------------------|---------------------------|--------------------------------|--------------------------|---------------------------|
| EXTER<br>ROUNE<br>SIGNAT                    | #1118                                 | 1 #11191                  | EXTER<br>ROUNE<br>SIGNAT       | <b>#1118</b>             | 82 #11192                 |
| IN-TAN<br>10"DRC<br>UNIVER                  | DP-IN #1802                           | 5 #18045                  | IN-TAR<br>10"DRC<br>UNIVER     | OP-IN #1802              | 6 #18046                  |
| FUEL (<br>6 GAI<br>15 GAI<br>20 GAI         | LON <b>#1837</b><br>LLON <b>#1837</b> | 6 #18396<br>0 #18390      | FUEL<br>6 GA<br>15 GA<br>20 GA | LLON #1837<br>LLON #1837 | 7 #18397<br>2 #18392      |
| GAS   | NA<br>2,400hp                         | Fl<br>1,800hp             | GAS                            | NA<br>3,400hp            | Fl<br>2,600hp             |
| CARB<br>E85                                 | 2,600hp                               | 2,000hp                   | CARB<br>E85                    | 3,600hp<br>NA            | 2,700hp                   |
| EFI<br>CARB                                 | 1,680hp<br>1,820hp                    | 1,260hp<br>1,400hp        | EFI<br>CARB                    | 2,380hp<br>2,520hp       | 1,820hp<br>1,890hp        |
| { TRUE VARIABLE SPEED AVAILABLE JULY 2019 } |                                       |                           |                                |                          |                           |

A WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

MARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm

#### NEW PRODUCT

#### COMPLETE FUEL CELL



FI 980hp 1,190hp



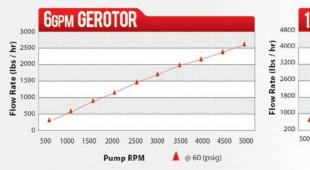


5.0 BRUSHLESS Fuel Systems

> IN-TANK FUEL CELL MODULE

# **FLOW CURVES**

Performance, reliability, and durability are designed into every performance fuel pump that carries the AEROMOTIVE name. And, rest assured, EVERY pump is tested for flow at a prescribed pressure, current draw, and leakage. Once the pumps pass our test, then and only then do they get date-stamped and packaged, ready to guench the thirst of some of the hungriest beasts that roam our planet.



STEALTH 340

40 50

Pressure (psig)

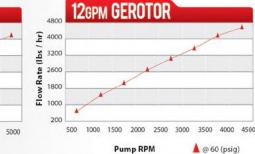
70

70

80

80

60



PHANTOM FLEX

40 50

40 50

5.0 BRUSHLESS

Pressure (psig)

Pressure (psig)

30

**FI IMINATOR** 

E 1000

400

600

1,200

20 30

20 30

20

12 Volts

13.5 Volts

70

60

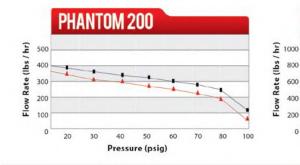
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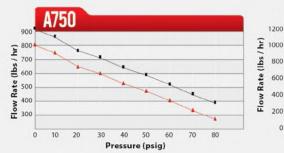
60 70

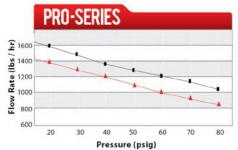
70 80

80

80 100





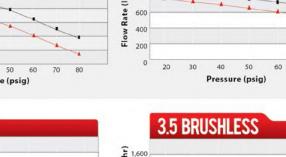


10

Pressure (psig)

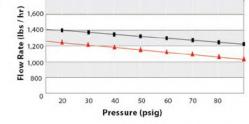
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SS SERIES

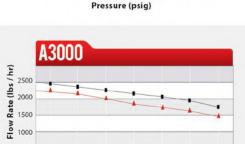


400

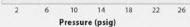
A1000







40 50



A750

Compact, quiet and durable, these billet, in-line pumps are ideal for low to medium HP applications. Perfect for street rods and muscle cars, fuel injected or carbureted.

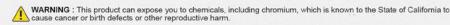
- ORB-08 inlet ports and ORB-06 outlet ports.
- EFI applications use regulator #13129 or #13109.
- Carb applications use regulator #13204 or #13304.
- Fully submersible for custom, in-tank placement.

#### **BLACK #11103 RED #11106 PLATINUM #11156**



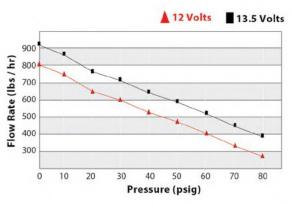
#### A750 SYSTEMS

Include: Filters, regulator, port fittings, hose, hose-ends, wiring and installation hardware.



WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm

200



#### GAS Forced Inductio Naturally Aspirated 800hp 600hp **Fuel Injected** Carbureted 1,000hp 800hp

| E85           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 560hp               | 420hp            |
| Carbureted    | 700hp               | 560hp            |

#### #17135 : EFI System with Black #11103 & #13109 Regulator #17136 : EFI System with Red #11106 & #13109 Regulator

### STEALTH 325 #11565



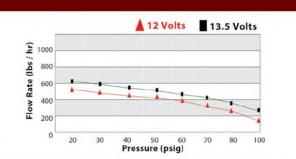
- Flows 325 lph @ 40 psi
- Internal check valve
- · Quiet, durable and reliable turbine impeller
- Designed for in-tank use only

· Can be used in pulse width modulation

## **STEALTH 340**

The Aeromotive Stealth Fuel Pumps are high-output, in-tank, electric fuel pumps perfect for both fuel injected and carbureted applications. Not only do these pumps bolt into many existing hanger assemblies but they also serve as the basis for many Aeromotive Stealth products.

- Fully E85 compatible
- Multiple inlet configurations
- Includes universal filter sock & pigtail
- Designed for in-tank use only
- Can be used in Carbureted or EFI applications
- Whisper guiet operation
- Turbine pump mechanism increases durability and can be used in pulse width modulated applications



| GAS           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 850hp               | 700hp            |
| Carbureted    | 1,000hp             | 850hp            |

Mazda

Subaru

BRZ 2013+

Toyota

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MazdaSpeed3 2007-2012

MazdaSpeed6 2006-2007

Mitsubishi EVO X 08-14

Pontiac GTO 2004-2006

Nissan R35 GTR 08-14 (x2) #11565

MX5 2006-2013

Scion FR-S 2013+

Legacy GT 2005-2009 WRX/STi 2008-2012

Celica 2000-2005 MR2 Spyder 2000-2005

Corolla 2003-2004

Matrix 2003-2004

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| E85           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 595hp               | 490hp            |
| Carbureted    | 700hp               | 595hp            |



**Fuel Injected Engines** 

Acura RSX 2002-2006

F150/F250 1997-2004

Mustang 1999-2004

Focus RS I5 Turbo 09-10

Honda Civic 2006-2013

Honda Civic 2001-2005

Lotus Elise 2004+

Lotus Exige 2004+

Ford

• up to 800 HP - naturally aspirated

• up to 700 HP - forced air induction

F150 Harley-Davidson 02-03 #11565

Mustang (exc. GT500) 05-10 #11565

Holden Commodore 07-13 #11565

## **340 CELLS**

- Features (x1) ORB-08 outlet and (x1) AN-08 return Includes (x2) AN-08 vents with rollover valves
  15g and 20g include 0-90 Ohm fuel level sending unit
- Standard 12-bolt locking filler cap
- 6gal dimensions: 12"w x 12"l x 10"h 15gal dimensions: 18"w x 20"l x 10"h • 20gal dimensions: 20"w x 24"l x 10"h

6 GALLON #18659 15 GALLON #18664 20 GALLON #18665



### **STEALTH 340 APPLICATION** GUIDE

Acura Integra 1994-2001 NSX 1991-2000 RSX 2002-current

Stealth T/T 1991-1997

Chrysler/Dodge/Plymouth FWD 1984-1990 340

Eagle Talon 1995-1998 Turbo

Eagle Talon1990-1994 AWD

Eagle Talon 1990-1994 FWD

Laser 1990-1994 AWD Turbo

Laser 1990-1994 FWD Turbo

Mustang Cobra 1996-1997

Crown Vic/Marauder 03-04

Lightning 99-00 (requires two) F150 1997-1998

Probe GT 1988-1992

Probe GT 1993-1997

Laser 95-98 Turbo AWD & FWD

Mustang 1985-1997 (except Cobra)

| #11542 |  |
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| #11542 |  |

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|--|--|
| Honda<br>Accord 1990-1993<br>Accord 1994-1997<br>Accord 1998-2002<br>Civic1992-2000<br>CRX 1989-1991<br>Prelude 1992-1996<br>Prelude 1997-2001 | #11541<br>#11542<br>#11542<br>#11542<br>#11541<br>#11541<br>#11542                               |
| <b>Hyunda</b> i<br>Tiburon 97-01   | #11542   |
| RX7 1986-1988  | #11542<br>#11542<br>#11541<br>#11542<br>#11541<br>#11542<br>#11541<br>#11541<br>#11541<br>#11541 |
| <b>Mitsubishi</b><br>3000GT TT 91-97<br>Eclipse 95-98 Turbo<br>Eclipse 90-94 AWD<br>Eclipse 90-94 FWD<br>Galant 1985-1990                      | #11541<br>#11542<br>#11541<br>#11542<br>#11542<br>#11542   |
| *EVO 8/9 2003-2007<br>- Factory basket assemble replaced before co<br>to a 340 Stealth Pump  | bly MUST<br>nverting<br>b.   |

#### General Motors

F150 1999-2004

Ford

| General Motors                        |        |  |
|---------------------------------------|--------|--|
| Grand National / Regal 1982-1987      | #11569 |  |
| Camaro 5.0L & 5.7L 1985-1992          | #11569 |  |
| Corvette 5.0L & 5.7L 82-1996          | #11569 |  |
| GM Cars & Trucks 1985-1992            | #11569 |  |
| 305 (5.0L) & 350 (5.7L) 87-97         | #11569 |  |
| S10, S15, Sonoma, Blazer, Envoy 82-95 | #11569 |  |
| Firebird 5.0L & 5.7L 1985-1992        | #11569 |  |
| Fiero 2.8L 1985-1986                  | #11569 |  |
| Cyclone 1991-1992                     | #11569 |  |
| Typhoon 1992-1993                     | #11569 |  |
| Saturn SC, SL, SW 1997-2002           | #11542 |  |
|                                       |        |  |

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#### Install a Stealth 340 inside virtually any tank Universal In-Tank Fuel Delivery see page 10

#### **High Performance Classic Muscle Car Tanks** see page 14



#### Weather Pack Plug

-Note: If converting to E85, factory

basket assembly MUST be modified

| , | Cherokee 97-01<br>Grand Cherokee 97-98  |
|---|---|
|   | Lexus<br>GS300 1993-2000<br>GS400 1992-2000<br>SC300 1992-2000<br>SC400 1992-2000 |
|   | Nissan  |

Jeep

Wrangler 91-97 Wrangler 97-04

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| Nissan            |        |
|-------------------|--------|
| D21 Pick Up 86-95 | #11542 |
| 200SX 1995-1998   | #11542 |
| 200SX SE-R 95-98  | #11542 |
| 240SX 1989-1994   | #11541 |
| 240SX 1995-1998   | #11541 |
| 300ZX 1990-1996   | #11542 |
| NX1600 91-94      | #11541 |
| NX2000 91-94      | #11541 |
| Sentra 1991-1994  | #11541 |
| Sentra1998-1999   | #11542 |
| Sentra SE 98-99   | #11542 |
| Sentra SE-R 91-94 | #11541 |
| Maxima 84-94      | #11541 |
| Maxima 1998       | #11541 |
| Altima 1993-1995  | #11541 |
| Altima1996-2001   | #11542 |
| Culture           |        |

#### Subaru Impreza WRX 98-99

| mpreza WRX 98-99     | #11541 |
|----------------------|--------|
| mpreza 2002-2006     | #11542 |
| mpreza WRX/STi 04-07 | #11542 |
|                      |        |

#### Tovota

| MR2 1991-1996          | #11541 |
|------------------------|--------|
| Supra 1984-1992        | #11541 |
| Supra 1994-1998        | #11542 |
| Supra Turbo 84-92      | #11541 |
| Supra Turbo 94-98      | #11541 |
| T100 1993-1998         | #11542 |
| Tacoma 1995-2001       | #11542 |
| Celica 1985-1989       | #11541 |
| Celica 90-93 Turbo AWD | #11541 |
| Celica 90-93 ST & GT   | #11541 |
| Corolla 1985-1992      | #11541 |



#### PATENT NO. 8,783,287



The hottest trend in hot rods and muscle cars today is late model EFI engine swaps and aftermarket EFI systems. It's no secret why; you can make ridiculous power and do it more affordably than ever. What makes these conversions so popular is the ample supply of parts and kits from the aftermarket. Until now, the fuel system has been a costly and time consuming upgrade.

Well...Aeromotive has completely changed the game again. The Phantom Fuel System is a complete kit that gives you everything you need to install a fuel pump and baffle / basket into almost ANY fuel tank. You get an in-tank pump capable of handling serious power even at EFI pressures, a black anodized hanger assembly, and an internal baffle to control fuel slosh and keep the fuel pump submerged. The best part: this entire system is modular. It can be cut to height to fit almost any tank including your stock tank, even tanks as shallow as 6" deep.

- Install an electric fuel pump in any tank
- Sump & baffle combat fuel slosh
- Billet top hat with o-ring boss ports
- Whisper quiet operation
- Excess fuel returns to sump
- Height is adjustable for perfect fit
- Minimizes hot fuel handling issues
- Options for almost any application



Drill 3.25in hole in the deepest spot of the tank



Cut foam 1in TALLER than tank depth



Cut hanger 1 in SHORTER than tank depth





Use installation ring to locate mount holes,



Insert foam inside the tank



Install c-ring, pump, and tighten down



#### All Kits Include:

- Billet Top Hat with ORB-06 ports
- Foam Baffle & Bladder
- Proprietary Sealing Gasket
- Installation Ring
- High Flow Pre-Pump Filter
- Billet C-Ring Mount
- Height Adjustable Mount 6-11in (12-20in extension kits available)

#### РНАПТО**М 200**

200LPH Fuel Pump | Part Number #18689

|          | Naturally Aspirated   | Forced Induction     |     | Natur | ally Aspirated | Forced Induction |
|----------|-----------------------|----------------------|-----|-------|----------------|------------------|
| EFI      | 600hp                 | 450hp                | GAS | EFI   | 850hp          | 700hp            |
| Carb     | 750hp                 | 600hp                | UAS | Carb  | 1,000hp        | 850hp            |
|          |                       |                      | FOF | EFI   | 595hp          | 490hp            |
| 12"- 20" | Extension Kit Phantor | n 200 & 340 - #18788 | E85 | Carb  | 700hp          | 595hp            |



Return Style - EFI OEM Rail (3/8" Quick Connect) Return Style - EFI Dual Rail (Y-Block) **Return Style - Carbureted** Return Style - EFI Conversion / Throttle Body Returnless - EFI Conversion / Throttle Body



Features an internal valve to set line pressure and eliminate the need for a return line.

EFI Returnless Phantom #18329 - Features 340lph Fuel Pump - Line Pressure set to 60psi 60psi Valve Only #18703

**CARB Returnless Phantom #18201** - Features 325lph Fuel Pump - Line Pressure set to 15psi 15psi Valve Only #18702



#### PHANTOM **340** 340LPH Fuel Pump | Part Number #18688

#### **NEED MORE PERFORMANCE?** We Have The Perfect Phantom For You >

#### **COMPLETE SYSTEMS** These systems include the following:

- Phantom Fuel System Premium Wiring Kit
- Regulator & Gauge
- Fuel Filter
- Appropriate Fittings

Phantom 340

#17166

#17164

#17254

#17168

#17170

- Filter Bracket

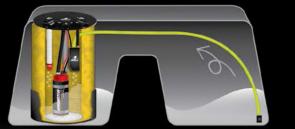
| Phantom 200 |  |
|-------------|--|
| #17167      |  |
| #17165      |  |
| #17255      |  |
| #17169      |  |

#### #1717



The Apex Phantom utilizes jet siphon technology to provide a constant supply of fuel to the bladder, allowing the Phantom to thrive in extreme applications like road racing and rock crawling. Another benefit of the jet siphon technology: the Phantom can now be installed in late-model saddle-bag style gas tanks.

**Features Jet Siphon** Technology To Pick Up Fuel From The Corner Of The Tank Or Saddle Bag





#### **Unique Patent Pending Design Constantly Maintains** Siphon Action Even When Air Is Introduced

Magnetic Tip Keeps Pickup In Desired Location



| Phantom 340 Apex Kit - <b>#18704</b> |                     |                  |  |  |
|--------------------------------------|---------------------|------------------|--|--|
| EFI                                  | Naturally Aspirated | Forced Induction |  |  |
| GAS                                  | 725hp               | 595hp            |  |  |
| E85                                  | 505hp               | 415hp            |  |  |

| Phan | tom Flex Apex       | Kit - | #18705      |
|------|---------------------|-------|-------------|
| EFI  | Naturally Aspirated | Force | d Induction |

| GAS | 975hp | 700hp |
|-----|-------|-------|
| E85 | 660hp | 485hp |

#### Jet Siphon Only Kit - #18706

For Use In Fuel Injected Applications Only





Valves & Gasket #18020 #18021 #18022



|     | a Larg |                |                  |
|-----|--------|----------------|------------------|
|     | Natur  | ally Aspirated | Forced Induction |
| CAS | EFI    | 1,100hp        | 800hp            |
| GAS | Carb   | 1,300hp        | 950hp            |
| E85 | EFI    | 750hp          | 550hp            |
|     | -      |                |                  |



| 1   | Naturally Aspirated           |         | Forced Induction |
|-----|-------------------------------|---------|------------------|
| CAS | EFI                           | 1,700hp | 1,400hp          |
| GAS | Carb                          | 2,000hp | 1,700hp          |
|     | EFI                           | 1,190hp | 980hp            |
| E85 | EFI<br>Carb                   | 1,400hp | 1,190hp          |
|     | 12"- 20" Extension Kit #18709 |         |                  |



| Naturally Aspirated |      |         | Forced Induction |
|---------------------|------|---------|------------------|
| GAS                 | EFI  | 3,300hp | 2,400hp          |
| GAS                 | Carb | 3,900hp | 2,850hp          |
| -                   | EFI  | 2,250hp | 1,650hp          |
| E85                 | Carb | 2,700hp | 2,100hp          |

### WHILE THEY WERE BUSY IMITATING OUR DESIGN, WE WERE INNOVATING THE NEXT GENERATION



(23)







Convenient to plumb and mounts flush under your car

#### IT'S WHAT'S INSIDE THAT COUNTS

Everything you need for reliable fuel delivery mounted inside.

- Fuel Pump, baffle and fuel level sending unit installed and plumbed to a billet end cap in the factory outlet location
- Available in 2001ph or 3401ph Pumps
- Compatible with Carb or EFI applications

### 200LPH

|      | Naturally Aspirated | Forced Induction |
|------|---------------------|------------------|
| EFI  | 600hp               | 450hp            |
| Carb | 750hp               | 600hp            |

### 340LPH

| Naturally Aspirated |      |         | Forced Induction |
|---------------------|------|---------|------------------|
| GAS                 | EFI  | 850hp   | 700hp            |
| GAS                 | Carb | 1,000hp | 850hp            |
|                     | EFI  | 595hp   | 490hp            |
| E85                 | Carb | 700hp   | 595hp            |

Aeromotive's Patented

Phantom Baffle System keeps the fuel pump submerged in fuel at all times.

| APPLICATIONS   | 200lph         | 340LPH | ı   |
|--|----------------|--------|---|
| 64-68 Mustang  | 18197          | 18497  |   |
| 69-70 Mustang  | 18147          | 18447  |   |
|  | 18169          | 18469  |   |
|  | 18168          | 18468  |   |
| 55-57 Chevy  | 18199          | 18499  |   |
| 62-65 Chevy II/Nova  | 18127          | 18427  |   |
| 62-65 Chevy II/Nova<br>66-67 Chevy II/Nova   | 18131          | 18431  |   |
| 68-69 Nova   | 18130          | 18430  |   |
| 1070   | 10100          | 18433  |   |
| 1970 Nova<br>71.72 Nova  | 10133          |        |   |
|  | 18132<br>18136 | 18432  |   |
| 75-74 NOVA   | 10130          | 18436  |   |
| /5-/9 Nova   | 18137          | 18437  |   |
| 61-64 Impala   | 18118          | 18418  |   |
| 65-66 Impala   | 18134          | 18434  |   |
| /0-/3 Camaro/Firebird  | 18128          | 18428  |   |
| 67-68 Camaro/Firebird  | 18157          | 18457  | <b>R</b> -  |
| 1969 Camaro/Firebird   | 18158          | 18458  |   |
| 74-77 Camaro, 74-78 Firebird   | 18135<br>18138 | 18435  |   |
| 1970 Nova<br>71-72 Nova<br>73-74 Nova<br>75-79 Nova<br>61-64 Impala<br>65-66 Impala<br>70-73 Camaro/Firebird<br>67-68 Camaro/Firebird<br>1969 Camaro/Firebird<br>74-77 Camaro, 74-78 Firebird<br>78-81 Camaro, 79-81 Firebird<br>82-92 Camaro<br>93-97 Camaro  | 18138          | 18438  |   |
| 82-92 Camaro   | 18171          | 18471  |   |
| 93-97 Camaro   | 181/2          | 18472  |   |
| 63-67 Corvette   | 18165          | 18465  |   |
| 68-69 Corvette   | 18166          | 18466  |   |
| 70-74 Corvette   | 1816/          | 18467  |   |
| 82-92 Camaro<br>93-97 Camaro<br>63-67 Corvette<br>68-69 Corvette<br>70-74 Corvette<br>64-67 Chevelle & Malibu<br>68-69 Chevelle & Malibu<br>70-72 Chevelle & Malibu, 70 Monte Carlo<br>71-72 Monte Carlo   | 1811/          | 18417  |   |
| 68-69 Chevelle & Malibu  | 18104          | 18404  |   |
| 70-72 Chevelle & Malibu, 70 Monte Carlo  | 18102          | 18402  |   |
| 71-72 Monte Carlo  | 18108          | 18408  |   |
| 78-88 Monte Carlo / Malibu   | 18151          | 18451  |   |
| 64-67 Oldsmobile Cutlass   | 18120          | 18420  |   |
| 64-67 Buick Skylark  | 18106          | 18406  |   |
| 68-69 Olds Cutlass & Buick Skylark   | 18101          | 18401  |   |
| 70-72 Cutlass, 70 Skylark  | 18103          | 18403  |   |
| 71-72 Skylark, GS & GS 455   | 18105          | 18405  |   |
| 81-88 Cutlass, 2 Door  | 18152          | 18452  |   |
| 68-70 GTO, LeMans & Grand Prix   | 18122          | 18422  |   |
| 71-72 GTO & LeMans   | 18107          | 18407  |   |
| 71-72 Monte Carlo<br>78-88 Monte Carlo / Malibu<br>64-67 Oldsmobile Cutlass<br>64-67 Buick Skylark<br>68-69 Olds Cutlass & Buick Skylark<br>70-72 Cutlass, 70 Skylark<br>71-72 Skylark, GS & GS 455<br>81-88 Cutlass, 2 Door<br>68-70 GTO, LeMans & Grand Prix<br>71-72 GTO & LeMans<br>1964 Pontiac GTO | 18119          | 18419  | •   |
| 05-07 Fontiac GTO & 00-07 Lewians  | 10121          | 18421  |   |
| 1965 Pontiac LeMans  | 18124          | 18424  |   |
| 78-87 Buick Regal  | 18149          | 18449  |   |
| 73-81 Chevy <sup>1</sup> /2 ton Truck (short wheel bas   | e) 18170       | 18470  |   |
| 64-65 Polara   | 18163          | 18463  |   |
| 66-67 GTX Charger<br>68-70 Road Runner/Satellite / 70 Super Bir  | 18164          | 18464  |   |
| 68-70 Road Runner/Satellite / 70 Super Bir   | d 18173        | 18473  |   |
| 68-70 Charger  | 18159          | 18459  |   |
| 1970 Road Runner   | 18160          | 18460  | 0   |
| 68-69 Dart   | 18161          | 18461  |   |
| 70-74 Challenger   | 18142          | 18442  |   |
| 70-74 Barracuda  | 18143          | 18443  |   |
| 70-76 Dart/Duster  | 18144<br>18162 | 18444  | WARNING : This product can expose you to chemicals, including<br>chromium, which is known to the State of California to cause |
| 71-72 Charger Road Runner  | 18162          | 18462  | cancer or birth defects or other reproductive harm.   |
|  |                |        | IJ  |

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.



**Combats Fuel Starvation:** precisely controls fuel around the pump

#### **PLUG+PLAY** NO ASSEMBLY REQUIRED



Fuel Pump, Phantom, Fuel Level Sending Unit, and Fuel Level Float Completely Installed

# FAMILY OF PRODUCTS

| GAS           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 1,300hp             | 1,000hp          |
| Carbureted    | 1,500hp             | 1,200hp          |
| E85           | Naturally Aspirated | Forced Induction |
| Fuel Injected | 910hp               | 700hp            |
| Carbureted    | 1,050hp             | 840hp            |

### A1000 EXTERNAL

• ORB-10 inlet and outlet ports.

- For EFI applications use regulator #13101 or #13303
- For carb applications use regulator #13204 or #13304
- Fully submersible for custom, in-tank placement.
- Perfect for 'blow-through' carbureted engines up to 1200 HP.
- Speed Pump Controller (#16306) recommended for EFI street applications.

#### **PLATINUM #11151 RED #11101 MARINE #11108**

SYSTEMS Includes: Filters, regulator, port fittings, stainless steel braided hose, hose-ends, wiring and installation hardware

BRUSHLESS A1000





#17125 : EFI System with 11101 & 13101 Regulator

EFI - 700lbs/hr 45psi 13.5v CARB - 700lbs/hr 8psi 13.5v

Pressure (psig)

40

A LEROMOTIVE

Fuel Systems

30

20

50

12 Volts 13.5 Volts

60

AIDDO

70

80

#### A1000 FUEL CELLS

These aluminum Stealth fuel cells are available in 6, 15 or 20 gallon size and fitted with the legendary A1000 fuel pump. Unlike conventional fuel cells, the Stealth Cells feature innovative baffling inside and an in-tank fuel pump with pre-pump fuel filter. Whether it's drifting, the weekend autocross, or a date with the drag strip, these fuel cells perform unlike anything you've seen. In fact, the Aeromotive Stealth Fuel Cells are the OE fuel system for the Ford Cobra Jet Mustang, the Chevrolet COPO Camaro, and the Mopar Drag Pak Challenger. If they can fuel these record-setting factory hot rods and meet the strict standard of the Big 3, surely they can fuel your ride.

TRADITIONAL

6GAL #18666

15GAL #18660

20GAL #18661

1200

800

(100 Int

Rate 600

Μ

#11101

• Features (x1) ORB-10 outlet and (x1) AN-08 return

- Includes (x2) AN-08 vents with rollover valves
- 15 and 20 gallon include 0-90 Ohm fuel level sending unit
- Standard 12-bolt locking filler cap
- 6 gal dimensions: 12"w x 12"l x 10"h
- 15 gal dimensions: 18"w x 20"l x 10"h
- 20 gal dimensions: 20"w x 24"l x 10"h



Direct Drop-In For Any Aeromotive Fuel Cell, including Cobra Jet, COPO & Drag Pak Cells. Also available for custom built cells.

{ AVAILABLE JULY 2019 }

VARIABLE SPEED

BRUSHLESS

#18386

#18380

#18381

**INTERNALLY BAFFLED** 

|                                       | TRADITIONAL | BRUSHLESS | VARIABLE SPEED<br>BRUSHLESS |
|---------------------------------------|-------------|-----------|-----------------------------|
| UNIVERSAL - Height Adjustable 10-16in | #18668      | #18368    | #18388                      |
| DROP IN - For 10in Tall Fuel Cells    | #18003      | #18023    | #18043                      |
| PUMP ONLY - Replacement Module        | #18010      |           | AVAILABLE JULY 2019         |

BRUSHLESS

#18366

#18360

#18361

# STEALTH PUMP MODULES

- Features ORB outlet and return ports
- Incorporates factory jet siphon system and sending unit
- Includes an integrated 100 micron stainless steel pre-pump filter
- Utilizes the factory tank, o-ring, lock ring and mounting location
- Requires the use of a bypass-style regulator and return line.
- Billet Speed Pump Controller (#16306) required for EFI street applications.

#### All A1000 kits feature ORB-08 outlet and ORB-08 return ports

| COBRA 2003-04                           | GT  |
|---|-----|
| - Pump <b>#18679</b>                    | - P |
| - System & Wiring Kit #17188            | - S |
| - System & Pump Speed Controller #17189 | - S |
| <b>GT</b> 2005-09                       | GT  |
| - Pump #18676                           | - P |
| - System & Wiring Kit #17302            | - S |
| - System & Pump Speed Controller #17303 | - S |



#### **Fox Body Mustang Tank**

#18685 86 - 98.5 A1000 Fox Body Stealth Fuel Tank Assembly #18690 86 - 98.5 Fox Body Stealth Tank Only #17130 86 - 95 5.0L Mustang A1000 Stealth System

#### A1000 CAMARO MODULE - PART NUMBER 18673

The Camaro Stealth Pump is a complete drop-in single fuel pump assembly for 2010 and later Camaros. This pump is available as a single A1000 or Eliminator that drops right into your factory tank, while still incorporating the factory jet siphon system. Now with a true return-style system in your Camaro, you can support the power you're making while retaining your factory fuel tank

#### **ORB-08 outlet and ORB-08 return ports**

A1000 & Wiring Kit with LS3 #14115 Rails: #17192

A1000 & Pump Speed Controller with LS3 #14115 Rails: #17193

#### **A1000 CORVETTE MODULE** Part Number 18670

Finally, a solution to your Corvette's fuel system needs. Simple single pump system with no more complicated surge tanks. Aeromotive has engineered a patented, complete drop-in fuel pump available for C6 and late C5 Corvettes.



A WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

#### Systems Include:

- In Tank Stealth Fuel Pump,
- **Filter and Fuel Rails**

#### **ORB** fittings

Pump Speed Controller (#16306) or Wiring Kit (#16307)

### **MUSTANG**

500 2007-12 ump #18682 ystem & Wiring Kit #17312 ystem & Pump Speed Controller #17313

2010-13 ump #18694 ystem & Wiring Kit #17324 ystem & Pump Speed Controller #17325





# A1000 & Wiring Kit

#### A1000 & Speed Controller

with LS1 #14106 Rails: #17172 with LS1 #14106 Rails: #17173 with LS2 #14114 Rails: #17174 with LS2 #14114 Rails: #17175 with LS3 #14115 Rails: #17176 with LS3 #14115 Rails: #17177 with LS7 #14142 Rails: #17178 with LS7 #14142 Rails: #17179

2003-2013

### ELIMINATOR FAMILY OF PRODUCTS

| GAS           | <b>Naturally Aspirated</b> | Forced Induction |
|---------------|----------------------------|------------------|
| Fuel Injected | 1,900hp                    | 1,400hp          |
| Carbureted    | 2,300hp                    | 1,700hp          |
| E85           | Naturally Aspirated        | Forced Induction |
| Fuel Injected | 1,330hp                    | 980hp            |
| Carbureted    | 1,610hp                    | 1,190hp          |

### **EXTERNAL**

- ORB-12 inlet port and ORB-10 outlet port.
- EFI applications use regulator #13134 or #13305
- Carbureted applications use regulator #13212 or #13202
  Fully submersible for custom, in-tank placement.
- Perfect for "blow-through" carbureted engines up to 1,700 HP.
- Speed Pump Controller (#16306) required for street applications.

#### **BLACK #11104 MARINE #11110**

SYSTEMS Includes: Filters, regulator, port fittings, stainless steel braided hose, hose-ends, wiring and installation hardware. #17126: EFI System with 11104 & 13101 Regulator

## NEW BRUSHLESS ELIMINATOR

SIGNATURE #11183 VARIABLE SPEED #11193 AVAILABLE JULY 2019

Fred Systems Elim ROUND #11124 VARIABLE SPEED #11189 AVAILABLE JULY 2019 }

### FUEL CELLS

These aluminum Stealth fuel cells are available in 6, 15 or 20 gallon size and fitted with the legendary Eliminator fuel pump. Unlike conventional fuel cells, the Stealth Cells feature innovative baffling inside and an in-tank fuel pump with pre-pump fuel filter. Whether it's drifting, the weekend autocross, or a date with the drag strip, these fuel cells perform unlike anything you've seen. In fact, the Aeromotive Stealth Fuel Cells are the OE fuel system for the Ford Cobra Jet Mustang, the Chevrolet COPO Camaro, and the Mopar Drag Pak Challenger. If they can fuel these record-setting factory hot rods and meet the strict standard of the Big 3, surely they can fuel your ride.

Features (x1) ORB-10 outlet and (x1

- Includes (x2) AN-08 vents with rollo
- 15g and 20g include 0-90 Ohm fuel level sending unit
- Standard 12-bolt locking filler cap
- 6g dimensions: 12"w x 12"l x 10"h
- 15g dimensions: 18"w x 20"l x 10"h
- 20g dimensions: 20"w x 24"l x 10"h

| s with rollove<br>) Ohm    | er valves    |             | {/        | AVAILABLE JULY 2019 }       | Me.       |
|----------------------------|--------------|-------------|-----------|-----------------------------|-----------|
| fillor con                 |              | TRADITIONAL | BRUSHLESS | VARIABLE SPEED<br>BRUSHLESS |           |
| filler cap                 | <b>6</b> GAL | #18667      | #18368    | #18387                      | 5.8.9     |
| 2″l x 10″h                 | 15gal        | #18662      | #18362    | #18382 🪄                    | S Eminata |
| 20″l x 10″h<br>24″l x 10″h | 20GAL        | #18663      | #18363    | #18383                      |           |
|                            |              |             |           |                             |           |
| FUEL                       | CEI          | 1           | INTE      | RNALLY BAFFLED              |           |

#### Direct Drop-In For Any Aeromotive Fuel Cell, including Cobra Jet, COPO & Drag Pak Cells. Also available for custom built cells. 10DULES

|   | PUMP ONLY - Replacement Module        | #18011      | {         | AVAILABLE JULY 2019 }       |
|---|---------------------------------------|-------------|-----------|-----------------------------|
|   | DROP IN -10in Tall Fuel Cells         | #18004      | #18024    | #18044                      |
|   | UNIVERSAL - Height Adjustable 10-16in | #18669      | #18369    | #18389                      |
| Ð |                                       | TRADITIONAL | BRUSHLESS | VARIABLE SPEED<br>BRUSHLESS |

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive barm

## ELIMINATOR STEALTH PUMP MODULES

- Features ORB outlet and return ports
- Incorporates factory jet siphon system and sending unit
- Includes an integrated 100 micron stainless steel pre-pump filter
- Utilizes the factory tank, o-ring, lock ring and mounting location
- Requires the use of a bypass-style regulator and return line.
- Billet Speed Pump Controller (#16306)
- required for EFI street applications.

COBR

- Pun - Syst - Syst

GT 2

- Pun

Sys

#### All Eliminator kits feature ORB-08 outlet and ORB-08 return ports

| GT50         |
|--------------|
| - Pur        |
| - Sys        |
| - Sys        |
| <b>GT</b> 20 |
| - Pur        |
| - Sys        |
| - Sys        |
|              |



### Fox Body Mustang Tank

#17131 86 - 95 5.0L Mustang Eliminator Stealth System

#### **ELIMINATOR CAMARO MODULE - PART NUMBER 18674**

The Camaro Stealth Pump is a complete drop-in single fuel pump assembly for 2010 and later Camaros. This pump is available as a single A1000 or Eliminator that drops right into your factory tank, while still incorporating the factory jet siphon system. Now with a true return-style system in your Camaro, you can support the power you're making while retaining your factory fuel tank

#### **ORB-08 outlet and ORB-08 return ports**

**Eliminator & Wiring Kit** with LS3 #14115 Rails: #17194

Eliminator & Pump Speed Controller with LS3 #14115 Rails: #17195

#### ELIMINATOR CORVETTE MODULE Part Number 18671

Finally, a solution to your Corvette's fuel system needs. Simple single pump system with no more complicated surge tanks. Aeromotive has engineered a patented, complete drop-in fuel pump available for C6 and late C5 Corvettes.



Eliminator

EFI - 1000lbs/hr 45psi 13.5v CARB - 1300lbs/hr 8psi 13.5

30

20

40

OMOM/A

Fuel Systems

50

12 Volts 13.5 Volts

70

Eliminator

60

80

1600

800

600

400

200

hr)

Rate (Ibs / 1000

Flow

#11104

#### Systems Include:

- In Tank Stealth Fuel Pump,
- Filter and Fuel Rails
- ORB fittings - Pump Speed Controller (#16306)
  - or Wiring Kit (#16307)

### **MUSTANG**

00 2007-12 mp **#18683** stem & Wiring Kit #17336 tem & Pump Speed Controller #17337

010-13 mp **#18695** stem & Wiring Kit **#17348** stem & Pump Speed Controller **#17349** 

#18686 86 – 98.5 Eliminator Fox Body Stealth Fuel Tank Assembly **#18690** 86 – 98.5 Fox Body Stealth Tank Only



CAMARO

2010-2015



#### **Eliminator & Wiring Kit:**

with LS1 #14106 Rails: #17180 with LS2 #14114 Rails: #17182 with LS3 #14115 Rails: #17184 with LS7 #14142 Rails: #17186

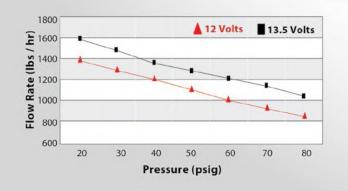
#### CORVETTE 2003-2013

**Eliminator & Speed Controller:** with LS1 #14106 Rails: #17181 with LS2 #14114 Rails: #17183 with LS3 #14115 Rails: #17185 with LS7 #14142 Rails: #17187

## **PRO-SERIES**

Designed for serious horsepower, its hard to find a more powerful, higher flowing, in-line fuel pump anywhere. Engineered for high-horsepower racing engines, this beautiful pump features our innovative 'dual chamber' pump design.





| GAS           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 2,200hp             | 1,700hp          |
| Carbureted    | 2,600hp             | 2,000hp          |

| E85           | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 1,540hp             | 1,190hp          |
| Carbureted    | 1,820hp             | 1,400hp          |

EFI - 1200lbs/hr 45psi 13.5v CARB - 1500lbs/hr 8psi 13.5v

### **EXTERNAL**

- ORB-12 inlet and outlet ports.
- New Black Hard Coat Anodized finish
- Includes two ORB-12 to AN-12 fittings
- Perfect for "blow-through" carbureted engines up to 2,000 HP.
- Fully submersible for custom, in-tank placement.
- Speed Pump Controller (#16306) required for limited street driving
- EFI applications use regulator #13110 or #13134,
- Carb applications use regulator #13212 or #13202

### FUEL CELL

- · Features (x1) ORB-10 outlet and (x1) AN-08 return
- Includes (x2) AN-08 vents with rollover valve
- Standard 12-bolt locking filler cap • Dimensions: 12"w x 12"l x 10"h
  - **6 GALLON** #18645

**FUEL CELL** MODULES

#### **#18005 - PRO-SERIES IN-TANK PUMP & FILTER DIRECT DROP IN FOR 10in FUEL CELLS**

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

Engineered from the ground up to be capable of today's extreme flow demands, while also sustaining that flow at high pressures.

- Extended Life
- Higher Efficiency
- Lower Current Draw
- Less Heat

| V   | GAS           | Naturally Aspirated | Forced Induction |
|-----|---------------|---------------------|------------------|
| V.  | Fuel Injected | 2,400hp             | 1,800hp          |
| L.  | Carbureted    | 2,600hp             | 2,000hp          |
| 5   | E85           | Naturally Aspirated | Forced Induction |
| 3.5 | Fuel Injected | 1,680hp             | 1,260hp          |
| U)  | Carbureted    | 1,820hp             | 1,400hp          |

- ORB-12 inlet and ORB-10 outlet ports.
- Extended service life in methanol and ethanol. - New integral spur-gear pumping mechanism.
- 90-PSI continuous operating pressure and up to 150-PSI peak pressure, base plus boost.
- Integral, external brushless controller for clean installation cooler fuel and enhanced reliability.

|     | 3.5      | GPM      | 5.0         | G  |
|-----|----------|----------|-------------|----|
| ION | STANDARD | VARIABLE | STANDARD    | ٨  |
|     | #11181   | #11191   | #11182      | #  |
| IRE | #11185   | #11194   | #11186      | #  |
|     | ( TRUE V |          | AVALABLE II | шv |

• Features (x1) ORB-10 outlet and (x1) AN-08 return

- Includes (x2) AN-08 vents with rollover valves
- 15g and 20g include 0-90 Ohm fuel level sending unit
- Standard 12-bolt locking filler cap

Dimension : • 6 gal : 12"w x 12"l x 10"h • 15 gal : 18"w x 20"l x 10"h • 20 gal : 20"w x 24"l x 10"h

UNI

ADJ

DRC FIXED

For

CONFIGURA

ROUND

SIGNAT

6 GAL #18376 #18396 15 GAL #18370 20 GAL #18371 #18391

|                 | { TRUE \          | ARIABLE SPEE                        | D AVAILAB |
|-----------------|-------------------|-------------------------------------|-----------|
|                 | 3.5               | GPM                                 | 5.        |
| VERSAL          | #18374            | #18394                              | #183      |
| STABLE 10-16in  | STANDARD          | VARIABLE                            | STAND     |
| P-IN            | #18025            | #18045                              | #180      |
| 10in MODULE     | STANDARD          | VARIABLE                            | STAND     |
| ny Aeromotive F | uel Cell, includi | ng Cobra Jet,                       | COPO &    |
|                 |                   | and the second second second second |           |

nicals, including chromium, which is known to the State of California to A WARNING : This product can expose you to chemical cause cancer or birth defects or other reproductive har



TEROMOTIVE PRO-SERIES

## BRUSHLESS RPUMPS

|                |  | Tested at 13.5 Volts |
|----------------|--|----------------------|
|                | 5.0GPM GEAR PUMP                       |                      |
|                |  |                      |
|                |  |                      |
|                | 3.5GPM GEAR PUMP                       |                      |
|                |  |                      |
|                |  |                      |
| 15 20 25 30 35 | 40 45 50 55 60 65 70 7<br>Pressure PSI | 75 80 85 90 95 100   |

| GAS           | Naturally Aspirated | <b>Forced Induction</b> |
|---------------|---------------------|-------------------------|
| Fuel Injected | 3,400hp             | 2,600hp                 |
| Carbureted    | 3,600hp             | 2,700hp                 |
| E85           | Naturally Aspirated | Forced Induction        |
| Fuel Injected | 2,380hp             | 1,820hp                 |
| Carbureted    | 2,520hp             | 1,890hp                 |

### **EXTERNAL**





FUEL CELL

5.08

MODULES

{ TRUE VARIABLE SPEED AVAILABLE JULY 2019 }

3.5GPM #18390

5.0GPM #18377 #18397 #18372 #18392 #18373 #18393

#### BLE JULY 2019 }

JGPM 75 #18395 VARIABLE

26 #18046 VARIABL Drag Pak Cells.



This pump is ideal for carbureted power plants that are capable of handling 7 psi, without using a separate fuel pressure regulator. The H/O Fuel Pump is designed for engines making 200-600 HP and is ideal for street cars and mild race cars alike. Similar to our SS Fuel Pump (#11203), but internally regulated to 7 psi.

#### ORB-08 #11219

#### <sup>3</sup>/8"NPT #11203

- Durable billet construction.
- Fuel flow exceeds 90 GPH at 5 psi and draws less than 5 amps.
- Internally regulated to 7 psi, eliminating the need for a separate regulator on most carbs
- · Rated for continuous duty, the pumping mechanism features a composite rotor, stainless steel vanes, and heat-treated steel top and bottom plates for durability.

#17245: H/O Carbureted Pump System (#11209) filters, plumbing, wiring and installation kit.

## SS SERIES

This SS Series carbureted fuel pump allows you to step up your performance by maintaining optimal line pressure and delivering high volume. The Street/Strip Pump was engineered for 200-750 HP carbureted engines making this a perfect choice for a daily driver, street rod or demanding ET-bracket race car.

### ORB-08 #11213 3/8" NPT #11203

- Fuel flow exceeds 140 GPH at 13.5 volts. Supports 200-500 hp
- Perfect for use with either a Bypass Regulator (#13301) or one of our Carbureted Adjustable Regulators. (#13201, #13205)
- Pump provides 14 psi of fuel pressure perfect for cars that leave hard.
- Pumping mechanism features our proprietary composite rotor, stainless steel vanes and precision ground, heat treated steel plates.
- Ideal for dedicated nitrous delivery.
- E85 and Alcohol compatible.
- Low current draw. (under 5 amps)

#17201 : SS Complete System #11203 Fuel Pump and #13201 Regulator

The following systems include filters, plumbing, wiring and installation kit. **#17122** SS Pump Kit (#11203) **#17246** SS Pump (#11203) & Regulator (#13205) **#17247** SS Pump (#11213) & Regulator (#13201)

## A2000 #11202

From Stock Eliminator to Pro Mod, the Aeromotive A2000 has proven to be the most versatile "big" carbureted fuel pump on the planet. The A2000 flows enough fuel to support the world's quickest nitrous Pro Mods on gasoline. It is the industry's only fuel pump that uses a true diaphragm controlled adjustable bypass valve, integral to the pump. This design dampens pressure spikes, which delivers smoother, more controlled flow and pressure, and ensures more consistent E.T.s and win lights.

- High torque, low RPM motor design delivers 350 GPH free flow at less current draw than any other pump in its class.
- Supports up to 2,500 hp gasoline, and up to 1,500 hp methanol.
- Adjustable diaphragm bypass valve outperforms ineffective poppet designs, which minimizes flow loss and pressure fluctuation to the regulator and carburetor.
- ORB-10 inlet and outlet ports with ORB-08 return and 1/8" NPT gauge port.
- Proprietary seal design eliminates leakage.
- Multiple bolt patterns on the bottom of the pump body fit many mounting options.
- · Ethanol, Methanol compatible.

#17202 A2000 Pump Kit (#11202) filters, plumbing, wiring and installation kit.

#17203 : A2000 System (single Carb) #11202 Fuel Pump and #13201 Regulator #17204 : A2000 System (dual Carb) #11202 Fuel Pump and #13203 Regulator

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm



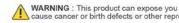
### EXTREME CARBURETED DRAG PUMP

The new A3000 Fuel Pump is an upgrade of one of the winningest fuel pumps in drag racing: the popular A2000 Fuel Pump. The A3000 shares the same basic design and function as its predecessor, but boasts greater efficiency, less weight, and over 1 GPM more flow at pressure and never-before-seen modular features and mounting options, like a removable and indexable fuel filter and true diaphragm-controlled bypass regulator.

- Supports up to 3,000 hp on gasoline, and up to 2,000 hp on methanol
- True diaphragm controlled bypass regulator integrated into the pump, for 14-28 psi line pressure.
- Regulator provides smoother and more controlled flow and pressure as well as dampens pressure spikes.
- The new A3000 design allows for the regulator and integrated filter to be clocked in 45° increments
- Regulator can be removed and run as a true bypass regulator.
- Regulator's bolt pattern matches up to the Aeromotive Stackable Regulators (#13217) allowing the best in pressure control and nitrous fuel system solutions.
- 15% more flow across the entire pressure range (vs. the A2000)
- New light weight design (5.1 lbs total)
- ORB-12 inlet and ORB-10 outlet
- Alcohol / Methanol / E85 compatible



- #11217 A3000 Pressure Regulator #11218 - A3000 100-Micron Fuel Filter
- #11222 A3000 Fuel Pump & Regulator (does not include filter)



# A3000

15% more flow across the entire pressure range 6.8 gpm @ 5 psi / 13.5V (Over 400 gph)

7.8 gpm @ 5 psi / 16V (Over 460 gph)

 Best Pressure Control of any fuel pump in its class.

Line Pressure Adjustable from 12-28psi Preset at 18 psi

#### **Modular Design** Separate or Rotate **Components for Optimal** Mounting Clearance



# **SPUR GEAR**

EXTREME CUSTOM PUMPS

#### Flow Ratings from 16GPM to 32GPM

- Variety of hose attachments
- Complete line of distribution blocks and shut off valves
- Mount with 3 or 4 bolt flange or V-band
- NHRA Certifiable

The Aeromotive Spur Gear pump is the largest gear pump in the Aeromotive family. This pump features a contoured and coated body, thrust plates, & gear sets to reduce cavitation and increase longevity. From Nostalgia Funny Car to countless Pro Mod cars, this new spur gear pump has undergone extreme testing. These relationships as well as serious research and development ensure the utmost performance and reliability under the harshest environments. Built to the strictest of standards, these pumps are sure to live up to everything you expect from Aeromotive products. Available in a complete range of flow ratings, and NHRA certifiable options.

The Aeromotive Spur Gear line offers an assortment of inlet and outlet attachments, as well as three different sized distribution blocks to ensure proper plumbing and configuration. Mount with either a 3 or 4 bolt flange or a V-band adapter.



#### **Custom Made Pumps**

| 1.Sec                 |       |               |        |
|-----------------------|-------|---------------|--------|
| Gallons Per<br>Minute | Shaft | Fuel          | Part # |
| 16                    | .375  | Gas / Alcohol | #11134 |
| 16                    | .375  | Nitro         | #11934 |
| 16.75                 | .375  | Gas / Alcohol | #11152 |
| 17                    | .375  | Gas / Alcohol | #11172 |
| 18                    | .375  | Gas / Alcohol | #11148 |
| 19.5                  | .375  | Gas / Alcohol | #11130 |
| 19.5                  | .375  | Nitro         | #11930 |
| 21.5                  | .375  | Gas / Alcohol | #11132 |
| 21.5                  | .375  | Nitro         | #11932 |
| 25                    | .375  | Gas / Alcohol | #11138 |
| 25                    | .375  | Nitro         | #11938 |
| 32                    | .375  | Gas / Alcohol | #11143 |
| 32                    | .375  | Nitro         | #11943 |
|                       |       |               |        |

#### Certifiable

| NHRA Nostalgia Dragster        |            |        |
|--------------------------------|------------|--------|
| 20gpm .375 shaft #11937        |            |        |
| NHRA Nitro Nostalgia Funny Car |            |        |
| 21gpm                          | .375 shaft | #11936 |

#### **Pre-Certified**

| NHI                            | NHRA Nostalgia Dragster |        |  |
|--------------------------------|-------------------------|--------|--|
| 20gpm .375 shaft #11941        |                         |        |  |
| NHRA Nitro Nostalgia Funny Car |                         |        |  |
| 21gpm                          | .375 shaft              | #11940 |  |

\* Also Available in 7/16" Hex Shaft \*\* Also Available in Steel Bodies



**AN-20 Flare** #11732



1.25 Hose #11730 1.50 Hose #11731 1.75 Hose #11749 2.00 Hose #11750



AN-08 Port #11751 AN-10 Port #11733 AN-12 Port #11734 AN-16 Port #11752

#### Distribution



AN-06 Ports #11738 AN-08 Ports #11739 AN-10 Ports #11740

#### Shut Off Valves (AN-8)

| Left               | #11741 |
|--------------------|--------|
| Right              | #11742 |
| Left Nitro         | #11743 |
| <b>Right Nitro</b> | #11744 |





3 or 4 Bolt Flange #11736



V-Band Adapter #11735 V-Band Clamp #11737

# GALLONS PER MINUTE

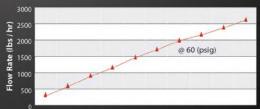
Zero amperage draw, less weight, and more flow! The Six Series Belt Drive Fuel Pump was designed to solve fuel delivery problems in high horsepower, forced-induction EFI applications, as well as the now popular, carbureted applications on gas or methanol.

### **BELT DRIVE** *#*11105 HEX DRIVE #11107

- Supports up to 3600 HP gas, 1800 HP methanol.
- Compact size facilitates easy mounting.
- Billet aluminum CNC-machined body, not "cast".
- ORB-10 inlet and outlet ports.
- For EFI applications use regulator #13113.
- Carbureted gasoline applications require regulator #13202 or #13212.
- Alcohol applications require Double Adjustable Regulator #13209 or #13214.
- Bracket and Cog Pulley sold separately.

#17140 Kit Includes: Pump, Bracket and Pump Pulley.





### **BB CHEVY BELT DRIVE #17241**

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 Pump RPM

This kit can produce anywhere from 2-200 psi with enough volume to support 2500 HP from your big block Chevy. Includes our Belt Drive Fuel Pump capable of producing high volume and supports high or low pressure whether it's fuel injected (electric or mechanical), carbureted, blown, turbocharged or nitrous assisted.

• Kit includes: Six Series Belt Drive Fuel Pump (#11105), BBC drive mandrel, pump pulley,

- crank pulley, cog belt, BBC mounting bracket, adjustment shims & hardware.
- Designed for lower left mounting. Must modify for right-hand mounting.
- EFI applications use Aeromotive Regulator #13113 (sold separately)
- Carbureted Gasoline : use Regulator #13202 or #13212. (sold separately) Carbureted Alcohol : use Regulator #13209 or #13214. (sold separately)

**#17243** System with Double Adjustable Regulator (#13209) Designed for alcohol carbureted cars





**Billet BBC Drive Mandrel** #21106

28 Tooth Cog Belt Pulley 3/8" Pitch : #21109

14 Tooth Cog Belt Pulley 3/8" Pitch, 1" ID : #21108



Timing Belt - 1/2" wide Neoprene w/ fiberglass cord, 60 groove (22.5") L pitch (.375") : **#21110** 





**BELT DRIVE BRACKET WITH DRIVE** PASSENGER SIDE #11708

DRIVER SIDE #11707

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

PRIMING PUMP #11109

- Universal inline pump, designed for external mounting.
- Rated for continuous duty applications.
- Flows 300 lbs. per hour @ 13.5 Volts and 45 psi.
- 5/16" hose barb inlet and outlet are standard.
- Suitable for use with Aeromotive Digital FMU #16303. AN-08 adapter fitting #15114 must be used in stand alone applications (sold separately)

#### PRIMING PUMP KIT #17301

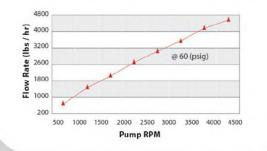
- In line EFI Fuel Pump (#11109)
   AN-08 inlet and AN-06 outlet pump adapter fittings
- ORB-10 male / ORB-06 female adapter
- Stainless Steel Braided AN hose
- All ORB fittings and AN hose ends
- Fuel Pump Wiring Kit and complete installation instructions.

## TWELVE GEROTOR

Designed to feed monster EFI and Carbureted engines on gasoline or alcohol. This 12gpm Belt Drive Pump is engineered to be driven by a pulley or cog drive which allows you to drive the pump from your crankshaft or camshaft. It can be used in both high or low-pressure applications.

#### **BELT DRIVE** #11115 HEX DRIVE #11117

- Flows in excess of 4,000 lbs/hr (over 11 GPM at 100 psi).
- Supports over 7,000 HP gas and 2,500 HP methanol.
- Type III hard coat anodize protects the 6061 T6 aircraft aluminum alloy housing.
- Features removable 1.25" and AN-16 inlet, and ORB-12 outlet.
- EFI applications require regulator #13113, #13132, or #13133
- Belt Drive Bracket (#11706) and Cog Pulley (#21109) see below
- Hex Drive option includes collar for standard three bolt pattern









Straight Billet Bracket for #11105, #11115 Fuel Pumps #11704

Billet Fuel Pump Bracket #11105 Fuel Pump #11705 #11115 Fuel Pump #11706



#### MORE RELIABLE MORE EFFICIENT

Aeromotive has announced that its superior fuel system technology is now available to the diesel performance enthusiast. After years of product development, Aeromotive offers a pump that will outlast and out-perform the competition. Forget everything you know about diesel lift pumps -Aeromotive has once again advanced fuel delivery technology.

The Aeromotive diesel lift pump has the flow to fuel the most aggressive diesels. This is our first pump aimed directly at the diesel market; however, we are no strangers to it. Performance diesel enthusiasts have been using Aeromotive's in-line and t-style pumps for decades. This diesel lift pump is available as both a pump-only, or in vehicle specific kit form.

The Aeromotive diesel lift pump was developed to solve some key issues in the diesel lift pump market. Most notably, it solves the ¼-tank issue, the pressure control issue, and motor shaft seal failures. Aeromotive opted for a flow-through wet motor, completely eliminating the shaft seal and ensuring that leaking seals are a thing of the past. Specific to the Duramax platform is a "fail safe" valve. In the event of electrical failure or a no-run condition, the valve will allow the injection pump to draw fuel through the lift pump. This insures the vehicle will continue to run, getting you to your destination and eliminating expensive tow bills. With a brushless motor design, Aeromotive has increased the performance and longevity you would expect from a diesel lift pump. A single filter model simplifies the design and reduces maintenance cost. Our diesel pump includes the Caterpillar 1R-0750 2-micron filter to catch the smallest particulates. With a standard 1"-14 filter head thread, the end user can use their filter of choice.

**#11802** – Performance Street Pump (130gph flow rate) #11806 – Extreme Performance Pump (230gph flow rate)

#### 01-10 Chevy Duramax

#11801 – Complete Kit 130gph @10psi #11811 – Complete Kit 230gph @10psi

03-07 Ford Powerstroke #11808 – Complete Kit 130gph @10psi

#### **08-10 Ford Powerstroke**

#11807 – Complete Kit 130gph @10psi #11817 – Complete Kit 230gph @10psi

**#11803** – Duramax Retrofit Kit : replaces existing aftermarket lift pumps #11804 – Fuel line & wiring kit **#11805** – Baffled pick up kit (5/8" feed line)



#### **BRUSHLESS MOTOR**

The latest brushless motor technology reduces current draw by 33% and offers more than double the service life of the traditional style brushed motors.



#### ADJUSTABLE REGULATOR

An engineered solution designed to provide the best pressure control and flow at volume.



#### FUEL PRESSURE GAUGE This allows the end user to dial in their desired fuel pressure with accuracy and reliability.



### **BAFFLE KIT** Solves the 1/4" tank (low fuel level) issues commonly plaguing lift pump systems.

#### 3⁄4″ DRAW STRAW Reduces the amount of vacuum the pump

generates by reducing the amount of air introduced to the fuel.

#### PRE-ASSEMBLED HOSES 5/8" PUMP FEED LINE



Push-on (industry standard) J2044 quick-connects makes installation a snap.

Reduces the amount of vacuum the pump generates by reducing the amount of air introduced to the fuel.



#### WEATHER PACK CONNECTORS

Simple 4 connection installation, power braided protective overing and Delphi (industry standard) Weather Pack connections for a corrosion free connection.

#### **MORE FEATURES** :

- Unique draw-through technology
- Flow-through design eliminates shaft seals failure and leaking
- Self priming, no need to pre-fill the filter during install or filter swap
- OEM style return no need to modify filler neck
- Complete bolt-on and plug-in installation

1B-075



#### CAT<sup>®</sup>FUEL FILTER(1R-0750)

2 Micron : Saves wear and tear on injectors and injection pumps. Standard 1"-14 filter head thread

AEROMOTIVE



#### **OPTIONAL HEATER** PORTS

These ports allow the customer to plumb engine coolant to the fuel pump block to keep the unit from freezing up in extreme conditions.



**TERPILLAR**<sup>°</sup>

13

# **COMPACT EFI**

Aeromotive performance in a smaller and lighter package. Capable of supporting applications up to 1000 HP, the #13129 regulator can handle high-flow EFI fuel pumps and the most aggressive street machines out there. It's perfect for those looking for a cleaner, lighter solution where performance is critical or where space is a premium.

- Base pressure is adjustable from 30-70 psi.

- (x2) ORB-06 inlet/outlet ports and (x1) ORB-06 return port.
- Dedicated, 1/8" NPT gauge port and vacuum boost port.
- Fuel pressure rises on a 1:1 ratio when referencing boost.

#13136 - All Black Regulator

**#13129** - Silver / Black Regulator **#13130** - Regulator with (x3) ORB-06 port fittings

and (x1) 0-100 psi gauge



Originally developed for the GM LT1 fuel rail, these regulators are designed to keep these cars performing at their peak potential. These rail mount EFI regulators fit a variety of factory GM vehicles.

Return adapter may be replaced with #15606 for a -06 return line.

### HONDA COMPACT EFI

These billet adjustable regulators were specifically designed for Honda and Acura engines to provide fully adjustable base fuel pressure. They are direct bolt-on for engines with the factory fuel rail or aftermarket fuel rails designed with mounting provisions for the stock regulator.

92 - 95 Civic

99 - 00 Civic Si

94 - 01 Integra

#13115 (98-01 2.3L VTEC)

98 - 02 Accord 4 cyl 96 - 97 Del Sol Si 00 - 04 S2000 98 - 99 CL 2.3L **#13116** (92-97 1.6L VTEC) 86 - 89 Accord LXi/SEi 93 - 95 D

i 93 - 95 Del Sol S/Si 94 - 97 Del Sol VTEC 89 - 91 Prelude Si



### FORD 4.6L 5.0L 5.4L



COMPATIBLE

This is an adjustable billet fuel pressure regulator designed to handle the demands of the Ford 4.6L, 5.0L and 5.4L engines. Installs easily on the stock factory fuel rail. High flow design ideal for Stealth 340 pump.

#13106

#13107

94 - 96 Impala

92 - 96 Corvette

GM Ram-Jet 350 EFI Crate Engine

94 - 97 F Body Camaro/Firebird

GM 3.1L & 3.4L V6 engines

- Adjustable from 30-70 psi.
- Fuel pressure rises on a 1:1 ratio when referencing boost.
- 1/8" NPT gauge port.
- · Stainless steel spring, custom-designed for precise fuel control.
- Installation kit includes O-rings and gaskets.

**#13103** : 1986-1993 **5.0L #13102** : 94-98.5 **4.6L** & 94-95 **5.0L** 

# A1000 EFI REGULATORS

### GEN II A1000

The same performance the industry has come to trust, in a new lightweight compact body. These performance EFI regulators are designed for medium to high horsepower applications. They feature Aeromotive's high-flow design, superb pressure control, and legendary durability.

- Base pressure adjustable from 40-75 psi.
- Gasoline and alcohol compatible.
- Fuel pressure rises on a 1:1 ratio with boost.
- ORB-06 Return Port and 1/8" NPT gauge port.

#### ORB-06 **#13138** ORB-08 **#13139** ORB-10 **#13140**

## CLASSIC A1000

On the street and at the track, these regulators have logged more miles, more passes, and more laps than any other performance EFI regulators in the world!

- Base pressure adjustable from 40-75 psi.
- Gasoline and alcohol compatible.
- Fuel pressure rises on a 1:1 ratio with boost.
- 1/8" NPT gauge port.









# **PRO-SERIES EXTREME FLOW EFI**

This is the tuner's choice for high horsepower EFI applications. The Pro-Series Regulator can support up to 2,000 HP. For engines requiring high volume, high pressure fuel delivery the Pro-Series EFI Regulator is a perfect fit for serious power.

### TWO PORT#13134 FOUR PORT#13110

- Includes two springs for 30-75 psi (installed) and 75-120 psi (provided)
- Auxiliary ports available for nitrous applications, pressure gauges etc.
- References Vacuum/Boost on a 1:1 ratio. Includes two boost line adapters: one barbed for rubber hose, the other for AN-04 braided line. (this prevents blow-off in high boost applications) Dedicated 1/8" NPT port.
- Includes Aeromotive's radiused, tapered flare fittings: (x3) ORB-08 and (x1) ORB-10 inlet ports, two with AN-08 flare adapters. (x1) ORB-10 return port with AN-10 flare adapter port plugs included.

#1313



### SINGLE SPRING #13113

Engineered for our Belt-Drive and Hex-Drive Fuel Pumps, the Belt Drive EFI Regulator is suitable for engines making up to 4,000 HP on gasoline and is compatible with gasoline and methanol.

#### Base pressure adjustable from 40-100 psi.

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

| eat | #15015 | #15014      | #13013           |      |
|-----|--------|-------------|------------------|------|
|     |        |             |                  |      |
|     | Thal   | act Poquila | or Vou'll Ever I | lood |

The Last Regulator You'll Ever Need.

Whether carbureted or EFI, naturally aspirated or forced induction, the X1 is designed to span the entire range of applications and provide dependable fuel pressure regulation. Making the change from a carburetor to EFI or EFI to carburetor? There is no longer a need to purchase a new regulator. Simply utilize one of three conversion kits (sold separately) to match the operating range required of your engine. Replace the original X1 Series regulator internals with the conversion kit of your choice (#13013, #13014, #13015) and you have a regulator with vastly different characteristics.

While versatility is one of the X1's greatest assets, it is far from the only new design feature. Utilizing larger (x3) AN-08 inlet/outlet/return ports to accommodate increased flow, Aeromotive incredibly reduced overall weight by 33% (compared to Aeromotive #13109 regulator). Even with these new design components, none of the traditional features expected of a genuine Aeromotive product have been neglected. Still integrated is the 1/8" NPT gauge port and 1:1 ratio boost reference port for easy forced induction connection. The X1 Series provides flexible performance that changes with you fuel system requirements.

## **BELT DRIVE EFI REGULATORS**

#### **FOUR PORT #13133**

**#13132** (x2) AN-10 ports (x1) AN-10 and (x4) AN-08 ports #13137 (x2) AN-12 ports and (x1) AN-10 return port.

• Designed for use with Belt or Hex Drive Fuel Pumps. • 0.500" high flow valve/seat, able to handle 7-26 GPM Dual springs expand operating pressure range while maintaining a low profile and reduce weight. Standard spring (installed) supports 30-75 psi base • High Pressure (included) supports 75-120 psi base Supports 1:1 vacuum and boost reference



E COMPATIBLE

#13113



#### **UNIVERSAL** #13301

This universal regulator serves two purposes. It can be used for EFI or carbureted applications whether it be street or strip applications. Base pressure adjustable from 3 to 20 psi with standard spring, (installed) or from 20 to 60 psi with high pressure spring (included). It offers the full flow and rock steady fuel pressure that only a dynamic, Aeromotive bypass regulator provides.

- Capable of regulating any fuel pump between 100 and 250 GPH.
- Fuel pressure rises on a 1:1 ratio when referencing boost.
- All ports are 3/8" NPT, with one inlet and three outlets on the main body and one return port on the bottom.
- Bypass design provides the ultimate, dynamic fuel pressure control.



#### Part Number 13220

Allows any car or truck, originally equipped with a return-style EFI system, to affordably convert to a standard carburetor.

- Bypass pressure is adjustable from 8-16 psi, regulated pressureto the carburetor is adjustable from 5-9 psi.
- 3/8" NPT inlet, outlet and return ports
- 1/8" NPT gauge port



#### E COMPATIBLE



#### ULTRA LOW-PRESSURE #13222 CARBURETED DEADHEAD

This is one of the newest regulators in Aeromotive's line up. It's engineered with a high-flow, soft seat valve capable of supporting up to 750hp while providing a rock solid low pressure control without any creep. Simply the finest low-pressure regulator ever offered to the automotive after market.

- Adjustable from 2-5 psi
- Ideal for small sidedraft-style carburetors
- (x1) ORB-6 inlet port and (x2) ORB-6 outlet
- 1/8" NPT gauge port.
- Clear anodized finish for a subtle look

## SS SERIES **CARBURETED DEADHEAD**

Specifically designed for carbureted street or racing engines up to 750hp. These adjustable regulators offer higher flow, quicker response, and less pressure creep than competing two-port designs. Ideal for dedicated nitrous applications.

• Adjustable from 5-12 psi.

• Regulators re-seat after the carburetor needle shuts down, preventing pressure creep.





## STACKABLE #13217

Aeromotive's Patented Stackable Carbureted Fuel Pressure Regulators are ideal for carbureted nitrous engines. These regulators allow you to "stack" them together to control multiple pressures with a single fuel pump. The new "Stackable Regulator" is a clean, lightweight solution ideal for nitrous engine combinations where individual pressures are desired.

- Adjustable from 5-12 psi.
- ORB-10 inlet and outlet flow-through ports
- (x2) ORB-06 outlet ports
- Includes (x2) O-rings, (x2) 12-point cap screws
- Serviceable in the field without having to remove from the vehicle



Pair with #11217 Regulator and inline gauge adapters for precise control.

Patent No. D628,274



\*Fittings not included

### DOUBLE ADJUSTABLE CARBURETED BYPASS

Our double adjustable regulators' revolutionary design provides two independent pressure adjustments; one adjustment for idle and one for wide-open throttle. They're engineered for use with mechanical, belt, or hex drive pumps tied to engine RPM. This regulator creates the smoothest and most repeatable fuel curve from idle to wide-open throttle of any bypass system.

- Pressure range : down to 3 psi @ idle and up to 18psi @ WOT
- ORB-10 return port.
- Can be configured for single or dual-carbureted engines, and provides superior pressure control and flow when installed before the carburetor or after a fuel log.
- #13214 available with fuel log #14201 or #14202, fittings, and gauge as #17249 or #17251.

**#13209** : (x1) ORB-08 inlet and (x3) ORB-08 outlet ports. **#13214** : (x1) ORB-10 and (x1) ORB-10 return.



# A1000 CARBURETED BYPASS

The A1000 Carbureted Bypass Regulators were designed for use with our A1000 Fuel Pump or similar style EFI pumps in a carbureted application. These regulators are perfect for naturally aspirated or "blow-through" supercharged engines. They're also ideal for Phantom 200, 340, and Flex Universal Fuel Systems.

- Base fuel pressure adjustable from 3-15 psi.
- (x1) ORB-10 inlet port and (x1) ORB-08 return port.
- Fuel pressure rises on a 1:1 ratio when referencing boost.
- Bypass design provides the ultimate, dynamic fuel delivery system.
- Ideal for converting from fuel injection to carburetion with the appropriate larger return line.

#13224: (x4) ORB-06 outlet ports and 1/8" NPT gauge port
#13204: (x2) ORB-06 outlet ports and 1/8" NPT gauge port.
HARD COAT #13207
PLATINUM #13254





E COMPATIBLE



Dynamic flow and rock steady pressure make this regulator perfect for naturally aspirated or carbureted "blow-through" applications. The A2000 Bypass Regulator provides unmatched boost reference and high-flow capacity. Compatible with any high volume electric or mechanical fuel pump.

### TWO PORT #13212 FOUR PORT #13202

- Adjustable from 2-20 psi base pressure.
- Bypass design provides the ultimate, dynamic fuel delivery system. (Requires AN-10 return)
- Fuel pressure rises on a 1:1 ratio with boost.
- ORB-10 inlet and return ports.



### **A4 CARB PART NUMBER #13203**

- Soft-seat design eliminates pressure creep, making it perfect for throttle-stop cars.
- Adjustable from 5-15 psi.
- Gasoline and alcohol compatible.
- · Standard deadhead design, no return line required.
- (x4) ORB-06 outlet ports and 1/8" NPT gauge port.
- (x2) ORB-10 inlet ports for plumbing flexibility.

#### COMPATIBLE

### **PRO STOCK** CARBURETED DEADHEAD REGULATORS

Track-tested by record setting, professional racers, the Aeromotive Pro Stock Regulators were designed to be used with the Aeromotive A2000 (#11202) and A3000 (#11215) Fuel Pumps in either single or dual carburetor applications. Utilizing a stainless steel valve, aluminum bronze seat, and an innovative opposed-spring design, the Pro Stock Regulators are engineered to be the guickest responding, most reliable, highest flowing regulators in the industry.

- Adjustable from 4-8 psi.
- ORB-12 inlet port. (Includes ORB-12 to AN-10 inlet fitting)
- 1/8" NPT gauge port.
- Includes mounting bracket.

#### FOUR PORT ORB-06 #13208

**TWO PORT** ORB-08 #13210

**E** COMPATIBLE



### VACUUM PUMP REGULATOR #33101

Aeromotive's Vacuum Pump Regulator allows you to control and adjust crankcase vacuum easily and effectively without the use of shims. Simply loosen the lock nut and turn to adjust.

- Works with most popular aftermarket vacuum pumps.
- Equipped with (2) ORB-12 Inlet and Outlet Ports.
- Features a 1/8" gauge port.
- Made from CNC-Machined Billet Aluminum

Patent No. D622,288

## **FUEL PRESSURE FALCE**

#### **Featuring Built-In Equalizer Pin**

- Includes integral pressure relief valve, for accurate readings during hot conditions
- Standard 1/8" NPT
- 1.5" Diameter
- Available for both EFI and carb applications
- Liquid-filled for increased durability

0-15 PSI #15632 0-100 PSI #15633

### **DIAPHRAGM SERVICE KITS**

Complete rebuild kits for your Aeromotive fuel pressure regulator. Note: If required, some kits will include spring as well.

| Kit #  | Applicable Regulators                 |
|--------|---------------------------------------|
| #13001 | 13101, 13109, 13151, 13159, 13114     |
| #13002 | 13102, 13103, 13152, 13153            |
| #13003 | 13105, 13155, 13106, 13107, 13115, 13 |
| #13004 | 13110, 13224, 13134, 13304, 13305     |
| #13005 | 13201, 13205, 13211, 13215, 13217, 13 |
| #13006 | 13202, 13113, 13209, 13214, 13212, 13 |
| #13007 | 13203                                 |
| #13008 | 13204, 13207, 13254                   |
| #13009 | 13301, 13351                          |
| #13010 | 13208, 13210                          |
| #13701 | 13301, 13351 (Spring only)            |
| #13022 | 13222 WARNING : This product ca       |



80

100



20



# FILTERS

Finally, a place where bigger really is better. What defines an efficient filter? As little pressure drop as possible. How do you achieve a low pressure drop? Surface area. How do you get a lot of area into a compact in-line filter? Pleats. More pleats mean more surface area and in turn, better flowing filters. Aeromotive in-line filters boast the most surface area absolutely possible for the highest flowing filters.

Our fuel filters aren't just better on the inside, they are arguably the most appealing filter in the industry on the outside. They are machined out of aircraft-grade billet aluminum alloy and precision coated with your option of bright dip red or black anodizing, hardcoat, and even a nickel plated finish in our Platinum Series.

01

Variety, quality, unmatched performance, and finish leave all other filters in the dust. Don't trust your investment with any other filter.

| THE In-line<br>Fuel Filter<br>GUIDDE |                           | Four of the other of the other of the other othe |  |   |  |  |  |  |  |
|--------------------------------------|---------------------------|--|--|---|--|--|--|--|--|
| include (                            | x1) filter housing o-ring | 100 MICRON<br>STAINLESS MESH<br>ALL FUELS  | 40 MICRON<br>STAINLESS MESH<br>ALL FUELS                   | <b>10 MICRON</b><br>CELLULOSE<br>GAS & DIESEL   | 10 MICRO GLASS<br>E85 / ALCOHOL                                      |  |  |  |  |
|                                      | <b>3/8" NPT</b><br>3.5″−  | 12316 - RED<br>12366 - PLATINUM<br>12616 - ELEMENT   | 2) 12303 - RED<br>12353 - PLATINUM<br>12603 - ELEMENT      |   |  |  |  |  |  |
|                                      | <b>ORB-10</b><br>5.5"     | 12304 - RED<br>12324 - BLACK<br>12354 - PLATINUM<br>12307 - HARD COAT<br>12604 - ELEMENT<br>12614 - CRIMP ELEMENT  | 12335 - RED<br>12330 - BLACK<br>12635 - ELEMENT            | 12301 - RED<br>12321 - BLACK<br>12351 - PLATINUM<br>12306 - HARD COAT<br>12601 - ELEMENT                            | 12340 - RED<br>12350 - BLACK<br>12346 - HARD COAT<br>12650 - ELEMENT |  |  |  |  |
|                                      | 2.5"ORB-12<br>7"          | 12302 - PRO SERIES<br>12352 - PLATINUM<br>12309 - HARD COAT<br>12602 - ELEMENT   | 12342 - PRO SERIES<br>12343 - HARD COAT<br>12642 - ELEMENT | 12310 - PRO SERIES<br>12360 - PLATINUM<br>12311 - HARD COAT<br>12610 - ELEMENT                                      | 12339 - PRO SERIES<br>12341 - HARD COAT<br>12639 - ELEMENT           |  |  |  |  |
|                                      | ALE END AN-06             | 12349 - BLACK  | 12348 - BLACK  | 12347 - BLACK   | 12345 - BLACK  |  |  |  |  |
|                                      | AN-08                     | 12379 - BLACK  | 12378 - BLACK  | 12377 - BLACK   | 12375 - BLACK  |  |  |  |  |
|                                      | AN-10                     | 12389 - BLACK  | 12388 - BLACK  | 12387 - BLACK   | 12385 - BLACK  |  |  |  |  |
|                                      | 5.5"                      | 12604 - ELEMENT  | 12635 - ELEMENT  | 12601 - ELEMENT   | 12650 - ELEMENT  |  |  |  |  |
| SI                                   | ORB-12                    | 12331 - BLACK<br>12604 - ELEMENT<br>12332 - BLACK  | 7.375″ long x 2″ diameter<br>8.875″ long x 2.5″ diameter   | Features<br>- Proprietary stainless steel sh<br>- 100 micron stainless steel filt<br>- Please see the following pag | ter element.   |  |  |  |  |
|                                      | IISTER                    | 12602 - ELEMENT<br>12318 - RED & POLISH<br>12319 - RED & BLACK<br>12618 - ELEMENT  |  | 12308 - RED & POLISH<br>12317 - RED & BLACK<br>12358 - PLATINUM<br>12608 - ELEMENT                                  |  |  |  |  |  |

A WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

40



### **IN-TANK PRE-FILTER**

The new Stealth Pre-Filter is installed inside the tank. It replaces the fuel cell outlet bulkhead with a unique bulkhead fitting that provides support for the filter on the inside while providing the high-flow connection needed to feed the pump on the outside.

#12612 AN-10 male flare - 100-micron stainless steel element #12613 AN-12 male flare - 100-micron stainless steel element

**#12606** Stealth 100m Crimped Element - screws onto existing ORB-10 cell bulkhead, or add #15646

### **DUAL OUTLET**

Dual Outlet Fuel Filters with secondary outlet port. Available in ORB-10 and ORB-12 port sizes. They eliminate the need for additional fittings and y-blocks, allowing you to feed separate systems from one filter.

- Features 10-micron fabric filter elements.
- · Port plug for secondary port included.

#12333 : ORB-10 ports with ORB-06 secondary port. #12334 : ORB-12 ports with ORB-08 secondary port.





## SHUT-OFF FILTER

Ever take a fuel bath when changing your filter? We have a solution! Cleaning and replacing your filter elements used to mean draining your gas tank. The Aeromotive Shutoff Valve Fuel Filters allow you to shutoff fuel flow and replace your filter elements with little or no fuel loss. Both feature 100-micron stainless steel elements and are recommended for use between the fuel cell or sumped tank and the fuel pump inlet.

- Proprietary stainless steel shutoff valve design.
- 100-micron stainless steel filter element.
- Type II bright dip black anodized assembly and red anodized billet aluminum shutoff valve handle.
- Perfect for pre-pump filtration.

#12331 - ORB-10 ports (Dimensions: 7.375" long x 2" diameter) #12332 - ORB-12 ports (Dimensions: 8.875" long x 2.5" diameter)

### **MOUNTING BRACKETS**

2" ORB-10 Billet Clamp #12305 PLATINUM #12355

2.5" ORB-12 Billet Clamp #11703 PLATINUM #11763

2" Spring Clip #12701

2.5" T-Bolt Clamp #12702



# **FUEL RAILS**

Billet fuel rails that actually fit. The advantage of a company that understands engineering, design and manufacturing, is peace of mind. When you buy a set of rails from Aeromotive, you can be assured they will fit and deliver as promised, not leak and disappoint.

Our Rail Systems take fuel rails to another level. Adding innovative couplers allow you to install our rails on many popular domestic and import performance vehicles, while utilizing our specifically designed billet fuel pressure regulators for added tuning control.





Systems : Includes Rails, Regulator, Fuel Line, Fittings and Hose Ends Rail Kit: Includes Fuel Rails only



#### **4.6L MUSTANG**

| Rail Kit | #14103 | '96 - 04 SOHC GT Kit   |
|----------|--------|--|
| Rail Kit | #14104 | '96 - 98 1/2 DOHC Cobra Kit  |
| Rail Kit | #14111 | '98.5 - 04 DOHC Cobra Kit  |
| Rail Kit | #14116 | '05-10 3-valve GT Kit  |
| System   | #14119 | '98.5-04 SOHC GT, Returnless   |
| System   | #14125 | '96-98.5 SOHC GT, Return-Style   |
| System   | #14120 | '96-98.5 DOHC Cobra, Return-Style                                      |
| System   | #14122 | '98.5 - 04 DOHC Cobra, Returnless                                      |
| System   | #14124 | 05 - 10 3-valve GT, Returnless   |
| System   | #17114 | Fuel Pressure Sensor Relocation Kit (also available separately #15110) |

#### 5.0L MUSTANG

Rail Kit #14101 86 - 95 GT & Cobra Kit System #14102 GT & Cobra, Return-Style

#### 5.4L TRUCK+SUV

Rail Kit #14110 99-04 Lightning/Harley Kit Rail Kit #14117 97-05 2-Valve Truck & SUV Kit System #14127 99-04 Lightning/Harley, Return-Style System #14118 97-05 2-Valve Truck & SUV, Return-Style

#### 5.4L GT500

Rail Kit #14144 07-09 GT500 Kit System #14145 07-09 GT500, Returnless

#### **5.0L COYOTE**

Rail Kit #14130 11-16 5.0L Coyote Mustang GT

#### **COBRAJET**

Rail Kit #14141 10-12 5.4L Cobra Jet Mustang \*Black Anodized

# GM

#### **FUEL RAIL KITS**

#14106 97 - 04 LS1, 01 - 05 LS6 Kit #14113 05 - 06 Cadillac Northstar Kit #14114 05 - 06 LS2 Kit #14115 GM LS3 / L76 Kit #14131 96 - 07 GM Supercharged 3.8L Kit #14142 LS7 Corvette Kit #14147 Edelbrock® LS1 Intake (29085) Kit

#### **FUEL RAIL SYSTEMS**

**#14139** 98 - 02 LS1 F-Body, Returnless #14139 04 LS1 GTO, Returnless #14128 99 - 04 LS1 Corvette, Returnless #14129 99 - 03 1/2 LS1 Corvette, Return-Style

Fuel Rail Kit : rails only Fuel Rail System: includes rails, regulator, fuel line, fittings and hose ends

**S**GTS

EROMOTIV

Fuel System

**MSGIKEN** 

WHITELINE

# SUBARU

**FUEL RAIL KITS** 

#14134 Top Feed 2002-2014 WRX & 2007-2015 STI #14136 Side Feed 2002-2014 WRX & 2007-2015 STI

#### FUEL RAIL SYSTEMS

Regulator, port fittings, fuel lines and hose-ends, gauge, OEM supply and return line adapter fittings

#14135 Top Feed 2002-2014 WRX & 2007-2015 STI #14137 Side Feed 2002-2014 WRX & 2007-2015 STI

# MOPAR

FUEL RAIL KITS #14146 - Chrysler 5.7L & 6.1L HEMI #14158 - Mopar Gen 4 - 8.4L (V10) Viper Kit

#### **SPECIALTY FUEL RAILS**

- #14148 SBC Victor "E" (29785) Kit #14149 SBF Super Victor EFI Intake Kit (29285 & 29245) **#14105** Mitsubishi 4G63 **#14132** Mitsubishi EVO 2003-2007 **#14163** Volkswagen / Audi 1.8L Turbo
- **#14112** Acura Integra 1994-2001

### **MAKE YOUR OWN**

**#14107** Unmachined Raw Extrusion (17.75" length, one each)

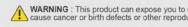


- Telescoping center line is 7.700" to 13.450".
- ORB-10 inlet and outlet ports.
- (x 2) 1/8" NPT ports for gauges or pressure transducers.
- 1.056 / .806" ID bore.
- Type II bright dip black anodized finish.

#### #14201 4150/4500 Holley-style float bowls #17248 - Includes A2000 Bypass 2-port Regulator #13212

#17249 - Includes Double Adjustable Bypass Regulator #13214

**Conversion Kits / Inlet Replacements** #14202 Demon style float bowls (9/16 x 24 Thread) #14001 - Seal Rebuild Kit for Fuel Logs #17250 - Includes A2000 Bypass 2-port Regulator #13212 #14002 - Inlets / Standoffs for Demon Style Inlet #17251 - Includes Double Adjustable Bypass Regulator #13214 #14003 - Inlets / Standoffs for 4150/4500 Holley Style Inlet #14203 Holley Ultra HP-Style float bowls (3/4 x 16 Thread) #14004 - Inlets / Standoffs for 3/4 x 16 Thread (Ultra HP)





AEROMOTIVE

### **ORB-AN FLARE WITH GAUGE ADAPTER**





ORB-06 AN-06 MALE FLARE 1/8" NPT Port #15694 ORB-08 AN-08 MALE FLARE 1/8" NPT Port #15695 ORB-10 AN-10 MALE FLARE <sup>1</sup>/<sub>8</sub>" NPT Port #15696

# **FUEL PRESSURE** GAUGE

**Featuring Built-In Equalizer Pin** 

While there are many advantages to the liquid filled design, there has always been an inherent issue: when underhood temperature increases, so does the oil inside the gauge. As the oil heats up and expands this causes the pressure inside the gauge to read differently. These gauges offer a pressure relief valve that equalizes pressure between the atmosphere and the gauge when activated.

0-15 PSI #15632 0-100 PSI #15633

- Includes integral pressure relief valve, for accurate readings during hot conditions
- Standard 1/8" NPT
- 1.5" Diameter
- Available for both EFI and carb applications
- Liquid-filled for increased durability

**Did You Know?** 

Most liquid-filled gauges can give false readings due to the pressure

created by heat under the hood.

100

pull pin to eq

### FUEL PUMP SPEED CONTROLLER #16306

For any pump, on any type of vehicle, the Aeromotive Fuel Pump Speed Controller (FPSC) minimizes fuel heating and vapor-lock problems by matching the duty cycle of the fuel pump to engine RPM. At low demand, the FPSC slows the fuel pump down, reducing the chance of suction side cavitation and vapor lock. When demand increases, the FPSC returns the fuel pump to 100% duty cycle for maximum flow. It's like an automatic transmission for your fuel pump.

- Adjustable idle and full-speed RPM threshold. Uses pulse modulation to smoothly ramp speed up and down • LED indicators confirm correct ignition signal hookup, verifies activation of the manual override circuit, and indicates when the circuit is providing full voltage to the pump.
- A solid-state transistor circuit, rated up to 40 amps, replaces the relays recommended in most fuel pump electrical circuits.
- Billet 6061-T651 aircraft aluminum housing, protected with a beautiful bright dip black anodized finish.
- Complete installation kit includes: wire, override toggle switch, installation hardware, and instructions.

Avoid any device that reduces voltage to your fuel pump. Low voltage will destroy a 12V DC motor. The Aeromotive FPSC DOES NOT reduce voltage! The FPSC emits a pulse modulation signal that is harmless to the pump's motor.

**FUEL PUMP WIRING KIT** #16301-30 AMP









| ORB-06 | AN-06 MALE FLARE | 90°       | #15689 |  |
|--------|------------------|-----------|--------|--|
| ORB-10 | AN-08 MALE FLARE | 90°       | #15690 |  |
| ORB-10 | AN-10 MALE FLARE | 90°       | #15691 |  |
| ORB-08 | AN-08 HOSE END   | TIGHT 90° | #15665 |  |

### **ORB SWIVEL**

| ORB-08 | ORB-10                 | #15638 |
|--------|------------------------|--------|
| ORB-10 | ORB-10                 | #15640 |
| ORB-12 | ORB-12                 | #15680 |
| ORB-08 | ORB-06                 | #15681 |
| ORB-10 | ORB-12                 | #15682 |
| ORB-10 | ORB-10<br>w/ ORB-06 Pc | #15639 |

ORB Y-BLOCK

#15620 - (x1) ORB-10 and (x2) ORB-08



EROMOTIO

#15671

### **STRAIGHT AN**

AN-06 Straight #15650 AN-08 Straight AN-10 #15656 AN-12 Straight #15659



### 45° SWIVEL

| AN-06 | 45° | #15651 |
|-------|-----|--------|
| AN-08 | 45° | #15654 |
| AN-10 | 45° | #15657 |
| AN-12 | 45° | #15660 |

FORD FUEL TANK **BILLET RETURN ADAPTER** #18603 - ORB-08 RETURN PORT



### **ORB** TO AN FLARE





|   | Sa |
|---|----|
| / |    |

-12 to (2)-12 #15679

-12 to (2)-10 #15678

-10 to (2)-10 -12 to (2)-8 #15677

#15676

-10 to (2)-8 #15675

#15674

-8 to (2)-8 -8 to (2)-6 -6 to (2)-6 -6 to (2)-4 #15672 #15673

**AN Y-BLOCKS** 

| BUL   | <b>KHEAD FITT</b>  | INGS   | Fuel Cell |
|-------|--------------------|--------|-----------|
| AN-06 | Fuel Cell Bulkhead | #15644 |           |
| AN-08 | Fuel Cell Bulkhead | #15645 |           |
| AN-10 | Fuel Cell Bulkhead | #15646 |           |
| AN-12 | Fuel Cell Bulkhead | #15647 | -         |
| AN-06 | AN-06 Male Flare   | #15684 |           |
| AN-08 | AN-08 Male Flare   | #15685 |           |
| AN-10 | AN-10 Male Flare   | #15686 | and       |
| AN-12 | AN-12 Male Flare   | #15687 | Male Flar |

Replacement Nylon Washer (2 pk) #15044 AN-06 AN-08 Replacement Nylon Washer (2 pk) #15045 AN-10 Replacement Nylon Washer (2 pk) #15046 Replacement Nylon Washer (2 pk) #15047 AN-12



| ORB-10 | HEX  | #15617 |
|--------|--|--------|
| ORB-08 | Slim Line                                      | #15618 |
| ORB-06 | HEX  | #15626 |
| ORB-06 | HEX - <sup>1</sup> / <sub>8</sub> " Gauge Port | #15697 |
| ORB-08 | HEX - 1/6" Gauge Port                          | #15637 |

**Banjo Fitting** ORB-08 / AN-06 Male Flare #15636

uding chromium, which is known to the State of California to



| AN FI | ARE L | JNION  |
|-------|-------|--------|
| AN-06 | AN-06 | #15602 |
| AN-08 | AN-08 | #15603 |
| AN-10 | AN-10 | #15604 |
| AN-12 | AN-12 | #15611 |
| AN-08 | AN-06 | #15614 |





| AN-06 | 90° | #15652 |  |
|-------|-----|--------|--|
| AN-08 | 90° | #15655 |  |
| AN-10 | 90° | #15658 |  |
| AN-12 | 90° | #15661 |  |

| 180°  | SW   | IVEL   |
|-------|------|--------|
| AN-08 | 180° | #15663 |

|  |  |   |   | 1 | 2 |  |
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|  |  |   |   |   |   |  |

| ORB-08 | AN-06 | #15605 |
|--------|-------|--------|
| ORB-06 | AN-06 | #15606 |
| ORB-08 | AN-08 | #15607 |
| ORB-10 | AN-10 | #15608 |
| ORB-10 | AN-06 | #15609 |
| ORB-10 | AN-08 | #15610 |
| ORB-12 | AN-12 | #15612 |
| ORB-12 | AN-10 | #15613 |
| ORB-04 | AN-04 | #15629 |
| ORB-08 | AN-10 | #15641 |
| ORB-10 | AN-12 | #15642 |
| ORB-06 | AN-08 | #15649 |

### **NPT/AN FLARE**

| <sup>3</sup> /8″ NPT              | AN-06 | #15615 |
|-----------------------------------|-------|--------|
| <sup>3</sup> /8" NPT              | AN-08 | #15616 |
| <sup>1</sup> / <sub>16</sub> "NPT | AN-04 | #15619 |
| <sup>1</sup> / <sub>16</sub> "NPT | 5/32" | #15630 |





### **ONE WAY CHECK VALVE** ORB-10 #15107 ORB-06 #15106

Our high flow one-way check valves are designed to prevent back-flow with minimal pressure drop. Ideal to prevent drain back after the fuel pump is turned off, or when dual pumps are used and both pumps may not run simultaneously.

- CNC-machined billet aluminum and Type II bright dip black anodized finish.
- AN O-ring male inlet/female outlet connections allow easy installation into fuel pump or filter outlet port without adding additional lines, hose ends or fittings. • Suitable for use with gasoline fuels only.

#### Ford Male Spring Lock Adapter

Ford 1/2" Male Spring Lock / AN-06 Feed Line Adapter : #15124

Ford 3/8" Male Spring Lock / AN-06 Feed Line Adapter : #15123

Ford 1/2" Male Spring Lock / AN-08 Feed Line Adapter : #15125



1/2" Quick Connect / ORB-10 #15128 3/8" Quick Connect / ORB-08 #15118 5/16" Quick Connect / ORB-06 #15117



| ORB-06 | Fuel Resistant Nitrile - 10 Pack | #15621 |
|--------|----------------------------------|--------|
| ORB-08 | Fuel Resistant Nitrile - 10 Pack | #15622 |
| ORB-10 | Fuel Resistant Nitrile - 10 Pack | #15623 |
| ORB-12 | Fuel Resistant Nitrile - 10 Pack | #15624 |



10 Port **Fuel Distribution Log** #14602 - (x2) ORB-10 and (x8) ORB-06



AN-08 Inlet Male Flare Adapter for Inline EFI Pump (#11109) : #15114



3/8" Quick Connect with AN-08 fuel access port and 1/8" NPT gauge port:#15121



5/16" Quick Connect with AN-06 Fuel Access port and 1/8" NPT gauge port: #15120



Demon Carb AN-06 to 9/16" x 24 Thread Float Bowl Fitting: #15207



1/16" NPT to AN-04 Vacuum Boost fitting for port on regulators : #15619

Ford 4.6L Sensor Adapter Log (2) ORB-08 Ports

#15112 - 1999-2004 Adapter

#15115 - 2005-2006 Adapter



1/16" NPT to 5/32" Hose Barb for vacuum/boost port on regulators : #15630



1/16" NPT Breather Vent for Vacuum / Boost port on Regulators : #15662



Fuel Pump Vibration Dampener Mounting Kit #11601

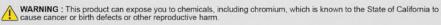


3/8" Female Spring-Lock / AN-06 Male (Ford Return Line):#15101





1/2" Female Spring-Lock / (2) AN-08 Male "T" (86-06 Ford Supply Line) #15102



5/8" Female to AN-10 Male

(GM LT-1 filter outlet) #15105

### REPLACEMENT **FILTER O-RINGS**

| 2" Diameter Filter Housings    | #12001 |
|--------------------------------|--------|
| 2.5" Diameter Filter Housings  | #12002 |
| 1.25" Diameter Filter Housings | #12003 |
| Canister Style Filter Housings | #12008 |
| A3000 Pre-Filter               | #12018 |



#### **REPLACEMENT STEALTH FILTER SOCKS**

| Phantom 200 & 340, includes gasket    | #12688 |
|---------------------------------------|--------|
| Phantom Dual #18309 - includes gasket | #12609 |
| Phantom Flex #18310 - includes gasket | #12611 |
| 340 Stealth Pump - #11540             | #12640 |
| 340 Stealth Pump - #11541 and #11542  | #12641 |
| 340 Stealth Pump - #11569             | #12669 |
|                                       |        |



Demon Carb AN-08 to 9/16" x 24 Thread Float Bowl Fitting : #15208



Holley AN-06 to 7/8" x 20 Thread Float Bowl Fitting : #15201



3/8" Male Quick Connect / AN-10 Male (GM LT-1 filter inlet): #15104



5/16" Male Quick Connect / AN-06 Male (Ford filter inlet / outlet): #15103

3/8" Male Quick Connect / (2) ORB-08 Male Flare "T" (GM pressure line) #15116



2x Male AN-08 x ORB-06 Port Tee with 1/8" NPT gauge port #15119

# STAINLESS STEEL RUBBER BRAIDED

| SIZE  | LENGTH | PART # |
|-------|--------|--------|
| AN-06 | 4′     | #15701 |
| AN-06 | 8′     | #15702 |
| AN-06 | 12′    | #15703 |
| AN-08 | 4′     | #15704 |
| AN-08 | 8′     | #15705 |
| AN-08 | 12′    | #15706 |
| AN-08 | 16′    | #15711 |
| AN-10 | 4'     | #15707 |
| AN-10 | 8′     | #15708 |
| AN-10 | 12′    | #15709 |
| AN-10 | 20′    | #15710 |
|       |        |        |



# MARINE





**Coast Guard** Certified

Hard Coat **Black Anodize** 

## FUEL SAMPLE VALVE #15631

Aeromotive's Billet Fuel Sample Valve is designed to simplify installation and make fuel checks a snap! Packed with common sense features, it's simply the best sample valve on the market.

- Installs into any 1/8" NPT gauge port.
- Provides a duplicate 1/8" NPT port on the valve for installation of fuel pressure gauge or pressure transducer.
- Sample port is equipped with a stainless steel barb fitting for extension hose and rotates 360° for ease of installation and sampling.
- The "dual action", spring-loaded safety valve keeps the valve sealed when unlocked and rotates into a locked position for racing



#17119 - 3/8" Quick Connect Sample Valve Kit, Fits most Ford Modular and GM LS Series Engines

# BILLET FUEL CELL

- 12 BOLT #18707 For Aeromotive Fuel Cells

- WELD-ON #18708 For Custom Fuel Cells - 3.5in











### **Fuel Filters**

| ORB-10 : 100m stainless | #12307 |
|-------------------------|--------|
| ORB-12:100m stainless   | #12309 |
| ORB-12:40m stainless    | #12343 |
| ORB-10:10m cellulose    | #12306 |
| ORB-12:10m cellulose    | #12311 |
| ORB-12:10m microglass   | #12341 |

### Regulators

| A1000 - Carb Bypass<br>Same as #13204               | #13207 |
|---|--------|
| A1000 - EFI Bypass<br>Same as #13101 - ORB-10 ports | #13114 |
| SS Series<br>Same as #13201 - ORB-06 Ports          | #1321  |
| <b>SS Series</b><br>Same as #13205 - 3/8"NPT Ports  | #1321  |



#### Same Legendary Performance

### **Fuel Pumps**

| A1000      | #11108 |
|------------|--------|
| ELIMINATOR | #11110 |
| SS SERIES  | #11211 |
| HO SERIES  | #11212 |







# **POWER PLANNER** GUIDE TO SUCESSFUL FUEL SYSTEMS 15672

### **IMPORTANT!**

The following are the basic solutions to the most common systems.

For more specific diagrams, or variables of the following,

visit AeromotiveInc.



RETURN ++++



#### **Refer To Filter Guide** on page 40 for all available options and finishes

= 100 MICRON ELEMENT



= E85 COMPATIBLE ELEMENT



Wiring Kit #16307

KEY



Pressure Gauge

0-15 psi #15632

0-100 psi #15633



10M = 10 MICRON ELEMENT



**Filter Brackets** 

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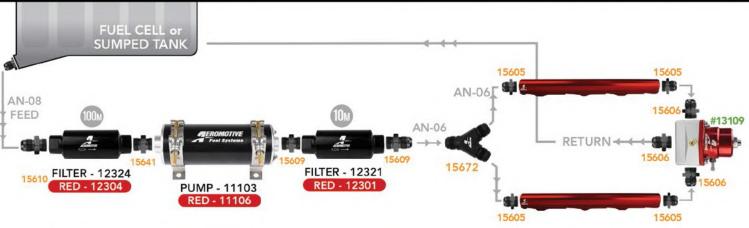






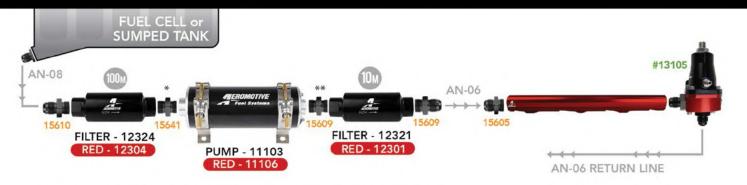
Fuel Line & Hose Ends





\* Pre Pump : Seperate the pump from filter with a #15610 fitting, #15607 fitting, and -08 line. \*\* Post Pump : Seperate the pump from filter with a #15606 fitting, #15609 fitting, and -08 line.

#### A750 FUEL INJECTED - SINGLE FUEL RAIL



\* Pre Pump : Seperate the pump from filter with a #15610 fitting, #15607 fitting, and -08 line. \*\* Post Pump : Seperate the pump from filter with a #15606 fitting, #15609 fitting, and -08 line.

## A750



\* Pre Pump : Seperate the pump from filter with a #15610 fitting, #15607 fitting, and -08 line. \*\* Post Pump : Seperate the pump from filter with a #15606 fitting, #15609 fitting, and -08 line.

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm

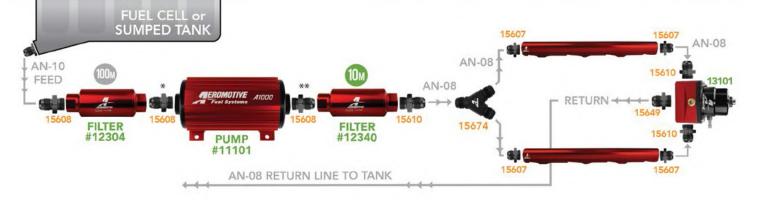
Fuel Pump Speed

Controller #16306

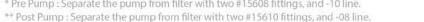
| *flywheel     | Naturally Aspirated | Forced Induction |
|---------------|---------------------|------------------|
| Fuel Injected | 800hp               | 600hp            |

Naturally Aspirated Forced Induction **Fuel Injected** 800hp 600hp

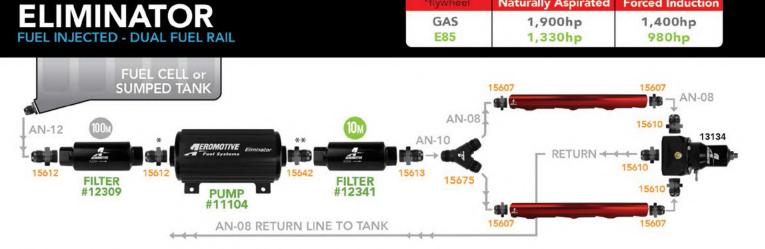
| 44000                                   | *flywheel  | Naturally Aspirated | Forced Induction |
|---|------------|---------------------|------------------|
| A1000<br>FUEL INJECTED - DUAL FUEL RAIL | GAS<br>E85 | 1,300hp<br>910hp    | 1,000hp<br>700hp |
|   |            |                     |                  |



\* Pre Pump : Separate the pump from filter with two #15608 fittings, and -10 line.







Naturally Aspirated Forced Induction

\* Pre Pump : Separate the pump from filter with two #15612 fittings, and -12 line.

\*\* Post Pump : Separate the pump from filter with a #15608 fitting, #15613 fitting and -10 line.



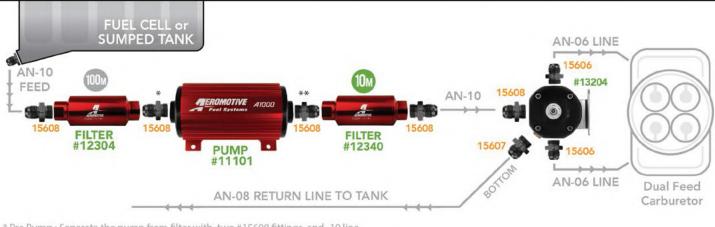


\* Pre Pump : Separate the pump from filter with two #15612 fittings, and -12 line. \*\* Post Pump : Separate the pump from filter with two #15613 fittings and -10 line.

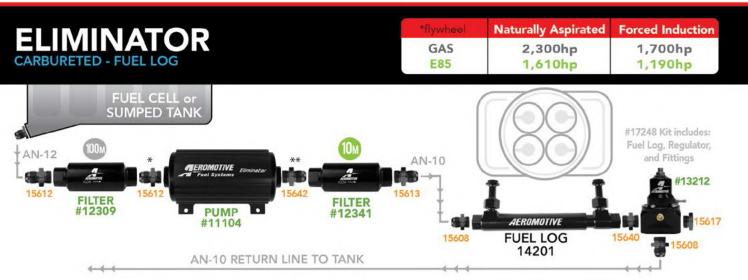
56

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

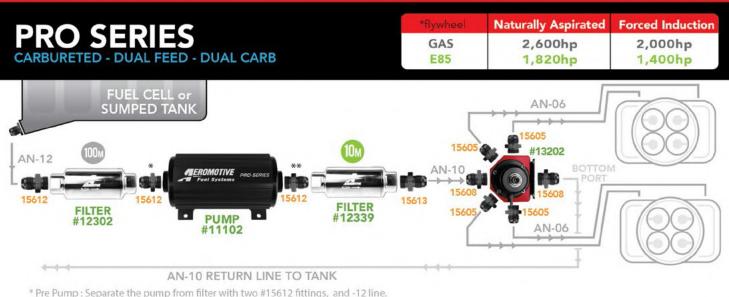
#### A1000 **CARBURETED - DUAL FEED - SINGLE CARB**



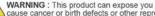
\* Pre Pump : Separate the pump from filter with two #15608 fittings, and -10 line. \*\* Post Pump : Separate the pump from filter with two #15608 fittings, and -10 line.



\* Pre Pump : Separate the pump from filter with two #15612 fittings, and -12 line. \*\* Post Pump : Separate the pump from filter with a #15608 fitting, #15613 fitting and -10 line.



\*\* Post Pump : Separate the pump from filter with two #15613 fittings and -10 line.



| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,500hp             | 1,200hp          |
| E85       | 1050hp              | 840hp            |

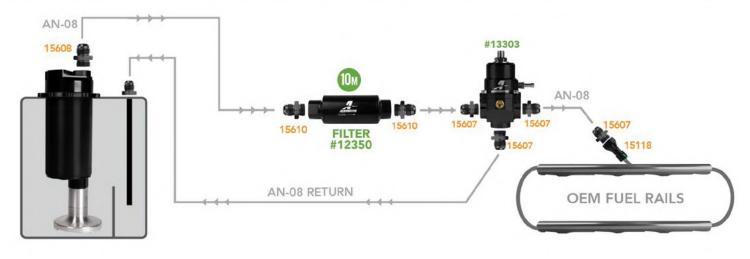
WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

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| BRUSHLESS A1000                |
|--------------------------------|
| FUEL INJECTED - DUAL FUEL RAIL |

| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,300hp             | 1,000hp          |
| E85       | 910hp               | 700hp            |

## BRUSHLESS A1000 CARBURETED - DUAL FEED - SINGLE CARB





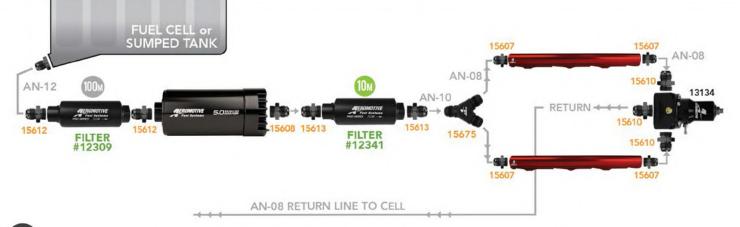
\* Pre Pump : Separate the pump from filter with two #15608 fittings, and -10 line. \*\* Post Pump : Separate the pump from filter with two #15608 fittings, and -10 line.

|                             | *flywheel  | Naturally Aspirated | Forced Induction |
|-----------------------------|------------|---------------------|------------------|
| BRUSHLESS <b>ELIMINATOR</b> | GAS<br>E85 | 1,900hp<br>1,330hp  | 1,400hp<br>980hp |
|                             |            |                     |                  |



\* Pre Pump : Separate the pump from filter with two #15612 fittings, and -12 line. \*\* Post Pump : Separate the pump from filter with a #15608 fitting, #15613 fitting and -10 line.





## BRUSHLESS **ELIMINATOR** CARBURETED - DUAL FEED - SINGLE CARB





\* Pre Pump : Separate the pump from filter with two #15612 fittings, and -12 line. \*\* Post Pump : Separate the pump from filter with a #15608 fitting, #15613 fitting and -10 line.

### **3.5** BRUSHLESS **GEAR PUMP** CARBURETED - DUAL FEED - DUAL CARB

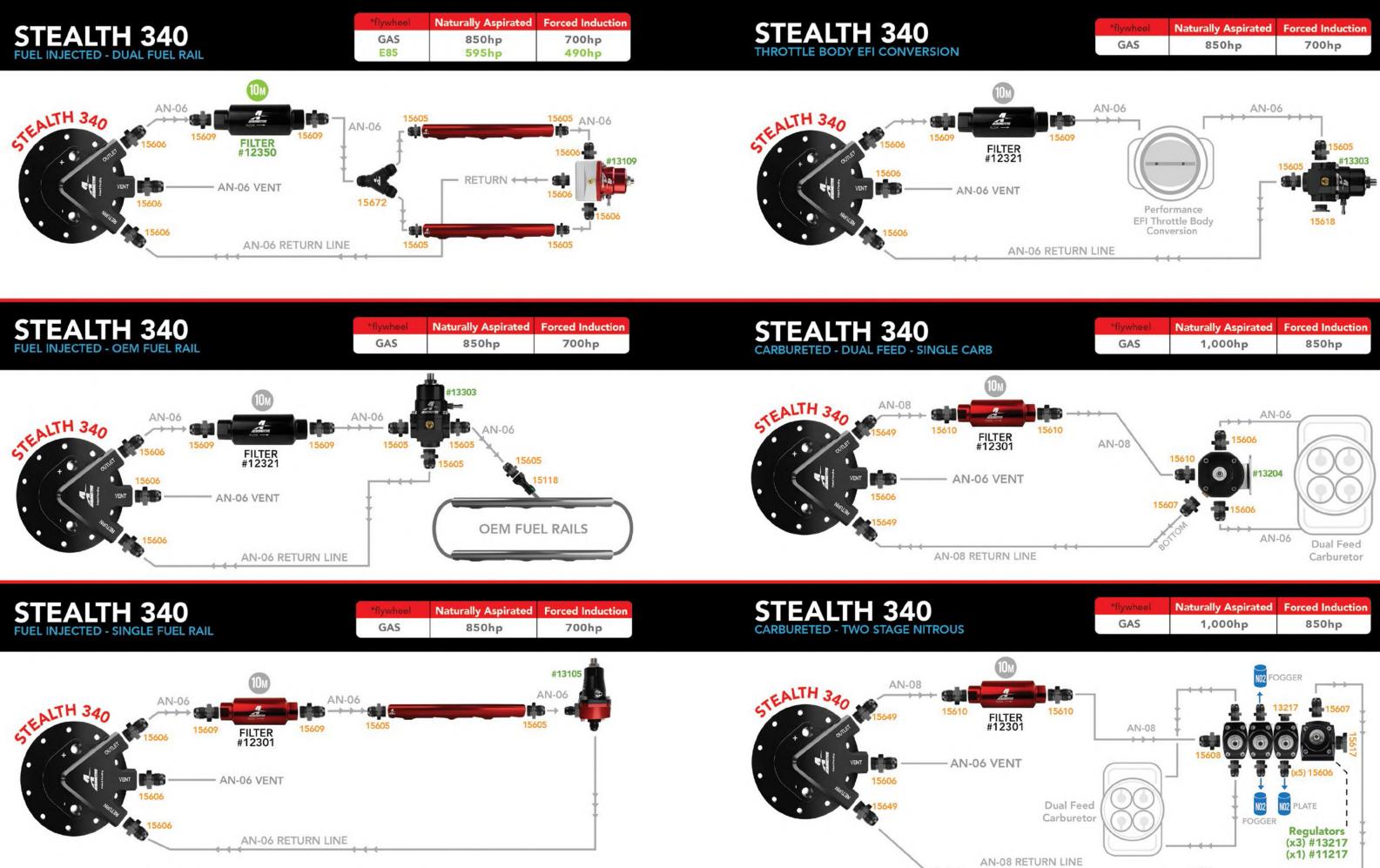


| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,500hp             | 1,200hp          |
| E85       | 1050hp              | 840hp            |





MARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.



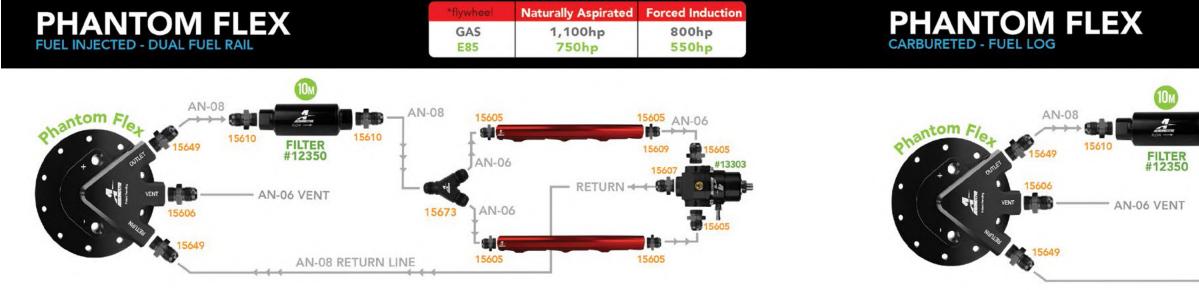
MARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

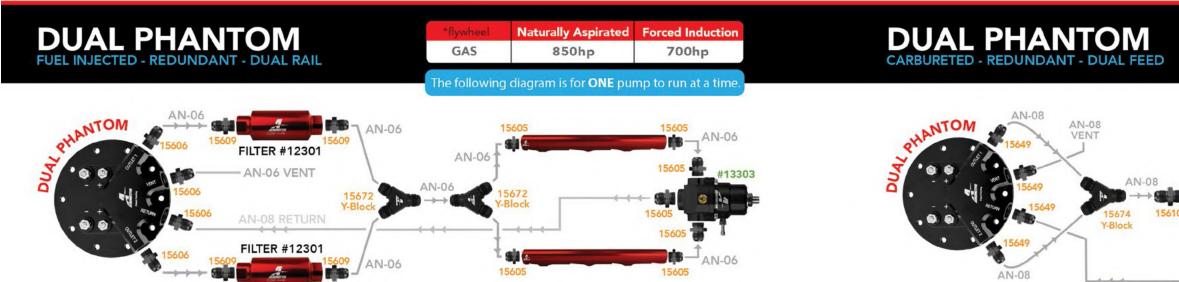
MARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.

| *flywheel | Naturally Aspirated | Forced Induction |  |  |
|-----------|---------------------|------------------|--|--|
| GAS       | 850hp               | 700hp            |  |  |

| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,000hp             | 850hp            |

| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,000hp             | 850hp            |







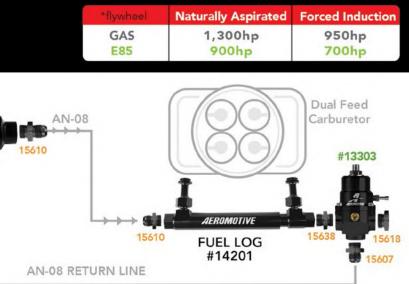




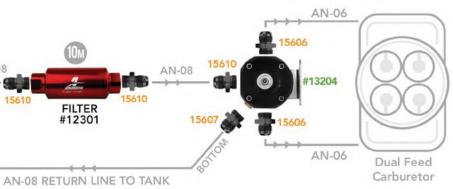
## TRIFEKTA PHANTOM



AN-08 RETURN LINE TO TANK







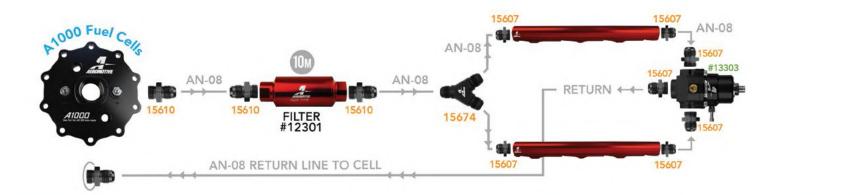


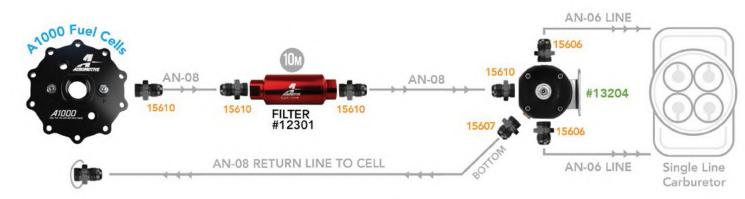
63

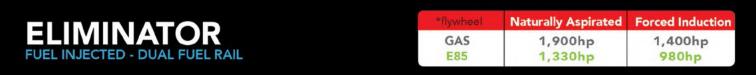
64

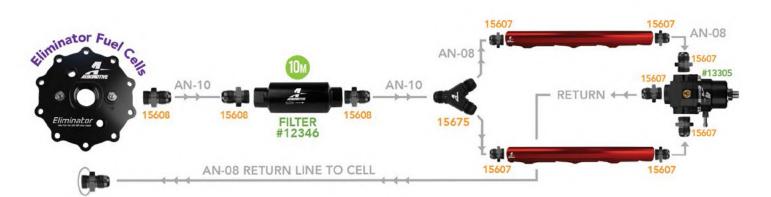
| *flywheel | Naturally Aspirated | Forced Inductio |  |  |
|-----------|---------------------|-----------------|--|--|
| GAS       | 1,300hp             | 1,000hp         |  |  |

#### A1000 **CARBURETED - DUAL FEED - SINGLE CARB**

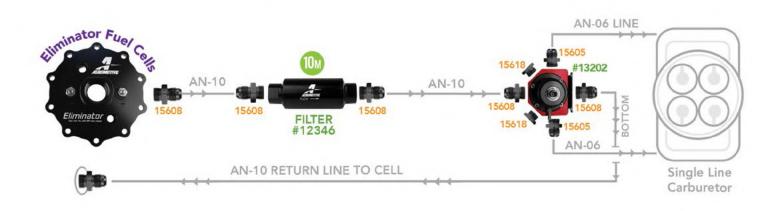




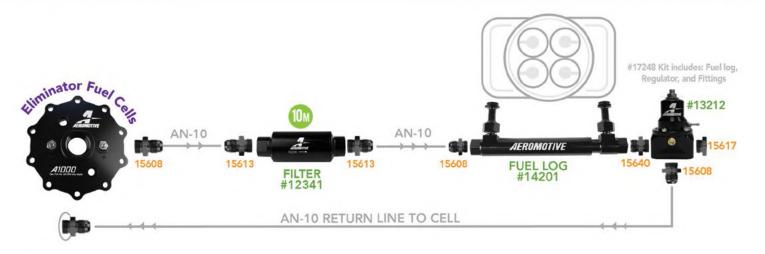


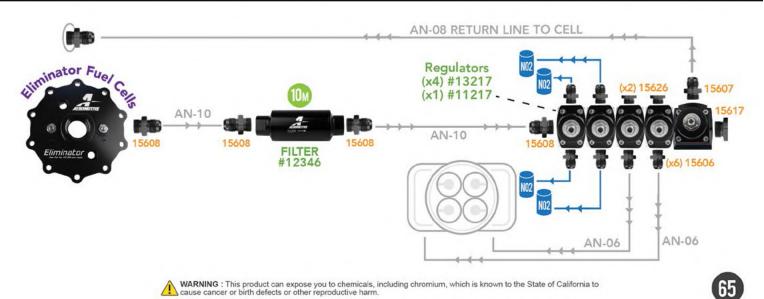


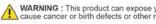




|                       | *flywheel | Naturally Aspirated  | Forced Induction     |   | *flywheel | Naturally Aspirated | Nitrous |
|-----------------------|-----------|----------------------|----------------------|---|-----------|---------------------|---------|
| ELIMINATOR            | GAS       | 2,300hp              | 1,700hp              | ELIMINATOR                                  | GAS       | 2,300hp             | 1,700hp |
| CARBURETED - FUEL LOG | E85       | <mark>1,610hp</mark> | <mark>1,190hp</mark> | CARBURETED - NITROUS - STACKABLE REGULATORS | E85       | 1,610hp             | 1,190hp |



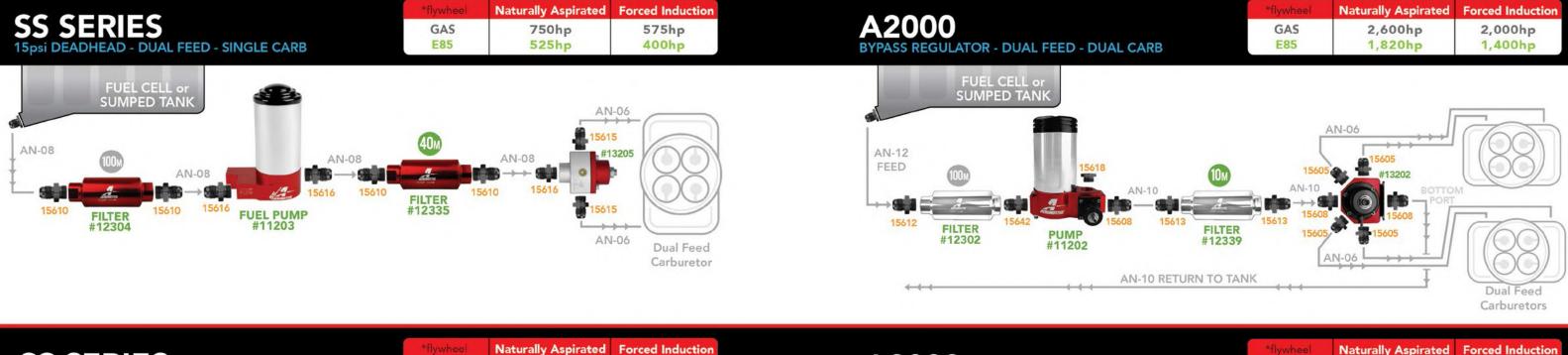




| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 1,500hp             | 1,200hp          |

| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 2,300hp             | 1,700hp          |
| E85       | 1,610hp             | 1,190hp          |

WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.





15610

FILTER

#12335

SIDE DRAFT

STYLE CARBS



15607

15610

15610

66

15607

15610

A3000 STACKABLE REGULATORS - DUAL FEED - DUAL CARB

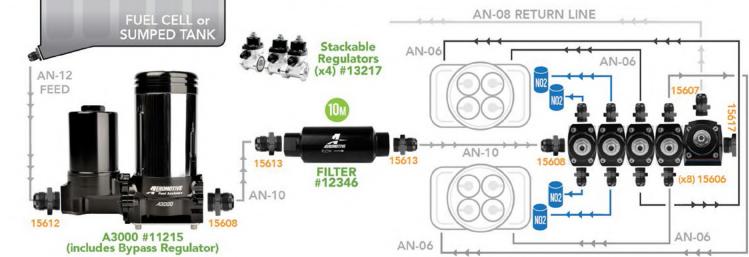
PUMP

#11202

15612

FILTER

#12302



| *flywheel | Naturally Aspirated | Forced Induction |
|-----------|---------------------|------------------|
| GAS       | 2,600hp             | 2,000hp          |
| E85       | 1,820hp             | 1,400hp          |

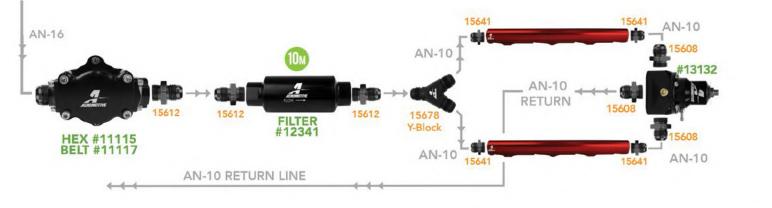
|      | *flywheel | Naturally Aspirated | Forced Induction |
|------|-----------|---------------------|------------------|
|      | GAS       | 2,600hp             | 2,000hp          |
| CARB | E85       | 1,820hp             | 1,400hp          |





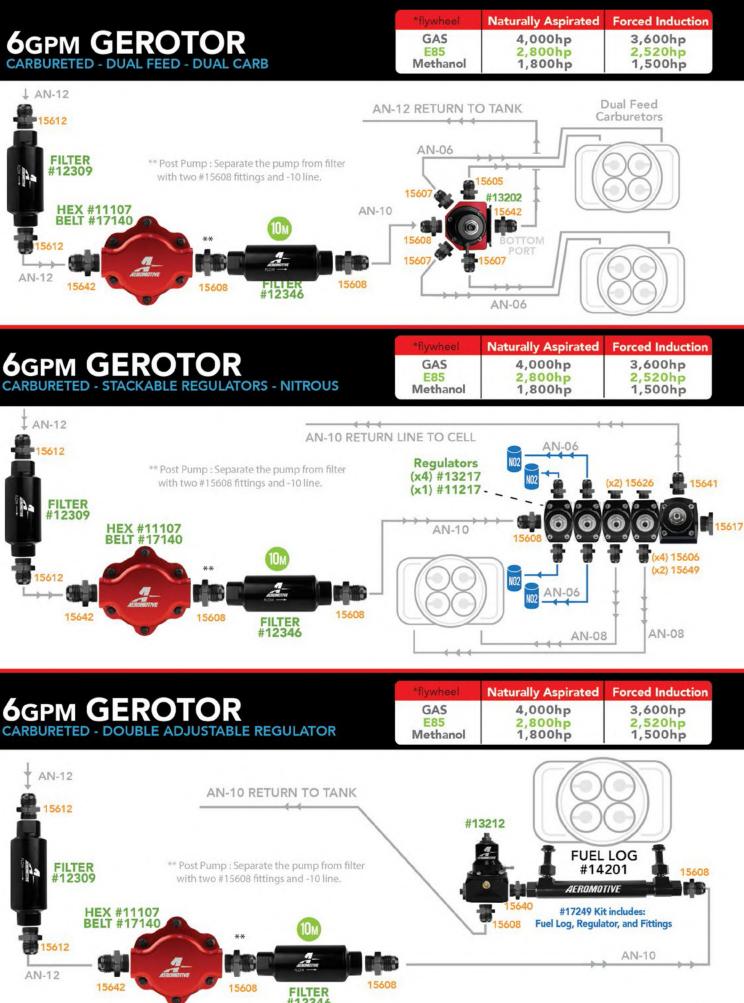


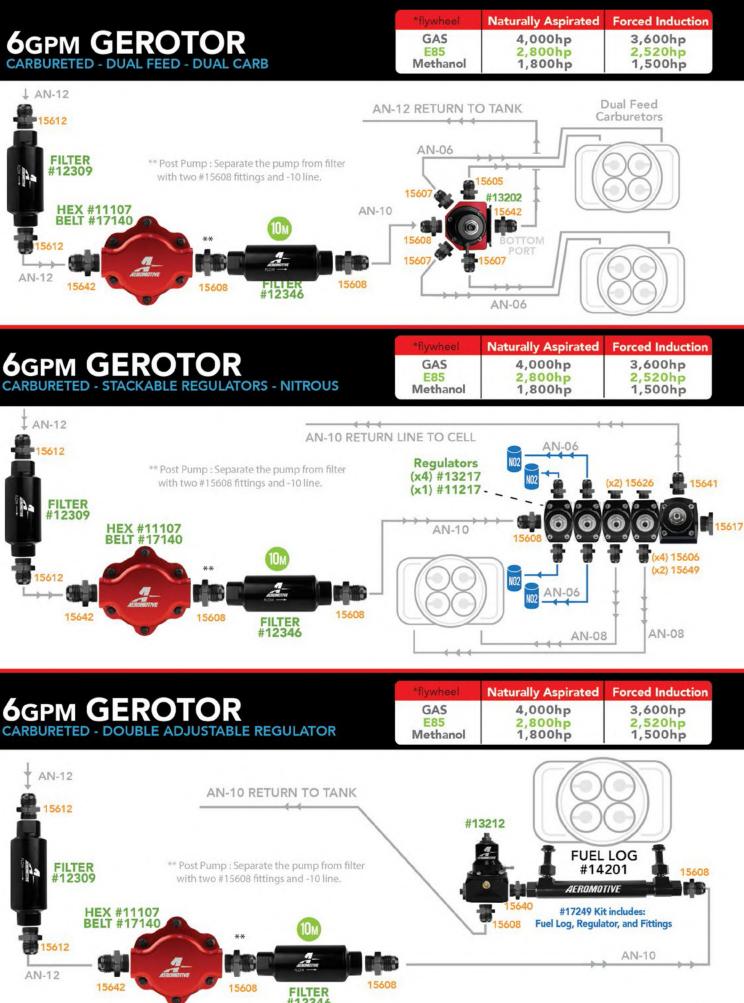
| *flywheel | Naturally Aspirated | Forced Induction |  |
|-----------|---------------------|------------------|--|
| GAS       | 8,000hp             | 7,000hp          |  |
| E85       | 5,600hp             | 4,900hp          |  |
| Methanol  | 3,000hp             | 2,500hp          |  |



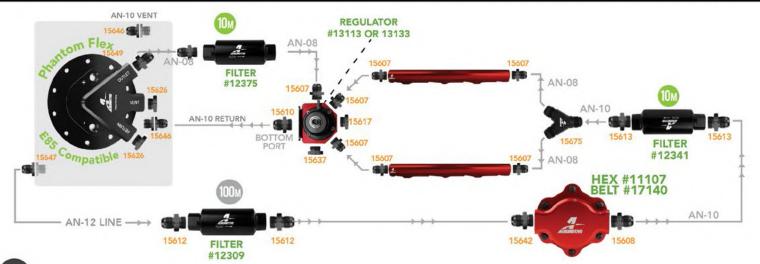
|  | *flywheel              | Naturally Aspirated           | Forced Induction                           |
|--|------------------------|-------------------------------|--|
| 6GPM GEROTOR<br>FUEL INJECTED - DUAL FUEL RAIL | GAS<br>E85<br>Methanol | 4,000hp<br>2,800hp<br>1,800hp | 3,600hp<br><mark>2,520hp</mark><br>1,500hp |



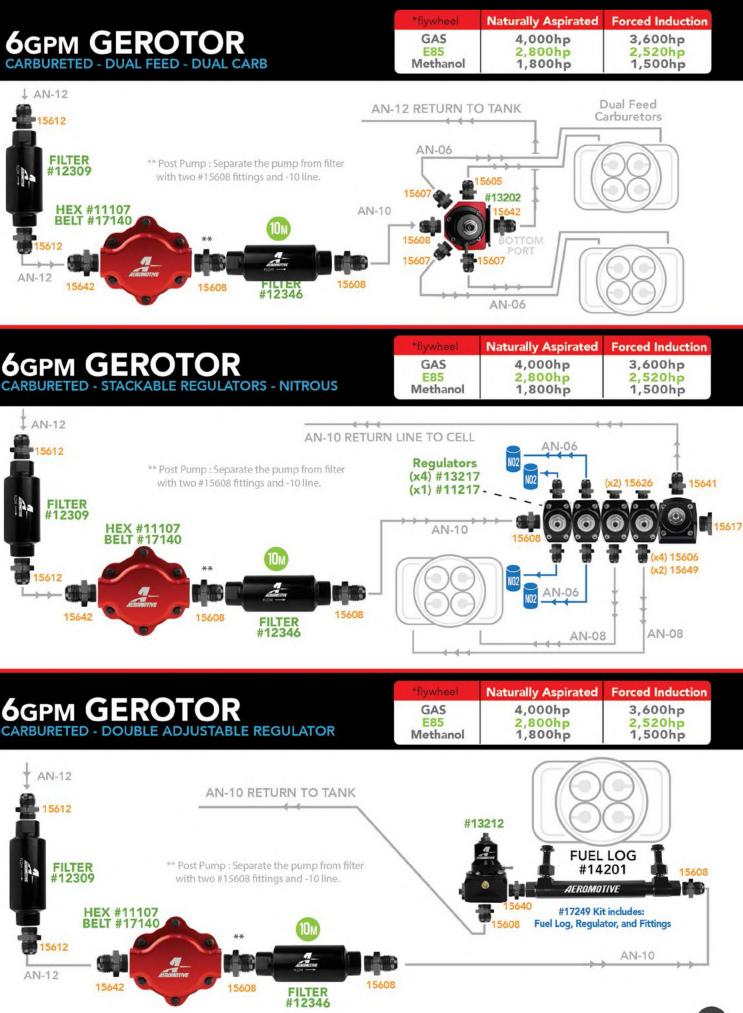








## **6GPM GEROTOR**



WARNING : This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.