



Edelbrock

EDELBROCK MUSTANG 5.0 4V

2015-17 COMPLETE SUPERCHARGER SYSTEMS

Edelbrock E-Force Supercharger systems will boost the performance of your Mustang to impressive levels without changing the daily driving characteristics. These Mustang Supercharger systems are exclusively designed to provide instant, reliable and safe horsepower for a stock Mustang with low boost for minimum stress on the engine. They feature minimum air restriction in and out of the supercharger, along with individual long intake runners for maximum low end torque for great off throttle performance. E-Force superchargers provide the most power at the lowest amount of boost, resulting in performance that is safe to operate on a completely stock engine.

STAGE 1 - STREET 2300 TVS / 690HP/588TQ ED1586
STAGE 2 - TRACK 2300 TVS / 731HP/588TQ ED15862
STAGE 3 - PRO-TUNER 2300 TVS / 785+HP/ 660 TQ ED15863



EDELBROCK FORD MUSTANG E-FORCE

SUPERCHARGERS

These Edelbrock E-Force Supercharger systems will boost the performance of your Mustang to impressive levels without changing the daily driving characteristics. These Mustang Supercharger systems are exclusively designed to provide instant, reliable and safe horsepower for a stock Mustang with low boost for minimum stress on the engine. They feature minimum air restriction in and out of the supercharger, along with individual long intake runners for maximum low end torque for great off throttle performance. E-Force superchargers provide the most power at the lowest amount of boost, resulting in performance that is safe to operate on a completely stock engine.

Stage 1 - Street

Application	Engine	TVS	HP	TQ	Tune Part No.
2015-17	5.0L 4V	2300	690	588	ED1586

Stage 2 - Track

Application	Engine	TVS	HP	TQ	Tune Part No.
2015-17	5.0L 4V	2300	731	589	ED15862
2015-17	5.0L 4V	2650	731	588	ED15864

Stage 3 - Pro tuner

Application	Engine	TVS	HP	TQ	Tune Part No.
2015-17	5.0L 4V	2300	785+	660+	ED15863



CHEVROLET CAMARO SS SUPERCHARGER KIT

426 horsepower not enough? Take an already high performance street car to the next level with an Edelbrock E-Force Supercharger! These supercharger systems are exclusively tailored for the Chevrolet Camaro's and feature 12" long intake runners that allow for maximum low end torque. Its compact design fits under the stock hood and compliments the clean look of the engine compartment. HP & TQ are rear wheel figures.

Application	Engine	TVS	HP	TQ	Tune Part No.
2016	LT1	2300	580	548	ED1558
2016-17	LT1	2650	580	548	ED15595

TURBOS & ACCESSORIES

PRECISION TURBO & ENGINE

PRECISION TURBOS

Since 1987, Precision Turbo and Engine (PTE) has been a leader in high performance turbocharger technology for street and race applications. With over 183 World Championships and 305 world records since 2008, PTE has a long-standing history of building turbochargers that dominate on a global scale. Our diverse lines of replacement, upgrade, and custom turbochargers have set the standard for unmatched quality and unparalleled performance since the late 1990s. Precision Turbo & Engine was the first to develop a complete, innovative line of turbochargers featuring the highly successful CNC-machined Competition Engineered Aerodynamics (CEA®) compressor and turbine wheels which boast never before seen levels of technology and engineering advancements in turbocharger wheel design. Precision's turbochargers featuring the new CEA® wheels are a great option for racers who want to make more power without having to sacrifice weight or cost.

Technology is key at Precision's manufacturing facility, which is conveniently located in Northwest Indiana. The combination of our central location and our fully computerized ordering and shipping system allows us to process and ship orders throughout the United States and around the world efficiently. PTE is committed to keeping racers well ahead of the competition by constantly innovating, and engineering the best turbos on the market. Precision customers were the first to break the 6-second barrier in Sport Compact racing, and the 200MPH barrier in Super Street Outlaw. PTE Boosted vehicles have also won championships and set records in multiple sanctioning bodies including, NHRA, PDRA, ADRL, NTPA, PPL, NMRA, NMCA, PSCA, WCHRA, ORSCA, OTTPA, Fun Ford, NEOPMA, NSCA, and many more.

Additionally, PTE manufactures its own line of inter-coolers, boost control products, fuel injectors, High Performance Lubricants (HPL Oil), and is a distributor for stand-alone engine management systems and fuel components. PTE knows what it takes to put together the perfect unit to boost you ahead of the competition. You can trust PTE to get you where you want to be: the winner's circle!



Class Legal Turbocharger
 - GEN2 Pro Mod 85 for X275 -
 HP Rating 1,550



Entry Level Turbocharger -
 5531 - HP Rating 520



Entry Level Turbocharger -
 PT88 MFS - HP Rating 1,250



Factory Upgrade Turbocharger - Ford Falcon
 XR6 (GEN2 6466 CEA)



Street and Race Turbocharger
 - GEN2 Pro Mod 88 CEA - HP
 Rating 1,650



Street and Race Turbocharger -
 GEN2 Pro Mod 102 CEA W 105mm
 TW - HP Rating 2,250



LS-Series PT 7675 Turbocharger
 - HP Rating 1150



**GEN2 Pro Mod 88 XPR CEA
 Turbocharger** - HP Rating 1850



**PTE PB64 64mm
 Blow Off-Valve (BOV)**



**Pro Series CO2 66mm
 Wastegate**

Garrett



Internal Wastegate Turbochargers

GT1241 Part No. GT756068-5001
 - 0.33 AR Comp Housing and 0.43 Turbine Housing - Internally Wastegated 70-130 HP. Non Ball Bearing - Small applications only

GT2871R Part No. GTSB88031
 - 0.6 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 320 HP. T25 Flange - Suitable upgrade for the SR20 engine, but requires some minor modifications



GT2871R Part No. GTSB88031A
 - 0.6 AR Comp Housing and 0.86 Turbine Housing - Internally Wastegated 350 HP. T25 Flange - Suitable upgrade for the SR20 engine, but requires some minor modifications

GT2871R Part No. GTSB88032
 - 0.6 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 3850 HP. T25 Flange - Suitable upgrade for the SR20 engine, but requires some minor modifications

GT2871R Part No. GTSB88032A
 - 0.6 AR Comp Housing and 0.86 Turbine Housing - Internally Wastegated 400 HP. T25 Flange - Suitable upgrade for the SR20 engine, but requires some minor modifications

GT2560R Part No. GT466541-5001
 - 0.60 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 250-350 HP. T25 Flange - Commonly known as GT28R. Bolt on replacement for 180SX with CA18 engine. Some minor modifications may be required

GT2860R Part No. GT707160-5005
 - 0.6 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 320 HP. T25 Flange - RB26 Direct Replacement, but best suited to modified engines

GT2860R Part No. GT707160-5007
 - 0.6 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 320 HP. T25 Flange - Direct bolt on upgrade for the RB26DET. Has minimal lag and is a good all round performer

GT2860R Part No. GT707160-5010
 - 0.7 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 350 HP. T25 Flange - Bolt on upgrade for the RB26DET. Similar to the 707160-5005. Best suited to a modified engine. Actuator not included

GT2860RS Part No. GT739548-5001
 - 0.6 AR Comp Housing and 0.86 Turbine Housing - Internally Wastegated 320 HP. T25 Flange - Commonly known as the "Disco Potato" or GT28RS. Great upgrade turbo for the SR20 engine, although some minor modifications are required to air intake and boost outlet piping



GT2860RS Part No. GT739548-5005
 - 0.6 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 300 HP. Ball Bearing - Similar to Disco Potato but smaller turbine housing

GT2871R Part No. GT743347-5002
 - 0.6 AR Comp Housing and 0.86 Turbine Housing - Internally Wastegated 380 HP. T25 Flange

GT2876R Part No. GTSB88004
 - 0.7 AR Comp Housing and 0.64 Turbine Housing - Internally Wastegated 350 HP. T25 Flange - Upgrade turbo for 1.8L to 2.2L



GT2876R Part No. GTSB88005
 - 0.7 AR Comp Housing and 0.86 Turbine Housing - Internally Wastegated 440 HP. T25 Flange - Upgrade turbo for 1.8L to 2.2L

GT3071R Part No. GT700382-5003
 - 0.5 AR Comp Housing and 0.64 Turbine Housing (T25 Style) - Highest flowing Ball Bearing turbo in the Garrett Range, using the "T25" style Wastegated turbine housing - No Actuator Supplied

GT3071R Part No. GT700382-5020
 - 0.5 AR, 4" Inlet Comp Housing and 0.86 Turbine Housing (T25 Style) - Highest flowing Ball Bearing turbo in the Garrett Range, using the "T25" style Wastegated turbine housing - No Actuator Supplied

GT3082-IW Part No. GT774150-5001
 - 0.70 AR Comp Housing and 1.06 Turbine Housing - Internally Wastegated 600 HP. T3 Flange

GT3082-IW Part No. GT774150-5002
 - 0.70 AR Comp Housing and 0.82 Turbine Housing - Internally Wastegated 600 HP. T3 Flange



GT3082-IW Part No. GT774150-5003
 - 0.70 AR Comp Housing and 0.63 Turbine Housing - Internally Wastegated 600 HP. T3 Flange

GT3582R-IW Part No. GT774095-5001
 - 0.70 AR Comp Housing and 1.06 Turbine Housing - Internally Wastegated 700 HP. T3 Flange - Upgrade turbo for 2.5L to 4.0L

GT3582R-IW Part No. GT774095-5002
 - 0.70 AR Comp Housing and 0.82 Turbine Housing - Internally Wastegated 700 HP. T3 Flange

GT3582R-1W Part No. GTSB8007WG

- 0.70 AR Comp Housing and 0.63 Turbine Housing
- Internally Wastegated 700 HP. T3 Flange

GTP38R Part No. GT739619-5004

- 1.00 AR Comp Housing and 1.00 Turbine Housing
- Internally Wastegated 750 HP.
- Ford F250 Upgrade. L/H Rotation

External Wastegate Turbochargers

GT3071R Part No. GT700382-0012

- 0.6 AR Comp Housing. Turbine Housing not included, but is available separately
- Upgrade for non-wastegated turbo with T3 Inlet Flange.
- Ideal for twin turbo applications on medium size engines up to 950 HP

GT3076R Part No. GTSB8005A

- 0.7 AR Comp Housing and 0.64 Turbine Housing
- Externally Wastegated 500 HP. T3 Flange
- Upgrade turbo for 2.0L to 2.5L

GT3082R Part No. GTSB8006

- 0.7 AR Comp Housing and 1.06 Turbine Housing
- Externally Wastegated 600+ HP. T3 Flange
- Upgrade turbo for 2.0L to 3.0L

GT3082R Part No. GTSB8006A

- 0.7 AR Comp Housing and 0.82 Turbine Housing
- Externally Wastegated 600 HP. T3 Flange
- Upgrade turbo for 2.0L to 3.0L

GT3082R Part No. GTSB8006B

- 0.7 AR Comp Housing and 0.63 Turbine Housing
- Externally Wastegated 600 HP. T3 Flange
- Upgrade turbo for 2.0L to 3.0L

T04Z Part No. GTSB80011

- 0.70 AR Comp Housing and 0.70 Turbine Housing - Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011A

- 0.70 AR Comp Housing and 0.84 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011B

- 0.70 AR Comp Housing and 0.96 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011C

- 0.70 AR Comp Housing and 1.06 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011D

- 0.70 AR Comp Housing and 1.14 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011E

- 0.70 AR Comp Housing and 1.15 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

T04Z Part No. GTSB8011F

- 0.70 AR Comp Housing and 1.32 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange - Split Pulse

T04Z Part No. GTSB8011G

- 0.70 AR Comp Housing and 1.52 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange - Split Pulse

T04Z Part No. GTSB8011H

- 0.70 AR Comp Housing and 1.75 Turbine Housing
- Externally Wastegated 750+ HP. T04B Flange
- Split Pulse

GT3582R Part No. GT714568-5001

- 0.7 AR Comp Housing and 1.06 Turbine Housing - Externally Wastegated 700 HP. T3 Flange
- Upgrade turbo for 2.5L to 4.0L

GT3582R Part No. GT714568-5002

- 0.7 AR Comp Housing and 0.82 Turbine Housing
- Externally Wastegated 700 HP. T3 Flange
- Upgrade turbo for 2.5L to 4.0L

GT3582R Part No. GT714568-5003

- 0.7 AR Comp Housing and 0.63 Turbine Housing
- Externally Wastegated 700 HP. T3 Flange
- Upgrade turbo for 2.5L to 4.0L

GT6041 Part No. GT731377-5001

- 1.05 AR Comp Housing and 1.47 Turbine Housing
- Externally Wastegated 2000 HP. Non Ball Bearing

GT42R Part No. GTSB8008

- 0.66 AR Comp Housing and 1.05 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 3.0L engines upwards

GT42R Part No. GTSB8008A

- 0.66 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 3.0L engines upwards

GT42R Part No. GTSB8008B

- 0.66 AR Comp Housing and 0.91 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange
- Suitable for Rotary applications and 3.0L engines upwards

GT42R Part No. GTSB8008C

- 0.66 AR Comp Housing and 1.15 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange
- Suitable for Rotary applications and 3.0L engines upwards

GT42R Part No. GTSB8008D

- 0.66 AR Comp Housing and 1.34 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange
- Suitable for Rotary applications and 3.0L engines upwards

GT42R Part No. GTSB80010

- 0.6 AR Comp Housing and 0.91 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT42R Part No. GTSB8010A

- 0.6 AR Comp Housing and 1.05 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT42R Part No. GTSB8010B

- 0.6 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT45R Part No. GTSB8012

- 0.81 AR Comp Housing and 1.05 Turbine Housing
- Externally Wastegated 800-1200 HP. TA Flange

GT45R Part No. GTSB8012A

- 0.81 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800-1200 HP. TA Flange

GT45R Part No. GTSB8012B

- 0.81 AR Comp Housing and 1.40 Turbine Housing
- Externally Wastegated 800-1200 HP. TA Flange

GT45R AKA GT51R Part No. GTSB8009

- 0.72 AR Comp Housing and 0.91 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT45R AKA GT51R Part No. GTSB8009A

- 0.72 AR Comp Housing and 1.051 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT45R AKA GT51R Part No. GTSB8009B

- 0.72 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT45R AKA GT51R Part No. GTSB8009B

- 0.72 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange
- Suitable for Rotary applications and 4.0L engines upwards

GT45R AKA GT51R Part No. GTSB8013

- 0.72 AR Comp Housing and 0.91 Turbine Housing
- Externally Wastegated 800+ HP. TV Flange

GT45R AKA GT51R Part No. GTSB8013A

- 0.72 AR Comp Housing and 1.05 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange

GT45R AKA GT51R Part No. GTSB8013B

- 0.72 AR Comp Housing and 1.22 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange

GT45R AKA GT51R Part No. GTSB8013C

- 0.72 AR Comp Housing and 1.40 Turbine Housing
- Externally Wastegated 800+ HP. TA Flange

TURBO ACCESSORIES



1mm Restrictor

Ideal for use with bearing turbos. These great little restrictors restrict the oil flow/pressure to the core of the turbo to ensure long life of your seals. They suit AeroFlows -3 and -4 200 series fittings.

Part No

AF399-03

AF399-04

Description

Suits -3AN teflon hose 10 Pack

Suits -4AN teflon hose 10 Pack

O-Ring Seal Turbo Drain Adapter

Part No

AF463-01

AF463-02

AF463-03

AF463-05

AF463-06

AF463-07

Bolt Pattern

1-7/16" - 1-7/8"

2" 51mm

2-1/16" 52.4mm

1-7/16" - 1-7/8" 36-47.5mm

2" 51mm

2-1/16" 52.4mm

Outlet

-8 ORB

-10 ORB

-10 ORB

-8AN Male

-10AN Male

-10AN Male

Garrett Turbo Fittings

Part No

GT Style Oil Feed

AF341-03

AF341-04

Description

Male inverted flare 7/16" - 24 SAE

Male inverted flare 7/16" - 24 SAE short

Water Inlet-Outlet Gt Style And To4b

AF732-06

AF732-06BLK

AF732-06S

AF732-08

AF732-08BLK

AF732-08S

Male -6 to M14 X 1.5 Blue

Male -6 to M14 X 1.5 Black

Male -6 to M14 X 1.5 Silver

Male -8 to M14 X 1.5 Blue

Male -8 to M14 X 1.5 Black

Male -8 to M14 X 1.5 Silver



INLINE FUEL AND OIL FILTERS

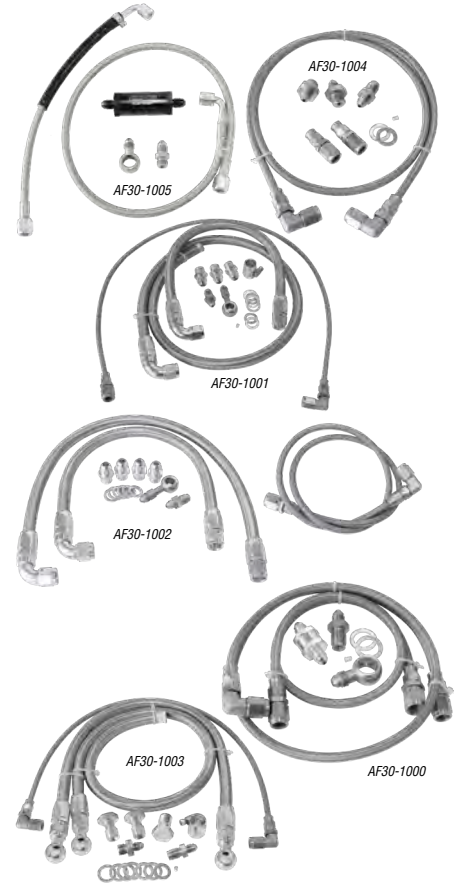
This CNC machined filter features a large surface area cone design stainless steel 30 micron element that can be easily cleaned to maintain an efficient fuel or oil system. 3" (63mm) length body 1" (25.4mm) O.D.

AN
-3
-4

Blue
AF607-03
AF607-04

Black
AF607-03BLK
AF607-04BLK

Silver
AF607-03S
AF607-04S



TURBO OIL & WATER FEED LINE KITS

Includes -3AN 200 series stainless steel teflon oil feed lines

Part No

AF30-1000

Description

Ford XR6 BA-BF includes 40 micron filter (Turbo feed line only)

AF30-1005

Ford XR6 FG Turbo feed line kit with 40 micron filter F6 requires AF359-04 (M12x1.5 to -4AN)

AF30-1001

Nissan SR20 S13

AF30-1002

Nissan SR20 S14 / S15

AF30-1003

Nissan RB20, RB25, RB26, RB30

AF30-1004

Universal line kit (Turbo feed line only)

Comes with M12 x 1.25, M12 x 1.5, 7/16"-24



OIL PRESSURE REGULATOR

Turbosmart's new patent pending OPR T40 is an oil pressure regulation system for your ball bearing turbocharger. It helps prevent compressor or turbine stage oil leaking or smoking, and takes the guesswork out of oil restrictor sizing for more efficient and effective oil delivery. Providing an aftermarket turbocharger with the ideal oil pressure has always been a challenge. Traditionally, the turbocharger's oil feed has relied on a restrictor system, which are difficult to set up correctly. When incorrectly sized or set up, they can be the cause of turbo seal leakage and blow-by. Turbosmart's Turbo Oil Regulator ensures the oil pressure going to the turbocharger never exceeds the maximum pressure turbocharger manufacturers specify for oil supply, regardless of engine oil pressure. The result is an oil delivery system that is more reliable and easier to setup than a standard restrictor system.

Oil Pressure Regulator T40 40 PSI (Blue)
(-4AN Inlet, Outlet & Return)

TS-0801-1001

Oil Pressure Regulator T40 40 PSI (Black)
(-4AN Inlet, Outlet & Return)

TS-0801-1002



TURBINE FLANGES

Aeroflow's machines a variety of exhaust-turbo flanges all manufactured from 3/8" (9.5mm) high quality 304 Stainless Steel.

INLET

AF9551-0001	GT25, GT28, Turbine inlet flange (T28)
AF9551-0002	GT30, GT35, Turbine inlet flange (T3)
AF9551-0003	T04Z, GT42, GT45, Turbine inlet flange (T4)
AF9551-0004	GT42, GT45, GT51 turbine inlet flange (T5)

OUTLET

AF9551-0005	GT25, GT28, turbine outlet flange (T28)
AF9551-0006	GT30, GT35, turbine outlet flange (T3)
AF9551-0007	GT42, GT45, GT51 turbine outlet flange (T4)

GT409039-FLANGE



Flanges

Turbo Inlet Flange suit T04Z/GT42/GT45/GT51 with TA Turbine Inlet (10mm)	GT407294-FLANGE
Turbo Inlet Flange suit GT30/GT35 Turbine Inlet (10mm)	GT409039-FLANGE
Turbo Inlet Flange suit GT42/GT45/GT51 with TV Turbine Inlet (10mm)	GT409038-FLANGE
Turbo Outlet Flange suit GT35 SB8007WG Outlet (10mm)	GT35WG-O/FLANGE
Turbo Outlet Flange suit GT25/GT28 Turbine Outlet (10mm)	GT25-O/FLANGE
Turbo Outlet Flange suit GT42/GT45/GT51 Turbine Outlet (10mm)	GT42G89-FLANGE
Turbo Outlet Flange suit GT30/GT35 Turbine Outlet (10mm)	GT30-O/FLANGE
Flange Blank suit T04Z/GT42/GT45/GT51	GT701-FLANGE BLANK



Gaskets

Gasket Kit suit T3/T04B with T3 Flange	GT95021
Gasket Kit suit T25/GT25/GT28	GT95009
Gasket Kit suit GT30/GT35	GT95010
Gasket Kit suit GT42/GT51 with TV Flange	GT95011
Gasket Kit suit GT42/GT51 with TA Flange	GT95012
Gasket Kit suit T04B/T04Z	GT95013

Stud Kits

Stud Kit M8x1.25 suit T25/GT25/GT28	GT95014
Stud Kit M10x1.5 suit GT30/GT35/GT42/GT51	GT95015
Stud Kit Outlet M10x1.5 suit GT42/GT51	GT95016
Stud Kit Outlet M8x1.25 suit GT42/GT51	GT95017

Oil Drains

Oil Drain Kit (90mm) suits GT25/GT28/GT30/GT35	GT95005
Oil Drain Kit (90mm) suits GT42/GT45/GT51R	GT95007
Oil Drain Kit (90mm) suits T03/T04/T04Z	GT95006

Fittings

Oil Supply Fitting 7/16" JIC suits GT25/GT30/GT35/T04Z	GT95008
Oil Supply Fitting 7/16" JIC suits GT42/GT47/GT51	GT95022
Water Fit. Kit M14x1.5mm (Bolts & Banjos)	GT95018
Water Fit. Kit M16x1.5mm (Bolts & Banjos)	GT95019
Water Fit. Kit M18x1.5mm (Bolts & Banjos)	GT95020



BELLMOUTHS

Aeroflow Performance's Bellmouth-style velocity stacks are ideal for achieving maximum air velocity. Manufactured out of spun aluminium, these lightweight Bellmouth velocity stacks increase the volume of air at your compressor inlet. They come in polished and black anodized so they look awesome under the bonnet and you can choose between three sizes to meet your application needs. 76mm (3") bellmouth has a 152.4 mm (6") O.D. so you can run an Aeroflow pod filter.

Part No	Colour	Description
AF64-4070	Polished	76mm (3") inlet
AF64-4070BLK	Black	76mm (3") inlet
AF64-4071	Polished	101mm (4") inlet
AF64-4071BLK	Black	101mm (4") inlet
AF64-4072	Polished	152mm (6") inlet
AF64-4072BLK	Black	152mm (6") inlet

TURBO

PROTECTOR

SCREENS

Protect your turbocharger and engine internals from debris at the track or on the road. These stainless honeycomb turbo guards cover your turbo's inlet to stop rocks and rubber damaging your impeller and engine.

AF64-4074	1101.6mm (4") I.D. Suits turbos with 4" front covers
AF64-4075	1278mm (5") I.D. Suits turbos with 5" front covers
AF64-4077	1397mm (5.5") I.D. Suits turbos with 5.5" front covers
AF64-4076	152.4mm (6") I.D. Suits turbos with 6" front covers

WASTEGATES



EX50 50mm

External Wastegate

Designed to cope with the brutal conditions of extreme exhaust temperatures, the EX50 features not only a huge flow capacity, but also a compact size that is unmatched by competitors for a 50mm wastegate. The main goal for the EX50 was to create a wastegate that had a very large flow capacity in a package that is physically as small as possible. Good flow around a poppet-style valve depends on a smooth and generous bowl area into which the valve lifts. Many brands do not allow enough room around the valve head for good flow, instead relying on increasing the valve travel as a band-aid solution.

- Supplied with 3 springs that can be ganged together in various combinations to allow boost pressures of 7, 9, 13, 16, 20, 22 and 29psi. This is the largest range of boost pressures off-the-shelf.
- Body, valve and seat are made from high-temp stainless steel.
- Actuator housing machined from billet 7075 aluminium – much stronger & harder than 6061.
- Flow tests show that for the same valve lift, the EX50 outflows its nearest competitor by 18%.
- Internal valve shroud protects valve stem from excessive heat and prevents carbon-related sticking.
- Top-hat style Nomex-reinforced silicone rolling diaphragm for longer valve travel.
- 90° banjo-style boost hose connectors.
- V-band clamp mounting system, supplied with 304 stainless weld-on adaptors (base flange is compatible with TIAI 44 flange when used with GFB adaptor).



Comp-Gate 40

40mm External Wastegate
Turbosmart's Comp-Gate40 offers maximum performance in minimal space. Equipped with a 40mm valve, the Comp-Gate40 has excellent heat handling and flow capabilities and features Turbosmart's new collared actuator design which allows for easy spring changes and minimizes size. Suitable for all turbocharged engines with an external wastegate turbo system. Flanges suit 1.75" outside diameter pipe. Inlet flange also fits other 38mm V-band flanges. Kit builder packs available to customer specifications. Supplied with: 7 PSI middle spring (installed), valve seat, inlet and outlet weld flanges and V-Band clamps, 2 x 1/16 NPT pressure fittings, 2 x 1/16 NPT Blanking plugs and collar tightening tool.

Blue Comp-Gate 40	TS-0505-1005
Black Comp-Gate 40	TS-0505-1006

Hyper-Gate 45

45mm External Wastegate
Turbosmart's 45mm external wastegate offers class-leading flow path and temperature resistance in a compact and lightweight package. Suitable for all turbocharged engines with an external wastegate turbo system. Suits 1.75" outside diameter pipe. Fits all popular 44mm flanges. Supplied with: 7 PSI middle spring (installed), valve seat, inlet and outlet weld flanges and V-Band clamps, 2 x 1/16 NPT pressure fittings, 2 x 1/16 NPT Blanking plugs and collar tightening tool.

Blue Hyper-Gate 45 7psi	TS-0506-1001
Black Hyper-Gate 45 7psi	TS-0506-1002
Blue Hyper-Gate 45 14psi	TS-0506-1040
Black Hyper-Gate 45 14psi	TS-0506-1041

Ultra-Gate38

Smaller, lighter and better in every key performance area than its predecessor, the new Ultra-Gate38 provides high-end features and build quality at an entry-level price. Suitable for all turbocharged vehicles with an external wastegate turbo system. Street and racing applications.

Ultra-Gate38 External Wastegate 7 PSI (Blue)	TS-0501-1101
Ultra-Gate38 External Wastegate 7 PSI (Black)	TS-0501-1102
Ultra-Gate38 External Wastegate 14 PSI (Blue)	TS-0501-1140
Ultra-Gate38 External Wastegate 14 PSI (Black)	TS-0501-1141

Pro-Gate50

A new, smaller and lighter body provides an improved flow path and temperature resistance. Shielded diaphragm housing ensures excellent heat handling capabilities while a one-piece high-temp stainless steel valve provides strength and reliability. Suitable for most high performance turbocharged vehicles with an external wastegate turbo system. Easy upgrade – fits onto the old Pro-Gate or Power-Gate weld flange.

Pro-Gate50 External Wastegate (Blue)	TS-0502-1001
Pro-Gate50 External Wastegate (Sleeper)	TS-0502-1002

Pro-Gate 50 - Lite

The Pro-Gate50 Lite is a new external wastegate that combines big wastegate flow and performance in a compact and lightweight package. It is ideal for applications where performance of a larger wastegate is required but space for turbo components is at a premium, such as aftermarket turbo kits, and for racing applications where every gram counts. The Pro-Gate50 Lite features a 50mm valve matched to a compact cap, secured with Turbosmart's unique locking collar allowing for quick spring changes, and a heat shielded, nomex-reinforced diaphragm for excellent heat resistance. Supplied With:

Pro-Gate 50 - Lite Wastegate 7 PSI (Blue)	TS-0502-1201
Pro-Gate 50 - Lite Wastegate 7 PSI (Black)	TS-0502-1202
Pro-Gate 50 - Lite Wastegate 14 PSI (Blue)	TS-0502-1240
Pro-Gate 50 - Lite Wastegate 14 PSI (Black)	TS-0502-1241
Pro-Gate 50 - Lite Wastegate 35 PSI (Blue)	TS-0502-1301
Pro-Gate 50 - Lite Wastegate 35 PSI (Black)	TS-0502-1302

Power-Gate60

Despite being increased from 50mm to 60mm, the new Power-Gate60 is smaller and lighter than its predecessor. With improved flow path and temperature resistance it is a market leader in its sector, outperforming all similarly sized wastegates. Shielded diaphragm housing ensures excellent heat handling capabilities while a one-piece high-temp stainless steel valve provides strength and reliability. Designed for high-end racing to withstand extreme temperatures and harsh racing conditions. Fully compatible with all Turbosmart Boost Controllers.

Power-Gate60 External Wastegate 7 PSI (Blue)	TS-0503-1001
Power-Gate60 External Wastegate 7 PSI (Black)	TS-0503-1002
Power-Gate60 External Wastegate 14 PSI (Blue)	TS-0503-1040
Power-Gate60 External Wastegate 14 PSI (Black)	TS-0503-1041

UNIVERSAL INTERNAL WASTEGATE

Turbosmart Internal Wastegate

Actuator provides better turbo response and greater sensitivity when managing boost pressures. Supplied With: Fitting Hardware, Brown/Purple 7psi Spring and Brown/Pink 7psi Outer Spring (installed)

- Silicone diaphragm with Nomex reinforcement to withstand high temperatures.
- High grade, billet aluminium construction.
- Stainless steel rods and connecting clevis for corrosion resistance.
- Locking Collar design cap allows for quick spring changes.
- Ideal for use with any Turbosmart boost controller.

IWG75 Universal 150mm rod 14 PSI Black **TS-0681-5142**



UNIVERSAL TWIN PORT INTERNAL WASTEGATE

The Twin Port IWG-75 uses the air-pressure differential between two sealed chambers to create a dynamic force which overcomes the mechanical spring force in the actuator. Creating a boost curve that is much more precise, and allows for a much wider boost range between minimum boost and maximum boost, than the single tier control offered by conventional actuators. This makes the Twin Port IWG-75 ideal for traction limited applications, such as front-wheel drive or drag racing vehicles. The IWG-75 is released to suit Borg Warner's EFR range of high performance internally wastegated turbochargers, along with a universal fit model which can be used with our range of clevis rod ends, with more applications coming in the future. The Turbosmart wastegate actuator range has been designed as a stronger, more reliable replacement for OEM parts. Like all Turbosmart parts, billet construction means they are stronger and more durable than a stock actuator, while Turbosmart's focus on performance means boost comes on faster and holds on longer. Supplied With: Fitting Hardware, Brown/Purple 7psi Spring and Brown/Pink 7psi Outer Spring (installed)

- Stable boost control
- Improved boost response
- Flatter boost curve in the top end
- Interchangeable springs for a great range of boost levels

IWG75 Twin Port Universal 14 PSI Black **TS-0681-6142**

Wastegate Accessories

Spring 7 PSI Inner	TS-0501-2004
Spring 10 PSI Outer	TS-0501-2006
Spring 14 PSI Outer	TS-0501-2007
Double Weld Flange Pack (10mm Mild Steel)	TS-0501-2002
Wastegate Valve Position Sensor	TS-0502-2008
Wastegate Valve Position Sensor Plug	TS-0502-2009
WG 50/60 Sensor Cap (Cap Only) - Black	TS-0502-3011
WG 45 Inlet Weld Flange	TS-0504-3001
WG 45 Outlet Weld Flange	TS-0504-3002
WG 45 Inlet Vee Band	TS-0504-3004
WG 45 Outlet Vee Band	TS-0504-3005
WG38/40/45/IWG 5PSI Inner Spring Brown/Grey	TS-0505-2002

Pro-Gate/Power-Gate

Spares And Accessories

WG50/WG60 Spring 7 PSI Inner Black/White	TS-0502-2002
WG50/WG60 Spring 7 PSI Outer Black/Purple	TS-0502-2003
WG50/WG60 Spring 10 PSI Middle Black/Blue	TS-0502-2004
WG50/WG60 Spring 14 PSI Middle Black/Yellow	TS-0502-2005
WG50 Inlet V-Band Clamp	TS-0502-3004

BLOW OFF VALVES & ADAPTORS



50MM BILLET ALUMINIUM BLOW OFF VALVE WITH V-BAND

AeroFlow's new 50mm (1-31/32") billet aluminium universal high flow blow off valve is for use on turbo-charged and supercharged applications. The body and all internal components are CNC-machined from 6061-T6 aluminum. 1.98" (50.5mm) valve. 1/4" (7mm) vacuum / boost hose barb size. The flange is v-band design and comes with a 2" (50.8mm) weld on pipe.

Part No	Colour	Description
AF64-5050	Polished	50mm billet alloy high flow BOV
AF64-5050S	Silver	50mm billet alloy high flow BOV
AF64-5050BLK	Black	50mm billet alloy high flow BOV
AF59-5052	Aluminium	50mm weld on flange aluminium
AF59-5053	S/Steel	50mm weld on flange stainless steel
AF59-5050		Replacement diaphragm & O-Rings
AF59-5051		Replacement billet V-band clamp
AF59-2150	Green	2 psi Supercharger only spring
AF59-2152	Black	6 psi Turbo spring (-8 to -12 in/Hg)
AF59-2153	Yellow	11 psi Turbo spring (-18 to -20 in/Hg)



GFB has the largest range of blow-off valves on the market, from the silent plumb back type to ear shattering dump valves.



GFB Responds TMS

As the name suggests, the GFB Responds is designed specifically with the aim of improving throttle response and reducing turbo lag. What's TMS? GFB's Turbo Management System is the term we apply to our diverter valves that have features designed specifically for the purpose of turbo lag reduction. Tests show that TMS features can return the engine to peak boost up to 30% faster than a factory diverter valve when shifting gears.

On top of the TMS benefits, the Responds also packs GFB's patented adjustable venting bias system found on the Stealth FX.

tms-responds-image-2 This unique system allows the amount of air vented to either recirc or atmosphere to be infinitely varied to change the venting sound like a stereo volume dial!

So if you want noise with your performance, the Responds can deliver! By fine-tuning the venting ratio, you CAN achieve a blow-off sound WITHOUT throwing a CEL, running rich, stalling, using more fuel or causing any other problems commonly associated with aftermarket valves on cars with MAF sensors.

Subaru WRX MY99-00

Subaru WRX, Legacy, Liberty

Nissan R32-34, Mazda 3, 6, CX-7

Subaru WRX

Nissan Silvia/200SX S14-15

Falcon XR6 Turbo BA-BF

Mitsubishi

WRX/STI MY97-98

GFBT9000

GFBT9001

GFBT9002

GFBT9003

GFBT9004

GFBT9025

GFBT9033

GFBT9055



DECEPTOR PRO II

• Remote proportional venting bias/volume control- from silent to loud or anywhere in between

• Sleek, compact in-car BOV volume controller with backlit dial

• End point adjustment to control maximum vent to atmosphere bias setting

• Volume adjustment mechanism driven by a high-torque geared electric motor

• Durable, low-friction gear train supported by precision sealed ball-bearing

• Supplied with all parts and wiring required to have it up and running quickly and easily

Description	Part No
Deceptor Pro II Subaru WRX/STI MY99-00	GFBT9500
Deceptor Pro II Subaru WRX/STI MY08-14	GFBT9501
Deceptor Pro II Nissan Skyline R31, 32, 33, 34	GFBT9502
Deceptor Pro II Mitsubishi Galant/Eclipse 4G63	GFBT9502
Deceptor Pro II Subaru WRX MY03-05/STI 03-07	GFBT9503
Deceptor Pro II Nissan S13/S14/S14 SR20DET	GFBT9504
Deceptor Pro II Nissan GT-R R35 VR38DETT	GFBT9505
Deceptor Pro II Subaru WRX MY14-On (FA20)	GFBT9507
Deceptor Pro II Universal, 20mm Inlet/Outlet	GFBT9520
Deceptor Pro II Universal, 25mm Inlet/Outlet	GFBT9525
Deceptor Pro II Universal, 33mm Inlet/Outlet	GFBT9533
Deceptor Pro II Universal, 35mm Inlet/Outlet	GFBT9535

(Check Rocket Website For more up to date Information on model specific cars)

SV45

The latest and Biggest of the range, designed specifically for drag racing and big horsepower engines. With a 45mm piston and three large flared outlets, the SV45 flows like nothing else and is capable of flowing in excess of 1000hp. Available in Blue Only.

SV45 Blow-off Valve **GFBT020**



Replacement Parts

Replacement parts for all GFB blow off valves.

Standard Replacement Trumpet (Silver)

Standard Replacement Spring

GFB6110

GFB6115



Plumb Back Adaptors

Screw-in replacement plumb-back adaptors to suit various hose sizes. Fits all GFB BOVs except Basic (1004), WRX Hybrid (1006) and SV45 (1020)

20mm Plumb Back Adaptor **GFB5220**

25mm Plumb Back Adaptor **GFB5225**

30mm Plumb Back Adaptor **GFB5230**

33mm Plumb Back Adaptor **GFB5233**

Base Adaptors

Screw-on replacement base adaptors to suit various hose and pipe sizes.

For use on blow-off valves part 1001-1005.

20mm Hose Adaptor **GFB5020**

25mm Hose Adaptor **GFB5025**

30mm Hose Adaptor **GFB5030**

35mm Hose / 25mm (1") Pipe Adaptor **GFB5035**

38mm (1.5") Pipe Mount Adaptor **GFB5038**



Screw-on replacement base adaptors to suit various hose and pipe sizes.

For use on Stealth FX and Deceptor Pro.

20mm Hose Adaptor **GFB5320**

25mm Hose Adaptor **GFB5325**

30mm Hose Adaptor **GFB5330**

33mm Hose Adaptor **GFB5333**

35mm Hose / 25mm (1") Pipe Adaptor **GFB5335**

Hose Plugs

Various sized hose plugs to block plumb back hoses in full atmosphere-venting applications.

20mm Hose Plug **GFB5520**

30mm Hose Plug **GFB5530**



Whistling Trumpet

Just in case you want to sound different, here's the answer. During normal driving conditions, this trumpet gives a typical BOV "whoosh" sound, but once the revs and boost level rise, a loud, high pitch whistle noise takes over. Note that there are a few conditions that must be fulfilled to get the most out of this product. Your blow-off valve should be set to full atmosphere venting, and boost must be at least 10psi (0.68 bar). The whistle noise is dependent on air velocity through the trumpet, and low-boost set-ups will not be effective.

Whistling Trumpet **GFB5701**

For all Stealth FX, Deceptor Pro and WRX Hybrid BOVs

Note that 200SX's require at least 17psi to make this trumpet whistle. Use 5702 on this car if boost is lower).

Whistling Trumpet **GFB5702**

For all other GFB valves with trumpet outlets.



Weld-on Pipes

Weld-on pipes for custom blow-off valve installations. For use with 5035, 5038, 5335 and 5338 base adaptors.

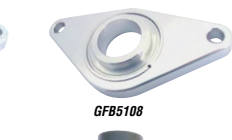
1" Mild Steel Weld-on Adaptor **GFB5601**

1" Aluminium Weld-on Adaptor **GFB5602**

1" Stainless Steel Weld-on Adaptor **GFB5603**

1-1/2" Aluminium Weld-on Adaptor **GFB5604**

1-1/2" Stainless Steel Weld-on Adaptor **GFB5605**



GFB Adaptors For 'Universal' Style BOVs

1001-5, 1008 and 1025

Nissan Skyline Adaptor for blow-off valves 1001-5 **GFB5104**

Suits all R32 - R34 models except R32 GTS-t

Subaru Forester XT (MY03-on) **GFB5107**

Flange Mount Base Adaptor **GFB5107**

Suit BOVs part # 1001-5, 1008 and 1025

Subaru WRX (MY01-on) Flange Mount Base Adaptor **GFB5108**

Suit vent-to-atmosphere BOVs 1001, 1004 and 1005

Nissan 200SX SR20DET (S14 -15) Adaptor **GFB5109**

Suit all BOVs 1001-5. Stealth FX: use bolt-on kit 1010

Deceptor Pro: use bolt-on kit 1027

Screw-in Plug & Thread Adaptor

If you have a GFB blow-off valve with two outlets and want to plug one of them, this is the plug to use. It replaces either a trumpet or recirc outlet to effectively disable the venting port. On Hybrid valves for example, it is used to change from 50/50 to full atmosphere or full recirc venting, by plugging the appropriate outlet.

Screw-in Plug **GFB6107**

Thread Adaptor **GFB6309**



Hose Adaptors

Hose adaptors allow the standard

V-band clamp universal BOVs to

be fitted to a clamp-on hose.

BOV V-Band to 19mm Hose Adaptor **TS-0205-2006**

BOV V-Band to 25mm Hose Adaptor **TS-0205-2007**

BOV V-Band to 32mm Hose Adaptor **TS-0205-2008**

BOV V-Band to 34mm Hose Adaptor **TS-0205-2009**



Universal Blow-Off Valves

All Turbosmart BOVs are made out of tough and durable billet aluminium and offer a host of features designed to give them superior flow and performance. Turbosmart's Universal Fit BOVs have been developed to fit most popular makes and models and come supplied with pictorial fitting instructions. The Turbosmart line has been updated and improved. The new style BOVs have been made lighter and more compact without sacrificing flow and the universal models now feature quick release billet V-band clamps to attach them to the adapters.

Race Port

With an oversize 52mm inlet, the Race Port is Turbosmart's largest and highest-flowing blow-off valve, outflowing all competitors in its class. Lightweight and compact, this product is ideal for high horsepower, turbo or supercharged racing applications. Supplied with quick release V-band clamp, aluminium weld flange and swivel nipple.

Race Port Blow-off Valve (Blue)
Race Port Blow-off Valve (Black)



TS-0204-1001
TS-0204-1002

Race Port

Completely redesigned the new Race Port blow-off valve is a fraction of the size of the superseded model and provides an ideal combination of maximum flow and minimal weight. The new Race Port is perfect for hard core racing and street applications where big power and fast response is crucial.

Blue TS-0204-1101

Black TS-0204-1102



Vee-Port

Features a variable exhaust port system, providing superior venting of excess pressure. Simple and effective. Small footprint makes it an ideal choice for larger capacity, super-restricted engines. Preferred choice of drifting and circuit enthusiasts. Supplied with quick release V-band clamp, aluminium weld flange and swivel nipple.

Vee-Port Blow-off Valve (Blue)
Vee-Port Blow-off Valve (Black)



TS-0205-1100
TS-0205-1101

Vee Port Pro

Redesigned from the ground up, the new Vee Port PRO is 20% smaller and 33% lighter than its predecessor. Featuring a hard anodized aluminium piston, the new Vee Port PRO offers high flow capabilities in a lighter, more compact package.

Blue Vee Port Pro
Black Vee Port Pro



TS-0205-1130
TS-0205-1131

Supersonic

A BOV for racers and serious enthusiasts who want to be noticed. Supersonic provides a superior flow performance with a unique "supersonic" sound. Suitable for all turbocharged vehicles.

Extremely popular with racers and show-car builders world-wide. Supplied with quick release V-band clamp, aluminium weld flange and swivel nipple.

Supersonic Blow-off Valve (Blue)
Supersonic Blow-off Valve (Black)



TS-0205-1300
TS-0205-1301

Plumb Back

Fully recirculating valve. A quiet alternative to the atmospheric BOV, the Plumb Back systems vents all excess pressure back into the intake system. Ideal for cars with sensitive Air-Flow systems and off-road applications as the fully-sealed design of the Plumb Back prevents any foreign matter entering the system. Supplied with quick release V-band clamp, aluminium weld flange and swivel nipple.

Plumb Back Blow-off Valve 32mm outlet (Blue) TS-0205-1261
Plumb Back Blow-off Valve 32mm outlet (Black) TS-0205-1262
Plumb Back Blow-off Valve 38mm outlet (Blue) TS-0205-1271
Plumb Back Blow-off Valve 38mm outlet (Black) TS-0205-1272



Model-Specific Universal Blow-Off Valves

Some engine bays have space or design constraints that make fitting a Multi-Fit BOV difficult or even impossible. The Model-Specific BOV range has been designed to cater for those cars. Model-Specific BOVs are supplied as "Bolt-On" kits, complete with all the accessories needed for fitting. Most require no special tools and can be installed in under an hour.

Mitsubishi Dual Port

Three BOVs in one. The Dual Port can be configured to vent to the atmosphere, back into the air intake or both! Plumb Back system for quiet, road-compliant operation, Supersonic for the race track, or Dual Port for the best of both worlds. Fits Mitsubishi EVO VII to X & Ralliart Colt

Mitsubishi Dual Port Blow-off Valve (Red Only) TS-0205-1020



Nissan Dual Port

Features both atmospheric and bypass ports. Easily converts to a fully atm or fully bypass valve. Sequential ports provide a quiet operation on mild boost and full performance at full boost. Simple installation and set up. Suits Nissan Skyline GT-S and GT-R, R32, R33, R34 and R35 (excluding R32 GT-S-t)

Nissan Dual Port Blow-off Valve (Black Only) TS-0205-1026



Subaru WRX Vee-Port

Atmospheric BOV. Features a variable exhaust port system, providing superior venting of excess pressure. Easy to install and set up. Fits all 2001-2007 Subaru WRX models.

Subaru WRX Vee-Port Blow-off Valve (Blue) TS-0205-1115
Subaru WRX Vee-Port Blow-off Valve (Black) TS-0205-1116



The New Vee Port Pro (Subaru Vehicles)

Re-designed from the ground up, the new Vee-Port PRO Subaru is 20% smaller and 33% lighter than its predecessor. Featuring a hard anodised aluminium piston, the new Vee Port PRO offers high flow capabilities in a lighter, more compact package. The best news however is that the new Subaru Vee Port PRO actually costs LESS than the product it replaces! There has never been a better time to upgrade to Turbosmart.

Application
Suits all Subaru WRX 2001-2007 models and Forester 05-07.

Features
Unique high flow ports and new piston design provides quicker response and better sealing capabilities. Easy to install via a bolt-on flange, optimized spring for greater adjustability and a 360 degree swivel vacuum fitting. Available with a blue or black cap.

Blue Vee Port PRO Subaru WRX 2001-2007 TS-0205-1135
Black Vee Port PRO Subaru WRX 2001-2007 TS-0205-1136



Subaru Dual Port

A fully recirculating BOV, quiet operation, ideal, high-flow replacement for the factory unit for enthusiasts who don't want to be noticed.

Easy to install and set up. Fits all 2001-2007 Subaru WRX models.

Subaru Dual Port Blow-off Valve (Blue) TS-0205-1015
Subaru Dual Port Blow-off Valve (Black) TS-0205-1016



WRX Supersonic

Preferred venting solution for serious street tuners and racers. Ideal for enthusiasts who want big flow and even bigger sound.

Fits all 2001-2007 Subaru WRX models.

WRX Supersonic Blow-off Valve (Blue) TS-0205-1315
WRX Supersonic Blow-off Valve (Black) TS-0205-1316



BIG BUBBA PLUMB BACK SLEEPER

Big Bubba has been designed for big horsepower, high performance and high boost turbo and supercharger applications. Big Bubba is, as its name suggests, big, bold and in-your-face. It is by far the largest valve in the Turbosmart range. But it's not all about the size and looks, Big Bubba packs a lot of punch too! With a heavy duty, CNC billet aluminium body and components and a 52mm (2.05") hard anodised aluminium two-piece piston, Big Bubba gives a new meaning to the term hardcore. A -4AN threaded vacuum port offers a wide variety of connection methods. Outlet fitting size: 50mm (2.0"). To make things easy we've ensured all Big Bubba valves use the same inlet flange and V-Band clamp as the Turbosmart Race Port. All that in a package that weighs only 790 grams (1.7lbs)!
Big Bubba Plumb Back Sleeper Universal TS-0204-1203



Compact Series Blow-Off Valves

The Compact Series BOVs have been designed as a bolt-on replacement for plastic factory Bosch or Denso BOVs, the Compact Series products offer superior flow, full adjustability and greater structural integrity under boost. Ideal for cars with constrained engine bay access like VWs, Audis, Porsches, Seats, SAABs, Mazda MX5 and Ford XR6 Turbo. Very popular with motorcycle drag racers.

Compact Series - Plumb Back

Fully recirculating BOV. The Plumb Back systems vents all excess pressure back into the intake system. Great for enthusiast not wanting to be noticed. Fits most cars using the factory BOSCH or DENSO bypass valves. Available in 20mm and 25mm outlet diameters.

Plumb Back Blow-off Valve 20mm Outlet TS-0203-1201
Plumb Back Blow-off Valve 25mm Outlet TS-0203-1202



Compact Series - Dual Port

Hybrid-type BOV. Dual Port vents both to the atmosphere and back into the air intake. Dual ports with sequential timing allow quieter operation during normal driving, while getting all the benefits of a Supersonic BOV under race conditions. Easily converted to a fully atm or fully bypass unit. Fits most cars using the factory BOSCH or DENSO bypass valves. Available in 20mm and 25mm outlet diameters.

Dual Port Blow-off Valve 20mm Outlet TS-0203-1011
Dual Port Blow-off Valve 25mm Outlet TS-0203-1012



Compact Series - Supersonic

Fully atmospheric BOV for racers and serious enthusiasts who want to be noticed. Supersonic provides a superior flow performance with a unique "supersonic" sound. Extremely popular with racers and show-car builders world-wide. Fits most cars using the factory BOSCH or DENSO bypass valves. Available in 20mm and 25mm outlet diameters.

Supersonic Blow-off Valve 20mm Outlet TS-0203-1306
Supersonic Blow-off Valve 25mm Outlet TS-0203-1307



Compact Plumb Back - Universal

Full recirculating BOV. The Plumb Back system recirculates all excess pressure back into the intake system. Great for enthusiasts not wanting to be noticed but wanting the performance and reliability benefits of a quality BOV. Fits most cars using the factory BOSCH or DENSO bypass valves.

Compact Plumb Back - 20mm TS-0203-1221
Compact Plumb Back - 25mm TS-0203-1222
Compact Plumb Back - 34mm TS-0203-1223



POWER PORT

The Power Port is Turbosmart's largest and highest flowing blow-off valve ever, resetting the flow benchmark set by our popular and highly regarded Race Port BOV. Designed to be as light as possible, to keep vehicle weight down. Its cutting edge dual-chamber design means it can be held open with the use of a solenoid to aid turbo response and control during staging to give the best possible launch.

Power Port Blow-off Valve (Blue) TS-0207-1001
Power Port Blow-off Valve (Black) TS-0207-1002



BOV Adapters

These adapters suit the new style Turbosmart BOVs with V-band attachment. The Race Port BOV uses a special 50mm V-band and all other universal BOVs use the standard 38mm V-band clamp. If you are replacing an older style Turbosmart BOV you can use the V-band to grub screw adapters to attach the V-band style BOV to the older style weld on adapter.

BOV V-Band Stainless Weld-on Adapter TS-0205-2003
BOV V-Band to 38mm Grub Screw Adapter TS-0205-2010
Race Port V-Band Aluminium Weld-on Adapter TS-0204-3001
Subaru Type 5 BOV Flange Adapter Kit TS-0205-2056

BOV Replacement Parts

BOV Port Blanking Plug TS-0205-3103
BOV 60mm Replacement Trumpet TS-0205-3104
BOV 50mm Replacement Trumpet TS-0205-3105
BOV 25mm Plumb Back Fitting TS-0205-3200
BOV 29mm Plumb Back Fitting TS-0205-3201
BOV 32mm Plumb Back Fitting TS-0205-3202
BOV 34mm Plumb Back Fitting TS-0205-3203
BOV 38mm Plumb Back Fitting TS-0205-3204
BOV O-Ring Kit TS-0205-3010
Spring for DP, SS, VP (Yellow) TS-0205-3101
Spring for PB or Supercharger (Red) TS-0205-3102
Spring for Compact Plumb Back (Blue) TS-0203-3001
Spring for Compact Supersonic (Pink) TS-0203-3002
Spring for Compact Dual Port (Green) TS-0203-3003
Race Port Spring Kit TS-0204-2004
Race Port Spring 15 In/Hg TS-0204-3002
Race Port Diaphragm Assembly TS-0204-3003
Race Port Flange O-Ring TS-0204-3005
Race Port/Big Bubba SS Weld-On Flange TS-0204-2001
BOV Race Port Spring Kit (X3 Springs) TS-0204-2104
BOV Compact 25mm Plumb Back Fitting TS-0203-3009
BOV Race Port M/S Weld Flange to Suit Female BOV TS-0204-3008
BOV Race Port Mild Steel Weld Flange Female TS-0204-3010
BOV V-Band clamp assembly TS-0205-3009

FUEL CUT DEFENDERS



Turbosmart Fuel Cut Defenders

Most late model cars have in-built defence mechanisms to guard against increases in boost pressure. Such systems are important, but can be an obstacle when increasing boost pressure. A Turbosmart FCD will allow boost pressure to be increased above the factory level and prevent momentary shutdown of the fuel injection system.

FCD-1 (Pneumatic)

Allows for an accurate increase in the factory fuel cut-out level without the need for cutting/splicing wires or affecting off-boost conditions. Can be locked to prevent tampering. Suits most turbo cars using a MAP sensor. To be used in conjunction with a Turbosmart Boost Controller.

Pneumatic Fuel Cut Defender TS-0303-1001

FCD-2 (Electronic)

The FCD2 alters the output of a factory 5V MAP or AFM at an adjustable level to accurately raise the factory fuel cut point. Features LED indicators for easy setup. Adjustable release feature ensures you retain the safety of having a fuel cut to protect your engine from over boosting. Adjustment feature enables the sensor signal to be clamped flat or at another gradient to suit your application. Suits most turbo cars. To be used in conjunction with a Turbosmart boost controller.

Electronic Fuel Cut Defender TS-0303-1002



BOOST CONTROLLERS

Reactor Boost Controller

The GFB Reactor is a dual-stage boost controller, which allows one of two independently adjustable boost levels to be selected from the driver's seat. The Reactor comes with a complete wiring harness, along with a fuse, "Rocket Launcher" style switch and all necessary plugs to make installation a breeze. All you need to do is find a 12v power source and plug it all together – no soldering. Another unique feature of the Reactor is its air-bleed return outlet, which gives you the option to feed the bleed-off air back to the inlet to ensure the entire system stays closed to the atmosphere, in the same way that most modern factory systems do. Available in Black/Silver Only.

Features:

- Made from solid Aluminium 6061 T6 billet. • Lightweight rugged construction - looks great too • Allows two levels of boost to be selected from inside the cabin. • Unlike other brands on the market, both boost stage adjustments are completely independent of each other. • Allows bleed-off air to be plumbed back to the inlet, just like the factory system. • "Rocket Launcher" style in-cabin switch. • "Plug together" wiring harness, no solder joints or additional wires needed.

Reactor Dual Stage Boost Controller GFB3002



G-Force III Electronic Boost Controller

The latest iteration of GFB's feature-packed electronic boost controller now has the ability to monitor and display your engine's air/fuel ratio in either Lambda or AFR. By connecting the analogue output of most wideband O2 controllers (i.e. Innovate LC-2, AEM UEGO etc, sold separately) to the G-Force III's auxiliary input, you can toggle between boost pressure and air/fuel ratio display. Not only does this save you from having to install a separate AFR gauge in your car, it can also save your engine! A lean mixture at high boost can destroy an engine in seconds, and a stand-alone AFR gauge is next to useless when accelerating hard as your concentration is likely to be (and should be!) on the road in front of you. The G-Force III safeguards your engine against a lean mixture by lowering boost to the minimum setting, and visibly warning you by flashing the display lighting. Whether your car is a daily driver or an all-out track weapon, the G-Force III has the features to tailor boost to suit your needs. Set up to 6 boost presets and select on the fly, use the scramble feature for overtaking, launching, towing, or protecting the engine, and you can even customize the lighting colour to suit your interior! No other EBC on the market offers the features, control, ease of use, and value for money like the G-Force III!

- For Boost Pressures Up To 50psi (3.45bar, 345kpa)
- Adjust Peak Boost, Rise Rate, And Closed-Loop Correction
- Display Boost Pressure In Psi, Bar, Or Kpa
- 6 Boost Presets, Individually Programmable
- Unique "Scramble" Feature With Remote Switching
- Peak Boost Recall • Air/Fuel Ratio Display In AFR Or Lambda (When Connected To A Wideband O2 Controller)
- Separately Adjustable Overboost And Lean Mixture Warning/Boost Cut • Touch Buttons With User Selectable Illumination Colours
- Auxiliary Input To Switch Boost Presets Or Activate Scramble
- 1/2" Size Casing, Fits Standard Stereo Slot
- Supplied With Mac 3-Port Solenoid

GFB3005



G-Force II Electronic Boost Controller

The GFB G-Force II boost controller is designed to bring on boost as fast and accurately as possible on a turbocharged vehicle. It incorporates an advanced and unique boost control strategy that allows the user fine control over the peak boost, rise rate, and closed-loop correction. The G-Force II also features a new user interface, making menu navigation and setup as fast and simple as possible.

- 6 individually programmable boost preset memories, selectable on-the-fly
- Closed-loop correction - helps prevent boost variations
- New scramble boost strategy - increase or decrease boost for a certain amount of time at the push of a button
- Overboost protection - shuts down the solenoid and flashes a warning if boost goes too high
- Peak hold display • Real-time boost/vacuum gauge display - in BAR, kPa, or PSI
- External input - can be used to activate scramble or select boost memories remotely
- Adjustable button colours - tie in with the car's existing lighting

GFB3004



ELECTRONIC BOOST CONTROLLER

- Two stages of boost pressure, create your personal setting and save them.
- Rapid switching, press only one button and switch the setting immediately.
- Over boost alert to prevent turbo and engine damage.
- Pressure limited to 43 PSI (2.9 BAR).

AF49-1030 Electronic boost controller.

AF49-1036 Replacement electronic boost controller solenoid kit



AF49-1036

Aeroflow's replacement 3 port solenoid kit is supplied complete with fittings, mounting and wiring loom. This handy complete kit is also perfect for use with aftermarket installation to your vehicle to control your boost and set it precisely. This can be custom wired into many late model vehicles by your tune shop. Suits AF49-1030 & AF49-1039



DIGITAL BOOST CONTROLLER

- Three stages of boost pressure, create your personal setting and save them. • Rapid switching, allows you to switch between settings immediately.
- Over boost alert to prevent turbo and engine damage.
- Scramble function allows burst of power.

AF49-1039 Electronic boost controller.

AF49-1036 Replacement electronic boost controller solenoid kit



BOOST CONTROLLER TEE

Easily adjustable from under the bonnet, simple fitment with included mounting bracket. 5mm barbs. Fast boost gated system.

Part No Colour
AF64-2096 Blue
AF64-2096BLK Black

Description
Manual boost controller.
Manual boost controller.



Electronic Boost Controllers

More than just a boost controller, e-Boost2 puts you in total control of your turbocharger. With a host of features and state-of-the-art software, e-Boost2 is the one accessory all owners of turbocharged cars should have! Easy to use, yet technologically advanced, e-Boost2 is equally at home in a street-going vehicle as it is in a top-level race car.

- Factory Preset Mode provides beginners with an easy start-up option.
- Advanced User Mode unlocks up to 6 alternate boost mapping functions. Presets for FWD, RWD, AWD, Bike and Drag racing needs.
- Gear-based Boost Mapping lets you set a different boost for each gear
- Adjustable Boost Levels can also be mapped against TIME or RPM.
- Fully programmable auxiliary output controls water spray, methanol or nitrous injection
- RPM Compensation Feature eliminates boost drop-off at high RPM
- Peak Hold/Max Boost Recall function monitors boost and RPM.
- Programmable Display can be configured to KPA, Bar or PSI
- Gate Pressure function eliminates wastegate creep
- Accurate Display to within +/-0.5% of full scale making it an ideal Boost Gauge
- Programmable, audible warning alarm
- Integrated input for optional shift/warning lights

Sport Compact e-Boost2 60mm (Sleeper)

Suits most turbocharged street and race cars. Ideal for Sport Compact pillar/ dash mounts. Back-lit, auto-dimming display, Black Face/Black Bezel combination. Available in 40 and 60psi models.

e-Boost 60mm 60psi TS-0301-1003

Sport Compact e-Boost2 60mm (White)

Suits most turbocharged street and race cars. Ideal for Sport Compact pillar/ dash mounts. Back-lit, auto-dimming display, White Face/Silver Bezel combination. Available in 40 and 60psi models.

e-Boost 60mm 60psi TS-0301-1001

Sport Compact e-Boost2 60mm (Black)

Suits most turbocharged street and race cars. Ideal for Sport Compact pillar/ dash mounts. Back-lit, auto-dimming display, Black Face/Silver Bezel combination. Available in 40 and 60psi models.

e-Boost 60mm 60psi TS-0301-1002

Traditional e-Boost2 66mm (Silver)

Suits most turbocharged street and race cars. Ideal for Traditional 2.5/8" pillar/dash mounts. Back-lit, auto-dimming display, Silver Face/Silver Bezel combination. Available in 40 and 60psi models.

e-Boost 66mm 60psi TS-0301-1004

Traditional e-Boost2 66mm (White)

Suits most turbocharged street and race cars. Ideal for Traditional 2.5/8" pillar/dash mounts. Back-lit, auto-dimming display, White Face/Black Bezel combination. Available in 40 and 60psi models.

e-Boost 66mm 60psi TS-0301-1005

Traditional e-Boost2

Now standard with 60psi max boost operating pressure, e-Boost2 is a second generation complete Boost Management System. With market-leading features and state-of-the-art software, e-Boost2 is the one accessory all owners of turbocharged cars should have! Easy to use, yet sophisticated and technologically advanced, the e-Boost2 is equally at home in a street-going vehicle as it is in a top-level racecar. e-Boost2 allows the user to control, monitor, map and compensate boost. But e-Boost2 is a lot more than just a boost controller – it can also control water spray, methanol or nitrous injection, manage shift/warning lights and read/monitor RPM. While e-Boost2 is fitted with a state-of-the-art software, it has been designed to be easy and logical to use.

e-Boost 66mm (2-5/8") 60psi Black TS-0301-1011
e-Boost 66mm (2-5/8") 60psi Black/Silver TS-0301-1013

Turbosmart 30PSI Boost Gauge

The Turbosmart boost gauge is the perfect accessory for any of our Gated Boost Control Valves. Featuring precision mechanical operation, a black face with silver bezel, bright backlighting and a 30psi boost range. All hook-up and panel mounting hardware included. Aluminium dash mounting cup also available.

GBCV Boost Gauge 0-30psi 52mm – 2 1/16" TS-0101-2023
GBCV Boost Gauge Mount Cup 52mm – 2 1/16" TS-0101-2024





e-Boost Accessories

All Turbosmart Boost Controllers are supported by a wide range of accessories designed to aid and complement the boost controllers.

Twin LED Ring for e-Boost2

Houses two Shift/Warning lights (not included). Available in silver and black for both Sport Compact and Traditional models. Fits all e-Boost2 models. Optional LED lights available in four colours: Red, Green, Blue and Orange.

Twin LED Ring 60mm (Silver)	TS-0301-2006
Twin LED Ring 60mm (Black)	TS-0301-2007
Twin LED Ring 66mm (Silver)	TS-0301-2017
Twin LED Ring 66mm (Black)	TS-0301-2018
Red LED	TS-0301-2008
Green LED	TS-0301-2009
Blue LED	TS-0301-2010
Orange LED	TS-0301-2011

Dashboard/Windshield Mounting Kit for e-Boost2

Made from billet aluminium, generous range of vertical and horizontal adjustment. Suitable for all types of vehicles. Mounts to dashboards, A-pillars and windscreens using screws or adhesive supplied.

Mounting Kit 60mm	TS-0301-2001
Mounting Kit 66mm	TS-0301-2013

Roll Cage Mount for e-Boost2

Made from billet aluminium, generous range of vertical and horizontal adjustment. Fits diameters from 1,1/2" to 1,5/8". Ideal for all race applications.

Roll Cage Mount 60mm	TS-0301-2002
Roll Cage Mount 66mm	TS-0301-2014

Solenoid Kits

Replacement Solenoid Kit for e-Boost2. Suits all e-Boost2 models.

40 psi Solenoid Kit	TS-0301-3003
60 psi Solenoid Kit	TS-0301-3004
4-Port Solenoid	TS-0301-2003

BOV Controller Kit

The BOV controller is an electronic device which controls the pressure signal to the BOV. It works by detecting a negative voltage change in throttle position. It then energises a solenoid to vent all of the air out of the BOV cap, causing a pressure differential between the piston of the BOV and the cap which will vent pressure from the intake system. Large diesel engines with larger turbochargers can experience compressor surge when coming off the throttle. The deceleration of the engine can be a restriction on the outlet of the turbocharger causing compressor surge. This can be disastrous on a turbo system which is producing high amounts of boost. The BOV controller can vent this build up of pressure, protecting the turbocharger. This can reduce the amount of rebuilds on your turbocharger as well as improve acceleration between gears. The kit consists of a BOV Controller, Specific Race Port BOV, Wiring Loom, Solenoid, Reinforced pressure tubing, Hose clamps and mounting hardware

BLUE RACEPORT	TS-0304-1001
BLACK RACEPORT	TS-0304-1002



e-Boost STREET

The e-Boost STREET is a brand new electronic boost controller aimed at the street performance market. It features many boost control capabilities found on its big brother – the e-Boost2, continuing the e-Boost tradition of providing class leading boost control, value for money and no nonsense features.

- **Boost Settings:** There are two boost settings – easily selected via the "turn-and-push" button. An external switch can also be used to change between boost groups if required.
- **Boost correction factor:** Many street cars with standard turbo systems suffer from boost drop off at high RPM. The Boost Correction Factor eliminates this problem and is exclusive to the e-Boost family.
- **Display:** An easy-to-read 3-segment display with adjustable brightness can be configured for PSI, KPa, or BAR and will flash when warning of over boost shutdown or rev limit, allowing the unit to be used as a boost gauge, tachometre, or a shift light.
- **Housing:** The unit is housed in a black anodized aluminium case 80mm wide x 25mm high x 95mm deep allowing the unit to be mounted within a DIN size opening.
- **Maximum boost level:** 30PSI / 2.05BAR.
- **Display mode:** Live display of Boost or RPM
- **e-boost street includes:** • EBS Control unit • Wiring loom + installation kit
- Solenoid with mounting bracket and vacuum nipples
- Vacuum hose and hose clamps
- **e-Boost Street Boost Controller Kit** TS-0302-1001
- **e-Boost Street Mounting Bracket** TS-0302-2001
- **e-Boost Street Re-Loom Kit** TS-0302-3001

TURBO TIMERS



PENCIL TURBO TIMER

- Designed for 12 volt application to protect engine's efficiency and extend turbo life.
- Easily adjust timer from 10 seconds – 19 minutes.
- Also features a built in voltage gauge.
- Slim pencil design for easy mounting.
- 100mm (3-15/16") long 19mm (3/4") diameter

Part No	Description
AF49-1026	Pencil Turbo Timer with memory

MINI TURBO TIMER

- Designed for 12 volt application to protect engines efficiency and extend turbo life
- Easily adjust timer from 15 seconds – 3 minutes.
- Mini design for easy mounting

Part No	Description
AF49-1025	Mini Turbo Timer with memory



INTERCOOLERS



Aeroflow Intercoolers

Aeroflow intercoolers are designed with a tube and fin core which has the highest thermodynamic dissipative process. Aeroflow tube and fin style intercoolers are available in both polished and black powder coated finishes. These universal intercoolers feature 76mm (3") inlet and outlets. (Intercooler mounts are female M8x1.25 thread) Max Pressure 50 PSI

Part No	Finish	Core Size WxHxT	CFM
AF90-1002	Polished	280mm (11") x 300mm (11-13/16") x 76mm (3")	660
AF90-1002BLK	Black	280mm (11") x 300mm (11-13/16") x 76mm (3")	660
AF90-1001	Polished	450mm (17-11/16") x 300mm (11-13/16") x 76mm (3")	540
AF90-1001BLK	Black	450mm (17-11/16") x 300mm (11-13/16") x 76mm (3")	540
AF90-1000	Polished	600mm (23") x 300mm (11-13/16") x 76mm (3")	510
AF90-1000BLK	Black	600mm (23") x 300mm (11-13/16") x 76mm (3")	510
AF90-1004	Polished	600mm (23") x 300mm (11-13/16") x 100mm (4")	715
AF90-1004BLK	Black	600mm (23") x 300mm (11-13/16") x 100mm (4")	715



AERO 2 Intercoolers

The PWR Aero 2 Intercooler uses revolutionary seamless rounded leading edge tube design with unique internal fin, which incorporates a straight through design improving heat transfer for less pressure drop. The Aero 2 also has PWR's unique fin angle configuration with a high grade polished cast tanks. The cooler is also fitted with m8 mounting bosses top and bottom for easy installation. The Aero 2 is a PWR Australian Manufactured universal Intercooler option with all of the PWR performance features we are known for. All cast tanks are available in 2.5" or 3" outlets.

BY SPECIAL ORDER ONLY



Air to Air Intercoolers

PWR Performance Products are making full use of the laws of physics, developing several of the



most efficient intercoolers in the world. PWR use a revolutionary seamless rounded leading edge tube design throughout the manufacturing process. These tubes have an integrated internal fin with a straight through design, which improves heat transfer for less pressure drop, resulting in higher flow and reduced lag time. PWR intercoolers are individually hand manufactured using 12 FPI (fins per square inch) and can be custom designed by in house "Auto CAD" design division or simply just replace your current OEM system for better flow and performance.

PWR Intercoolers features and benefits

- Low restriction internal turbulators
- Leading edge tube wall thickness is efficient for strength
- Light weight • Tube dimension (PWR use 55,68 and 81mm)
- Core Thickness configuration up to 159mm thick
- Flexibility of custom designs exactly to your needs
- World class TIG welding • 10 working days for manufacturing
- State of the art controlled atmosphere brazing process
- Race and street proven performance
- Hi-tech "Auto CAD" design division • 100% Australian made
- 1 year manufactured warranty • Pressured tested and guaranteed

Liquid to Air

Barrel Kits

The PWR Liquid to Air Barrel Intercooler is a world first exclusive in its design for the industry. The Radical cylindrical shape was designed for drag and street applications, providing maximum cooling, airflow and performance efficiencies. The 12-volt pump circulates water throughout the barrel providing a stable outlet temperature and the unique internal baffle system ensures an even amount of cooling is provided within the barrel itself. The system requires no ambient (external) airflow, which enables the unit to be mounted as close to the manifold as possible, reducing turbo lag and providing maximum performance. The PWR Liquid to Air Barrel Intercoolers is available as an individual unit or in Kit Form and are suited to machines producing horse power between 270-1200+ HP. The PWR Barrel intercooler comes in different sizes and are finished in a near chrome finish.

PWR Liquid to Air Barrel Intercooler benefits

- Unique cylindrical design • Improves turbo response
- More rapid effective cooling than air to air
- Promotes more dense air pressure for more boost application
- More consistent intake temperatures then air to air
- Available in different sizes (universal fit)
- Allows shorter intercooler pipe for less turbo lag
- Easy fitment • Comes in kit form • World class TIG welding
- Race and street proven performance • 100% Australian Made
- 10 working days for manufacturing
- Pressure tested and Guaranteed • 1 year manufactured warranty

PWR Air to Ice Barrels

The "Ice Barrel" utilises a unique straight through tube arrangement like the "Liquid to Air" Barrel design, however the "Ice Barrel" is designed specifically to run ICE and incorporates wide 18mm Tube Pitch, a Finless Ice compartment, sealed access lid and CO2 Breather fitting which gives this unit a unique design and the first available in the market. Overall dimensions of 485x205x270 with 4" Tapered Outlets as used on 8x8 and 8x10 "Liquid to Air" Barrels. The PWR "Ice Barrel" Australian Designed and Made product that is designed around the drag racing market with excellent results over short bursts like the quarter mile or even dyno shoots.

Air to Ice Barrel 8" x 12" Square	PWI5556
Air to Ice Barrel 485x205x270mm 4" outlet	PWI5358
Air to Ice Barrel 8" x 10" Round	PWI5513
Air to Ice Barrel 8" x 12" Round	PWI5771
Universal Drag Ice Box 300x400x300mm	PWI6038
Universal Ice Box Heat Exchanger	PWI5645

Barrels Only

Liquid to Air Barrel 4" x 6"	PWI2292
Liquid to Air Barrel 4" x 8"	PWI2921
Liquid to Air Barrel 4" x 10"	PWI2920
Liquid to Air Barrel 5" x 6"	PWI5881
Liquid to Air Barrel 5" x 8"	PWI5884
Liquid to Air Barrel 5" x 10"	PWI5886
Liquid to Air Barrel 6" x 6"	PWI2919
Liquid to Air Barrel 6" x 6" 25mm outlets	PWI5971
Liquid to Air Barrel 6" x 8"	PWI2918
Liquid to Air Barrel 6" x 8" 25mm outlets	PWI5972
Liquid to Air Barrel 6" x 10"	PWI2917
Liquid to Air Barrel 6" x 10" 25mm outlets	PWI5973
Liquid to Air Barrel 8" x 8"	PWI5207
Liquid to Air Barrel 8" x 10"	PWI3204
Liquid to Air Barrel 8" x 12" -16	PWI6029

TURBO HEAT BAGS



Turbo Insulating Kit

The Turbo Kit was designed to protect and improve performance of the turbo.

This universal kit will keep the turbo spooled up and it virtually eliminates turbo lag. The custom cut-to-fit kit comes with a substantial amount of material to cover turbos from the smallest automotive application to heavy-duty truck applications. Two Turbo Kits are available, a 4 cylinder kit and one for 6 & 8 cylinders.

4 Cyl. Turbo Insulating Kit TT15001
6 & 8 Cyl. Turbo Insulating Kit TT15002

Turbo Bag / Blanket

Aeroflow's turbo blanket is from hi-temp silica material & designed to reduce turbo lag and control under hood temperatures. Interior surface max temp 2500°F/1370°C, Exterior max temp 1100°F 600°C.



STANDARD DUTY

Part No	Description
AF91-1000	Suit GT30 / GT35 Internalgate
AF91-1001	Suit WRX VF Internal gate
AF91-1002	Suit GT30-35/GT40 External gate
AF91-1004	Suit T04 & GT42 External gate
AF91-1005	Suit GT45/GT47 External gate
AF91-1006	Suit T-28

Titanium Turbo Bag / Blanket

Aeroflow's turbo blanket is from hi-temp titanium material & designed to reduce turbo lag and control under hood temperatures. Interior surface max temp 2500°F/1370°C, Exterior max temp 2500°F/1370°C.



EXTREME DUTY

Part No	Description
AF91-8000	Suit XR6 & T3 Internal gate
AF91-8002	Suit GT30-35/GT40 External gate
AF91-8004	Suit T04 & GT42 External gate
AF91-8005	Suit GT45/GT47 External gate
AF91-8006	Suit T-28

WATER-METHANOL INJECTION



STAGE 1 BOOST COOLER

Race gas quality fuel on pump gas! Increase your pump gas octane by 25 points and make more power efficiently with a cooler running motor! The Snow Performance Stage 1 Boost Cooler® water-methanol injection kit is available for all forced induction applications (supercharged/turbocharged) and uses a adjustable boost switch to inject a fixed amount of water-methanol into the system until boost goes below the switch set point. Proven to deliver 30-70 HP increases to all forced induction applications! This makes it a good choice for low to medium boost setups (1-15 PSI) looking for an octane enhancement and cooler intake charge. Activation can also be set up through any other user-chosen switch, such as a full throttle switch, nitrous switch, etc.

- Features:
- Made in USA
 - Nickel Plated Metal Fittings
 - Industry Leading 300 PSI Pump For More Pressure Than The Competition
 - Adjustable Boost Setting
 - Level Switch Upgrade and Red LED to Alert User of Low Level
 - Green LED to Alert User When System is Injecting
 - Your Choice of Red, Blue, or Black Methanol Resistant High Temp Nylon Tubing
 - 3 Proprietary Hypersonic™ Nozzles For The Best Atomization on the Market
- What's In The Box:
- 300 PSI UHO (Ultra High Output) Pump
 - 3 Quart Reservoir
 - All Tubing Necessary for Installation
 - 10' ¼ Inch High Temp Nylon Tubing
 - 18" High pressure Boost Line
 - 3' (Black) Wire Loom
 - Adjustable Boost Switch (1-15 PSI)
 - Pig Tail Harness
 - Level Switch Upgrade
 - 1 Nozzle Holder/Check Valve Combo
 - 3 Hyper-Sonic™ Nozzles
 - Required Hardware Needed For Installation
 - Snow Performance Running S Decal
 - Comprehensive Instructions to Install on Any Forced Induction Vehicle

Stage 1 "THE NEW" Boost Cooler

RPSP201

Stage 2 Boost Cooler

This kit uses manifold boost pressure to determine when and how much fluid to inject. Proportionally injecting according to boost pressure gives the most accurate delivery of water-methanol and allows the most cooling and performance improvement over the widest range.

More power and driveability is the result. It can be used on any forced induction engine: carburetted, fuel injected, turbocharged, positive displacement or centrifugal blowers. The most suitable are the centrifugal supercharged and turbocharged engines, as they build boost is a more progressive manner concerning water-methanol injection. The positive displacement blower engines will work, but it might take more work to dial in the delivery. For higher boost applications (over 25psi), the controller can be upgraded to our VC100 unit. **Kit includes:**

- 150+ PSI High Volume Pump • 3 Quart Reservoir
- Digital Variable Controller • Comprehensive Instructions
- 2 Nozzles To Cover a Wide Range of Horsepower
- All Required Hardware Needed For Installation

Stage 2 Boost Cooler

RPSP2010

STAGE 3 BOOST COOLER BOOST/EFI

The Snow Performance Stage 3 Boost Cooler is the most advanced water-methanol injection system for your EFI (electronic fuel injected) and forced induction (turbocharged/supercharged) vehicle. The Stage 3 creates a 2D injection map based off boost and fuel injector pulse width to deliver the most accurate and tunable water-meth delivery on the market. Taking it one step further the Stage 3 will control 2 Hyper-Sonic™ Nozzles independently of one another to solidly the exact amount of water-methanol is provided at all rpm ranges of the engine. This 2D map injection and dual stage technology translates into the most accurate injection curve and tuneability of any water-methanol system giving 50-110 HP gains and up to 150 degree reduction in air temps! Tie this in with the industry leading Snow Performance 300 PSI UHO pump, Hypersonic Nozzles™, and terminated weather tight OEM harnessed wiring connections and the Stage 3 promises to be the easiest and most effective water-methanol system on the market for your EFI and boosted vehicle. **Kit includes:**

- 300 PSI UHO (Ultra High Output) Pump • 3 Qt Reservoir • All Tubing Necessary for Installation • 10' ¼ Inch High Temp Nylon Tubing • 18" High pressure Boost Line
- Terminated Digital Variable Mapping Controller • Terminated Plug & Play Wire Harness • Power Solenoid Upgrade • Level Switch Upgrade • 2 Nozzle Holder/Check Valve Combo • 3 Hyper-Sonic™ Nozzles • Snow Performance Running S Decal • Required Hardware Needed For Installation • Comprehensive Instructions to Install on any EFI/Boosted Vehicle • Snow Performance 1-Year Warranty

Stage 3 Boost Cooler Boost/EFI

RPSP310

STAGE 2 MAF/MAP

The Snow Performance Stage 2 MAF/MAP water-methanol injection kit is designed for all naturally aspirated/ forced induction vehicles utilizing a Mass Air Flow (MAF) sensor or Manifold Absolute Pressure (MAP) sensor. The Stage 2 uses a progressive controller that proportionally injects more or less water-methanol according to MAF/MAP input. Start and full points are adjustable for engagement and delivery curve to match what the engine requires. Proportionally injecting according to MAF/ MAP sensor input gives an accurate delivery of water-methanol for small fast spooling turbos and positive displacement superchargers that hit boost almost instantly and allows the most accurate injection curve which translates into the highest cooling and performance gains. Proven to deliver 20-35 HP and 45 FT/LB of torque on all naturally aspirated applications and 50-80 HP increases and up to 150 degree drop in air temps for all positive displacement superchargers and small fast spooling turbos! The Stage 2 comes with a MAFU controller that can be mounted anywhere in the engine bay or cab for a clean install and comes with the industry leading Snow Performance 300 PSI UHO pump and Hypersonic Nozzles™ for the absolute best atomization and power available for your MAF/MAP equipped vehicle. **Kit Includes:**

- 300 PSI UHO (Ultra High Output) Pump • 3 Quart Reservoir • MAFU Progressive Controller for Use With All MAF/ MAP Sensors • Pig Tail Harness • All Tubing Necessary for Installation • 10' ¼ Inch High Temp Nylon Tubing • 3' (Black) Wire Loom • Level Switch Upgrade • 1 Nozzle Holder/Check Valve Combo • 3 Hyper-Sonic™ Nozzles (175, 375, 625 ml/min) For • Required Hardware for Install
- Snow Performance Running S Decal
- Comprehensive Instructions to Install on Any Vehicle Utilizing a MAF/MAP Sensor

Stage 2 MAF/MAP Water Injection

RPSP212

2011-2017 FORD MUSTANG GT 5.0L STAGE 2 FORCED INDUCTION WATER-METHANOL INJECTION KIT

Snow Performance has combined performance, quality and easy installation in this new water-methanol injection system engineered specifically for forced induction (supercharged/turbocharged) 2011+ Ford 5.0 Coyote engines. Increase your pump gas octane by 25 points and make more power efficiently with a cooler running motor! Complete with custom water-methanol injection throttle body spacer plate, braided stainless line, and 4AN fittings offering an unsurpassed reliability and ease of install. The Stage 2 uses a progressive VC-50 controller (ISO 9001 Manufactured) that proportionally injects more or less according to boost pressure. Start and full points are adjustable for engagement and delivery curve to match what the engine requires. Proportionally injecting according to boost pressure gives an accurate delivery of water-methanol and allows cooling and performance improvements over a wide range for improved drivability. The VC-50 controller (52mm gauge) offers the functionality of a boost gauge and water-methanol controller all in one! Highlighting a 7 colour (Blue, White, Red, Yellow, Orange, Purple, Green) OLED screen displaying boost, percentage of injection, low level, secondary nozzle activation, prime button, and 4 fault codes directly on the screen you can tailor the controller to match your OEM gauges or mix and match up to two colours. Fits all forced induction (supercharged/turbocharged) 2011+ Ford Mustang GTs equipped with the 5.0L Coyote engine.

- Benefits:
- Made In USA • Cooler Denser Air Charge • Achieve 116 Octane Quality Fuel From Pump Gas • Safely Run More Boost & Timing
 - Cleans Engine Combustion Of Carbon Build Up
 - Progressive Water-Methanol Injection
- Features:
- Hard Anodized Black Fittings
 - Industry Leading 300 PSI UHO Pump For More Pressure Than The Competition • 52mm Boost Gauge and Adjustable Progressive Water-Methanol Controller All in One
 - 7 Colours OLED Screen Displays Boost, Injection Percentage, Injection Error (s), Prime Button, Second Stage Activation, and Low Level • New Prime Feature Ensures Water-Methanol In Lines With Push of A Button • 4 Fault Modes (Clogged Line/Broken Line)
 - Level Switch Upgrade • 2 Proprietary Hypersonic Nozzles For The Best Atomization On The Market
 - NOTE: For Forced Induction Applications Only

Stage 2 Boost Cooler 2011-2017 Ford Mustang GT 5.0L

Forced Induction Water-Methanol Injection Kit RPSP2132-BRD



DIESEL STAGE 2 BOOST COOLER WATER-METHANOL INJECTION KIT UNIVERSAL

Lower EGTs 100-300 degrees and increase HP by 65+ with a cleaner, cooler running Diesel! The Snow Performance Diesel Stage 2 Boost Cooler is available for all diesel truck owners looking to have the benefit of water-methanol injection throughout the trucks boost range. The Stage 2 utilizes a progressive VC-50 controller (52mm gauge) that commands two water-methanol nozzles that proportionally inject more or less according to boost pressure. Start and full points are adjustable for engagement and delivery curve to match what the engine requires. Proportionally injecting according to boost pressure gives an accurate delivery of water-methanol and allows cooling and performance improvements over a wide range for improved drivability. The VC-50 controller (52mm gauge) offers the functionality of a boost gauge and water-methanol controller all in one! Highlighting a 7 color (Blue, White, Red, Yellow, Orange, Purple, Green) OLED screen displaying boost, percentage of injection, secondary nozzle activation, prime button, and 4 fault codes directly on the screen you can tailor the controller to match your OEM gauges or mix and match up to two colors. 7 Gal Tank included for trip ready installation. Recommended for all daily driven diesel trucks that see light towing.

Diesel Stage 2 Boost Cooler Water-Methanol Injection Kit Universal RPSP450

DIESEL STAGE 1 BOOST COOLER WATER-METHANOL INJECTION KIT

Decrease EGTs and increase HP in your diesel by 65HP+ in the most cost effective water-methanol injection kit on the market! Utilizing a adjustable boost pressure switch and dual nozzles to deliver precise amounts of water-methanol once 30 boost PSI has been reached (Boost Engagement Adjustable, 30 PSI Boost Hobbs Switch Included). Recommended for all high boost and competition diesels looking to increase HP while decreasing EGTs when on heavy throttle. Comes with easy to mount race ready 3QT tank, high flow check valve, and quick-connect fittings, 300 PSI UHO Pump, and LED alert system.

Diesel Stage 1 Boost Cooler Water-Methanol Injection Kit
RPSP301

DIESEL STAGE 3 BOOST COOLER WATER- METHANOL INJECTION KIT UNIVERSAL

Snow Performance has combined performance, quality, and ease of installation in this new water-methanol injection kit designed for all turbo diesel owners who demand colder EGTs while towing heavy loads. The Diesel Stage 3 Boost Cooler utilizes a 2D mapped controller that commands injection based on boost pressure and EGTs (exhaust gas temperatures) to maintain extremely cold air inlet temperatures, 100-300 EGT decreases, decreased emissions, cleaner engine components, and increased fuel economy all while giving 65+ HP to help pull large hills with easy effort while towing. A must have for the diesel enthusiast that is concerned about the longevity of his truck that sees heavy towing. None invasive, the Diesel Stage 3 Boost Cooler® controller is designed to mount on the steering column or the dash so no drilling/marring of the interior needs to take place or additional gauge pods need to be purchased. Functions as a boost gauge, water-meth controller and EGT monitor all in one! Concerned about warranty? The Snow Performance Stage 3 does not leave a signature on the vehicle leaving your diesel truck with its warranty intact. 7 Gal Tank included for trip ready installation. Recommended for all daily driven diesel vehicles that see heavy towing where EGTs become dangerously high.

Diesel Stage 3 Boost Cooler Water-Methanol Injection Kit Universal
RPSP50100



CARBURETOR SPACER PLATE

1" thick adapter plates allow for a clean and easy install with any Snow Performance Nozzles (one or two) on carbureted applications using a Holley, Edelbrock, or Carter 4150 or 4500 (Dominor) carburetors.

- Includes:
- 4150/4500 style Carb Plate
 - Gaskets Needed for Installation
 - Hardware Needed for Installation
- 4150 Style** **RPSP40050**
4500 Style **RPSP40055**

VC-50 CONTROLLER

The all new VC-50 water-methanol injection controller from Snow Performance is available for all forced induction (turbocharged/ supercharged) vehicles. Heavily loaded, the VC-50 controller comes with a built in manifold absolute pressure sensor that proportionally injects more or less water-meth according to boost pressure. Start and full points are adjustable to match what the engine requires. New dual tone 7 colour (white, green, blue, red, orange, purple, yellow) OLED screen shows boost, percentage of injection, low level, secondary nozzle activation, and 2 specific fault modes (clogged line/broken line) directly on the screen. The controller has the ability to command two stages of water-methanol, is prime button equipped, and can be turned on/off to act as a boost gauge only or boost gauge and water-meth controller all in one!

- Made in USA
 - Robust ISO 9001 Quality Display
 - Progressive Fully Adjustable Boost Referenced Water-Methanol Controller
 - Heads Up Display
 - Pigtail Harnessed Wiring Connections
 - Fully Adjustable Dual Tone 7 Color Screen (Red, Blue, Green, Orange, Purple, White, Yellow)
 - Comes With Universal 2 1/16 Gauge Pod Assembly
- RPSP60500**



MCVC (MUSCLE CAR

VARIABLE CONTROLLER)

The MCVC (Muscle Car Variable Controller) is a progressive water methanol injection controller that utilizes engine vacuum to command injection. Complete with a 5 wire pigtail harness and rpm lockout feature. You can decide exactly what RPM you want your water-methanol to engage. Perfect for all non supercharged/turbocharged vehicles with a carburetted engine looking for an octane enhancement and cooler intake charge. Note: For carburetted naturally aspirated vehicles only

RPSP60040

MAFU CONTROLLER (MAF/MAP)

Controlled by the mass air flow sensor output (voltage/frequency) or a manifold absolute pressure sensor, the MAFU is fully adjustable to progressively inject water-methanol along the entire RPM range of the vehicle. Complete with a 4 wire pigtail harness.

RPSP60100

VC-20 CONTROLLER

The VC-20 controller is a progressive water-methanol controller that can be mounted in the cab/engine bay. Referencing boost (1-20 PSI) this controller will progressively inject water-methanol to match the boost curve of your vehicle. Completely stand alone, this controller will not affect operation of any other vehicle systems. Included 3 wire harness means the only wiring needed for controller is good ground, 12V key on power source, manual boost source, and connection to a Snow Performance pump. NOTE: Boosted Applications Only

RPSP60090

Stage 3 Gasoline Boost Cooler™ Upgrade

Already have a Snow Performance Stage 2 gasoline Boost Cooler™? Snow Performance offers you the option to upgrade just the controller to make your Stage 2 system into a Stage 3. Extremely easy to set up and dial in - the software creates a delivery map from just a few easy to set start and full points you punch in. The LCD Screen displays boost pressure, fuel injector duty cycle, as well as water-methanol injection percent. Quick, easy, positive adjustments are made with 2 push buttons. Low profile design allows for easy-to-view and discrete mounting. Upgrade includes:

- LCD Screen, Pushbutton Digital Variable Mapping Controller
- Comprehensive Instructions

RPSP60061 Stage 3 Gasoline Boost Cooler™



PARTS & ACCESSORIES

WATER/METHANOL PUMP

Take your forced induction ride to the next level with a Holley water/meth injection system! Integrated into the Holley HP and Dominator EFI Systems is the capability to control water/methanol injection, allowing you to safely run on lower octane pump gas! What makes the Holley water/methanol system unique and light years ahead of competitive systems, is that the solenoid flow has been characterized within the ECU. Program in an exact flow amount into the software, and that flow is injected into the engine. This is critical to ensure that neither too little (causing engine damage), nor too much (causing a large loss in power) water/methanol mix is injected into the engine. Select the exact percentage of water/methanol mix to be delivered vs. the percentage of fuel flow present, at any RPM and load. This makes tuning a very simple and accurate process. All components are designed to be compatible with water/methanol mix of up to 50% methanol. The Water/Meth solenoids are run by an injector driver output. If an extra output is not available (as would be the case on a HP ECU driving 8 injectors), PN 554-115 can be purchased that can be driven by a low side PWM output.

140 PSI Pump

H0557-100

220 PSI Pump

The 220 psi pump is high pressure/volume pump that's only necessary in the highest horsepower applications. It is for use with systems running three or more large nozzles or if more injection quantity is needed. Adjustable pressure just like our 150 psi pumps. Suggested for diesel applications running more than 50 psig of boost.

NOTE: The 220 pump should not be used with MPG-MAX systems. It is suggested that the VC100 controller be used in conjunction with the 220 psi pump.

220 PSI Pump



RPSP40300

Nitro Booster

Nitro Booster is a great power adder designed for use with gasoline engines using Boost Cooler water-methanol injection kits. A proprietary blend of nitro methane and a specially developed emulsifier that keeps Nitro Booster equally distributed in the water-methanol mixture. This allows for a small percentage of nitro methane to be injected into the engine in the correct proportion with air and fuel to produce impressive increases in power. Usually, around 30 to 50hp increase can be measured. Nitro methane has fewer BTUs than gasoline, but contains oxygen and acts like a chemical supercharger and an octane enhancer to safely increase power.

Nitro Booster

RPSP40007



Boost Juice

Boost Juice is Snow Performance's proprietary mix of 49% methanol and 51% water. It is made in a controlled environment with special care to make sure the ratios are accurate to result in a high performance water-methanol fluid formulated for use in the Boost Cooler injection system.

Boost Juice 1 Gallon

RPSP40008



Nozzles

Unique design provides the best atomisation possible. Nozzles have integrated 100-micron filters. Support 150-1500 HP.

- Nozzle 100ml/min**
- Nozzle 175ml/min**
- Nozzle 225ml/min**
- Nozzle 375ml/min**
- Nozzle 600ml/min**
- Nozzle 825ml/min**

- RPSP40100**
- RPSP40175**
- RPSP40225**
- RPSP40375**
- RPSP40600**
- RPSP40625**



Nozzle Mounting Adapter

Snow Performance offers a Nozzle Mounting Adapter for those without metal intake tubes. Made from Delrin, the adapter is methanol resistant and highly durable. Installation is easy: simply drill a 3/4" hole using a spade bit, insert the inner adapter piece, and thread on the outer adapter nut.

Nozzle Mounting Adapter

RPSP40110



Nozzle Mounting Bung

Weldable threaded bungs make installing your injector nozzle easier when using thin-walled intake tubing. Simply drill a hole in your intake tube and weld in the bung. Your nozzle then has a strong threaded connection that can be used with confidence. Available in steel or aluminium. 1" diameter, 1/4" thick, 1/8" NPT threads for Snow Performance Boost Cooler nozzle. Can also be used with nitrous nozzles, boost port fittings, etc.

Nozzle Mounting Bung - Aluminium

Nozzle Mounting Bung - Steel

RPSP40120
RPSP40130



Dual Nozzle Upgrade

This allows an additional nozzle to be mounted in any of our Boost Cooler kits. It includes a Tee, or splitter, junction piece with our quick-connect fittings, a nozzle holder and a section of hose. Note - injector nozzle is not included. Mounting additional nozzles are required when you need a quantity greater than one nozzle can provide, or if you have a dual plenum/throttle body/carburetor set-up to get even distribution.

Dual Nozzle Upgrade

RPSP40040



2.5 Gallon Reservoir

The new 2.5 Gallon Reservoir gives much more range than the included 3 qt tanks, and is fairly small in size - 13" L x 9.5" H x 7.5" W (similar to a very small car battery) and includes an additional 10 feet of tubing.

2.5 Gallon Reservoir

RPSP40014

Low Level Indicator

This is a float switch and indicator light that lets you know when your reservoir is running low on fluid. Simple to install and wire in any reservoir.

Level Switch (Unmounted)

RPSP40035

Solenoid Upgrade

Shut off solenoid is used when mounting the injection nozzle lower than the reservoir or the reservoir is rear-mounted to prevent gravity flowing. It is also used to prevent siphoning when the injection nozzle is mounted after the throttle body or carburetor and is exposed to vacuum.

Solenoid Upgrade

RPSP40060

