ATS offers a complete line of Aurora Turbocharger Systems for Ford, GM and Dodge diesel pickups. ATS Aurora turbos are proven daily, in trucks that are used for hauling, towing, off-roading, and racing. With our roots in diesel truck racing, ATS has earned the knowledge and experience to build the best aftermarket turbos in the world.

Aurora Turbo kits are true “Bolt On” kits that can be ordered with any Aurora turbo for a solid increase in horsepower, lower EGT’s and increased fuel economy. The custom engineered pedestals, pipes and hoses create perfect alignment so no welding or modifications are ever needed. Custom intake systems and intake pipes have been designed to fit snugly into the engine compartment using factory mounting points and provide maximum air intake. ATS’s electronic circuitry interprets communication between the factory computer and the turbo for optimal performance.

With its roots in diesel truck racing, ATS has earned the knowledge and experience to build the best aftermarket turbos in the world. ATS turbos are proven daily in trucks that are used for hauling, towing, off-road, racing and other purposes. Here are some reasons for purchasing an ATS Aurora Turbo:

- **QUICKER RESPONSE** (spool up)
- **GREAT LOW-END TORQUE**
- **INCREASED FUEL ECONOMY**
- **BETTER OVERALL PERFORMANCE**
- **LOWER EXHAUST GAS TEMPERATURES (EGTs)**
- **MASSIVE POWER INCREASE**
- **EASY TO INSTALL BOLT-ON KITS**
- **ALL HIGH QUALITY, CAST COMPONENTS**
- **NO NEED TO BUY ANY ADDITIONAL EQUIPMENT OR MODIFY COMPONENTS**

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Whether you’re looking for single, compound, a factory replacement or Plus Kit turbo options, ATS has you covered!
ATS AURORA TURBOS · 3000 SERIES

ATS AURORA 3000
(approx. 65 lbs./min.)

The ATS Aurora 3000 turbo is a quick-responsive, high-pressure ratio turbo system intended for everyday driving and heavy towing. All Aurora 3000 compressor and turbine housings are designed to fit perfectly when replacing your stock turbo.

This turbo can support power levels from stock to 500 rwhp while providing quick spooling, EGT control and increased power across the RPM band.

- Capable of 500 horsepower
- High quality investment cast housing
- Quick spooling
- Lower EGT’s towing
- Increased fuel economy
- Compressor wheel: 58mm inducer (2.3 in.)- 7 blade
- Compressor wheel: 83mm exducer - 14 blade
- Turbine wheel: 74mm inducer - 11 blade
- Turbine wheel: 65mm exducer - 11 blade
- A/R housings: .76 or .85
- T3 exhaust flange

ATS AURORA TURBOS · 4000 SERIES

ATS AURORA 4000
(approx. 75 lbs./min.)

Massive horsepower and torque gains can be achieved with the Aurora 4000 while maintaining quick throttle response. This is a great option for racing, sled pulling, moderate towing and even daily driving. For heavy towing the Aurora 3000 or a compound turbo kit is recommended.

This turbo has the capability to reach 650hp with supporting fuel modifications and higher tuning levels with the ability to run 40+ psi. The increased air volume will utilize all fuel injected into the cylinder creating a more complete and efficient combustion event.

- Capable of 650 horsepower
- High quality investment cast housing
- All-around performance
- Lower EGT’s
- Gains in power
- Compressor wheel: 63mm inducer (2.5 in.)- 7 blade
- Compressor wheel: 92mm exducer - 14 blade
- Turbine wheel: 76mm inducer - 10 blade
- Turbine wheel: 70mm exducer - 10 blade
- A/R housings: .76 , .85 or 1.0
- T3 or T4 exhaust flange
**ATS AURORA 5000 (approx. 95 lbs./min.)**

The Aurora 5000 is a high performance turbo charger that is great for added horsepower and torque. The 71mm inducer on the turbo is a significant jump in performance over the stock charger. This turbo has the capability to reach over 800 hp with supporting fuel modifications and aggressive tuning.

The increased air volume will utilize all fuel injected into the cylinder creating a more complete and efficient combustion event. This will result in lower EGTs, high horsepower capabilities, and a more efficient/powerful torque curve.

- Capable of 800 horsepower
- High quality investment cast housing
- Competition performance, yet still streetable
- Lower EGTs
- Significant horsepower and torque increase
- Compressor wheel: 71mm inducer (2.8 in.) - 7 blade
- Compressor wheel: 100mm exducer - 14 blade
- Turbine wheel: 83mm inducer - 10 blade
- Turbine wheel: 74mm exducer - 10 blade
- A/R housings: .76, .85, 1.0 or 1.1
- T3 or T4 exhaust flange

**ATS AURORA 6000 (approx. 105 lbs./min.)**

The Aurora 6000 was designed to be a high performance, drag racing, sled pulling turbocharger that still has the ability to be daily driven!

This turbo has the capability to reach over 850hp with supporting fuel modifications and aggressive tuning while the massive airflow capabilities provide lower EGT’s, high horsepower and a more efficient and powerful torque curve.

The key to a great running diesel engine is efficiency, and air flow a huge part of that equation. The higher density aircharge you put into the cylinder, the more fuel you will be able to combust, and that is what gives your truck smoke free and efficient power.

- Capable of 850 horsepower
- High quality investment cast housing
- Competition performance
- Lower EGTs
- Massive gains in horsepower and torque
- Compressor wheel: 75mm inducer (3.0 in.) - 7 blade
- Compressor wheel: 92mm exducer - 14 blade
- Turbine wheel: 76mm inducer - 10 blade
- Turbine wheel: 70mm exducer - 10 blade
- A/R housings: .85, 1.0 or 1.1
- T4 exhaust flange
The ATS Aurora Plus 5000 Compound Turbo Kit uses the stock turbocharger and combines it with the powerful ATS Aurora 5000 turbo to give a compound turbo system that is unmatched in response and performance. Compounding turbochargers increase both power and performance. Smaller turbochargers are known for quicker response times and ‘off-the-line’ power, but they are limited in the peak power they can produce. Larger turbochargers can produce massive power, but lag in the lower ranges. Compounding turbochargers allows for the best of both large and small turbochargers to be utilized.

- Capable of 650 horsepower
- High quality investment cast housing
- Amazing all-around performance
- Lowest EGT’s
- Compound the stock HE351 with the massive Aurora 5000
- Gain massive power while maintaining stock response times
- Ultimate towing, racing and sled pulling compound
- Designed to easily install without interfering with stock components
- Comes with a 5 year/500,000 mile warranty

Introducing the ATS Aurora Plus Vortex 5000 Compound Turbo Kit for your 2013+ Cummins® 6.7L. This kit uses the stock HE300VG and combines it with the powerful ATS Aurora 5000 turbocharger to give a compound turbo system that is unmatched in response and performance. The uniquely engineered Vortex manifold allows smooth charge air and exhaust transfer while being compact and ensuring simple installations. Capable of 750+ rear wheel horsepower! Retains factory exhaust brake, and allows use of factory emissions equipment on 2013-current RAM pickups.

- Capable of 750 horsepower
- High quality investment cast housing
- Amazing all-around performance
- Lower EGT’s
- Retains factory exhaust brake
- Gain massive power while maintaining stock throttle response
- Ultimate towing and performance compound
- Easy install without interfering with stock components
- No need for additional parts or fabrication (head studs recommended)
- Comes with a 5 year/500,000 mile warranty
ATS AURORA TURBOS · PLUS 6000

The Aurora Plus 6000 kit was designed to let your truck perform at its peak 100% of the time. The Aurora Plus takes this one step further by incorporating the factory VGT turbo and adding the amazing performance of the ATS Aurora 6000. This allows the truck to keep its lightning fast spool up, incorporated exhaust brake, and excellent throttle response. The more airflow you put in the cylinder, the more fuel you will be able to combust; and that is what gives your truck smoke free power and efficient power.

Due to the increased airflow along the RPM range, it takes less fuel to experience the same amount of power, thus giving you better fuel economy.

- Capable of 850 horsepower
- Amazing all-around performance
- Lowest EGT’s
- Stock spool up with high top-end
- Gain massive power while maintaining stock response times
- Ultimate towing and performance compound
- No need for additional parts or fabrication
- Comes with a 5 year/500,000 mile warranty

ATS AURORA PLUS 7500 KIT (approx. 135 lbs./min.)

The Aurora Plus 7500 kit was designed to put your truck into “beast mode”. This compound setup allows the truck to keep its lightning fast spool up, incorporated exhaust brake, and increase throttle response.

This system keeps everything you love about your truck working, and simply adds the Aurora 7500 to enhance the experience and top-end power. All piping is hand fabricated and powder coated to last the life of the truck, and keep looking good. All hot-pipes are ceramic coated and heat wrapped to keep under hood heat down. The airbox consists of a high-flow filter and sealed cold-air box that keeps the air intake temperatures down. The fit-and-finish of this kit is truly second to none.

- Capable of 1220 horsepower
- Amazing competition performance
- Lowest EGT’s
- Stock spool up with enormous top-end
- Gain massive power while increasing throttle response
- Higher towing mileage
- Flat torque curve
- Best overall setup to do ANYTHING
- No need for additional parts or fabrication
- Comes with a 5 year/500,000 mile warranty

ATS AURORA TURBOS · PLUS 7500

www.atsdiesel.com  ·  @ ATSDiesel  ·  800-949-6002
If you want a turbo that has a clean install, faster spool time, and greater tow capacity over your stock charger, this kit is for you. The ATS Aurora VFR Variable Factory Replacement turbocharger series has upgraded ball bearing packs or journal bearings, depending on application that are far superior to the poor bearing design and material choices from the original equipment manufacturer. Factory turbochargers fail prematurely, but these failures have been eliminated with the upgrade of our HD bearing pack. ATS Aurora VFR turbochargers are an excellent upgrade over stock when being used to simply replace your failed turbocharger or upgrade the power of your diesel. Upgrade your VFR to a compound setup for the ultimate in performance and reliability!

ATS AURORA TURBOS

· VFR SERIES

VFR · VARIABLE FACTORY REPLACEMENT

If you want a turbo that has a clean install, faster spool time, and greater tow capacity over your stock charger, this kit is for you. The ATS Aurora VFR Variable Factory Replacement turbocharger series has upgraded ball bearing packs or journal bearings, depending on application that are far superior to the poor bearing design and material choices from the original equipment manufacturer. Factory turbochargers fail prematurely, but these failures have been eliminated with the upgrade of our HD bearing pack. ATS Aurora VFR turbochargers are an excellent upgrade over stock when being used to simply replace your failed turbocharger or upgrade the power of your diesel. Upgrade your VFR to a compound setup for the ultimate in performance and reliability!

ATS AURORA VFR 3000 · 2007.5 - 2019 DODGE RAM 6.7 COMMON RAIL

(Replaces Holset HE351VE/HE300VG)

• New Actuator
• Billet 316 stainless steel unison rings. No more stuck or warped vanes through the life of the turbo regardless of driving style
• 2 year/ 150,000 mile warranty
• HSM bearing housing
• HSM turbine housing
• Updated electronics
• High temperature ceramic coated turbine housing
• Powder-coated compressor housing
• Maintain all factory functions- Exhaust braking, Warm up function, Quick spool
• Modern solid state electronics for long term reliability
• No programming required
• No deletes required
• Will reliably support as much as 100+ hp over factory unit as a single or up to 750+hp in a plus kit
• No actuator cleaning intervals
• 100% Maintenance free unit
• Extremely Competitive price point

The ATS Aurora 3000 VFR upgraded replacement turbocharger, replacement for the 2007.5 - 2012 6.7L Cummins is a direct drop in full emissions legal turbocharger, and a great value to boot. The 3000 VFR for the 2013 - present iteration includes the harness adapter, making installation a breeze with no difficult or frustrating alterations necessary.

No deletes required means that you are able to retain the original manufacturers powertrain warranty!

Address the common failure items in your factory turbo while retaining all your existing factory systems with the ATS Aurora VFR 3000 turbocharger!
The ATS Aurora 3000 VFR Stage 1 Compound turbocharger, replacement for the 2008 - 2010 6.4L Powerstroke, is full emissions legal turbocharger. Comes with a NEW updated waterless actuator. No deletes required means that you are able to retain the original manufacturers powertrain warranty! Get the most out of your 3000 VFR by installing an Aurora Plus series compound turbo charger.

- Capable of handling over 450 horsepower
- Amazing all-around performance
- Lower EGT's
- Stock spool-up with high top-end
- Gain impressive power and torque while maintaining stock response times
- Ultimate towing and performance compound
- Designed to easily install without interfering with stock components
- No need for additional parts or fabrication
- Comes with a 2 year/150,000 mile warranty
- No tuning required
ATS Aurora 3000 VFR SST Turbocharger for the 2011 - 2014 Ford 6.7L Powerstroke is a reliable strong replacement for your factory unit. Featuring upgraded steel ball bearings and a strong 316 stainless unison ring. The factory turbo puts extra load on the bearings due to the double-back compressor wheel, the Aurora 3000 VFR eliminates these failures completely.

- Capable of handling over 500 horsepower
- Great all-around performance
- No deletes or tuning required
- Stock spool-up and top-end
- Reliable factory replacement
- Upgraded internals equals reliability
- Modular design, easily upgradable
- No need for additional parts or fabrication
- Comes with a 2 year/150,000 mile warranty

Don’t just replace the failed turbo in your 2011 - 2016 Ford 6.7L Powerstroke cab and chassis, replace it with the ATS Aurora 3000 VFR. This turbocharger has been re-designed with upgraded steel ball bearing packs to help eliminate the issues of the factory unit. This upgrade increases durability and provides a reliable upgrade over the factory unit. Re-uses factory pedestal and quick connect lines.

- Capable of handling over 400 horsepower
- Amazing all-around performance
- Low EGT’s
- Stock spool-up and top-end
- Maintain factory throttle response and power
- Reliable for heavy duty operations
- No need for additional parts or fabrication
- Modular design, easily upgradable
- Comes with a 2 year/150,000 mile warranty
The Aurora AFR Aftermarket Factory Replacement Turbocharger is designed to let your truck perform at its peak 100% of the time. Includes new wastegate actuator. Maintain the factory performance while increasing the durability and life of your turbocharger with the high quality investment-cast ATS Aurora 3000 AFR for your 2001-2004 GM 6.6L Duramax.

- Reliable performance
- Low EGT’s
- High quality investment cast housing
- Stock spool-up and top-end
- Gain power, maintain factory throttle response with tuning adjustments
- Capable towing and performance compound
- No need for additional parts or fabrication
- Comes with a 2 year/150,000 mile warranty

ATS Aurora 3000 VFR Turbocharger for 2004.5 - 2010 6.6L Duramax. Features a 61mm compressor wheel, high flow ceramic coated turbine housing with 13.22mm wide Inconel vane pack. Includes NEW solenoid actuator and NEW updated vane position sensor.

- Can handle 100 horsepower over stock with tuning
- All-around performing replacement turbocharger
- High quality investment cast housing
- Low EGT’s
- Stock spool-up and top-end
- Maintain factory throttle response
- Reliable towing and performance compound
- No need for additional parts or fabrication
- Comes with a 2 year/150,000 mile warranty
WHAT SETS ATS AURORA TURBOS APART FROM THE COMPETITION?

ATS Aurora Turbo Systems are the product of years of knowledge, experience, dedication and hard work. From our slim hub design to the lightweight rotating assembly, Aurora turbos feature innovative design elements that are unique to all ATS Diesel Performance products.

Innovations such as low-drag main blades that give you a cooler, denser charge and lightweight rotating assembly for a lightning fast spool-up and factory-like throttle response are just a couple of the unique features that set ATS Aurora Turbo Systems above the competitors.

Aurora Turbo Systems feature a modular design that is easily upgradable so that you spend more time behind the wheel than under the hood. We know how important your truck is to you, because your truck is important to us. That is why we spend so much time researching, designing, testing and developing every single part that goes into our turbo systems that we build right here in Colorado. Whether you are upgrading for massive power and torque gains, looking for a smooth, linear powerband or simply replacing your factory unit, when you install an Aurora Turbo System in your truck, you know you are getting the best turbocharger in the world.

Located in Arvada, Colorado and serving truck enthusiasts for nearly two decades, ATS invents, designs, manufactures, and distributes the world’s most innovative diesel truck performance products worldwide - over 2,000 products for one-stop shopping.

ATS products set the standard for the industry because of their innovation and superior craftsmanship. Clint Cannon, founder, has been key to the development of ATS products and has helped ATS earn its position as the most trusted name in diesel performance products. Clint’s racing experience and vast knowledge of the industry has led ATS to become the authority on diesel performance products. Whether you use your truck for towing, off-road, racing or sled pulling, ATS can provide you with the finest, most reliable and top performing products made today.

ATS has products for GM Duramax®, RAM Cummins®, and Ford Powerstroke® diesel trucks, as well as Jeep® and Dodge HEMI®. Visit us today at www.atsdiesel.com!
CHARGE TUBE FROM INTERCOOLER TO INTAKE FOR 6.7L FORD POWERSTROKE
Charge Tube From Intercooler to Intake for 6.7L Ford Powerstroke. Made with aluminum tubing to replace the weak plastic factory tube. Includes sensor port, aluminum quick connect coupler, strong reinforced boots and clamps for a clean simple install.

PORTED COMPRESSOR HOUSING W/4-INCH BOOT
The ATS Ported Housing offers significant advantages beyond a replacement compressor wheel. The upgraded housing with factory wheel actually flows more air than the “WW” replacements. This Ported Housing will only work on the 1999.5+ 7.3 Powerstroke Ford trucks.

TURBO PEDESTAL, SHORTY, DURAMAX, T-3 FLANGE, CERAMIC COATED BLACK

WHAT ATS CUSTOMERS SAY ABOUT OUR PRODUCTS
“Last fall I purchased and installed an ATS 5000+ turbo system for my 2005 Dodge 3500 DRW. I wanted to utilize the system before I commented on it. I put 67,064 miles on the truck, most of which was pulling a 40 foot, 14,000lb. Fifth wheel. First the system installed easily per the instructions. As far as performance—WOW. The EGTs dropped 350° and there was no way I could get them above 1250° under any conditions. The truck uses a SmartyPOD set conservatively at #3. What a puller it turned out to be, plus I picked up 2.5 mpig on the average (calculated by hand). I don’t have enough words in my vocabulary to express how happy I am with the 5000+ system.”
Gary S.
Yakima, Wa.

ATS Aurora Turbo Systems are your first choice for reliable, EGT-lowering performance. Whether you’re looking to upgrade your Ram Cummins® performance, increase towing ability, or burn up the asphalt, there is an ATS Aurora turbo that fits your needs.

Our comprehensive line of turbo systems range from our popular Aurora 3000 (which offers a strong increase over your stock turbo), all the way to our competition-tested Aurora 6000, boasting a massive 75mm induction compressor wheel. We also offer lightweight components, variable factory replacements and complete out-of-the-box kits. Aurora Turbo Systems deliver amazing efficiency and stunning power all while keeping your factory emissions system intact.

WHAT AURORA TURBO SYSTEMS BEST SUITS YOUR NEEDS?
# ATS Aurora Turbos - Electronic Fuel Regulators

The Electronic Fuel Regulator allows higher boost pressures while maintaining the factory fuel pressures. This is essential when doing any turbo modifications. When the turbo produces boost pressure over stock, the engine will then reduce fuel. The Electronic Fuel Regulator will allow you to get the extra boost out of your turbo without avoiding the factory defuel settings.

## Electronic Fuel Regulator

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## RAM - Cummins

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## Ford - Powerstroke

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ATS Aurora Vortex 5000 Plus Kit - 2013+ Dodge 6.7L

- Lower EGT
- Increase in horsepower and torque
- Retain factory exhaust break

- Great for towing, racing and daily driving
- Works with emissions on
- All hardware included

ATS WARRANTY
5yr/500k

WORKS WITH EMISSIONS ON - 50 STATE COMPLIANT

ATS Parody ad
© 2019 ATS Diesel Performance, Inc.
PROVEN.
DIESEL.
PERFORMANCE.

HARD-WORKING PARTS MADE BY HARD-WORKING AMERICANS, FOR HARD-WORKING AMERICAN TRUCKS!