



www.zex.com • NITROUS HELP™ 1.888.817.1008

NITROUS PRODUCTS



Weight Specifications
Weight of Cylinder & Gas: 24Lbs.6oz.
Weight of Cylinder Empty: 14Lbs.6oz.
Weight of Gas: 10Lbs.0oz.

CONTENTS: NITROUS OXIDE MIXTURE WITH MAXIMUM 100 PPM SULFUR DIOXIDE.
NOTE: FOR RACING USE ONLY.

ZEX™
NITROUS OXIDE
SAFER • SMARTER • FASTER

ZEX™
Rd. Memphis, TN 38118



HOT PRODUCTS



S197 Mustang Nitrous Systems
PAGE 02



LSX Nitrous Systems
PAGE 04



Race Perimeter Plate Kits
PAGE 13



Dual Outlet Purge Kit
PAGE 18



Fuel Flow Check Tool
PAGE 20



TECHNICAL ASSISTANCE is available through a variety of sources:

Toll Free Nitrous Help™: 1.888.817.1008
Website: www.zex.com
Email: zextek@zex.com
24 Hour Fax: 901.375.3430

NITROUS HELP™
888.817.1008

Technical and Sales Personnel are available from 7:00 a.m. to 8:00 p.m. CST, Monday through Friday. ZEX™ is closed on weekends and legal holidays.

Not legal for sale or use in California on pollution controlled vehicles.



TABLE OF CONTENTS

Nitrous Systems

Vehicle-Specific Nitrous Systems

Ford Nitrous Systems.....	02-03
GM Nitrous Systems.....	04
Chrysler Nitrous Systems.....	05
Sport Compact Nitrous Systems.....	06-07
Universal Wet Nitrous Systems.....	08-09
Wet Nozzle Technology.....	10
Direct Port Nitrous Systems.....	11
Perimeter Plate Nitrous Systems.....	12-13
Perimeter Plate Technology.....	14
Dry Nitrous Systems.....	15
Diesel Nitrous Systems.....	16
Motorcycle Nitrous Systems.....	17

Accessories

Nitrous Purge Kits.....	18
LED Purge Kit.....	18
"Show" Purge Kit.....	18
Machine Gun Purge Kit.....	18
Nitrous Pressure Gauge.....	19
Nitrous Pressure Regulator.....	19
Nitrous Bottle Heaters.....	19
Traction Control Window Switch.....	19
Programmable TPS Switch.....	20
Remote Bottle Valve Opener.....	20
Safety Blow Down Kits.....	20
Fuel Flow Check Tool.....	20
Add-A-Stage Nitrous Kit.....	21
Racer's Tuning Kit.....	21
Nitrous Fill Station.....	21
Fuel System.....	21
Nitrous Bottles & Accessories.....	22

Components

Nitrous Management Units.....	23
Nozzles.....	23
Plates.....	23
Fittings.....	24-25
Steel Braided Hoses.....	26
Solenoids & Accessories.....	26
Electrical Components.....	27
Tools.....	27
Nitrous/Fuel Jets.....	28

Frequently Asked Questions.....	29
---------------------------------	----



QUICK REFERENCE GUIDE

- Application Chart
- Spark Plugs
- Merchandise
- Apparel

* see insert



FORD

Whether you have a Ford Mustang or an F-Series Truck, ZEX™ can accommodate your nitrous needs. We offer complete nitrous kits for several Mustang applications as well as the 1999-2004 F-Series Trucks. Our Quick Reference Guide has a complete listing of Ford specific kits and accessories.



#82242



2005-Current Mustang GT Nitrous System

Due to a fuel system redesign on the 2005 to current Mustang GT, standard EFI nitrous kits are no longer compatible for these vehicles. ZEX™ developed a plug & play kit especially for these newer Mustangs that is adjustable from 75-175 hp. The kit comes with all necessary components, including solenoids, filters and activation electronics, all assembled in the Nitrous Management Unit.

Includes a custom designed billet fuel rail adapter for installing nitrous on 2005 & newer Mustangs.

- Adjustable from 75-175 horsepower; perfect for stock or modified engines
- Patented electronic TPS switch activates nitrous at wide-open throttle
- Includes a billet fuel rail adapter for tapping into the Mustang's fuel system; a must-have component when installing nitrous on 2005 and newer Mustangs

DESCRIPTION	PART #
2005-Current Mustang GT Nitrous System	82034



2005-Current High Output Mustang Nitrous System

If our standard street nitrous kits aren't enough power, this is just the system you need. Designed specifically for Ford Modular 3V engines, this easy-to-install kit features jets to allow tunability from 100-250 horsepower. The kit also features our patented electronic TPS switch that reliably activates the system at wide-open throttle, perfect for the Mustang's throttle-by-wire technology.

High-flow nitrous and fuel solenoids provide maximum power & reliable activation in the High Output Mustang kit.

- Adjustable from 100-250 horsepower
- High-flow nitrous and fuel solenoids for maximum power potential
- Active Fuel Control™ adjusts fuel flow as bottle pressure varies
- so you're never too rich or too lean

DESCRIPTION	PART #
2005-Current High Output Mustang Nitrous System	82242



2005-Current V6 Mustang Nitrous System

With a strong factory rated 4.0L V6 putting out a solid 210 hp, the V6 Mustang is an excellent candidate for a shot of nitrous. This direct-fit wet nitrous system, made specifically for the new generation V6 Mustang, includes all necessary hoses, wires and even a custom machined billet fuel rail adapter that have all been engineered and manufactured for a perfect fit on these Mustangs.

Innovative cigarette lighter power adapter provides power for the V6 Mustang kit but doubles as an arming switch.

- Designed to add anywhere from 55 to 100 horsepower
- Includes fuel rail adapter custom designed for this application
- Designed specifically for plug & play installation in S197 4.0L V6 Mustangs

DESCRIPTION	PART #
2005-Current V6 Mustang Nitrous System	82307



#82217



FORD

Patent #'s: 6,234,155
7,147,173

1999-2004 Mustang GT Nitrous System

Finally, a custom made kit for 1999-2004 Mustangs. With power settings adjustable from 75-175 hp, this kit features custom engineered hoses, wires, and billet fuel rail adapters for a perfect fit and easy install. Like all ZEX™ kits, this system features Active Fuel Control™ to adjust fuel enrichment and uses an electronic TPS switch for perfect nitrous activation at wide-open throttle.

- 75-175 horsepower, a perfect power range for stock or fully built engines
- Billet fuel rail adapter bolts right on, no drilling required for the kit's fuel connections
- Fuel jets have been tuned for the 40psi fuel pressure found on these Mustangs

DESCRIPTION	PART #
1999-2004 Mustang GT Nitrous System	82217



Billet fuel rail adapter bolts directly on to '99-'04 Mustang GT's – no drilling or cutting of lines required.

1999-2004 F-Series Truck Nitrous System

The Ford 2 Valve Modular V8 engines found in many F-Series trucks are the perfect platform for nitrous injection upgrades. The 1999-2004 Ford F-Series Truck Nitrous Kit comes factory pre-assembled, making for a 2 hour plug and play installation. Power settings are fully adjustable from 75 to 125 horsepower with the included tuning jets.

- Adjustable from 75-125 horsepower
- Active Fuel Control™ automatically adjusts fuel enrichment so you will never run too rich or too lean
- Electronic TPS activates nitrous only at wide-open throttle, allowing you to concentrate on your driving

DESCRIPTION	PART #
1999-2004 F-Series Truck Nitrous System	82240



The F-Series Truck nitrous system includes everything necessary for a complete install, including these custom engineered -3AN hoses and fittings.



RECOMMENDED ACCESSORIES

◀ Nitrous Purge Kit (Part #82010)	See page 18
Nitrous Pressure Gauge (Part #82005)	See page 19
Nitrous Bottle Heater (Part #82006)	See page 19
Traction Control Window Switch (Part #82085)	See page 19
Remote Bottle Valve Opener (Part #82009)	See page 20

GENERAL MOTORS

Patent #'s: 6,234,155
7,147,173

GM produces some of the most popular applications on the road, and ZEX™ has created nitrous kits for many of them, including the widely used LSX engines. We also have universal systems for many other GM vehicles; see our Quick Reference Guide or visit www.zex.com for a complete application listing.

#82235



LSX Nitrous System

The LSX Nitrous System is specifically fuel tuned for GM's LSX engines (LS1, -2, -6, -7). These engines use higher fuel pressures (58psi) and have noticeable power increases when custom jetted. In addition to optimized jet tuning, this kit also includes an extra long 18 ft. nitrous feed line from the bottle. This is nearly 2 feet longer than most universal kits, but it gives you the extra length needed for installing the nitrous bottle deep in an F-body chassis trunk.

- Adjustable from 75 to 175 horsepower
- Extra long nitrous feed line for easy installation in all F-bodied vehicles
- ZEX™ electronics use the vehicle's TPS sensor to activate the nitrous system only at wide-open throttle



Extra long 18 ft. feed line is provided for clean bottle installation in an LS-equipped F-body's deep trunk.

DESCRIPTION	PART #
LSX Nitrous System	82235



Large, high-flow solenoids for big power & a programmable TPS switch for electronic throttle activation on LSX engines are included in the High Output Kit.

Gen III (LS1, -2, -6) High Output Nitrous System

Our Gen III High Output Kit is ideal for any GM LSX-powered vehicle looking for a serious power upgrade from the standard ZEX™ system. This kit features giant, high-flow nitrous and fuel solenoids and -4AN nozzle feed lines. All of this high-flow hardware allows you to spray from 100-250 hp. Also included with this ZEX™ system is Fuel Shear™ Technology, which injects enrichment fuel directly in the nitrous plume for better atomization.

- Allows you to spray from 100-250 horsepower
- Enrichment fuel injected into nitrous plume for better atomization
- Designed specifically for GM Gen III engines

DESCRIPTION	PART #
Gen III (LS1, -2, -6) High Output Nitrous System	82087



Extra long nozzle lines make Nitrous Management Unit placement in the Silverado's engine bay much easier.

Silverado Nitrous System

Safely add 75-125 horsepower to 1999 & newer Vortec V8-powered Chevy Silverado trucks. This nitrous kit was specifically designed to fit on Chevrolet's 4.8, 5.3 and 6.0L Vortec V8 engines and features patented ZEX™ technology, including Active Fuel Control™ to adjust enrichment fuel and an electronic TPS sensor to automatically engage nitrous at wide-open throttle. You won't find a more powerful or easy-to-install system on the market.

- Fully adjustable power settings from 75 to 125 horsepower
- Custom engineered components for a clean install on your truck
- Factory pre-assembled for a simple, 2 hour installation

DESCRIPTION	PART #
Silverado Nitrous System	82231



Patent #'s: 6,234,155
7,147,173



#82177

CHRYSLER

Chrysler fans are dedicated to their vehicles so we dedicated a full range of nitrous systems to Chrysler engines. We have a kit for everything from Hemi trucks to Jeep Grand Cherokees and everything in between. For more applications, see the Quick Reference Guide in this catalog or visit www.zex.com.

Hemi Truck Nitrous System

Safely add 75-125 horsepower to 2003 and newer Chrysler Hemi truck engine applications. The late model Hemi electronic fuel injected engines are the perfect platform for nitrous upgrades. The Hemi Truck Nitrous System has several unique features, including an in-line style fuel adapter that just snaps into place. The Hemi trucks also have a relatively high base fuel pressure, 58psi, requiring a special jet selection that's included in the kit for perfect tuning.

- Safely adds 75-125 horsepower
- Custom length hoses and wiring for a clean install on these trucks
- Special jet selection included for optimum fuel tuning

DESCRIPTION	PART #
Hemi Truck Nitrous System	82176



In-line style fuel adapter easily snaps into place on Hemi trucks.

Charger/Magnum Nitrous System

The 2005 and newer Charger/Magnum Nitrous System has a fuel tap adapter that replaces the factory fuel line assembly on the passenger side of the engine. Much like the Hemi truck engine, the Charger and Magnum Hemi engines also uses a high pressure, 58psi, fuel system. Because of this, special jets are included in the kit for the optimum tuning.

- Kit is fully adjustable from 75-125 horsepower
- Fuel line adapter for the nitrous kit replaces passenger-side O.E.M. fuel line assembly
- Kit fits the SRT8 models perfectly, make an easy 500+ hp with the 6.1L engine

DESCRIPTION	PART #
Charger/Magnum Nitrous System	82177



Custom fuel line kit includes OEM quality connectors and hose for the Charger/Magnum system.

Jeep Grand Cherokee SRT8 Nitrous System

Add this kit to an otherwise stock Jeep Grand Cherokee SRT8 and you'll be running low 12's in the quarter mile. Mildly modified Jeep SRT8s have already been in the 11's. The custom Jeep SRT8 fuel rail adapter clears the tight fuel rail connection at the back of the engine and is adjustable from 75 to 125 hp. Included is special fuel jetting for the 6.1L Hemi engine.

- Adjustable from 75 to 125 horsepower
- Special fuel line adapter for the Jeep SRT8 engine makes for easy install
- Low 12 second quarter mile for stock Jeep, high 11 second e.t. with basic bolt-ons

DESCRIPTION	PART #
Jeep Grand Cherokee SRT8 Nitrous System	82241



Supplied fuel line quick connectors make installation on the SRT8 easy with no cutting or drilling needed.

SPORT COMPACT

Small displacement sport compact vehicles respond amazingly well to nitrous oxide injection. Understanding the engineering behind these complex power plants, ZEX™ has designed highly sophisticated systems that are easy-to-install. Take a look at all the sport compact application specific nitrous kits ZEX™ has to offer.



#82238



2003-2006 Nissan 350Z Nitrous System

The ZEX™ 350Z Nitrous System is the only direct fit nitrous system on the market for this incredible car. The kit includes a custom designed billet fuel adapter that simply bolts on to the factory fuel rail. This adapter keeps you from having to cut any fuel lines during installation. Because of the 350Z's higher than usual base fuel pressure of 51psi, we have also included a custom set of tuning jets that not only maximize power but engine safety as well.

Every hose, wire & a custom machined billet fuel rail adapter have been engineered for a perfect fit on the 2003-2006 350Z.

- Adjustable from 55 to 100 hp; perfect for serious performance increases
- ZEX™ Active Fuel Control™ adjusts fuel enrichment with variations in bottle pressure; you're never too rich or too lean
- ZEX™ electronics activate the nitrous system only at wide-open throttle

DESCRIPTION	PART #
2003-2006 Nissan 350Z Nitrous System	82220



2007-Current Nissan 350Z Nitrous System

ZEX™ has developed an innovative wet nitrous system for the dual throttle body engine in 2007 and newer 350Zs that can add anywhere from 75 to 100 hp. ZEX™ electronics use the vehicle's throttle-by-wire system to activate the nitrous at wide-open throttle, and Active Fuel Control™ Technology adjusts fuel enrichment with variations in bottle pressure, so you're never too rich or too lean.

This kit for 2007 & later 350Zs ships with fuel line quick connectors to simplify installation.

- Power settings are fully adjustable from 75 to 100 horsepower with supplied tuning jets; perfect for mild to wild performance
- Hoses, wires, & fuel line adapter are custom designed for the 2007 & newer 350Z
- Designed for a plug & play installation on 350Z dual throttle body engines

DESCRIPTION	PART #
2007-Current Nissan 350Z Nitrous System	82238



Turbo Nitrous System

The ZEX™ Turbo Nitrous System is specifically designed to help spool-up engines equipped with big turbos. This kit has all of the same great features as our standard EFI wet nitrous systems but includes the addition of a fully adjustable boost switch, which allows you to spray a small shot of nitrous to help spool-up the turbo as soon as a certain level of turbo boost is reached, the nitrous automatically shuts off.

Adjustable boost switch deactivates nitrous once turbo spools up.

- Adjustable from 25 to 75 horsepower
- Eliminates boost lag for instant turbo power
- Shuts off nitrous once the turbo has spooled-up

DESCRIPTION	PART #
Turbo Nitrous System	82218



SPORT COMPACT

Patent #'s: 6,234,155
7,147,173



#82314

Scion tC Nitrous System

ZEX™ continues to be the dominant leader in nitrous systems designed for the sport compact market. Our plug & play nitrous system for the 2005-Current Scion tC fits perfectly and installs in just 2 hours. The kit includes OEM quality fuel connectors, making it easy to hook-up the nitrous system's fuel connections. The kit also includes custom tuning for maximum power and safety.

- Designed to add 55 to 75 additional horsepower
- Features electronic TPS switch that activates nitrous at wide-open throttle
- Custom fuel connectors are supplied to make installation simple; no cutting or drilling of your factory fuel system lines

DESCRIPTION	PART #
Scion tC Nitrous System	82321



Supplied fuel line quick connectors make installation easy with no cutting or drilling needed.

Honda Fit Nitrous System

Add a burst of power to your Honda with a ZEX™ nitrous kit made just for the 2007-Current Honda Fit. Nothing will get you out ahead of the competition like a shot of nitrous, and ZEX™ has made it easy with a custom designed nitrous system that installs in just 2 hours and adds anywhere from 35 to 55 additional horsepower. Everything is designed for a clean, custom looking installation.

- Adjustable from 35 to 55 horsepower; perfect for serious performance increases
- ZEX™ electronics activate the nitrous system only at wide-open throttle; works perfectly with the throttle-by-wire technology found on the Fit
- Designed for a custom, plug & play installation on all 2007-Current Honda Fits

DESCRIPTION	PART #
Honda Fit Nitrous System	82314



Customized fuel line connectors make each ZEX™ nitrous kit a perfect fit for the requested application



RECOMMENDED ACCESSORIES

Nitrous Purge Kit (Part #82010)	See page 18
◀ Nitrous Pressure Gauge (Part #82005)	See page 19
Nitrous Bottle Heater (Part #82006)	See page 19
Traction Control Window Switch (Part #82085)	See page 19
Remote Bottle Valve Opener (Part #82009)	See page 20

UNIVERSAL WET KITS

4-6 Cylinder EFI Wet Nitrous System

The ZEX™ 4-6 Cylinder Wet Nitrous Kit is a universal kit that is designed to work safely on stock type engines but is also engineered to perform flawlessly on highly modified turbocharged and supercharged combinations. It is a simple, 2 hour installation and the kit includes proper tuning jets, a range of fuel tap fittings, solenoids, filters and activation electronics that are factory pre-assembled in the Nitrous Management Unit.

- Includes jets for adding 55-75 horsepower
- Active Fuel Control™ monitors bottle pressure & adds or subtracts enrichment fuel for maximum engine safety & power
- Designed for stock type engines but will also work on highly modified engines



#82021

DESCRIPTION	PART #
4-6 Cylinder EFI Wet Nitrous System	82021

V8 EFI Wet Nitrous System

Another universal kit designed to work with stock type engines is our V8 EFI Nitrous System. Designed to provide anywhere from 75-125 additional horsepower, this can also be installed on turbocharged/supercharged vehicles and is still only a 2 hour installation. All necessary components are shipped with the kit, including tuning jets, fuel tap fittings and a Nitrous Management Unit that contains solenoids, filters and activation electronics.

- Designed to provide 75-125 horsepower
- Uses both Active Fuel Control™ to monitor bottle pressure and a ZEX™ patented TPS switch to activate nitrous
- Ships with tuning jets, fuel tap fittings, solenoids, filters and all necessary activation electronics



#82023

DESCRIPTION	PART #
V8 EFI Wet Nitrous System	82023

Truck Nitrous System

This nitrous system is specially engineered for the performance and safety needs of hot rod, off-road and late model truck owners. When designing the truck nitrous systems, ZEX™ engineers looked at truck configurations which feature larger engine bays and different in-cab mounting locations than cars. Designed to work equally well on 4, 6 or 8 cylinder EFI engines, the Truck Nitrous System is a perfect fit on pick-up style trucks.

- Adjustable from 55-125 horsepower
- Active Fuel Control™ monitors bottle pressure to adjust fuel enrichment
- Nitrous activates electronically at wide-open throttle using engine TPS; perfect nitrous engagement, especially on new throttle-by-wire trucks
- Designed specifically for trucks that feature large engine bays and different in-cab mounting locations than cars



#82047

DESCRIPTION	PART #
Truck Nitrous System	82047



UNIVERSAL WET KITS

Patent #'s: 6,234,155
7,147,173

Race EFI Nitrous System

For serious race applications, the ZEX™ Race EFI Nitrous System is the best choice. Featuring Fuel Shear™ Technology, enrichment fuel is injected directly into the center of the nitrous plume, yielding total and even fuel atomization. Tunable from 100-250 hp, the race kit features other important ZEX™ features: Active Fuel Control™ to adjust fuel enrichment with fluctuations in bottle pressure and the patented ZEX™ electronic TPS switch for nitrous activation at wide-open throttle.

- Delivers 100-250 horsepower increase
- Features several unique ZEX™ technologies: Active Fuel Control™, Fuel Shear™ Technology & patented TPS switch
- Designed for serious street/strip & race applications

DESCRIPTION	PART #
Race EFI Nitrous System	82037



#82037

Dual Stage EFI Nitrous System

The ZEX™ Dual Stage EFI Nitrous System is more effective than a typical single stage system because it gradually adds the nitrous power in two separately controlled stages instead of one big “hit” to give you a faster quarter mile e.t. The first nitrous stage is activated automatically when you go to wide-open throttle via the TPS-mounted switch. The second stage activates when you press an additional activation push-button. It also includes jets for adding an extra 50-300 horsepower and is a complete kit, right down to the wire ties.

#82065



- Tunable from 50-300 additional horsepower
- Two separate power stages for maximum traction control
- Fuel Shear™ Technology injects enrichment fuel directly into nitrous plume for better atomization
- Active Fuel Control™ adjusts fuel enrichment in accordance with bottle pressure so you'll never run too rich or too lean

DESCRIPTION	PART #
Dual Stage EFI Nitrous System	82065



RECOMMENDED ACCESSORIES

Nitrous Purge Kit (Part #82010)	See page 18
Bottle Pressure Gauge (Part #82005)	See page 19
◀ Nitrous Bottle Heater (Part #82006)	See page 19
Traction Control Window Switch (Part #82085)	See page 19
Remote Bottle Valve Opener (Part #82009)	See page 20

WET NOZZLE TECHNOLOGY

Most nozzle designs are all alike. Other manufacturers may change a hole location here or a tip angle there, but in reality, there really hasn't been a breakthrough in nozzle technology in over 20 years...until now. The most important function of a nozzle is to properly mix and atomize the correct amounts of nitrous and fuel. Some designs spray a solid stream of fuel at the nitrous stream and hope that it will atomize properly. Other designs are forced to run excessively rich, so when nitrous bottle pressure and flow increase, their systems won't run dangerously lean. ZEX™ has developed two new nozzle technologies that not only give our design the ability to atomize the fuel to levels never achieved before, but also to adjust fuel delivery on its own. The result is a nozzle that atomizes fuel and nitrous better than any previous design and provides the optimized tune-up at all bottle pressures. These groundbreaking technologies give you a significant power advantage over conventional nozzles.



#82025

POWER ADVANTAGE #1

Fuel Shear™ Technology:

Patent #: 7,147,173



ZEX™ Fuel Shear™ Technology injects enrichment fuel using a fuel transfer tube. This tube allows the ZEX™ nozzle to directly inject fuel into the highest velocity area of the nitrous plume. This high-speed nitrous shears the fuel away from the tube, atomizing it to levels other nozzle designs never achieve. This high level of atomization ensures perfect fuel distribution from cylinder to cylinder; ensuring one cylinder is never dangerously rich or lean, like competitor's nozzles. This finely atomized mixture delivered by the ZEX™ nozzle also burns more powerfully and maximizes the horsepower you get from your nitrous system.

POWER ADVANTAGE #2

Active Fuel Control™ Technology:

Active Fuel Control™ is a revolutionary nitrous tuning and safety feature. In your engine, a vacuum is created as nitrous gas is sprayed across the open end of the nozzle's fuel transfer tube. As bottle pressure rises or lowers due to bottle temperature changes, the speed of the nitrous discharge varies to the same degree. This causes the level of vacuum draw in the fuel transfer tube to vary as well. This variable vacuum draw causes the ZEX™ nozzle to actually "pull" more or less enrichment fuel into the engine. This means your engine never runs dangerously lean or overly rich. The nitrous tune-up stays dead-on for maximum engine safety and power at all times.



DIRECT PORT

Patent #: 6,234,155

4 Cylinder EFI Direct Port Nitrous System

The ZEX™ 4 Cylinder EFI Direct Port Nitrous System is unique in that it comes with pre-made nozzle flex lines to make installation a snap, so you don't have to spend hours cutting and bending traditional hard-lines. This kit also features a unique dual stage jetting system that gives you much finer cylinder to cylinder tuning options. The kit adds 50 to 200 horsepower and uses our patented fuel adjusting nitrous nozzle.

- Adjustable from 50 to 200 horsepower, perfect for fully built competition engines
- Uses one injector nozzle per cylinder for perfect nitrous and fuel distribution
- Dual stage jet technology uses one jet in the distribution block and one jet in the injector nozzle to offer finer tuning adjustments & hp level changes

DESCRIPTION	PART #
4 Cylinder EFI Direct Port Nitrous System	82030

#82030



LSX™ Manifold Direct Port Nitrous System

The ZEX™ LSX™ Manifold Direct Port Nitrous System is the only custom made system for the FAST™ LSX™ Intake Manifold. Like all of our EFI Direct Port Systems, the kit includes custom distribution flex lines for easy installation. Designed to add from 75 to 300 hp, the kit uses a patented injector nozzle that delivers optimum nitrous and fuel atomization and activates at wide-open throttle using our patented throttle position sensor technology.

- Adds anywhere from 75-300 horsepower
- Uses custom made distribution flex-lines that give it a perfect fit on the popular FAST™ LSX™ Intake Manifold
- Includes 10 lb. bottle, brackets, nitrous & fuel solenoids, electronic throttle activation switch, and all plumbing & electrical connectors

#82032



DESCRIPTION	PART #
LSX™ Manifold Direct Port Nitrous System	82032

Small & Big Block V8 EFI Direct Port Nitrous Systems

A complete, easy-to-install direct port nitrous system for any V8 EFI engine. The kit adds 75 to 300 horsepower, uses our self-adjusting, patented injector nozzles, and activates nitrous at wide-open throttle using our patented throttle position sensor switch technology. The kit includes everything necessary, including a bottle, brackets, solenoids and plumbing and electrical connectors, making it a snap to install on virtually any V8 EFI engine.

- Adjustable from 75 to 300 horsepower
- Uses distribution flex-lines that make for an easy fit on your intake manifold; no time wasted on bending and cutting hard lines
- Includes a 10 lb. nitrous bottle, brackets, nitrous and fuel solenoids, electronic throttle activation switch, and all plumbing and electrical connectors

DESCRIPTION	PART #
Small Block V8 EFI Direct Port Nitrous System	82062
Big Block V8 EFI Direct Port Nitrous System	82063

#82062



PERIMETER PLATE

Perimeter Plate Nitrous Systems

Our revolutionary Perimeter Injection™ Technology provides optimum nitrous and fuel atomization for maximum horsepower. The ZEX™ Perimeter Plate Nitrous System is a complete kit that provides the optimum spray efficiency with nitrous and fuel outlets placed at 12 injection points around the perimeter of the intake manifold opening. This provides optimum distribution of nitrous oxide and fuel and delivers the most horsepower possible from your kit. Through an ingenious cooling technology called Cryo-Sync™, super chilled nitrous is injected through the ZEX™ plate before being injected into the engine. This rapidly cools the carburetor and intake manifold, generating even greater power. The ZEX™ Perimeter Plate Nitrous System is tunable from 100 to 300 horsepower and is available for both square flange and Dominator, four-barrel carbureted applications.

- Adjustable from 100 to 300 horsepower
- Nitrous and fuel in injected via outlets placed at 12 points around intake plenum
- Cryo-Sync™ Technology cools the carburetor and manifold for additional power
- Available for both square flange & Dominator four-barrel applications



DESCRIPTION	PART #
Square Flange Perimeter Plate Nitrous System	82040
Dominator Perimeter Plate Nitrous System	82048

Perimeter Plate Conversion Kits

Update your obsolete spray-bar type nitrous system with one of our Perimeter Plate Conversion Kits. This cost effective and easy-to-install alternative immediately delivers all the benefits of the ZEX™ Perimeter Plate Nitrous System without having to purchase an entirely new nitrous kit. The conversion kit includes the perimeter plate, fitted carburetor gaskets and jet conversion chart.



- Improved perimeter injection results in even distribution of fuel and nitrous for maximum power & engine safety
- Creates a low pressure point in the intake plenum for increased engine airflow
- Utilizes three revolutionary, ZEX™ patented nitrous technologies: Perimeter Injection™, Cryo-Sync™ Technology, & Airflow Enhancement™
- Available for square flange & Dominator applications

DESCRIPTION	PART #
Square Flange Perimeter Plate Conversion Kit	82043
Dominator Perimeter Plate Conversion Kit	82072



RECOMMENDED ACCESSORIES

Nitrous Purge Kit (Part #82010)	See page 18
Bottle Pressure Gauge (Part #82005)	See page 19
Nitrous Bottle Heater (Part #82006)	See page 19
◀ TrACTION CONTROL WINDOW SWITCH (Part #82085)	See page 19
Remote Bottle Valve Opener (Part #82009)	See page 20



PERIMETER PLATE

Dual Perimeter Plate Nitrous Systems

Until recently, nitrous systems for dual 4-barrel intake manifolds have consisted of a couple of plates bolted under the carburetors, equipped with crude brass spray bars to inject nitrous and fuel into the intake charge. The ZEX™ system has nitrous and fuel outlets placed at 24 injection points around the perimeter of the intake manifold's plenum. This distributes nitrous oxide and fuel perfectly and guarantees the most horsepower possible. With another ZEX™-developed technology called Cryo-Sync™, super chilled nitrous is injected through the ZEX™ plates to cool the carbs and intake before being injected into the engine. Finally, ZEX™ Airflow Enhancement Technology creates an intense low pressure area under the carbs while you spray; helping to smooth and increase the airflow into the engine.

- Tunable from 100 to 300 horsepower
- Fits all side-by-side, dual 4-barrel intake manifolds
- Available for both square flange & Dominator applications

DESCRIPTION	PART #
Square Flange Dual Perimeter Plate Nitrous System	82185
Dominator Dual Perimeter Plate Nitrous System	82190



EFI Perimeter Plate Nitrous System

For years, if you wanted to put a plate nitrous system on your formerly carbureted, now EFI square flange manifold, you had to buy a carburetor plate kit and try to make it work by guessing the correct jetting for the application. ZEX™ developed the industry's only complete nitrous system specifically designed for popular square flange EFI conversion manifolds. You can now get all the benefits from the latest Perimeter Injection™ Technology in a powerful and safe, easy-to-install EFI nitrous kit that can instantly add anywhere from 100 to 300 hp!



- Adjustable from 100 to 300 horsepower
- Cryo-Sync™ Technology cools the perimeter plate, throttle body and manifold for added power
- Nitrous and fuel spray efficiency through outlets placed at 12 injection points
- Compatible with any square flange, four-barrel style, EFI conversion intake manifold

DESCRIPTION	PART #
Square Flange EFI Perimeter Plate Nitrous System	82221

Race Perimeter Plate Nitrous Systems

The ZEX™ Race Perimeter Plate Nitrous System is for the serious competitor who wants only the highest performing system on his or her race car. This race kit is fully adjustable between 100 and 450 horsepower. Featuring ZEX™ Perimeter Injection™ Technology, nitrous is injected directly into the intake manifold plenum in a 360-degree ring. This smoothes out the distribution and results in a consistent and safe power delivery. The system also benefits from Cryo-Sync™ Technology to help lower the temperature of the carb and manifold surfaces, creating a cooler, denser nitrous/fuel/air charge entering the engine. The system includes the perimeter plate, a 10 or 15 lb. nitrous bottle with high-flow race valve, -6AN feed lines and fuel and nitrous solenoids.

- Add anywhere from 100 to 450 horsepower
- Nitrous bottles available in 10 or 15 lb. size
- Both square flange & Dominator intake manifold applications available

DESCRIPTION	PART #
Square Flange Race Perimeter Plate System (10 lb. Bottle)	82311
Square Flange Race Perimeter Plate System (15 lb. Bottle)	82237
Dominator Race Perimeter Plate System (10 lb. Bottle)	82312
Dominator Race Perimeter Plate System (15 lb. Bottle)	82310

#82237





PERIMETER PLATE TECHNOLOGY

Typical spray-bar nitrous plates are built on obsolete 30-year-old technology. Not surprisingly, these plates suffer from design compromises that can result in less-than-optimal performance and reliability. For example, because of their inherent inefficiency, traditional plate systems are usually calibrated to create an overly rich fuel mixture in some cylinders, simply to prevent a lean condition in others. The ZEX™ Perimeter Injection™ Technology uses incredibly precise metering and distribution to eliminate this imbalance. It's a whole new way of thinking about plate systems! The engineering process that yielded these advances took over two years to complete and resulted in three totally new nitrous technologies, each of which gives you a significant power advantage over conventional plate systems.

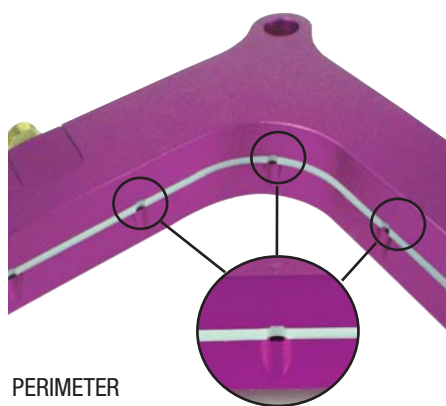


Check out ZEX.com for a video clip showing our Perimeter Injection™ Technology in action.

POWER ADVANTAGE #1

Perimeter Injection™ Technology:

Unlike traditional nitrous kits, the ZEX™ Perimeter Plate employs multiple injection points to create a perfectly atomized blend of fuel and nitrous. This mixture is then fired directly into the center of the intake plenum, ensuring equal dispersal between cylinders. By optimizing cylinder-to-cylinder distribution, ZEX™ Perimeter Injection™ Technology generates maximum power without sacrificing engine safety.



PERIMETER INJECTION™ POINTS



INTERNAL DELIVERY CHANNEL

POWER ADVANTAGE #2

Cryo-Sync™ Technology:

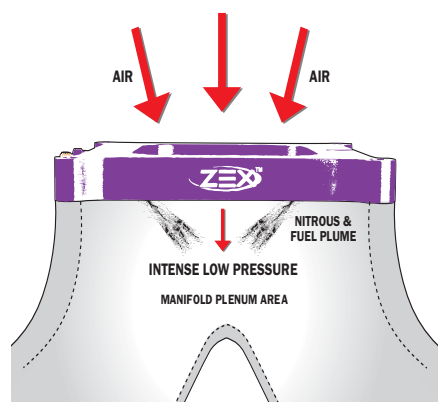
The ZEX™ Perimeter Plate routes the nitrous through a set of internal passages before spraying it into your engine. During this circulation process, the nitrous temperature drops to -127 degrees below zero! This cryogenic phenomenon effectively turns the plate into an ultra-efficient Cryo-Sync™, cooling your carburetor and intake manifold for additional power.

** Go to ZEX.com for a video clip demonstrating the Cryo-Sync™ Technology at work.*

POWER ADVANTAGE #3

Airflow Enhancement Technology:

The ZEX™ Perimeter Plate has been designed to inject the nitrous at an optimized angle, toward the center of the intake plenum. In addition to ensuring proper cylinder distribution, this ZEX™-developed technology creates a pocket of intense low pressure just below the carburetor while the nitrous is being sprayed. This low-pressure area enhances airflow into your engine, further improving power.



MAKE THE SWITCH – Whether you're installing a new plate nitrous system or simply want to upgrade your old set-up for improved performance, ZEX™ has a Perimeter Plate package to fit your needs. Our Perimeter Plate Nitrous System (Part #82040) is a complete, bolt-on kit that is adjustable from 100 to 300 hp. For those of you who are currently using a traditional spray-bar type plate system, we offer our easy-to-install Perimeter Plate Conversion Kit (Part #82043).



QUICK REFERENCE GUIDE

A small inset image of an application chart. It is a table with columns for "Year", "Part #", and "HP Rating". The table lists various ZEX part numbers and their corresponding horsepower ratings for different years and engine types.

Year	Part #	HP Rating
2001	82021	55-75 HP
2-2005	82021	55-75 HP
01-2005	82021	55-75 HP
All	82040	100-800 HP
1993-2002	82285	75-110 HP
1996-2002	82021	55
1990-2005	82021	
2005-Current	82021	
2005-Current	82021	



- Application Chart
- Spark Plugs
- Merchandise
- Apparel



NITROUS SYSTEMS



SPARK PLUGS



PURGE KITS

Nitrous Systems

See pages 2-17

Power Tune™ Spark Plugs

See Quick Reference Guide

Power Racer™ Spark Plugs

See Quick Reference Guide

4 and 6 Cyl. Spark Plugs

See Quick Reference Guide

Purge Kits

See page 18

Vehicle	Year	Part #	HP Rating	Part #	Part #	Part #	Part #
ACURA							
Integra RS, LS, GS, & GSR	1986-2001	82021	55-75 HP	n/a	n/a	82003-4	82010
RSX	2002-2006	82021	55-75 HP	n/a	n/a	82003-4	82010
NSX	1991-2005	82021	55-75 HP	n/a	n/a	82003-6	82010
CHEVROLET AND GMC							
Holley 4bbl. Applications (Sq. Flange)	All	82040	100-300 HP	n/a	n/a	n/a	82010
Camaro (SS & Z28)	1993-2002	82235	75-175 HP	82070-8	82071-8	n/a	82010
Camaro (V6)	1996-2002	82021	55-75 HP	82070-1*	82071-1*	n/a	82010
Cavalier	1990-2005	82021	55-75 HP	n/a	n/a	n/a	82010
Cobalt SS	2005-Current	82021	55-75 HP	n/a	n/a	n/a	82010
Cobalt (Non-Supercharged)	2005-Current	82021	55-75 HP	n/a	n/a	n/a	82010
Colorado	2004-Current	82047	55-125 HP	n/a	n/a	n/a	82010
Corvette	1992-Current	82235	75-175 HP	82070-8	82071-8	n/a	82010
Impala SS (V8)	2006-Current	82235	75-175 HP	82070-8	82071-8	n/a	82010
Impala (V6)	2000-Current	82021	55-75 HP	82070-1*	82071-1*	n/a	82010
Silverado Trucks (V8)	1999-Current	82231	75-125 HP	82070-8	82071-8	n/a	82010
Silverado Trucks (V6)	1999-2006	82047	55-125 HP	82070-1*	82071-1*	n/a	82010
SSR	2003-2006	82235	75-175 HP	82070-8	82071-8	n/a	82010
Trucks (V6 and V8)	1996-1998	82047	55-125 HP	n/a	n/a	n/a	82010
TrailBlazer SS	2006-Current	82235	75-175 HP	82070-8	82071-8	n/a	82010
Diesel Trucks (Street Performance)	2001-Current	82028	35-200 HP	n/a	n/a	n/a	82010
Diesel Trucks (Pro-Street)	2001-Current	82079	50-300 HP	n/a	n/a	n/a	82010
Diesel Trucks (Race)	2001-Current	82044	100-600 HP	n/a	n/a	n/a	82010
CHRYSLER							
Holley 4bbl. Applications (Sq. Flange)	All	82040	100-300 HP	n/a	n/a	n/a	82010
Neon	2000-2002	82021	55-75 HP	n/a	n/a	n/a	82010
PT Cruiser	2001-Current	82021	55-75 HP	n/a	n/a	n/a	82010
300C (5.7L & 6.1L SRT8)	2005-Current	82177	75-125 HP	n/a	n/a	n/a	82010
DODGE							
Holley 4bbl. Applications (Sq. Flange)	All	82040	100-300 HP	n/a	n/a	n/a	82010
Charger/Magnum (5.7L & 6.1L SRT8)	2005-Current	82177	75-125 HP	n/a	n/a	n/a	82010
Neon (SRT4)	2003-2005	82021	55-75 HP	n/a	n/a	n/a	82010
Neon (Std.)	1995-2005	82021	55-75 HP	n/a	n/a	82003-4	82010
Dakota (V6 & V8 engines)	1997-Current	82047	55-125 HP	n/a	n/a	n/a	82010
Ram Trucks (5.7L Hemi)	2003-Current	82176	75-125 HP	n/a	n/a	n/a	82010
Ram Trucks (V6 and Magnum V8)	1994-2006	82047	55-125 HP	n/a	n/a	n/a	82010
Diesel Trucks (Street Performance)	1998-Current	82028	35-200 HP	n/a	n/a	n/a	82010
Diesel Trucks (Pro-Street)	1998-Current	82079	50-300 HP	n/a	n/a	n/a	82010
Diesel Trucks (Race)	1998-Current	82044	100-600 HP	n/a	n/a	n/a	82010
FORD							
Holley 4bbl. Applications (Sq. Flange)	All	82040	100-300 HP	n/a	n/a	n/a	82010
Focus	2000-Current	82021	55-75 HP	n/a	n/a	n/a	82010
Mustang (V6 & V8 Engines)	1986-95	82023	75-125 HP	n/a	n/a	n/a	82010
Mustang (V6 & V8 Engines)	1996-2004	82023	75-125 HP	see below	see below	n/a	82010
Mustang (V8 Engines)	1996-2004	82023	75-125 HP	82070-8	82071-8	n/a	82010
Mustang (V6 & V8 Engines)	2005-Current	82034	75-125 HP	n/a	n/a	n/a	82010
Trucks (V6 & V8 Engines)	1986-Current	82047	55-125 HP	see below	see below	n/a	82010
Trucks (4.6L Engines)	1997-2004	82047	55-125 HP	82070-8	82071-8	n/a	82010
Trucks (5.4L Engines)	1997-2003	82047	55-125 HP	82070-8	82071-8	n/a	82010
Diesel Trucks (Street Performance)	1997-Current	82028	35-200 HP	n/a	n/a	n/a	82010
Diesel Trucks (Pro-Street)	1997-Current	82079	50-300 HP	n/a	n/a	n/a	82010
Diesel Trucks (Race)	1997-Current	82044	100-600 HP	n/a	n/a	n/a	82010

* Single unit, must order a quantity of (6)

PRESSURE
GAUGE



TRACTION CONTROL
WINDOW SWITCH



PLUG-IN
BOTTLE HEATER

REMOTE
BOTTLE OPENER



BOTTLE
BAG



Pressure Gauge <i>See page 19</i> Part #	Traction Control Window Switch <i>See page 19</i> Part #	Plug-In Bottle Heater <i>See page 19</i> Part #	Wire-In Bottle Heater <i>See page 19</i> Part #	Remote Bottle Opener <i>See page 20</i> Part #	Safety Blowdown Kit <i>See page 20</i> Part #	Velvet Bottle Bag <i>See page 22</i> Part #
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B

QUICK REFERENCE GUIDE



NITROUS SYSTEMS



SPARK PLUGS



PURGE KITS

Nitrous Systems

See pages 2-17

Power Tune™ V8 Spark Plugs

See Quick Reference Guide

Power Racer™ V8 Spark Plugs

See Quick Reference Guide

4 and 6 Cyl. Spark Plugs

See Quick Reference Guide

Purge Kits

See page 18

Vehicle	Year	Part #	HP Rating	Part #	Part #	Part #	Part #
HONDA							
Civic	1988-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
Prelude	1988-2001	82021	55-75 HP	n/a	n/a	82003-4	82010
S2000	2000-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
Fit	2007-Current	82314	35-55 HP	n/a	n/a	82003-4	82010
HYUNDAI							
Tiburon 4 cyl.	1997-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
Tiburon 6 cyl.	1997-Current	82021	55-75 HP	n/a	n/a	82003-6	82010
JEEP							
Grand Cherokee SRT8	2006-Current	82241	75-125 HP	n/a	n/a	n/a	82010
MAZDA							
Miata	1994-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
RX7	1986-1995	82021	55-75 HP	n/a	n/a	n/a	82010
RX8	2004-Current	82021	55-75 HP	n/a	n/a	n/a	82010
MERCURY							
Marauder	2003-2004	82023	75-125 HP	82070-8	82071-8	n/a	82010
MITSUBISHI							
Eclipse 4 cyl.	1989-99	82021	55-75 HP	n/a	n/a	n/a	82010
Eclipse 6 cyl.	2000-Current	82021	55-75 HP	n/a	n/a	82003-6	82010
Lancer Evolution	2003-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
NISSAN							
350Z	2003-2006	82220	55-75 HP	n/a	n/a	n/a	82010
350Z	2007-Current	82238	75-100 HP	n/a	n/a	n/a	82010
Sentra	1991-2001	82021	55-75 HP	n/a	n/a	82003-4	82010
Sentra SE-R and SE-R Spec V	2002-Current	82021	55-75 HP	n/a	n/a	n/a	82010
PONTIAC							
Firebird	1993-2002	82235	75-175 HP	82070-8	82071-8	n/a	82010
Grand Prix	1997-Current	82021	55-75 HP	n/a	n/a	n/a	82010
Grand Am (6 Cyl. Engines)	1985-2005	82021	55-75 HP	82070-1*	82071-1*	n/a	82010
Grand Am (4 Cyl. Engines)	1985-2005	82021	55-75 HP	n/a	n/a	n/a	82010
GTO	2004-2006	82235	75-175 HP	82070-8	82071-8	n/a	82010
G8 GT	2008-Current	82235	75-175 HP	82070-8	82071-8	n/a	82010
G6 (6 Cyl. Engines)	2005-Current	82021	55-75 HP	82070-1*	82071-1*	n/a	82010
G6 (4 Cyl. Engines)	2005-Current	82021	55-75 HP	n/a	n/a	n/a	82010
G5	2007-Current	82021	55-75 HP	n/a	n/a	n/a	82010
Trans Am	1993-2002	82235	75-175 HP	82070-8	82071-8	n/a	82010
SATURN							
SL/SC	1991-2002	82021	55-75 HP	n/a	n/a	82003-4	82010
ION Red-Line	2004-2007	82021	55-75 HP	n/a	n/a	82003-4	82010
SCION							
tC	2005-Current	82321	55-75 HP	n/a	n/a	82003-4	82010
SUBARU							
WRX / Sti	2002-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
TOYOTA							
Celica	1990-2005	82021	55-75 HP	n/a	n/a	82003-4	82010
MR2	1985-2005	82021	55-75 HP	n/a	n/a	82003-4	82010
Supra	1986-1998	82021	55-75 HP	n/a	n/a	82003-6	82010
VOLKSWAGEN							
Beetle	1998-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
Golf/GTI	1993-Current	82021	55-75 HP	n/a	n/a	82003-4	82010
Jetta	1993-Current	82021	55-75 HP	n/a	n/a	82003-4	82010

* Single unit, must order a quantity of (6)

PRESSURE GAUGE



TRACTION CONTROL WINDOW SWITCH



PLUG-IN BOTTLE HEATER

REMOTE BOTTLE OPENER



BOTTLE BAG



Pressure Gauge <i>See page 19</i> Part #	Traction Control Window Switch <i>See page 19</i> Part #	Plug-In Bottle Heater <i>See page 19</i> Part #	Wire-In Bottle Heater <i>See page 19</i> Part #	Remote Bottle Opener <i>See page 20</i> Part #	Safety Blowdown Kit <i>See page 20</i> Part #	Velvet Bottle Bag <i>See page 22</i> Part #
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B
82005	82085	82045	82006	82009	82099	82000B

SPARK PLUGS

ZEX™ engineers realized early on that factory style & conventional performance spark plugs are very prone to detonation because they rely on a very hot “heat range” to keep them from fouling. The factory plugs’ high heat range and very long ground strap retain too much heat from the combustion chamber when using nitrous or under boost. This overheating causes the spark plug ground strap and center electrode to turn into a “glow plug” during just a few seconds of heavy engine load. Once the plug begins to over-heat, air and fuel in the combustion chamber tend to pre-ignite and detonate, causing engine damage. ZEX™ is the only nitrous system manufacturer with specific spark plugs manufactured for the unique requirements of nitrous and forced induction engines.



QUICK REFERENCE GUIDE

Igniter Core™ Spark Plugs

You've heard the hype about platinum and iridium, and while these materials are durable, there's a performance trade-off due to their high electrical and thermal resistance. ZEX™ Igniter Core™ Technology uses copper, surrounded by a durable nickel shell, to conduct electricity and heat over 5 times better than platinum and almost 3 times better than iridium. The result is more horsepower producing spark energy and greater detonation resistance than platinum or iridium can deliver. Another groundbreaking development is Clean Fire™ Technology. It uses the spark from three additional ground straps to super-clean the center electrode. This burns off excess carbon and ensures you get maximum ignition power and superior resistance to fouling. Two different types of plugs have been developed with optimized heat ranges for your specific modifications and power levels. For engines with bolt-on performance parts and computer tuning, up to 400 hp, our Power Tune™ Spark Plug is for you. If you have an engine with a nitrous system, blower or turbo, our Power Racer™ Spark Plug will maximize performance in engines up to 700 hp.

VEHICLE	YEAR	ENGINE	POWER TUNE™ PART #	POWER RACER™ PART #
Chevrolet				
Silverado	1996-2003	4.8, 5.0, 5.3, 5.7, 6.0, 7.4, 8.1L	82070-8	82071-8
Camaro Z28 & SS	1993-2002	5.7L	82070-8	82071-8
Corvette	1990-2003	5.7L	82070-8	82071-8
Impala SS	1994-1996	5.7L	82070-8	82071-8
Camaro (V6)	1996-2002	3.8L	82070-1*	82071-1*
Impala (V6)	2000-Current	3.4L, 3.8L	82070-1*	82071-1*
Silverado (V6)	1999-2006	4.3L	82070-1*	82071-1*
Ford				
F-150	1997-2004	4.6L	82070-8	82071-8
F-150	1997-2003	5.4L	82070-8	82071-8
Lightning	1993-1995	5.8L	82070-8	82071-8
Lightning - Supercharged	1999-2004	5.4L		82071-8
Mustang GT	1996-2004	4.6L	82070-8	82071-8
Mustang Cobra	1993-2001	4.6, 5.0L	82070-8	82071-8
Mustang Cobra - Supercharged	2003-2004	4.6L		82071-8
Mustang Mach 1	2003-2004	4.6L	82070-8	82071-8
Pontiac				
Firebird Formula & Trans Am	1993-2002	5.7L	82070-8	82071-8
Grand Am (V6)	1985-2005	3.0L, 3.1L, 3.3L, 3.4L	82070-1*	82071-1*
G6 (V6)	2005-Current	3.5L	82070-1*	82071-1*

* Single unit, must order a quantity of (6)



Enhanced illustration of triple-ground, super-range electrodes & projected nose

4 Cylinder & 6 Cylinder Nitrous and Turbo Spark Plugs

ZEX™ Hyperperformance Spark Plugs™ have an optimal heat range and ground strap designed for nitrous, turbo and supercharged engines that maximize safety and performance. Durable nickel electrodes with copper core centers stand up to extreme nitrous and boost pressures while the triple ground strap is designed for optimum combustion efficiency. These are pre-gapped for an easy, drop-in installation and are available for both 4 and 6 cylinder engines.

VEHICLE	YEAR	PART #
Acura		
CL 2.2 & 2.3	1997-1999	82003-4
CL 3.0 & 3.2	1997-2003	82003-6
Integra RS, LS, GS & GSR	1986-2001	82003-4
Legend	1991-1996	82003-6
NSX	1995-2005	82003-6
RSX	2003-2006	82003-4
Honda		
Accord 4 Cyl.	1990-2007	82003-4
Accord 6 Cyl.	1994-2007	82003-6
CRX	1984-1991	82003-4
Civic	1992-Current	82003-4
Del Sol	1993-1997	82003-4
Prelude	1988-2002	82003-4
S2000	2000-Current	82003-4
Hyundai		
Tiburon 4 Cyl.	1997-Current	82003-4
Tiburon 6 Cyl.	2002-Current	82003-6
Infiniti		
G20	1991-2002	82003-4
Lexus		
IS300	2001-2005	82003-6

VEHICLE	YEAR	PART #
Mazda		
Miata	1990-2005	82003-4
MX-6	1993-2002	82003-6
Mitsubishi		
3000 GT	1991-1999	82003-6
Eclipse 4 Cyl.	2000-2005	82003-4
Eclipse 6 Cyl.	2000-Current	82003-6
EVO	2003-Current	82003-4
Nissan		
Maxima	1985-2002	82003-6
Sentra SE, SE-R	1991-2001	82003-4
240 SX	1989-1998	82003-4
300 SX	1984-1996	82003-6
Saturn		
SL/SC	1991-2002	82003-4
Subaru		
WRX (Non-STI)	2002-2005	82003-4
Toyota		
Celica	1990-2005	82003-4
Supra Turbo	1987-1998	82003-6
MR2	1985-2005	82003-4
Volkswagen		
Golf TI	1993-2007	82003-4
Jetta	1993-Current	82003-4
Beetle	1998-Current	82003-4

Triple Fire™ Spark Plugs

You've upgraded your engine with a set of high performance cylinder heads...now what spark plugs do you use? ZEX™ has done the homework for you by engineering a line of premium spark plugs that feature several advanced technologies to maximize your ignition performance and horsepower. First, Igniter Core™ Technology uses a center electrode of pure copper surrounded by a high purity nickel shell for durability to conduct electricity and heat. Second, Clean Fire™ Technology uses the spark from all three ground straps to aid in super-cleaning the center electrode to burn off excess carbon. For any engine equipped with after-market high performance cylinder heads, there is not a more powerful spark plug available.

Visit www.zex.com to view complete application chart.



MERCHANDISE & APPAREL



“Win With ZEX™” T-Shirt

Show how you have made your car into a winning car with this Gildan Ultra Cotton Heavyweight 100% preshrunk white cotton t-shirt featuring a small ZEX™ nitrous oxide logo on the front left chest and a graffiti style outline of a nitrous bottle with the slogan “Win With ZEX” on the back. Available in sizes M-XXL.

DESCRIPTION	PART #
“Win With ZEX™” T-Shirt	Z108-Size (M-XXL)



Purple Racing T-Shirt

This best selling t-shirt from ZEX™ is a Gildan Ultra Cotton 100% purple cotton t-shirt with the slogan “Safer, Smarter, Faster” across the front and a nitrous bottle with the ZEX™ racing logo on the back. Available in sizes M-XXL.

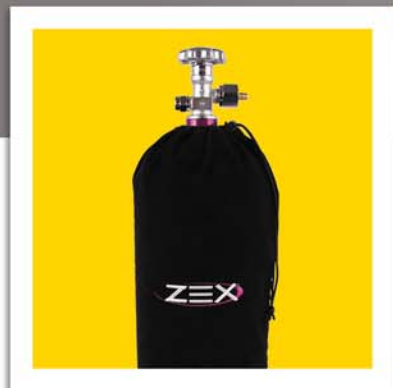
DESCRIPTION	PART #
Purple Racing T-Shirt	Z109-Size (M-XXL)



Banners & Decals

ZEX™ decals and banners dress up your shop or tool box and are made of durable vinyl to last you for years. They're the perfect addition to any racer's collection.

DESCRIPTION	PART #
Small Decal (6")	ZEX100
Contingency Decal (12")	ZEX104
Banner (3'x8')	ZEX108



Black Velvet Bottle Bag

Tired of the local speed shop scratching your nitrous bottle when it gets filled? ZEX™ has the perfect solution. The ZEX™ Black Velvet Bottle Bag is a form fitting, embroidered black velvet bag that slips over any 10 lb. nitrous bottle. The bag is thin enough to be kept on the bottle, even while it is installed in brackets. It makes the perfect finishing touch to your nitrous system installation.

DESCRIPTION	PART #
Black Velvet Bottle Bag	82000B



DRY KITS

Dry Nitrous Systems

ZEX™ Dry Nitrous Systems incorporate the patented Active Fuel Control™ which monitors the nitrous bottle pressure and adjusts fuel enrichment to achieve the perfect mixture. This ensures your engine will never run too rich or too lean when you engage the nitrous system. ZEX™ nitrous activates at wide-open throttle using an electronic switch that monitors your engine's TPS sensor. The design ensures that your nitrous is engaged at the perfect wide-open throttle position every time. The design of the ZEX™ Dry Nitrous System makes it a simple and easy, 2 hour installation.

- All major components are factory pre-assembled inside the Nitrous Management Unit
- A complete "Dry" system - everything is included for a safe, proper installation
- Designed to work safely on both stock and high performance, normally aspirated engines; ideal for many fuel injected performance vehicles

Patent #: 5,967,099
6,105,563
6,234,155



EFI DRY NITROUS SYSTEMS APPLICATION CHART

VEHICLE	YEAR	PART #		HP RATING
Acura				
Integra	1986-2000	82011	82011P	55-75 HP
Chevrolet				
Camaro	1993-1997	82018	82018P	75-125 HP
Corvette	1993-1996	82018	82018P	75-125 HP
Ford				
Mustang 5.0	1986-1998	82015	82015P	75-125 HP
Honda				
Civic	1988-2000	82011	82011P	55-75 HP
Prelude S, SI, SH, VTEC	1988-2001	82011	82011P	55-75 HP
S2000	2000-2002	82011	82011P	55-75 HP
Hyundai				
Tiburon	1997-1999	82011	82011P	55-75 HP
Mitsubishi				
Eclipse 6 Cyl.	2000-2005	82011	82011P	55-75 HP
Nissan				
Sentra SE, SE-R	1991-1998	82014	82014P	55-75 HP
Pontiac				
Firebird/Trans Am	1993-1997	82018	82018P	75-125 HP
Saturn				
SL/SC	1991-1995	82014	82014P	55-75 HP
Volkswagen				
Golf	1993-2001	82016	82016P	55 HP
Jetta	1993-2001	82016	82016P	55 HP

*P denotes Polished Bottle Kit

DIESEL

Patent #: 6,234,155



#82028

Diesel Nitrous System

The ZEX™ Diesel Nitrous System adds power with no additional tuning but really comes alive when used in tandem with other diesel engine performance components, such as power programmers and high-flow exhaust systems. By more thoroughly burning the increased volume of diesel fuel entering the engine, the ZEX™ Diesel Nitrous System boosts power, reduces exhaust gas temperatures and cools the air inlet charge for any EFI diesel engine.

- Power is adjustable from 35 to 200 additional horsepower
- Reduces turbo lag and greatly cools both inlet air temps and exhaust temps for additional power and engine safety
- Includes 10 lb. nitrous bottle, bottle brackets, nitrous solenoid, electronic throttle activation switch & all necessary plumbing and electrical connectors

DESCRIPTION	PART #
Diesel Nitrous System	82028

Pro Street Diesel Nitrous System

The Pro Street Diesel Nitrous System is engineered specifically to take advantage of the increased fuel delivery, oversized injectors, and high boost capability of today's high performance EFI diesel engines. This kit features a huge nitrous solenoid and large -4AN nozzle feed line. This high-flow hardware lets you select jets that will give from 50 to 300 additional horsepower. To properly time and control the nitrous injection, a boost pressure switch is also used in tandem with the electronic wide-open throttle switch.

- 50 to 300 horsepower nitrous shot capability
- Activated electronically at wide-open throttle using the ZEX™ patented TPS switch
- Timing of the nitrous injection is controlled by a user adjustable boost switch



#82079

DESCRIPTION	PART #
Pro Street Diesel Nitrous System	82079



#82044

Race Diesel Nitrous System

Our ultimate diesel nitrous system uses a fully adjustable boost switch to time the nitrous activation, two separate nitrous stages and twin 10 lb. cylinders. It's our top-of-the-line power producer, capable of providing 50-600 additional horsepower to any EFI diesel engine. This system will help you burn all the diesel fuel you can throw at your diesel racing engine while still keeping your exhaust temps safe.

- Capable of providing between 50-600 horsepower
- Reduced exhaust gas and air inlet temperatures for maximum power & engine safety
- Lets you add power in two separate, independently controlled stages to control tire spin

DESCRIPTION	PART #
Race Diesel Nitrous System	82044



MOTORCYCLE

Patent #: 6,234,155

EFI Sportbike Dry Nitrous System

The ZEX™ EFI Sportbike Dry Nitrous System is the most complete nitrous system you can buy for your EFI-equipped motorcycle. The ZEX™ kit incorporates an advanced electronic throttle position sensor switch that activates at wide-open throttle. In this way, the ZEX™ kit lets you easily control the nitrous “hit” to help manage the power if the front tire lifts.

- Adjustable from 30-60 additional horsepower
- Each system includes a polished 2 lb. bottle, high-flow nitrous solenoid, straight-shot nitrous nozzle, electronic TPS activation switch & stainless steel braided lines
- Fits all EFI-equipped sportbikes

#82080



DESCRIPTION	PART #
EFI Sportbike Dry Nitrous System	82080

Hayabusa Dry Nitrous System

The ZEX™ Hayabusa Dry Nitrous System is the only kit of its kind on the market today. Easy-to-install in only a few hours, this kit comes with everything you need, including a custom bracket that hides the nitrous bottle under the Hayabusa’s “hump”. This kit includes our patented electronic TPS switch that activates the nitrous only at wide-open throttle and gives you much better control of the nitrous “hit” compared to the more common horn button activation.

#82075



- Add anywhere from 30-60 additional horsepower
- Custom designed bracket hides bottle under the Hayabusa’s “hump”
- Each system includes a polished 2 lb. bottle, custom Hayabusa bottle bracket, high-flow nitrous solenoid, straight-shot nitrous nozzle, electronic TPS activation switch and stainless steel braided lines

DESCRIPTION	PART #
Hayabusa Dry Nitrous System	82075

EFI Sportbike Direct Port Nitrous System

The ZEX™ EFI Sportbike Direct Port Nitrous System is the most advanced direct port nitrous system you can buy for your EFI-equipped motorcycle. Technology like the ZEX™-patented Active Fuel Control™ enables the nitrous system to adjust enrichment fuel with bottle pressure so that you are never too rich or too lean. Additionally, unlike other nitrous kits that require you to fumble with the horn button to engage the system, our patented electronic TPS activation reliably and precisely activates at wide-open throttle for perfect nitrous control.

- Tunable from 50-200 additional horsepower
- Includes a polished 2 lb. bottle, high-flow nitrous & fuel solenoids, four nitrous nozzles, electronic TPS activation switch and stainless steel braided lines
- Fits all 4 cyl. EFI-equipped sportbikes

#82239



DESCRIPTION	PART #
EFI Sportbike Direct Port Nitrous System	82239

ACCESSORIES

Nitrous Purge Kits

- Purge nitrous lines of vapor and ensure instant nitrous power as soon as kit activates
- Available for both -4AN & -6AN nitrous systems as well as a dual outlet kit
- Dual outlet kit delivers two six-foot nitrous purge clouds in a "V" pattern
- Compatible with any manufacturer's nitrous system

DESCRIPTION	PART #
-4AN Nitrous Purge Kit	82010
-6AN Nitrous Purge Kit	82315
-4AN Dual Outlet Purge Kit	82175



LED Purge Kit

- Ensures instant nitrous power by clearing delivery lines of vapor
- Includes complete nitrous purge kit and a ZEX™ Purge-Cloud LED Kit (Purge-Cloud LED Kit available for individual purchase)
- LED light is available in red, green or blue and is powerful enough to illuminate a 15ft. nitrous cloud

DESCRIPTION	PART #
LED Purge Kit (Red)	82010R
LED Purge Kit (Green)	82010G
LED Purge Kit (Blue)	82010B

DESCRIPTION	PART #
Purge-Cloud Light Kit (Red)	82170R
Purge-Cloud Light Kit (Green)	82170G
Purge-Cloud Light Kit (Blue)	82170B

"Show" Purge Kit

- Complete kit enables you to purge a 15 ft. cloud of colored nitrous into the air
- Gives the look of a complete nitrous system without the installation hassles
- Includes the ZEX™ Purge-Cloud LED in red, green or blue

DESCRIPTION	PART #
Show Purge Kit (Red)	82270R
Show Purge Kit (Green)	82270G
Show Purge Kit (Blue)	82270B



Machine Gun Purge Kit

- Pulsed any purge kit on the market with a "machine gun" blast of noise
- Includes revolutionary Purge-Cloud LED light for strobe light effect
- Red, green and blue colors available



DESCRIPTION	PART #
Machine Gun Purge Kit (Red)	82370R
Machine Gun Purge Kit (Green)	82370G
Machine Gun Purge Kit (Blue)	82370B



Nitrous Pressure Gauge

- Allows precise monitoring of nitrous bottle pressure
- Superior quality gauge designed for accuracy and long life
- Anodized for a high-quality competition look

DESCRIPTION	PART #
Nitrous Pressure Gauge	82005

Nitrous Pressure Regulator

- Mounts inline and eliminates bottle pressure drop by controlling pressure going into the nitrous solenoid
- Fully adjustable from 500 to 1100psi
- Flow capacity in excess of 500 hp
- Includes AN fittings, pressure gauge, and complete installation & tuning guide

DESCRIPTION	PART #
Nitrous Pressure Regulator	82180



Nitrous Bottle Heaters

- Thermostatically controlled to ensure optimum bottle temperature is reached and maintained
- Velcro straps for fast and easy installation on the bottle
- Electrical components are pre-assembled and molded into heaters for ease of installation
- Plug-in version available; no wires to hook-up, simply plug into your cigarette lighter or power port

DESCRIPTION	PART #
Nitrous Bottle Heater	82006
Plug-In Nitrous Bottle Heater	82045

Traction Control Window Switch

- Allows user to select the rpm range that nitrous system can operate in, both lower and upper rpm limits
- Allows you to select gear in which nitrous starts spraying
- Fully programmable and adjustable up to 20,000 rpm
- Perfect for traction limited, street tire type vehicles where spraying too soon results in loss of traction

DESCRIPTION	PART #
Traction Control Window Switch	82085





#82108

Patent #: 6,234,155

Programmable TPS Switch

- ZEX™ patented TPS activation circuit placed in an easy-to-install, standalone unit
- Switch allows anyone with non-ZEX™ nitrous system to activate nitrous at wide-open throttle
- Fully self-programmable
- Perfect for throttle-by-wire vehicles

DESCRIPTION	PART #
Programmable TPS Switch	82108

Remote Bottle Valve Opener

- Allows you to open the valve from the driver's seat at a moment's notice
- Manufactured from anodized billet aluminum
- Modular motor assembly provides years of trouble free use
- ZEX™ design ensures that nitrous flow is not affected by its use



#82009

DESCRIPTION	PART #
Remote Bottle Valve Opener	82009

Safety Blow Down Kits

- Safely releases nitrous pressure in the event the bottle becomes over-filled or over-heated
- Required by racetracks



#82111

#82110



Internally Thread Safety Port



Externally Thread Safety Port

DESCRIPTION	PART #
Universal Kit (Fits All Valves)	82099
For Valves with Internally Threaded Safety Port	82110
For Valves with Externally Threaded Safety Port	82111
#1 Replacement Blow Off Burst Disc for Internal Thread Safety Port	82117
#2 Replacement Blow Off Burst Disc for External Thread Safety Port	82118
Gasket for #1 Blow Off Burst Disc	NS6693
Gasket for #2 Blow Off Burst Disc	82119

Fuel Flow Check Tool

- Accurately sets flowing fuel pressure on any carbureted nitrous system
- Includes lab quality, liquid filled, fuel pressure gauge; accurate to within half a percentage point
- Includes calibrated flow jets for nitrous systems jetted from 100 to over 400 hp
- Compatible with all carbureted style nitrous systems

DESCRIPTION	PART #
Fuel Flow Check Tool	82244



#82244



#82064



Add-A-Stage Nitrous Kit

- Easy-to-install kit adds a stage of nitrous to any manufacturer's single stage EFI nitrous system
- Faster than single stage systems because nitrous is added in two separately controlled stages
- Operated by a pushbutton switch for ease of control
- Jets are included for adding an extra 50-250 horsepower

DESCRIPTION	PART #
Add-A-Stage Nitrous Kit	82064

Racer's Tuning Kit

- Kit includes all the accessories needed to optimize the performance of your nitrous system
- Kit includes a purge kit, bottle pressure gauge, bottle heater, and a safety blow down kit
- As an added bonus, the kit includes a FREE t-shirt offer

DESCRIPTION	PART #
Racer's Tuning Kit	82001

#82001



#82121



Nitrous Fill Station

- Allows you to accurately and safely fill all kinds of nitrous bottles
- Has an incredibly quiet and efficient pump
- Includes high pressure lines, fittings, adapters & filters necessary to properly set-up a refill station

DESCRIPTION	PART #
Nitrous Fill Station	82121

Fuel System

- Fuel system upgrade provides the potential to boost your fuel system flow capacity up to 650 hp, even on high fuel pressure turbo, supercharged and nitrous applications
- Installed in-line, so no dropping your fuel tank
- Kit includes pump, all hoses, hose clamps, wiring, etc. necessary for a clean and easy install
- For return-style fuel systems only

DESCRIPTION	PART #
Booster Fuel Pump Kit	82020



#82020



Nitrous Bottles

- Standard nitrous bottles have a capacity of 10 lbs. of nitrous
- Race bottles have a capacity of 15 lbs. of nitrous
- All bottles come with a ZEX™ bottle valve
- All bottles have an incredible show quality shine

DESCRIPTION	PART #
10 lb. Purple Bottle	82000
10 lb. Polished Bottle	82000P
2 lb. Polished Bottle	82000PMB
10 lb. Purple Race Bottle	82323
15 lb. Purple Race Bottle	82243

Maximizer Kit

- Doubles nitrous system capacity by adding an extra nitrous bottle to vehicle
- Includes a 10 lb. nitrous bottle, padded bottle brackets, adapter fittings and high pressure braided lines; everything you need
- Never run out of nitrous when you need it the most

DESCRIPTION	PART #
Maximizer Kit (Purple Bottle)	82100
Maximizer Kit (Polished Bottle)	82100P



Bottle Accessories

ZEX™ doesn't just sell complete nitrous systems; we also sell all of the small parts you need to keep running. Items such as bottle brackets and bottle outlet fittings are available for individual purchase.



DESCRIPTION	PART #
Black Velvet Bottle Bag	82000B
Nitrous Bottle Bracket Kit	82013
2 lb. Nitrous Bottle Bracket Kit	NS6744-1
Billet Nitrous Bottle Bracket Kit	82171
326 CGA Chrome Bottle Nut	NS6583
-4AN 326 CGA Outlet Fitting	NS6502
660 CGA Outlet Gasket	NS6717
-6AN Bottle Valve Fitting	NS6702A
660 CGA to -4AN Bottle Adapter Fitting	82134



*Bottles not included



COMPONENTS

Nitrous Management Units

Dry Nitrous Management Unit

Patent #: 6,234,155

PART #
82008



Wet Nitrous Management Unit

Patent #s: 5,967,099
6,105,563
6,234,155

PART #
82007



Nozzles

Wet Nitrous Nozzle

Patent #: 7,147,173

PART #
82025



Dry Nitrous Nozzle

PART #
NS6550



Direct Port Nitrous Nozzle

Patent #: 7,147,173

PART #
82155



Nozzle Jet Holder

PART #
NS6652



Square Flange Perimeter Plate w/ Fitted Carb Gaskets

PART #
82043



Dominator Perimeter Plate w/ Fitted Carb Gaskets

PART #
82072



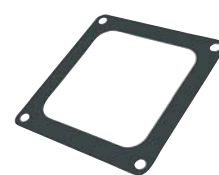
Fitted Carb Gasket for #82043 Plate

PART #
82042



Fitted Carb Gasket for #82072 Plate

PART #
82049DPG



1/8 NPT Jet Holder

PART #
NS6571



Fittings

FUEL LINE ADAPTERS

Ford Fuel Rail Adapter Kit
(1999-2004)
2 Valve Modular Engines



PART #
82236

Ford Fuel Rail Adapter Kit
(2005-Current)
3 Valve Modular Engines



PART #
82035

Charger/Magnum
Fuel Line Adapter Kit
(2005-Current)
EFI Hemi Engines



PART #
82138

Nissan 350Z
Fuel Line Adapter Kit
(2007-Current)



PART #
82309

Hemi Truck
Fuel Line Adapter



PART #
82139

BULKHEAD FITTINGS

1/16 NPT Bulkhead Fitting



PART #
NS6506

Backing Nut for 1/16
NPT Bulkhead Fitting



PART #
NS6508

1/8 NPT Bulkhead Fitting
w/ Backing Nut



PART #
NS6587

DISTRIBUTION BLOCKS

1 In 4 Out,
1/8 NPT Distribution Block



PART #
NS6703A

1 In 4 Out,
1/8 NPT Distribution Block



PART #
NS6704B

8-32 x 1/2 In. Cap Screw for
Distribution Block



PART #
NS6596



Fittings

FITTINGS

-3AN To 1/8 NPT, Straight



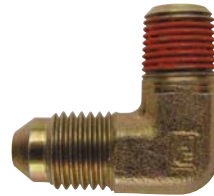
PART #
NS6570

-4AN To 1/8 NPT, Straight



PART #
NS6588

-4AN To 1/8 NPT, 90 Deg.



PART #
NS6686

-4AN To 1/16 NPT, Straight



PART #
NS6688

1/8 NPT to
1/4 NPT Reducer



PART #
NS6578

-4AN To 1/4 NPT with Filter
for Fuel and Nitrous



PART #
NS6579

3/16 Diam. Steel Purge Tube



PART #
NS6533

90 Deg., -4AN Swivel Adapter



PART #
NS6576

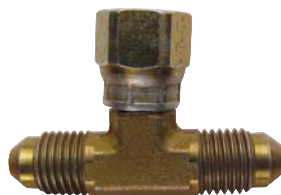
T-FITTINGS

-4AN Swivel Branch Fitting



PART #
NS6560

-4AN Swivel T Fitting



PART #
NS6599

-4AN Aluminum Inline T Fitting
with Dual 1/8 NPT Outlets



PART #
82104

.350 Hose Barb, 1/8 NPT
Outlet Fuel T



PART #
NS6685

Steel Braided Hoses

- Teflon-lined hose assemblies with stainless steel over-braid for strength & abrasion resistance
- Hose assemblies come with straight swivel ends in -3AN and -4AN sizes



-3AN FITTINGS

DESCRIPTION	PART #
2 ft., purple ends	NS6568
3 ft., purple ends	NS6670
4 ft., purple ends	NS6595
2 ft., .086 ID, red ends	NS6614A
2 ft., .106 ID, purple ends	NS6613A
7.5 in., .086 ID, purple ends, -3AN x 1/8 NPT	NS6615A
7.5 in., .040 ID, red ends, -3AN x 1/8 NPT	NS6616A
-3AN purple end, -4AN, 12 in., 1/8 NPT	NS6621

-4AN FITTINGS

DESCRIPTION	PART #
14 ft., purple ends	NS6671
16 ft., purple ends	NS6569
18 ft., purple ends	NS6669
3 ft., purple ends	NS6612
4 ft., purple ends	NS6597

Solenoids

PART #
NS6741



Race Nitrous Solenoid

- Comes w/ internal screen filter
- .156 orifice
- 1/4 NPT inlet
- 1/8 NPT bottom outlet
- 17.25 amp draw

PART #
NS6642



Pro Nitrous Solenoid

- .110 orifice
- 1/4 NPT inlet
- 1/8 outlet
- 16.7 amp draw

PART #
NS6641



Pro Fuel Solenoid

- .156 orifice
- 1/4 NPT inlet
- 1/8 outlet
- 1.8 amp draw

PART #
NS6521



Hi-Flow Purge Solenoid

- Comes with internal filter
- 1/8 NPT inlet
- 1/8 NPT outlet
- 1.8 amp draw

SOLENOID ACCESSORIES



Solenoid/WOT
Switch Bracket

PART #
82105



Heavy Duty
Solenoid Bracket

PART #
82219



10-32 Solenoid
Button Socket Screw

PART #
NS6522



Electrical Components

Remote Bottle
Valve Opener Switch



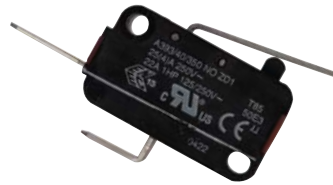
PART #
82262SW

Boost Activated Switch



PART #
82081

Wide-Open Throttle Micro Switch



PART #
NS6645

Aircraft Switch & Cover



PART #
82002

Switch Cover



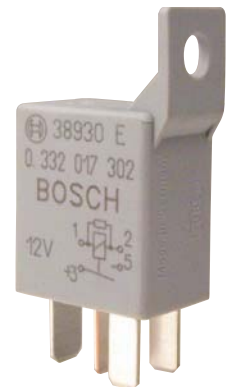
PART #
NS6545

Nitrous Push Button



PART #
NS6534

Mini Relay



PART #
NS6552

Tools

1/16 NPT-27 Tap



PART #
NS6584

1/8 NPT-27 Tap



PART #
NS6684

Nitrous/Fuel Jets



- Precision-machined jets are used for adjusting both nitrous and fuel flow
- Special internal taper minimizes turbulence resulting in very consistent flow and power
- Packaged individually for ease of ordering

PART #	DIAMETER
NS6501I	.014
NS6501J	.016
NS6500M	.017
NS6500N	.019
NS65000	.021
NS6501H	.024
NS6501K	.025
NS6500P	.026
NS6501G	.028
NS6500Q	.030
NS6500A	.032
NS6501F	.033
NS6500B	.034
NS6500C	.035
NS6500D	.036
NS6500E	.038
NS6500F	.040
NS6500G	.043
NS6500H	.046
NS6500I	.052
NS6500S	.053
NS6500R	.054
NS6501E	.056
NS6501D	.057
NS6500T	.062
NS6500U	.064
NS6501C	.067
NS6500V	.072
NS6500J	.073
NS6500W	.074
NS6501B	.076
NS6500K	.078
NS6500L	.082
NS6500X	.083
NS6500Y	.088
NS6501A	.105
NS6500Z	.125

NITROUS HORSEPOWER JET CHART

EFI WET SYSTEM	4 CYL.		6 CYL.		8 CYL.	
	FUEL	N2O	FUEL	N2O	FUEL	N2O
55 HP	17	32	17	32	19	32
65 HP	16	36	19	36	21	36
75 HP	21	40	21	40	26	40
100 HP	26	46	26	46	30	46
125 HP	30	54	30	54	34	54
150 HP	38	67	38	67	38	67
175 HP	43	83	43	83	43	83

Note#1: Fuel pump upgrade required. Use ZEX® Booster Fuel Pump Kit #82020 for return style fuel system.

MASTER JET PACK

#82199



- Master Jet Pack includes two nitrous/fuel jets of each size offered by ZEX™
- 74 individual jets, 37 unique sizes from .125 down to .014
- Comes in two durable, hard plastic storage cases with labels and is subdivided into individual compartments

DESCRIPTION	PART #
Master Jet Pack	82199



FREQUENTLY ASKED QUESTIONS

Q: How does nitrous work?

A: Nitrous oxide is a gas that contains two parts nitrogen and one part oxygen. When the combustion process heats this gas, the oxygen is released. This extra oxygen then supports the combustion of the enrichment fuel the nitrous system adds when it is engaged. The additional fuel that is burned creates greater cylinder pressure, which makes the extra horsepower you feel.

Q: How much will a nitrous system improve my performance?

A: One to two second improvements in quarter mile times are typical. Traction limitations greatly affect the improvement seen.

Q: What is the difference between a “wet” nitrous kit and “dry” nitrous kit?

A: A wet nitrous kit mixes nitrous and enrichment fuel by means of an injector nozzle that is mounted before the throttle body. This mixture is then drawn into the engine through the throttle body and intake manifold. A “dry” nitrous kit injects only nitrous with its injector while at the same time it increases the engine’s fuel rail pressure to feed enrichment fuel through the engine’s own injectors.

Q: Will nitrous affect engine reliability?

A: As long as the nitrous system is installed per the instructions and the set-up procedures are followed, there is usually not any increase in engine wear.

Q: How long does a bottle last?

A: It depends on the bottle capacity and the size of the nitrous shot being used. On the 75 hp setting, a 10 lb. bottle will last around 10 quarter mile runs. On the 125 hp setting the bottle will last around 6 runs.



Q: What type of fuel is recommended when I use my nitrous system?

A: For 4-6 cylinder engines, premium pump gas is required for safe use of your nitrous system when jetted up to 75 hp. Above 75 hp, racing fuel is recommended for maximum engine safety. For 8 cylinder engines, premium pump gas is adequate for nitrous system settings up to 125 hp. Above 125 hp racing fuel is recommended.

Q: What is the optimum bottle pressure to run my nitrous system at?

A: The optimum nitrous bottle pressure is 900-1000psi. ZEX™ offers a bottle pressure gauge (Part #82005) that makes it easy to monitor this.

Q: Do I have to change my spark plugs after installing the nitrous system?

A: YES, due to the increase in horsepower the nitrous system creates, the quantity of heat generated in the combustion chamber goes up. It is required that you install spark plugs that have at least a two step colder heat range. This helps to ensure detonation free performance when using the nitrous system. ZEX™ has nitrous specific spark plugs available for many makes and models of vehicles.

Q: What is the safest way to activate a nitrous system?

A: The safest way to activate a nitrous system is by using a wide-open throttle switch. All ZEX™ nitrous systems utilize this type of activation. Activating a nitrous system at anything less than wide-open throttle can greatly increase your chances for an intake system backfire. If you desire to use a push button (Part #NS6534) for activation, ZEX™ offers this as an accessory item. You can simply install the push button inline with the wide-open throttle switch.

Q: What is the minimum rpm I need before activating my nitrous system?

A: We recommend at least 2500 rpm as a minimum for nitrous system activation. This ensures you won’t have excessive pressures that cause engine damage.

LIMITED WARRANTY

ZEX™ warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of 12 months from date of purchase. This limited warranty shall cover only the original purchaser.

Please visit www.zex.com or call us at 1-888-817-1008 for complete warranty and merchandise return policy.



ZEX™ - SAFER, SMARTER, FASTER

Forget what you think you know about nitrous, ZEX™ has rewritten all the rules for nitrous performance, safety and convenience. Our innovative designs and direct fit kits provide quick installations and optimized performance. Nitrous has never packed a greater punch or been more user-friendly. If you've never felt the adrenaline rush from a nitrous-equipped car, you haven't truly lived. Nothing even comes close to the acceleration and performance delivered by ZEX™ nitrous systems - there's not a more cost effective performance upgrade in existence, and with nitrous accessories as well as kits, ZEX™ is sure to have everything you need.



AVAILABLE AT:

WWW.ZEX.COM



3418 DEMOCRAT RD • MEMPHIS, TN 38118
NITROUS HELP™ 1.888.817.1008



ZEX101-2008

©COPYRIGHT 2008 BY COMP PERFORMANCE GROUP™