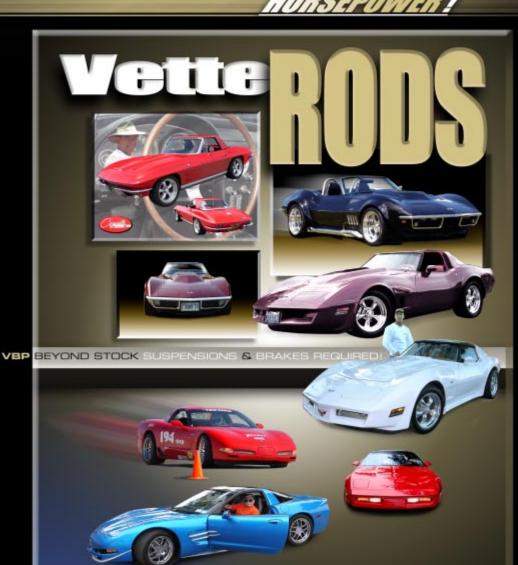


Vette Brakes & Products, Inc. sass We know how to handle your passion for

HORSEPOWER !





### BEYOND STOCK BRAKES AND

SUSPENSION SYSTEMS	SUSPENSION SYSTEMS
BRAKE KITS, COMPONENTS & PARTS29-39 Featuring: (Unique & Patented VBP Brand Products)  ** Powder Coated Calipers/Products (4 colors)  ** VBP Stainless Steel Sleeved Self Aligning O-Ring Sealed Brake Calipers  ** O-Ring Sealed Brake Rebuild Kits  ** Generation Conversion Upgrade Kits  ** Thermal Cycled Rotors	BRAKE KITS, COMPONENTS & PARTS29-39 Featuring: (Unique & Patented VBP Brand Products)  **Peaturing: (Unique & Patented VBP Brand Products)  **VBP Stainless Steel Sleeved Self Aligning O-Ring Sealed Brake Calipers  **O-Ring Sealed Brake Rebuild Kits  **Generation Conversion Upgrade Kits  **Thermal Cycled Rotors
POWER STEERING KITS & COMPONENTS27-28	POWER STEERING KITS & COMPONENTS27-28
Performance Align Chart Tips & Troubleshooting  Vintage	HANDLING & ALIGNMENT43-45  • Performance Align Chart  • Tips & Troubleshooting  Vintage

#### SUSPENSIONS TO HANDLE YOUR UNIQUE PASSION FOR HORSEPOWER.

SUSPENSION SYSTEMS..... SUSPENSION & CHASSIS COMPONENTS 12-13, 15-21, 25-26 Featuring: (Unique & Patented VBP Brand Products) Composite Monosprings Spring Mounting Components • Front-End Rebuild Kits Polyurethane Conversion Kits Tie Rod Sleeves & Ends Offset Polyurethane Control Arm Bushing Kit Anti-sway Bars & Poly Mount Bushing Kits Camber Brace Smart Struts® Polyurethane Strut Rod Bushing Kit Camber Strut Rods, Trailing Arms & Toe Rods Shocks & Struts • Wheel Adapters (Pg. 41) BRAKE KITS, COMPONENTS & PARTS......33,35-40 Featuring: (Unique VBP Brand Products) Powder Coated Calipers/Products (4 colors) Sport Rotor Upgrade Kits Upgrade to C-5 Brakes Kit Heavy Duty Brake Calipers Brake Pads Thermal Cycled Rotors Brake Parts Brake Fluids HANDLING & ALIGNMENT......43-45 Performance Alignment Chart Tips & Troubleshooting

#### SUSPENSION SYSTEMS.....10

SUSPENSION & CHASSIS COMPONENTS 12-13, 15, 17-18, 26

Featuring: (Unique & Patented VBP Brand Products)

- Composite Monosprings
- Spring Mounting ComponentsPolyurethane Control Arm Bushing Kit
- Anti-sway Bars & Poly Mount Bushing Kits
- Anti-sway Bar Spherical End Link Kit
- Motor & Transaxle Mounts
- Shocks & Struts

BRAKE KITS, COMPONENTS & PARTS......33, 35-38, 40 Featuring: (Unique VBP Brand Products)

Powder Coated Calipers/Products (4 colors)

- Sport Rotor Upgrade Kits
- Heavy Duty Brake Calipers
- Brake Pads
- Xtreme 2 Piece Front Sport Rotor Upgrade

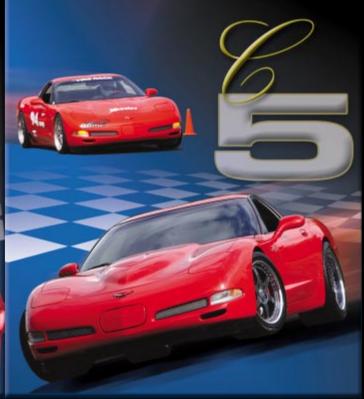
Thermal Cycled Rotors

- Stainless Steel Braided Brake Hoses
- Brake Fluids

HANDLING & ALIGNMENT......43-45

- Performance Alignment Chart
- Tips & Troubleshooting







VBP SUSPENSION SYSTEMS

BEYOND STOCK, "BOLT-ON" FRIENDLY.

UR 14 performance suspension systems, plus all our component products, simply "BOLT-ON". Replacing old rough-riding stock suspensions with our newest state-of-the-art ride and performance systems have been the Shadetree mechanics weekend of fun

since 1977. That's the year we first opened our doors with advanced suspension and life-time brake technology. Since then, we've made a HUGE difference in the ride and driveability of all Corvette generations... with popular choices for every driving style.

The creation of our revolutionary Composite Monospring technology was the heart of our engineering theory. Our GOAL?... Formulate and build suspension systems to please a variety of driving styles, ranging from smooth Sunday driving to checkered flag performance. Like us, Corvette enthusiasts wanted enhanced ride and handling performance to fit the sport look of their Vette. As the word spread, the Corvette community without warning started showing up at our door. That's when we knew our ideas were HOT!

Success! VBP's remarkable ride comfort and handling concepts hit it BIG! Checkered flag sales followed. VBP - Vette Brakes and Products grew and today continues to be the talk of the Corvette community. Here's what we hear... •"I really enjoy my new ride and refined feel". •"Your Performance Plus System, I personally installed on my 1963 convertible, cruises like a dream on back country roads. The 16 point adjustable system, is truly amazing! With ease I can adjust spring rate and wedge set-ups for checkered flag competitions". •"My 1969 show car now rides as good as it looks! Installing your <u>Hi-Performance System</u> now allows me to drive to show events with (8) cruise/sport ride options. Cool"!!!

Hundreds of testimonials pour in every year, from checkered flag stories too sincere THANKS for a ride well done. Our customers share a common feeling... They've invested in a unique driving experience... Worth its weight in GOLD.

ADD A TOUCH OF GOLD TO THE WAY YOU DRIVE... ... VBP PRODUCTS, THEY SIMPLY "BOLT-ON".

NOTE: (1) Minor modifications are required on a few suspension systems to maximize ride and handling. (2) Customer requests to change components in our suspension systems are not advised. Other components will affect performance, warranty and increase product/ handling cost. (3) We cannot change components of some suspension systems.









#### NED TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.







# ADJUST SPRING RATE - LOWER CAR.

1963-82 ADJUSTABLE (16) POINT SUSPENSION SYSTEM Formulated with VBP Patented Components and Assemblies.

This HOT second choice Hi-Performance package contains all the BENEFITS

and most of the major features of our Top of the Line "Performance PLUS" System. You'll get the greatest possible handling improvement for the money. VBP's 16 point adjustable front and rear spring systems let you adjust spring rates and wedge corner weight set-ups in increments. Our Smart Strut® system relocates strut rods for maximum rear camber control. Bilstein® sport gas shocks and the selected front anti-sway bar vastly improve control and stability.



- ◆ VBP's Unique Design offers (8) front and (8) rear spring rate position set-ups. Within minutes adjust handling performance from COMFORTABLE to MULTIPLE SPORT competitive settings for a weekend of trophy winning FUN!!!
- ♦ VBP's beyond stock components are <u>Pounds</u> lighter than stock: •(2) Composite Monosprings • Upper and Lower Mig welded A-Arms • Rear Swaybar eliminated - not needed.
- Our (4) adjustable spring bolts lower ride height a whopping (2) inches.
- Built heavy duty to withstand off road competitions.

◆ Major components are pre-assembled as pictured for

"BOLT-ON" friendly installation.

#### **Features:**

- Patented (8) Point Adjustable **Dual-Mount Transverse Front** Monospring System with Heavy-Duty Offset Upper A-Arms.
- (8) Point Adjustable Dual-Mount Rear Monospring system.
- 1.125" Front Anti-Sway Bar Kit.
- Bilstein® Sport Gas Shocks.
- Adjustable Smart Struts® Assembly.

42003 1963-79 \$1,499.95 42004 1980-82 \$1,699.95















#### NED TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### ADVANCED STREET/AUTOCROSS

1963-82 STREET & SLALOM SYSTEM

This system is designed for aggressive driving and it is a step above the famous factory F-41 option. Our Composite Monospring rides and reacts better than a stock steel spring, Bilstein® sport gas shocks dampen better and adjustable Smart Struts® lock down the rear alignment.

**FEATURES:** • 360-lb Composite Monospring

- •550-lb/in powder coated coils •1.125" front anti-sway bar kit •.750" rear anti-sway bar kit
- Bilstein® sport gas shocks
   Poly-adjustable Smart Struts®
- Monospring hardware kit.

42002 1963-77 \$1,049.95 42002A 1978-79 \$1,049.95 42002B 1980-82 \$1,049.95

Add our adjustable Smart Struts® Bracket and Cams for only \$100 \_\_\_\_\_



#### **GRAND TOURING PLUS**

1963-82 ADVANCED TOURING SYSTEM

This new kit is designed for the High Performance Street Driver. A great sport ride that offers remarkable handling characteristics.

**FEATURES:** •VBP's 330 lb/in Composite Monospring •460 lb/in powder coated coils •1.125" front anti-sway bar kit •.750" rear anti-sway bar kit •Bilstein® sport gas shocks •Poly-adjustable Strut Rods •Monospring hardware kit.

42001M 1963-77 \$949.95 42001N 1978-79 \$949.95 42001O 1980-82 \$949.95

Add our adjustable Smart Struts® Bracket and Cams for only \$100



#### **GRAND TOURING**

1963-82 GRAND TOURING SYSTEM

This is a specially designed package, formulated to improve ride and handling with minimal expense. Balanced anti-sway bars assure flat, neutral steering. New springs restore ride height and <u>lifetime KYB</u> gas shocks give you smoother ride and handling stability.

**FEATURES:** •1.125" front anti-sway bar kit •.750" rear anti-sway bar kit •.460 lb/in powder coated coils •KYB® GR-2 shocks • 9-leaf steel spring •leaf spring hardware kit.

42001 1963-77 \$549.95 42001A 1978-79 \$549.95 42001B 1980-82 \$549.95

Upgrade with VBP's Composite Monospring kit for only \$150











#### TRANSVERSE COMPOSITE MONOSP

1963-82 FRONT TRANSVERSE COMPOSITE MONOSPRING SYSTEM

Bring 2000's suspension technology to your early model 1963-82 Corvette. Affordably priced, this complete system replaces outdated coil springs and heavy factory A-arms with lightweight lower A-arms and a specially designed transversely mounted Composite Monospring. This fully adjustable system is ideal for all driving applications... daily driver, autocross or oval track!

**FEATURES:** • Greatly enhanced ride and handling • Reduces unsprung weight •MIG welded light weight A-arms •Zinc primed and powder coated •Adjustable spring rate •Adjustable ride height •Eliminates heavy coil springs • Installed ball joints • Easy bolt-on installation • Limited Lifetime Warranty!

NOTE: '63 to '67 minor bumper bracket modification required.

42030 1963-82 \$749.95

1963-82 FRONT COMPOSITE MONOSPRING CONVERSION SYSTEM

Update your early model 1963-82 Corvette to 2000's suspension technology with minimal cost and effort. Our unique system replaces outdated coil springs with a specially designed transversely mounted Composite Monospring system. This patented system is fully adjustable, allowing you to alter ride height and spring rate in minutes!

**FEATURES:** • Enhances ride and handling • Reduced unsprung weight • Adjustable spring rate • Adjustable ride height • Eliminates coil springs •Limited Lifetime Warranty! This is a very easy bolt-on installation.

42120 1963-82 \$499.95

1963-79 REAR DUAL-MOUNT COMPOSITE MONOSPRING SYSTEM

The only rear Corvette spring that can be adjusted for the street or the track in minutes! Independently raise or lower rear wheel ride heights and spring rates. Raise one side and lower the other for oval track or alter spring rates depending on left or right hand turns at autocross events! Now you can 'dial-in' the handling and ride you want.

**FEATURES:** • Improves ride and handling • Reduces unsprung weight • Adjustable 2" ride height • Adjustable spring rate • 5 year limited warranty. Note: Minor modification of rear crossmember required.

42600 1963-79 \$459.95

1980-82 REAR DUAL-MOUNT COMPOSITE MONOSPRING SYSTEM

Now you can 'dial-in' the handling and ride you want. This unique system allows independent rear wheel adjustment of ride height and spring rate.

**FEATURES:** • Simply bolts on • Composite Monospring • T-6061 Aircraft grade aluminum mounting bracket • Grade-8 (aircraft grade) hardware •Graphite impregnated polyurethane bushings. •Improved ride and handling • Reduced unsprung weight • Adjustable 2" ride height • Adjustable spring rate •5 year limited warranty.

42602 1980-82 \$629.95

42601 1984-96 \$619.95 (must specify Dana 36 or Dana 44 Housing.)

**Tip:** If you're running wider rims and tires that cause you to eliminate the anti-sway bar, use either of our Dual Mount System to prevent rear side roll.









#### NED TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### COMPLETE KIT INCLUDES EVERYTHING YOU NEED

Composite Monospring, Adjustable spring bolt kit featuring 8" long spring bolts with washers, Choice of Poly or Rubber cushions, One Mounting plate kit and Installation instructions.

31300 31330 31360 31420	1963-82	330-lb 360-lb	Spring Spring Spring Spring	Onlý Only			\$289.95	
42303 42300	1963-77	300-lb 300-lb	Spring/ Spring/	Poly/M Rubber	ount. Ki /Mount.	t Kit	\$329.95	3
42304 42301	1978-79	300-lb	Spring/ Spring/	Poly/M Rubber,	ount. Ki /Mount.	t Kit	\$329.95	0
42305 42302	1980-82	300-lb 300-lb	Spring/ Spring/	Poly/M Rubber	ount. Ki /Mount.	t Kit	\$329.95	0
42333 42330	1963-77	330-lb 330-lb	Spring/ Spring/	Poly/M Rubber	ount. Kit /Mount.	t Kit	\$329.95	3
42334 42331	1978-79	330-lb 330-lb	Spring/ Spring/	Poly/M Rubber	ount. Kit /Mount.	t Kit	\$329.95	3
42335 42332	1980-82	330-lb 330-lb	Spring/ Spring/	Poly/M Rubber	ount. Ki /Mount.	t Kit	\$329.95	0
42363 42360	1963-77	360-lb 360-lb	Spring/ Spring/	Poly/M Rubber	ount. Kit /Mount.	t Kit	\$329.95	3
42364 42361	1978-79	360-lb 360-lb	Spring/ Spring/	Poly/M Rubber,	ount. Kit /Mount.	t Kit	\$329.95	6
42365 42362	1980-82	360-lb 360-lb	Spring/ Spring/	Poly/M Rubber	ount. Kit /Mount.	t Kit	\$329.95	0
42420 42423	1963-77	420-lb 420-lb	Spring/ Spring/	Rubber Poly/M	/Mount. ount. Ki	Kit t	\$329.95	4
42424 42421	1978-79	420-lb 420-lb	Spring/ Spring/	Poly/M Rubber,	ount. Kit /Mount.	t Kit	\$329.95	2
42425 42422	1980-82	420-lb 420-lb	Spring/ Spring/	Poly/M Rubber	ount. Ki /Mount.	t Kit	\$329.95	0



For street/slalom - equivalent to F-41 or Gymkhana

For racing - equivalent to Daytona suspension systems.

7 Leaf - 292 lbs./in.

31240 5 Leaf - 396 lbs./in.

cup washers

#### VBP's GRAND TOURING/SLALOM COIL SPRINGS

1963-82 HI-PERFORMANCE POWDER COATED COIL SPRINGS

Priced less than stock coils, VBP's HI-PERFORMANCE coil springs upgrade is made from HIGH GRADE American steel. They are shorter than stock coils, built with larger diameter rods and wound with fewer turns. This produces a greater spring rate, maintains factory ride height without sagging and offers a remarkable service life.

#### GT - Grand Touring Coil Springs

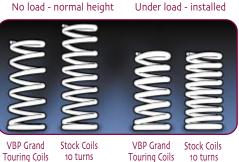
The best all-around coil spring on the market and the ideal compromise between stock (293-lb/in) and the optional F-41 (550-lb/in) performance spring. Our GT coil springs will out handle stock coils, offer a better ride than the F-41 springs and performs well on either small or big block Vettes.

31231 1963-82 460-lb

SS - Street & Slalom - VBP's Maximum Duty Coils For Maximum handling control, equal to F-41 or Gymkhana performance, choose VBP's SS coil springs. They'll lower your front about 1".

31232 1963-82 550-lb

\$79.95 pr.



7 turns

**Coil Spring** 

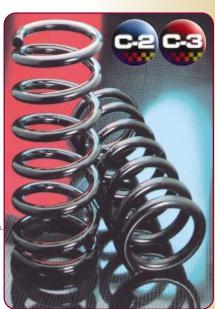
7 turns

31239

F2101



**Spacers** Custom made hard rubber spacers fit in lower control arm spring pocket to increase ride height approximately 1".



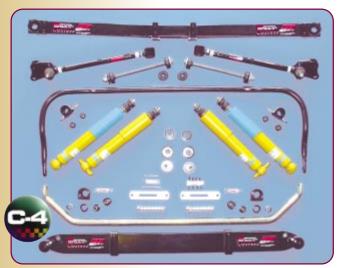
\$124.95

\$139.95

\$4.95



#### SUSPENSION SYSTEMS DESIG







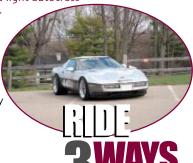
#### XTREME TOURING SYSTEM

This kit is designed for the Xtreme C-4 driver. This suspension system was tested and perfected with the help of multi-time National SCCA Champions Danny Popp and Guy Ankey. The kit includes a special front spring that is ride height and corner weight adjustable. Off-set lower control arm bushings are designed to increase camber adjustment. Xtreme Bilstein® gas shocks increase handling capabilities which reduce off-throttle oversteer. This complete kit will give you the same components that have brought the Pro's to the Victory Circle.

**Tip:** In high performance street and light autocross applications use "sport" rear shocks.

- •Xtreme Front Spring
- •Xtreme Rear Spring
- •30mm Front Sway Bar
- •22mm Rear Sway Bar
- Set Polyurethane Bushing Kit
- Bilstein® Xtreme Gas Shocks
  Adiustable Smart Struts® Assembly
- Set Front Off-set Lower Control Arm Bushing Kit

42940 1988-96 \$1,995.95



#### **SPORT SYSTEM**

This system is designed for the sport or advanced street C-4 driver. Our Sport Suspension System greatly increases responsiveness and maintains optimum tire geometry without compromising ride.

**FEATURES:** • Front sport spring kit • Rear sport spring kit • Adjustable Smart Struts® • Bilstein® sport gas shocks • 32mm front anti-sway bar kit and • 84550/51 Poly conversion kits.

428401985-87\$1,299.95428411988\$1,349.95428421989-96\$1,299.95

#### FRONT/REAR COMPOSITE MONOSPRINGS

31332		C-4 Replacement Front	\$379.95
31332 <b>5</b>		C-4 Sport Front	\$379.95
31302	1988-96	C-4 Replacement Front	\$379.95
31302 <b>5</b>		C-4 Sport Front	\$379.95
88300		C-4 Xtreme Front (w/Adjustable Ride Height)	\$539.95
31301 313015	, , ,	C-4 Replacement Rear	\$299.95 \$200.05

#### **DUAL-MOUNT COMPOSITE MONOSPRING**

1980-82 REAR DUAL-MOUNT COMPOSITE MONOSPRING SYSTEM

Now you can 'dial-in' the handling and ride you want. This unique system allows independent rear wheel adjustment of ride height and spring rate.

**FEATURES:** • Simply bolts on • Composite Monospring • 6061-T6 Aircraft grade aluminum mounting bracket • Grade-8 (aircraft grade) hardware • Graphite impregnated polyurethane bushings. • Improved ride and handling • Reduced unsprung weight • Adjustable 2" ride height • Adjustable spring rate • 5 year limited warranty.

42602 1980-82 \$629.95

42601 1984-96 \$619.95 (must specify Dana 36 or Dana 44 Housing.)

**Tip:** If you're running wider rims and tires that cause you to eliminate the anti-sway bar, use either of our Dual Mount Systems to prevent rear side roll.











NED TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

# BIDE POPULAR MONOSPRING FOR C-5 LANGE SPORT STOCK

# XTREME TOURING SYSTEM

This system was designed and built by VBP for the top Corvette showroom stock race series customers. The targeted spring rates have been tested on the track and manufactured for the advanced street or racing customer. VBP uses only graphite impregnated polyurethane bushings in this C-5 conversion kit. Our VBP designed Toe & Tie Rod Ends that are included, eliminate alignment change during hard cornering, especially WHEN EXPOSED TO EXTREME BRAKE HEAT. Bilstein® Sport Shocks are ideal for Xtreme duty track or road conditions. Our Xtreme End-link kit increases the effectiveness of your selected sway-bars. NOTE:Sway bars sold separately to match individual driving style.

- Xtreme Front Monospring
- •Xtreme Rear Monospring
- Bilstein® Sport Shocks
- Front Heavy-Duty Tie Rod Ends
- Rear Heavy-Duty Toe Rod Ends
- Sets of Adjustable Sway Bar End Links
- Polyurethane Control Arm Bushing Kit
- •8" Spring Bolts w/Poly Cushions

97120 1997-04 w/Bilstein® Shocks as shown \$1,995.95 97110 1997-04 w/Koni Shocks (while they last) \$2,395.95

#### **SPORT SYSTEM**

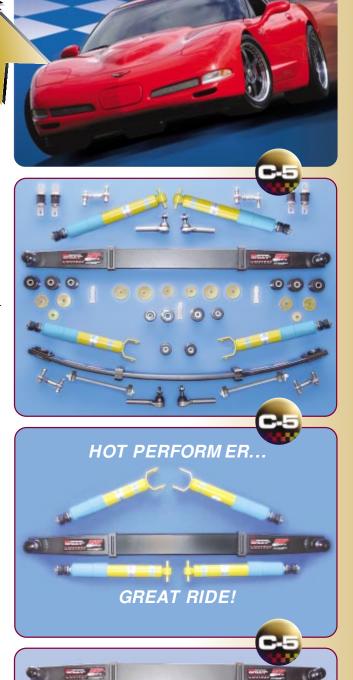
This suspension kit has a European feel and was designed for aggressive driving. It rates one step above the FE-1, but not as harsh as the optional Z-51. This package provides you with ideal firm cornering and braking control.

- Sport Front Spring
- Bilstein® Sport Gas Shocks

97100 1997-04 \$849.95

#### FRONT/REAR COMPOSITE MONOSPRINGS

97300	1997-04 C-5 Replacement Front	\$539.95
97310	1997-04 C-5 Sport Front	\$539.95
97320	1997-04 C-5 Xtreme Front	\$539.95
97340	1997-04 C-5 Replacement Rear	\$539.95
97342	1997-04 C-5 Sport Rear	\$539.95
97344	1997-04 C-5 Xtreme Rear	\$539.95





#### **Camaro Rear Composite Monosprings**

Improves ride, handling and restores ride height. Our composite materials are stronger, lighter, rust/corrosion free, will not de-arch and reacts faster than steel leaf springs. They virtually eliminate wheel hop and the need for traction or ladder bars - (specify if these devices are used). Springs include: Polyurethane bushings, Mounting pads, All hardware and Instructions. Easily bolts on. Use with Cal-Tracs...\* Requires mounting modifications. Call for details.

1967-69 Camaro\* 200 lb/in 31243 31237

1970-81 Camaro 200 lb/in \$499.95 pair

#### **Rear Steel Spring Replacements**

High quality, heavy duty 5 leaf replacement. Note: Spring Center Mount Pads and Bushings sold separately-5 leaf spring will not interchange with Monospring. 31241 1967-81 125 lbs./in. \$219.95 pair

#### **Anti-Sway Bars**

(SEE PAGE 17 FOR PRICE, PART NUMBER AND MORE INFORMATION)

#### **Poly Stabilizer Bar Mounting Bushing Kits**

(SEE PAGE 17 FOR PRICE, PART NUMBER AND MORE INFORMATION)

#### **End Link Bushings**

31121 Front Set of 8 Poly 31068 Rear Set of 4 OEM Rubber (fits factory rear sway bar only) \$12.95

#### **Rear Bar Mounting Struts**

Add a rear stabilizer bar to a Camaro not equipped with one. Bolt struts to existing holes or drill new holes into body. Includes: 2 heavyduty steel struts, 4 polyurethane bushings, 2 mounting brackets, bolts, nuts and washers.

42036 1970-81 \$124.95

All our hardware kits have a limited lifetime warranty.

#### KYB GR-2" Shocks & Struts KYB Gas-A-Just® Shocks & Struts **Bilstein Shocks**



(SEE PAGE 25-26 FOR PRICE, PART NUMBER AND MORE INFORMATION)





#### **Remanufactured Stainless Steel Calipers** (Not Pictured)

For Camaros, Firebirds and other GM Vehicles

Fully assembled. Limited lifetime warranty. Customer must retain pads, Pins, inlet fitting adapters, etc. from their original calipers. Rebuildable cores required in advance.

12144	1-7/8 R/F 4-piston	\$99.95
12145	1-7/8 L/F 4-piston	\$99.95
12161	2-1/16 R/F 4-piston	\$149.95
12162	2-1/16 L/F 4-piston	\$149.95

#### **Hawk Brake Pads** From Street to Xtreme! (Not Pictured)

#### **OEM Organic All Purpose Street Pad Kits**

**Semi-Metallic Severe Duty Pads** 

#### Hawk Brake® Ferro-Carbon Pads

**HP PLUS** - High Performance - Race worthy

**BLUE9012** - Recommended for Road Racing and Rally

(SEE PAGE 34 FOR PRICE, PART NUMBER AND MORE INFORMATION)

#### **Sport Rotors - Front**

Sport Rotors have the same features as our newest ThermoDuric Rotors, except they are one piece and weigh 2.66 lbs more.

13744 <mark>5</mark>	1970-78	\$119.95
13745 <mark>5</mark>	1979-81	\$119.95

#### Sport Aluminum Hub with Rotor Assemblies - Front

Hubs are precision machined from 6061 aircraft aluminum, then matched to Sport Rotors and assembled with #10 racing wheel studs.

13754 <mark>5</mark>	1970-78 (7/16" studs)	\$299.95
13755 <mark>\$</mark>	1979-81 (7/16" studs)	\$299.95
137595	1970-81 (Rplc. Rotor Rim)	\$189.95

#### **Aluminum Hub with Rotor Assemblies - Front**

Precision machined from 6061 aircraft aluminum, these hubs are matched to heavy duty vented rotors and assembled with #10 racing wheel studs.

13754	1970-78 (7/16" studs)	\$249.95
13755	1979-81 (7/16" studs)	\$249.95
13759	1970-81 (Rplc. Rotor)	\$89.95

#### Renlacement Rotors - Front (Not pictured)

13742	1967-69 (Single piston calipers only)	\$159.95
13744	1970-78	\$69.95
13745	1979-81	\$69.95
88120	1995-96	\$154.95

#### **Replacement Rotors - Rear** (Not pictured)

88110 1993-95 (rear)











# VBP COMPOSITE MONOSPRINGS OPTIMUM RIDE AND PERFORMANCE SPECIALLY FORMULATED FOR EVERY CORVETTE GENERATION AND DRIVING STYLE!



BP's Composite Monosprings have become the performance spring of choice since their creation in 1983. They are the most popular ride and performance spring replacement for old rough riding, noisy multi-leaf steel stock springs that offer only average performance at best. For over two decades, VBP's unique chemistry, finest materials and superior manufacturing techniques in composite technology are state-of-the-art and second to none. VBP's Composite Monosprings are relied on by the most demanding Corvette race teams in the world and have proven time and again to be <u>VBP TOUGH!</u> The drivers that win the most in the Corvette competitions, win with VBP Composite Monosprings.

Whether you're commuting, touring or challenging extreme G- forces in competition, you'll be amazed and very pleased with VBP's COMPOSITE MONOSPRING performance advantage. The VBP composite monospring is only one leaf, composed of elastic unidirectional fibers, heat and compressed-bonded together with VBP's special epoxy matrix. This spring design improves ride and handling by incredible margins. You'll feel the fastest "friction-free" rebound and compression reaction time possible. Spring weight – only about 6 pounds. Wow! Road noise and vibration energies – naturally absorbed by the spring and nourishes its unique performance characteristics. Spring rate, ride and performance will not change with age. Service life is incredibly longer. Last but not least, each spring is flex tested to 150% of its designed spring rate and comes with a limited five year warranty. At VBP your complete satisfaction is guaranteed.

The old stock factory multi-leaf steel spring on the other hand, weighs about 43 pounds, is composed of (7 to 9) leafs of rolled steel bands bundled, each leaf separated by plastic inserts. These inserts are necessary to minimize inter-leaf friction. Road vibration and road noise transfers from spring to chassis, resulting in a rough, noisy, unpleasant ride. Performance and ride quality suffers even more as these plastic inserts wear out and metal to metal leaf friction inhibits rebound and compression of spring. Metal fatigue will then occur, original so-so ride lost, car sags and leans excessively when corning, accelerating or braking.

So why not order VBP's Composite Monospring today?... It's the last spring you'll ever need – and is the boldest advance ever in ride and handling. Available for all Corvette generations.



Composite Monospring Rate
To Fit Your Personal Driving Style
300-lb Composite Monospring - Replaces a 9-leaf stoce

**300-Ib** Composite Monospring - Replaces a 9-leaf stock steel spring and delivers a very <u>pleasant</u>, <u>soft ride</u>. Suggested for use only on 1963-67 small blocks.

**330-ID** Composite Monospring - Our most popular spring can be used on any 1963-82 small block Vette. Not as harsh as a Gymkhana 7-leaf stock steel spring, but rides and handles great. Ideal when combined with VBP's GT front coil springs.

**360-ID** Composite Monospring - The street and slalom spring recommended for all big block Vettes. Greatly enhanced handling with a <u>much better</u> ride than a 7-leaf steel spring. Ideal companion with street and slalom front coils (550 lbs./inch) or the Front Transverse Monospring system.

**420-Ib** Composite Monospring - For increased stiffness for all racing applications. Direct substitute for the Daytona Steel spring (400 lbs./inch).

**Sport** Composite Monospring - Available for all 1984 and newer Corvettes, these springs are designed for touring and autocross. The spring rates are higher with minimal ride quality compromise.

**Kireme** Composite Monospring - Designed for racing that demands spring rate and ride height adjustments. VBP will manufacture various rates upon request. NOTE: (Minimum quantity per order may be required – call for info).

**Custom** Composite Monospring - VBP, manufacturer of the VBP Composite Monosprings, can build these springs for a variety of cars upon request. Examples; Street Rods, 1955 Chevys, Mustangs, Jaguars and many others. NOTE: (Minimum quantity per order may be required – call for info).

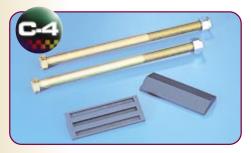
Caution: DO NOT EXPOSE SPRING TO EXTREME HEAT BY ANY MEANS! We advise that you allow adequate exhaust clearance and/or shield heat from Composite Monosprings.



#### SUSPENSION COMPONENTS







#### **SPRING BOLT CUSHIONS**

Restore original ride height with new spring cushions for your Corvette's rear spring bolts. Easily installed they are available in long lasting polyurethane or stock rubber material. Set does both ends of spring. Cupped and beveled washers are also available separately.

32305	1963-82 and 1997-03	Poly Spring Bolt Cushions	\$17.95
32304	1963-82 and 1997-03	Rubber Spring Bolt Cushions	\$15.95
32300	1963-82 and 1997-03	Poly Cushions & Washers	\$22.95
32310	1984-96 Poly Cushio	ns & Washers	\$15.95

#### **REAR SPRING BOLT KITS (8",10" OR 12") WITH CUSHIONS**

VBP offers longer custom made bolts with extra threads length for a greater ride height adjustment. Complete spring kit includes: 2 custom length grade 8 bolts, 4 cushions, nylock nuts and washers.

#### 1963-82 and 1997-03 - Kits w/#8" Bolts

32306	Poly Cushions Kit	\$29.95
32303	Rubber Cushions Kit	\$24.95
32301	Spring Bolts & Nuts Only	\$17.95
1984-91 -	Kits w/#10" Bolts	
32332P	Poly Cushions Kit	\$30.95
32332	Rubber Cushions Kit	\$25.95
32331	Spring Bolts & Nuts Only	\$18.95
1988-96 -	- Kits w/#12" Bolts	
31324	Poly Cushions Kit	\$69.95
31326	Spring Bolts & Nuts Only	\$59.95

#### STOCK SPRING BOLT KITS WITH CUSHIONS

Why not upgrade your tired old spring bolts with new grade-8 factory replacement spring bolts. Kit includes: VBP's spring bolts, Poly self-lubricating cushions that offer a longer service life and a smoother squeak free motion response, Washers and Nuts. New factory stock OEM rubber cushions pictured here, are also available.

32307	1963-82 Poly Cushions Kit	\$32.95
32302	1963-82 Rubber Cushions Kit	\$34.95

#### **REPLACEMENT STEEL PLATE KITS**

These VBP plates are stamped from thicker gauge steel than the original factory parts. Our plates look original but are much stronger and durable. Complete kit includes: OEM style steel plate with a durable long lasting powder coated finish, Lock washers, Bolts and Instructions.

32314	1963-77 with (9/16" bolts)	\$24.95
32315	1978-79 with (7/16" bolts)	\$24.95
32316	1980-82 with (12mm bolts)	\$24.95

#### **LOWERING KIT**

Improve your car's look and handling by installing our VBP lowering kit. The kit includes easy to install poly wedges and longer rear spring bolts which lower your Corvette 1 inch. A lower center of gravity means reduced body roll for better handling.

32309 1984-96 Lowering Kit \$39.95









#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### **HEAVY-DUTY UPPER CONTROL ARMS**

Box-tube A-arms are MIG welded to be stronger than stock A-arms. VBP poly bushings allow arms to pivot more freely with less deflection than stock rubber bushings. Relocated ball joint mounts are designed to allow up to 5° positive caster and a greater camber adjustment range for better handling and road tracking. A-arms are shipped pre-assembled with offset cross-shafts, poly bushings, installed ball joints and powder coated. Limited Lifetime Warranty!

42101	1963-82 Upper A-arms (pr)	\$319.95
42110	1963-82 Upper A-arm Cross Shafts (ea)	\$39.95
60000	1963-82 A-arm Shim Kit (25 shims)	\$7.95

#### **UPPER & LOWER CONTROL ARMS**

Rebuilt Upper & Lower Control Arms with polyurethane bushings are now available. Complete units are disassembled, cleaned, inspected and powder coated. Arms are then reassembled with new ball joints, bumpers and polyurethane bushings. Units carry a five year limited warranty. All prices are exchange. Core Charge \$100. Call for pricing with riveting and rubber bushings.

51060	1965-82 Left Upper Control Arm Assembly	\$189.95
51061	1965-82 Right Upper Control Arm Assembly	\$189.95
51062	1965-82 Left Lower Control Arm Assembly	\$189.95
51063	1965-82 Right Lower Control Arm Assembly	\$189.95
NOTE:	Rivet service available for an additional \$15 per arm.	

#### **SUPER FRONT END REBUILD KITS**

Includes all components in our standard kit plus; Offset upper control arm cross shafts, Travel limiters, Polyurethane end links, Polyurethane sway bar bushings (specify size when ordering), Poly ball joint and tie-rod end boots and Polyurethane shock mount bushings.

41751 1963-82 Rebuild Kit w/OEM type rubber bushings \$339.95 41753 1963-82 Rebuild Kit w/Advanced Street poly bushings \$399.95

#### **COMPLETE FRONT END REBUILD KITS**

Second generation Corvettes (C-2) were produced between 1963 and 1967. Third generation Corvettes (C-3) were produced between 1968 and 1982. The basic frame design of both generation Corvettes are very similar. The most dramatic changes to the basic frame occurred in 1980 when the Corvette was put on a fuel economy diet. The frame was lightened to accommodate the new aluminum rear end housing.

You can buy with confidence ... because all of VBP's Front End Rebuild Kits are MADE IN AMERICA and carry a LIMITED LIFETIME WARRANTY. In addition they are custom designed to insure a perfect fit for your year Corvette. We guarantee that they are the last front end parts you will ever need to buy, if installed and maintained properly.

Complete rebuild kits include: All 4 ball joints, All 4 tie rod ends, Tie rod sleeves, Heavy duty idler arm, All control arm bushings and even grease fitting covers. These kits will restore handling performance and ride quality, reduce tire wear and road wandering.

41551 1963-82 Rebuild Kit w/OEM type rubber bushings \$199.95 41553 1963-82 Rebuild Kit w/Advanced Street poly bushings \$269.95



















#### FRONT END REBUILD KITS

These quality kits include: All four ball joints, Both outer tie-rod ends, Polyurethane control arm bushings and Grease fitting covers.

84100	1984-85	\$499.95
84101	1986-87	\$479.95
84102	1988-92	\$449.95
84104	1993-96	\$449.95

#### POLYURETHANE CONTROL ARM BUSHING KIT

Our C-5 polyurethane bushing kit greatly reduces deflection over stock bushings and improves suspension response for quicker handling. These special polyurethane bushings are graphite impregnated and eliminate static bind in the suspension movement. They are impervious to gas, oil and many other harsh road chemicals. They maintain more precise alignment geometry under severe driving situations and will far outlast stock rubber bushings. 1997-04 \$249.95

Note: This is also available as a Front Upper/Lower and Rear Upper/Lower kit.

#### **POLYURETHANE CONVERSION KITS**

Replace your old and worn stock rubber bushings with long-lasting polyurethane. Complete kits include: either A-arm bushings, End-links, Ball joint and Tie rod boots or Differential mount bushing, Trailing arm bushings, Strut rod bushings and Spring bolt cushions.

41448	1963-82	Front Kit	\$124.95
41449	1963-82	Rear Kit	\$89.95
41550	1963-82	Both Kits	\$199.95

#### FRONT POLYURETHANE CONVERSION KIT

Tighten up loose front end and restore handling with our polyurethane conversion. Kit includes: Upper and lower control arm bushings, Shock mount grommets, Ball joint boots and Tie rod end boots.

Front Poly Kit 84-96

#### **REAR POLYURETHANE CONVERSION KIT**

Kit includes: Strut rod bushings, Trailing arm bushings and Spring bolt cushions. 84-96 Rear Kit 84551 \$119.95

#### **HEAVY DUTY TIE-ROD ENDS** - Limited Lifetime Warranty

31531	1963-82 Set of 4	\$69.95
31532	1963-82 R/H Tie-Rod End	\$19.95
31533	1963-82 L/H Tie-Rod End	\$19.95
84028	1986-96 Outer Tie-Rod End	\$74.95
84030	1984-85 Outer Tie-Rod End	\$74.95
84032	1984-91 Outer Toe-Rod End (rear)	\$99.95
84033	1984-96 Toe-Rod Link (rear)	\$191.95
84034	1992-96 Outer Toe-Rod End (rear)	\$74.95
97530	1997-04 Tie-Rod End (front)	\$44.95
97532	1997-04 Toe-Rod End (rear)	\$44.95

**IIP:** Replace tie-rod end if there is excess up and down motion in the unit.







#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### **HEAVY-DUTY BALL JOINTS** - Limited Lifetime Warranty

31511	1963-82 Upper	\$24.95
31512	1963-82 Lower	\$24.95
84011	1984-96 Upper	\$79.95
84012	1984-96 Lower	\$79.95

#### **HEAVY-DUTY IDLER ARMS** - Limited Lifetime Warranty

31500 1963-82 \$59.95

#### **HEAVY-DUTY TIE-ROD SLEEVES**

These swedged DOM tubes are much stronger than stock sleeves and are powder coated. They can be used with existing tie-rod ends and are very easy to adjust. Custom lengths are available - call for assistance.

42111 1963-82 \$32.95

#### **POLY TIE-ROD END AND BALL JOINT BOOTS**

Polyurethane looks better, lasts longer and resists damage from rocks, road salt and oils.

31508	1984-96 Poly Ball Joint Boots (4)	\$10.95
31510	1963-82 Poly Ball Joint Boots (4)	\$10.95
31530	1963-96 Poly Tie-Rod Boots (2)	\$5.95

#### POLYURETHANE CONTROL ARM BUSHINGS WITH GRAPHITE

Our special graphite-injected poly bushings last longer and have less deflection than OEM rubber bushings. Sets include: Poly bushings, Washers, Inner sleeves and Outer shells plus instructions. Outer shells are included where applicable.

31027	1963-82 Upper A-Arm Bushings (4)	\$44.95
32105	1984-96 Upper A-Arm Bushings (4)	\$44.95
31036	1963-82 Lower A-Arm Bushings (4)	\$15.95

#### **STOCK RUBBER CONTROL ARM BUSHINGS**

Replace worn out rubber bushings on upper and lower control arms with these OEM units. Note: Press required when installing.

31033 1963-82 Upper A-Arm Bushings (4) \$15.95

# OFFSET POLYURETHANE CONTROL ARM BUSHING KIT

Designed to increase the camber adjustment on the C-4 front end. Kit includes: Offset Poly bushings, Inner sleeves, Set screws, Drill bit and Tap.

32108 1984-96 Poly Bushing Kit \$99.95









# ANTI-SWAY BAR KIT UPGRADES ARE A <u>MAJOR</u> HANDLING IMPROVEMENT!!!









1963-82 Corvette	
42011 Front Kit - Bar Diam. 1"	\$124.95
42012 Front Kit - Bar Diam. 1-1/8"	\$124.95
42013 Front Kit - Bar Diam. 1-1/4"	\$124.95
42014 Rear Kit - Bar Diam. 5/8"	\$124.95
42015 Rear Kit - Bar Diam. 3/4"	\$124.95
42016 Rear Kit - Bar Diam. 7/8"	\$124.95
1984-96 Corvette	
84018 Front Kit - 85-87 - 32mm Diam.	\$149.95
88018 Front Kit - 88-96 - 32mm Diam.	\$149.95
84019 Rear Kit - 84-96 - 26mm Diam.	\$129.95
1997-03 Corvette - Requires C-5 End Link Kit Pg. 20 #97030	
97019 Rear Kit - 24mm Diam. (Bar & Bushings Only)	\$129.95
97018 Front Kit - 32mm Diam. (Bar & Bushings Only)	\$139.95
97017 Rear Kit - 19mm Diam. (Bar & Bushings Only)	\$129.95
97020 Rear Kit - 26mm Diam. (Bar & Bushings Only)	\$129.95
1967-69 Camaro	
42020 Front Kit - Bar Diam. 1"	\$124.95
42021 Rear Kit - Bar Diam. 3/4"	\$129.95
1970-81 Camaro	
42022 Front Kit - Bar Diam. 1-1/8"	\$124.95
42023 Front Kit - Bar Diam. 1-1/4"	\$124.95
42024 Rear Kit - Bar Diam. 7/8"	\$124.95
1982-92 Camaro	
42025 Front Kit - Bar Diam. 1-1/4"	\$124.95
42026 Rear Kit - Bar Diam. 7/8"	\$124.95
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#### **POLY STABILIZER BAR MOUNTING BUSHING KITS**

Poly bushings work like a steel bearing, allowing anti-sway bars to pivot freely with suspension system. These units are designed to bolt on in minutes. Kits include: 2 poly bushings, brackets, washers and instructions. 1963-82 Corvette and 1967-91 Camaro

1903-82	. Corvette ai	10 1967-91 Camaro		
31055	1-1/4" Bar		\$19.95	
31056	1-1/8" Bar		\$19.95	
31057	ı" Bar		\$19.95	
	15/16" Bar		\$19.95	
31059	7/8" Bar		\$19.95	
31065	13/16" Bar		\$19.95	
31060	3/4" Bar		\$19.95	
31061	11/16" Bar		\$19.95	
31062	5/8" Bar		\$19.95	
31063	9/16" Bar		\$19.95	
31064	7/16" Bar		\$19.95	
1984-96	Corvette P	oly Sway Bar Bushing Kits w/End Link B	ushings	
88200	1984-96	19mm rear	\$35.95	
88202	1984-96	22mm rear	\$29.95	
	1984-96	24mm rear	\$29.95	
	1984-96	26mm rear	\$29.95	
	1984-87	22mm front	\$29.95	
	1984-87	24mm front	\$29.95	
	1984-87	26mm front	\$29.95	
	1984-87	30mm front	\$29.95	
	1984-87	32mm front	\$29.95	
		22mm front	\$29.95	
		24mm front	\$24.95	
		26mm front	\$29.95	
88246	, ,	30mm front	\$29.95	
88248	1988-96	32mm front	\$29.95	
		oly Front Sway-bar Frame Mount Bushii		
97200	23mm + FE	,	\$14.95	
97210	26mm + Z	-	\$14.95	
97211	30mm + FE	E-4, Z-06, Z-51	\$14.95	
97212	32mm		\$14.95	pair
97213	38mm + T-		\$14.95	pair
1997-04		oly Rear Sway-bar Frame Mount Bushin	g Kits	
97010	19mm + FE		\$24.95	
97011	22mm + Z	51	\$24.95	

24mm + FE-4, Z-O6, Z-51

26mm

27mm + T-1

97013 97014





\$29.95

\$29.95

\$24.95





#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### **ANTI-SWAY BAR END LINK KITS**

OEM upgrade for improved handling and longer lasting flexibility. Kit as shown is for front or rear and replaces most end links used in GM cars.

420191963-82 Corvette Poly (5-1/2" Bolts)\$24.9542019C1963-82 Corvette Poly Custom Sizes\$24.95970301997-04 Corvette H.D. Spherical ends (full set)\$139.95Rubber bushings and any length end link bolts are available. Call for info.

#### **END LINK BUSHINGS**

Replace worn rubber OEM end link bushings with new longer lasting polyurethane. Direct replacement parts for most GM cars.

31121 Front Set of 8 Poly \$12.95 31068 Rear Set of 4 OEM Rubber (fits factory rear sway bar only) \$12.95

#### SPREADER BAR KITS

Our special heavy-duty spreader bar is designed to strengthen and stabilize front-end control arm towers by linking them together. Ideal for reduced flexing and cracking of these towers. KitS powder coated and available with or without mounting tabs welded in place. Small blocks, weld on tabs after positioning, to clear water pump pulley. Welding on vehicle not required. Cannot be used on big blocks with engine driven fans.

 42223
 1963-82
 Pre-Welded for 12 volt engine fan
 \$83.95

 42222
 1963-82
 Un-Welded for engine driven fan
 \$79.95

#### R-D RACING CORVETTE CAMBER-BRACE KIT

The upper control arm bolts have the greatest distance from the main part of the crossmember. This point is therefore more susceptible to flexing, due to leverage applied cornering situations. The CAMBER-BRACE connects to this point on both sides and spans across the open area in front of the engine. By effectively boxing the front end this way, we have removed any flexing of the control arm mounting horns. The end result will stabilize alignment settings and make the vehicle feel tighter, especially during hard cornering. Kit comes with mounting Bolts and Shims.

89000 1984 Camber-brace L83 \$199.95 Camber-brace 89002 1990-91 Lo8 \$199.95 Camber-brace L98 89004 1990-91 \$199.95 Camber-brace LT-1/LT-4 89006 1992-96 \$199.95 LT-1/LT-4 Electric Fan 80008 1992-96 Camber-brace \$249.95 89010 1990-95 Camber-brace Z51/LT5 \$249.95

#### **C-5 XTREME DUTY MOTOR MOUNTS** (Patent Pending)

The VBP engineered motor mounts are precision machined from T-6 billet aluminum and specially formulated polyurethane. This design

secures your engine and greatly reduces engine vibra tion. These units are built for Xtreme Duty applications and will far outlast other mounts.

97092 1997-04 Motor Mounts, (pr) \$289.95

9/092 199/-04 Motor Mounts, (pr) \$289.95

#### **C-5 XTREME DUTY TRANSAXLE MOUNT**

This Transaxle mount is constructed of high grade aluminum and our specially formulated polyurethane. This design secures your drivetrain and greatly reduces engine vibration. This unit is designed for Xtreme Duty applications and will far outlast other mounts.

97093 1997-04 Transaxle Mount, (ea)

#### **POLYURETHANE MOUNTS**

Poly mounts will fit small and big block engines and are soft enough for the street, yet strong enough for any competition.

51092 1963-82 Poly Transaxle Mount, (ea) \$34.95 51093 1963-82 Poly Engine Mount, (ea) \$59.95

#### **POLYURETHANE BODY MOUNT CUSHIONS** (Bolts not included)

Poly mount cushions will minimize flexing of your car body and improve reaction time during cornering, acceleration and braking situations. Specify make and model when ordering. Call for other applications available by special order.

31603 1964-69 \$49.95 31604 1973-82 \$49.95





\$134.95





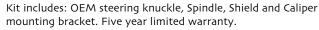
#### **ANTI-BUMP STEER KIT**

This kit brings tie-rod ends back to the correct tangent of the steering circle and corrects steering angles for large offset wheels and tires. They are powder coated dom carbon steel rods with swedge ends for added strength. Kit includes: 4 bolts, 2 blocks, 2 heavy duty tie-rod sleeves and 4 nuts.

Note: Use only on lowered cars - some machining may be required.

51000 1963-82 \$99.95









Kits include: 2 wheel bearings, 2 outer races and grease seal. Kits are for one wheel each.

51001	1963-68	Front (small spindles)	\$34.95
51002	1969-82	Front (large spindles)	\$34.95
51003	1969-82	Rear	\$59.95







**VISIT OUR WEB SITE FOR UNADVERTISED SPECIALS!** 

**VBANDP.COM** 

WE HAVE 100'S OF OTHER CORVETTE COMPONENTS AND PARTS THAT ARE NOT LISTED OR DISPLAYED IN THIS CATALOG.







Smart Struts® from VBP maintain rear wheel camber. The 1963-79 Corvette rear camber setting changes over 2° at 2-1/2 inches of wheel travel. When equipped with Smart Struts® your camber change is less than one tenth of 1° degree over 5-1/2 inches of wheel travel! Smart Struts® are guaranteed to improve handling and reduce uneven tire wear, hub bearing wear and side loading. Kit is pre-assembled and includes: Custom strut rod mounting bracket, Camber adjustment cams, Polyurethane bushings and Heavyduty or Racing powder coated dom steel rods with swedged ends for added strength. All of our Poly Adjustable Smart Struts® come with hardware, Instructions and a limited lifetime warranty.



Direct replacement for factory rubber bushings. Improves ride, handling and maintains alignment longer. 32052 1963-74 Fits (1 and 3/16 Ends-set of 4) \$29.95

32051 1975-82 Fits (1 and 3/8 Ends-set of 4) \$29.95 32072 1984-96 (set of 4) \$36.95











#### ADD A TOUCH OF GOLD...



#### SUSPENSION COMPONENTS



#### **REAR CAMBER STRUT RODS**

These VBP Poly-Adjustable Strut Rods are designed to maintain vertical alignment of rear tires and to decrease negative camber settings. These rods also improve tire wear and improve your car's handling. Custom-made rods are stronger than stock. They are powder coated for durability. The rods feature DOM swedged tubing with polyurethane bushings for long life. There are NO adjustment cams! Simply lengthen or shorten the strut rods by turning them, then tighten jam nuts to hold the new adjustment. The VBP Poly-Adjustable Strut Rods give you 3 times more adjustment range over stock camber adjustment cams. Custom lengths are also available. Kit features: 2 DOM swedged strut rods, Polyurethane bushings, Aircraft grade hardware, Powder coated and come with a limited lifetime warranty.

42009 1963-79 Pair \$119.95 42010 1980-82 Pair \$119.95 42008 1984-96 Pair \$119.95 Stock Type Replacement Strut Rods (Not Pictured) Features welded tubular rod ends for better strength

32054 1963-79 Pair \$79.95 32056 1980-82 Pair \$79.95

and Polyurethane Bushings.



#### **HEAVY DUTY REAR CAMBER STRUT RODS**

For maximum street performance install our heavy duty Rear Camber Strut Rods. They are one step better than the adjustable polyurethane camber rods. These units feature H.D. adjustable right and left hand threaded DOM rods and 3/4" spherical rod ends with 5/8" eyes. All hardware included.

42211 1963-82 Pair \$189.95 42212 1984-96 Pair \$189.95

#### **RACING REAR CAMBER STRUT RODS**

These VBP Rods are THE STRONGEST strut on the market. Easy to set, firmly holds proper rear wheel camber.

Racers love them! Features: H.D. right and left hand threaded DOM rods, racing grade spherical rod bearings and come with grease zerk fittings. All hardware included.

42213 1963-82 Pair \$219.95 42214 1984-96 Pair \$219.95

#### **RACING TRAILING ARMS**

Fine tune your rear alignment. Kit includes: 8 racing rod-ends, DOM swedged tubes, Jam nuts and come with grease zerk fittings. 42215 1984-96 Set of 4 \$429.95

#### **HEAVY DUTY TOE-RODS**

Direct replacement for worn factory toe rods. These heavy duty units feature super strong DOM tubing. The ends are swedged for extra strength and spherical rod bearings are installed to maintain perfect alignment under any condition. Units are powder coated and come with grease zerk fittings.

42072 1984-96 Pair \$299.95











#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### PRECISION SPHERICAL BEARING ROD ENDS

VBP now offers a complete line of American made, precision manufactured rod ends from FK Bearings. Heavy Duty units are equipped with grease fittings for easy maintenance. These rod ends will last years longer than rubber or even polyurethane bushings. Use them for any purpose or custom fabrication. Ideal for custom strut rods, sway bar end links, throttle or clutch linkages and dozens of other applications.

Call for price, size and type desired. Note: Jam nuts are sold separately.



#### **DIFFERENTIAL CROSS MEMBER REINFORCING KIT**

If you are upgrading your rear suspension, add this kit to your list – created to reinforce the rubber isolators that secure and retain the cross member in place. Kit includes: two aluminum discs, two 7/16" studs, four; nuts, lock washers, flat washers and instructions.

42241 1963-79 Corvette (aluminum kit) \$34.9



#### REPLACEMENT BUSHINGS FOR REAR CROSSMEMBER

 42242
 1963-79 Corvette (GM rubber replacement part, ea.)
 \$159.95

 84109
 1980-82 Corvette poly kit (Not pictured)
 \$39.95

 84108
 1984-96 Corvette poly kit (Not pictured)
 \$39.95

#### POLYURETHANE FRONT DIFFERENTIAL MOUNTING BUSHING

This Poly bushing helps eliminate vibration, is tougher and lasts longer than the stock rubber bushing. Poly is impervious to gas, oil, rear end fluid and many other harsh road chemicals.

31040	1963-82 Corvette Poly Kit	\$24.95
31038	1963-82 Corvette Rubber Kit	\$34.95
31039	Upper Rubber Bushings Only	\$14.95



#### **TRACTION-BAR**

This bar is a favorite among drag race enthusiasts for improved traction. The bar helps eliminate wheel hop and rear end twisting at launch by transferring the differential torque to the frame. Bar bolts to the rear-end housing and 2 tabs (supplied). These tabs must be welded to frame. Each unit comes with a durable powder coated finish. Note: Will not fit 1978-79 rear end covers. Will not work with dual mount spring kit.

32057 1963-79 Corvette \$99.95









#### **HEAVY DUTY REPLACEMENT REAR END COVERS**

The VBP HD rear end covers are designed for the demanding high performance driver. These covers are stronger than stock covers and are an easy bolt on replacement. Requires 9/16" spring mount bolts. Note: 1978-79 requires 9/16" plate kit.

51245 1963-79 H.D. Rear End Cover \$89.95 51246 1963-79 Rear-end Gasket, Plug and Vent Cap \$34.95



If you are having to make steering corrections to keep your Vette on the road it's time for VBP's snug-fitting, long-lasting trailing arm kit containing new bushings and shims. Our kits are an improvement over stock parts and are a direct GM replacement.

Unlike rubber, poly bushings can be installed in your rear trailing arms without removing the arms from the car. Simply disconnect arms and install poly bushings using our easy flaring tool. No press is required. Use lubricant included in kit for extended life and better wear. Kit does both sides and includes: Steel inner sleeves, Outer shells, Polyurethane bushings, Steel washers, 3 sizes of round shims, Plus flaring tool for easy installation.

 41043
 1963-82 (with outer shells)
 \$59.95

 41045
 1984-96 (aluminum links only)
 \$69.95

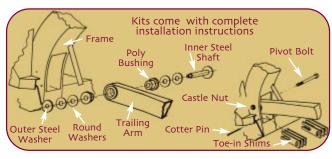
#### TRAILING ARM RUBBER BUSHING KIT

This kit is a direct replacement for stock bushings. Includes: Steel inner and outer sleeves, Steel shafts, Rubber bushings and washers. Does not include installation tool. Requires a press.

41041 1963-82 Kit for 2 trailing arms

\$49.95





#### STAINLESS STEEL TRAILING ARM ALIGNMENT SHIM KIT

If you install our stainless steel shims, you will find it much easier to adjust your Corvette's rear toe settings. Kit for both trailing arms includes: Stainless steel alignment shims (in 4 sizes), Pivot bolts, Cotter pins, Castle nuts, and Instructions. Direct replacement.

41044 1963-82 Kit for 2 trailing arms

\$43.95

2 2

VI







#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

#### **HEAVY DUTY TRAILING ARMS**

Allows additional inboard clearance for wider tire and rim combinations. Everthing is in the stock location except where the arm itself passes the tire. Includes stock size polyurethane bushings and comes powder coated for durability. Five year limited warranty.

51021 1963-82 2" Offset Right Hand T-Arm \$199,95 51022 1963-82 2" Offset Left Hand T-Arm \$199,95 51058 1963-82 Bearing Assembly Mount Stud Kit ea. \$12.95 TIP: Combine Offset T-Arms with rear Dual Mount Spring System to eliminate the rear Anti-sway bar from of the equation....for wider tires. Rear Dual Mounts actually act like a Sway bar while transferring energy from one side of the car to the other.

#### **REBUILT REAR WHEEL BEARING ASSEMBLIES**

Complete units are remanufactured by VBP experts and "blueprinted" to factory specs. All units carry a five year limited warranty. All prices are exchange. Core Charge \$250. Also available with new OEM or Sport replacement rotors already installed. Call for details.

51030 1965-82 Left Hand Rear Wheel Bearing Assembly \$199.95 51032 1965-82 Right Hand Rear Wheel Bearing Assembly \$199.95

#### CADMIUM BRAKE SHIELDS —

Silver - White Zinc Plated		
51017R 1965-75	Right Front	\$34.95
51017L 1965-75	Left Front	\$34.95
51018R 1965-75	Right Rear	\$34.95
51018L 1965-75	Left Rear	\$34.95
Gold - Yellow Zinc Plated		
51019R 1975-82	Right Front	\$34.95
51019L 1975-82	Left Front	\$34.95
51020R 1975-82	Right Rear	\$34.95
51020L 1975-82	Left Rear	\$34.95

#### **AC/DELCO WHEEL BEARING ASSEMBLIES** (No Exchange)

84110	1984-90 Front	\$259.95
84111	1991-96 Front	\$299.95
84115	1084-06 Rear	\$240.05

#### REBUILT REAR WHEEL BEARING / TRAILING ARM ASSEMBLIES

Now these units are available with stock or offset T-arms. Complete assemblies are disassembled, cleaned, inspected and powder coated. Units are reassembled with all new parts and "blueprinted" to factory specs. All units carry a five year limited warranty. Bearing Core Chrg: \$250 each, Stock T-arms Core Chrg: \$200 each. NOTE: Core charge refunds dependent upon condition of your returned cores.

Left Hand Bearing / Offset T-Arm Assembly	\$419.95
Right Hand Bearing / Offset T-Arm Assembly	\$419.95
With Parking Brake Kit	
Left Hand Bearing / Offset T-Arm Assembly	\$499.95
Right Hand Bearing / Offset T-Arm Assembly	\$499.95
Left Hand Bearing / Stock T-ArmAssembly	\$349.95
Right Hand Bearing / Stock T-Arm Assembly	\$349.95
	Right Hand Bearing / Offset T-Arm Assembly With Parking Brake Kit Left Hand Bearing / Offset T-Arm Assembly Right Hand Bearing / Offset T-Arm Assembly Left Hand Bearing / Stock T-ArmAssembly

1965-82 With Parking Brake Kit51054Left Hand Bearing / Stock T-Arm Assembly\$399.9551056Right Hand Bearing / Stock T-Arm Assembly\$399.95



# GO TO → VBandP.com

FOR 100'S OF OTHER CORVETTE COMPONENTS AND PARTS THAT ARE NOT LISTED OR DISPLAYED IN THIS CATALOG.













# KYB GR-2 <sup>®</sup> Shocks & Struts

Give your Corvette a satin-smooth ride at an economical price. KYB GR2<sup>®</sup> shock absorbers feature lower pressure for riding comfort along with the improved handling and response only gas shocks can provide. All carry a limited lifetime warranty from the factory.

NOTE: The Corvette rear shocks # VBP218 are unique and have been specially designed and valved to VBP specifications for use with the VBP composite monospring - They ARE NOT standard GR2® shocks and are only available through VBP.

#### Corvette Applications

343211	1953-62 Rear	\$34.95
343127	1963-82 Front	\$34.95
343218	1963-82 Rear	\$34.95
VBP218	1963-82 Rear w/Composite Spring	\$34.95
Camaro .	Applications	
343127	1967-69 Front	\$34.95
343128	1970-81 Front	\$34.95
236001	1982-92 Front (strut)	\$99.95
343135	1967-69 Rear	\$34.95
343131	1970-81 Rear	\$34.95
343211	1982-97 Rear	\$34.95

#### **KYB Gas-A-Just® Shocks & Struts**

These KYB Gas-A-Just® shocks and struts are charged with 28o-psi nitrogen gas for more positive control and complete elimination of shock fade. Single tube design eliminates shock cavitation and decreases heat buildup. All KYB's carry a Limited Lifetime Warranty.

NOTE: We do not recommend KYB Gas-A- Just Shocks with Composite Springs.

#### **Corvette Applications**

KG4503	1953-62	Front	\$39.95
KG4550	1963-82	Front	\$39.95
KG4537	1984-87	Front	\$39.95
KG5569	1988	Front*	\$39.95
KG5570	1989-96	Front*	\$39.95
KG5562	1953-62	Rear	\$39.95
KG5501	1963-82	Rear	\$39.95
KG5564	1984-87	Rear	\$39.95
KG5571	1988-96	Rear *	\$39.95
*Except a	djustable s	uspension	

#### Camaro Applications

Camaro .	Аррисати	ONS	
KG4514	1967-69	Front	\$39.95
KG4516	1970-81	Front	\$39.95
KG9310	1993-97	Front	\$109.95
KG5524	1967-69	Rear w/Mono-Leaf	\$39.95
KG5521	1967-69	Rear w/Multi-Leaf	\$39.95
KG5526	1970-81	Rear	\$39.95
KG5562	1982-97	Rear	\$39.95

#### **Poly Shock Mount Grommets**

Polyurethane shock mount grommets improve shock response and will not compress like rubber. Polyurethane also lasts longer and is impervious to gasoline and oil. These fit bayonet or pin type mounts only – not rears or lower mounts.

31001 1963-82 Corvette, Set of 4 \$8.95

#### **Corvette Shock Mounts**

Factory replacement for all 1963-94 Corvettes.

51608	1963-82 R/H Shock Mount	\$44.95
51609	1963-82 L/H Shock Mount	\$44.95
88810	1988-96 Shock Mount	\$19.95

#### **Shock Mount Remover Tool**

The only tool you will need. Removes old, rusty rear lower shock mounts with ease.

51603 1963-82 Corvette \$12.95

VISA







#### TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

# BILSTEIN® Shocks

The manufacturer installs these shocks as original equipment on many vehicles. Sport Bilsteins are a new digressive valved shock which is self-adjusting to road conditions. They improve handling and stability without sacrificing ride comfort. For the performance minded driver, these shocks deliver absolute mastery of the road surface. All Bilstein® shocks have a Limited Lifetime Warranty.

Corvette Heavy Duty Shocks

COLVETTE	icavy Ducy Shocks	
B46-0283	1953-62 Front	\$78.95
B46-0493	1953-62 Rear	\$78.95
Corvette S	port Shocks	
B36-0222	1963-82 Front (all)	\$78.95
B36-0228	1984-87 Front	\$78.95
B46-1113	1988 Front	\$78.95
B46-1177	1989-94 Front	\$78.95
B46-2057	1995-96 Front	\$78.95
BE5-2977	1997-03 Front	\$79.95
B46-0232	1963-82 Rear	\$78.95
B46-0238	1984-87 Rear	\$78.95
B46-1178	1988-94 Rear	\$78.95
B46-2058	1995-96 Rear	\$78.95
BE5-2978	1997-02 Rear	\$78.95
Corvette S	elective Ride	
BA5-7000	1989-91 Front	\$224.95
BA5-7027	1992-95 Front	\$224.95
BA5-7001	1989-91 Rear	\$224.95
BA5-7028	1992-95 Rear	\$224.95
NOTE: Do	es not include top bushings or a	ctuators.
Camaro Sp	oort Shocks and Struts	
AK2072	1968-76 Front	\$84.05

AK2072	1968-76 Front	\$84.95
B46-1104	1977-81 Front	\$81.95
536-0201	1982-92 Front Strut	\$149.95
B46-1913	1993-02 Front Strut	\$149.95
AK2073	1968-69 Rear (w/monospring)	\$84.95
AK2074	1968-69 Rear (w/multispring)	\$84.95
B46-0156	1970-81 Rear	\$81.95
B46-1121	1982-92 Rear	\$81.95
B46-1914	1993-02 Rear	\$81.95

#### **Bilstein® Racing Shocks**

Krupp Bilstein® have made available their world famous racing shock line through VBP. Racing shock requirements vary widely. Call for details on your particular application.

#### XTREMES!

VBP and Bilstein® together have engineered an extraordinary digressive valved gas charged shock absorber for the ultimate Xtreme Corvette driver. This creative design improves overall chassis control of: Composite spring forces, On-off-throttle oversteer and Rapid left/right cornering. A must for the serious autocrosser or lapping driver. Special valving available upon request. Note: Not recommended for street. Ride may be to stiff.

 VBP1001
 1984-96
 Front
 \$115.95

 VBP1010
 1963-82
 Rear
 \$115.95

 VBP1012
 1984-87
 Rear
 \$115.95

 VBP1014
 1988-96
 Rear
 \$115.95

 NOTE: 1988 must be lowered a 1" minimum to fit.





#### ADD A TOUCH OF GOLD...



#### POWER STEERING KITS AND





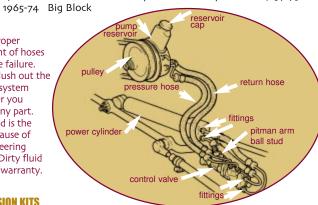


#### **POWER STEERING COMPONENT KIT**

An economical way to completely rebuild your power steering system. The VBP kit has the best components money can buy and is pressure tested and zero-adjusted here at our factory. All you have to do is bolt it on. The steering cylinder has new seals, bushings and a new chrome-molly shaft. Kit includes: Rebuilt control valve and Cylinder, New hoses, 2 pints of power steering fluid and detailed instructions. Five year limited warranty on valve and cylinder, one year on hoses. Prices shown are exchange. Valve core charge \$75. Cylinder core charge \$60.

1963-79 Small Block Any Complete Kit.....\$229.95 22851 22852 1980-82 Small Block Any Kit without Cylinder......\$139.95 22853

TIP: Improper placement of hoses can cause failure. Always flush out the steering system whenever you change any part. Dirty fluid is the leading cause of power steering failures. Dirty fluid will void warranty.



#### **CONVERSION KITS**

Upgrade your 1963-74 Corvette manual steering system with a VBP complete remanufactured power steering conversion kit. Quality components and hardware insure improved handling, safety and driver comfort. You will not believe the difference. Kit includes: Rebuilt control valve, New Cylinder, Pump, New hoses, Centerlink, Pitman arm, Brackets, Hardware, 2 pints of power steering fluid and Detailed instructions. All conversion kits come with a five year limited warranty on valve, cylinder and pump, one year on hoses.

22854R 1963-74 Small-block (non hypo)	\$789.95		
22855R 1963-74 Small-block (hypo only)	\$789.95		
22856R 1970-74 Big-block	\$919.95		
22857R 1965-69 Big-block	\$949.95		
Note: Pumps will install and perform like the original style pump. "Pump			
reservoir will most likely not look like an original pump." N.C.R.S. cars will			
have to find an old style reservoir and install nev	w pump in an old reservoir.		

#### **COMPLETE HOSE KITS**

Save time and money with economy priced premium hoses. These hoses are pre-bent and assembled with correct fittings as a direct replacement.

21821	1963-79 Small Block Hose Kit	\$64.95	
21822	1980-82 Small Block Hose Kit	\$69.95	
21823	1963-74 Big Block Hose Kit	\$59.95	
INDIVID	DUAL POWER STEERING HOSES		
Pump to Valve Hose			
11821 1062-70 Small Block Hose \$10.05			

Call VBP for NEW power steering conversion kit price.

o Valve Hose		
1963-79 Small Block Hose	\$19.9	95
1980-82 Small Block Hose	\$19.9	95
1963-74 Big Block Hose	\$19.9	95
Line - Valve to Pump		
1963-82 ALL Applications	\$17.9	95
o Cylinder - Large Radius		
1963-82 ALL Applications	\$17.9	<b>9</b> 5
o Cylinder - Small Radius		
1963-82 ALL Applications	\$17.9	<b>9</b> 5
m Power Steering Fluid		
12-oz Power Steering Fluid	\$2.29	9
	1963-79 Small Block Hose 1980-82 Small Block Hose 1963-74 Big Block Hose Line - Valve to Pump 1963-82 ALL Applications ocylinder - Large Radius 1963-82 ALL Applications ocylinder - Small Radius 1963-82 ALL Applications m Power Steering Fluid	1963-79 Small Block Hose \$19.0 1980-82 Small Block Hose \$19.0 1963-74 Big Block Hose \$19.0 Line - Valve to Pump \$19.3-82 ALL Applications \$17.5 1963-82 ALL Applications \$17.5









#### COMPONENTS TO ENHANCE YOUR CONFIDENCE TO DRIVE YOUR WAY.

#### **REBUILT POWER STEERING CONTROL VALVE**

VBP quality rebuilt units come complete with NEW Seals, Bolts, Stone shields and Tube seats. They are pressure tested, adjusted and centered and come with a 5 year limited warranty. Price shown is exchange. Core charge \$75.

 12801
 1963-82 Rebuilt Valve
 \$89.95

 12801K
 1963-82 Rebuild Kit
 \$29.95

#### **NEW POWER STEERING CONTROL VALVE**

OEM replacement. One year limited warranty. New valves are pressure tested & centered at VBP.

11801 1963-82 New Valve \$179.95

NOTE: We will buy used rebuildable cores at \$50 each.

#### STAINLESS STEEL REBUILT POWER STEERING CYLINDER

This is our Newest Product that will extend the life of your power steering system. These Stainless Steel Sleeved units will not rust over time like stock steel units do. Therefore eliminating this damaging corrosion that commonly wear out seals and causes fluid leaks and power steering failures. VBP's premium quality SS rebuilt unit is an upgrade that will enhance your steering performance and extend your Power Steering service life. Each Stainless Steel Sleeved unit is assembled with NEW: Chrome shaft, Seals, Tube seats, Cushions, Hardware and Painted with durable silver Epoxy. They are pressure tested and come with a 5 year limited warranty. Price shown is exchange. Core charge \$60.

12802S 1963-82 Rebuilt Stainless Steel Sleeved Cylinder \$129.95

#### **REBUILT POWER STEERING CYLINDER**

These quality rebuilt units from VBP come with NEW: Chrome shaft, Seals, Tube seats, Cushions and Hardware. They are pressure tested and come with a 5 year limited warranty. Price shown is exchange. Core charge \$60.

 12802
 1963-82
 Rebuilt Cylinder
 \$89.95

 12802K
 1963-82
 Rebuild Kit
 \$19.95

 12864
 1963-82
 Cylinder Rod Mount Bushing Kit
 \$ 9.95

#### **NEW POWER STEERING CYLINDER**

OEM replacement. One year limited warranty.

11802 1963-82 New Cylinder \$129.95

NOTE: We buy rebuildable used power steering valves and cylinders - call for current prices.

#### REMANUFACTURED STEERING GEAR BOX

Our remanufactured Steering Boxes have a lifetime warranty. These boxes include: All new bearings, Seals, Races and Gaskets, Plus all new fitted bronze bushings. VBP provides you with accurate steering for as long as you own your Corvette. Price shown is exchange. Core charge \$150.

51070 1963-70 Cast iron (round shaft) \$199.95 51071 1971-82 Aluminum (flat shaft) \$199.95

#### **REBUILT POWER STEERING PUMPS** (not pictured)

These pumps will install and perform like the original. "Pump reservoir will most likely not look like your original." One year limited warranty. NOTE: Rebuilt pumps do not include pulley, cap or studs. Customer must retain these original parts prior to ordering. Prices shown are exchange. Core charge \$40.

**Tip:** For N.C.R.S. cars, install the original reservoir on new pump and return new reservoir with core.

12810	1963-74	\$ 99.95
12812	1975-79	\$ 99.95
12814	1980-81	\$108.95
12816	1982	\$108.95









**Upgrade with the BEST Brakes ever made...** 



remanufacturers have looked up to. The introduction of our <u>Unique Patented O-Ring Sealed Insulated Brake Pistons</u>, really raised the bar, adding nearly 3 <u>Times The Normal Service Life</u>. That's a <u>Huge Benefit</u>, <u>And Big Savings For You!</u> The <u>Reliability And Earned Trust</u> in our Brakes are a few of the reasons why we've stayed on top. Brake Caliper sales and customer satisfaction have been overwhelming as we continue our focus on <u>Solutions</u> for the Corvette community. So why not add some PRIDE to your ride...There's valued benefits designed in all the products we build, and we would like to share them with you.

#### VBP O-RING SEALED BRAKE UPGRADES:

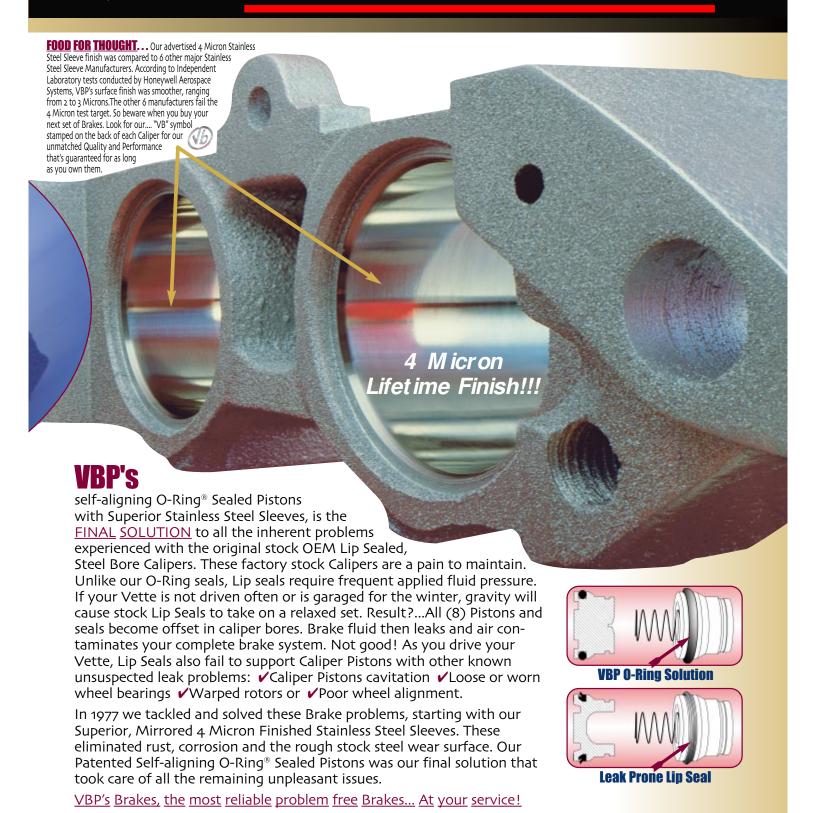
- ✓ Are the Preferred Choice of Vintage Corvette Enthusiasts.
- ✓ Have Unique Patented Benefits and Technologies Owned Only By VBP.
- ✓ Has the Best "Lifetime Brake Value" in the Brake Industry.
- ✓ Are Stainless Steel Sleeved with the Only 4 Micron or Better Mirror Finish.







#### BRAKES, BUILT WITH SUPERIOR LIFETIME VALUE AND PERFORMANCE











up-charge will apply for this new feature.

Call for an estimate.







#### BRAKES, BUILT WITH SUPERIOR LIFETIME VALUE AND PERFORMANCE

#### FRONT DISC BRAKE CONVERSION KIT

Front brakes do approximately 70% of the stopping on any vehicle. Now you can upgrade your standard drum brake Vette to factory front four-piston disc brakes! This conversion kit includes EVERY-THING you need to convert to the safer, more powerful Corvette disc brakes. Stainless steel sleeved calipers carry a limited lifetime warranty.

- Big Bearing Front Spindles
- Steering Knuckles
- Caliper Mounting Brackets
- Cadmium Dust Shields
- Rotor & Hub Assemblies
- Stainless Sleeved Calipers
- Adjustable Proportioning Valve
- Residual Pressure Valve

1963-64 12151

1963-64 (with Patented O-Ring Caliper Pistons) 12151A

- 69' & up Wheel Bearings & Races
- Rubber Flex Hoses & Washers
- Front Bearing Dust Caps
- Ball Joint Boots
- Organic Brake Pads
- Hardware and Instructions
- Outer tie-rod end boots

\$1,599.95 \$1,639.95

This kit is also available w/new stock rotors & re-conditioned hubs for less \$\$\$. Required for knock-off wheels.

#### **COMPLETE STAINLESS STEEL SLEEVED BRAKE KIT**

This kit is a very popular choice of our Corvette customers. Kit contains everything you need for a quality four wheel brake restoration. Stainless steel sleeved calipers carry a limited lifetime warranty. EXCHANGE only. Add \$40 per wheel refundable core charge if you cannot provide caliper cores in advance.

- 4 Stainless Sleeved Calipers
- 4 DOT Approved OEM Brake Hoses
- 2 OEM Tinned-Bundy Armored Trailing Arm Brake Lines
- OEM Replacement Organic Pads
- Pad Installation Tools
- 1 Quart Heavy Duty DOT 3 Fluid
- Brake Pad Retaining Pins

22200 1965-82 (with stock lip seals) \$399.95 222000 1965-82 (with Patented O-Ring Caliper Pistons) \$429.95 222001 1965-82 (with patented O-Ring Caliper Pistons w/insulators) \$549.95 Suggested Upgrades: Patented O-Ring pistons, Stainless braided brake hoses and Semi-metallic or Ferro carbon metallic brake pads. Call for selected upgrades and total cost.



Everything you need for a quality four wheel brake job plus a new lifetime guaranteed master cylinder (no exchange). Stainless steel sleeved calipers carry a limited lifetime warranty. EXCHANGE only. Add \$40 per wheel refundable core charge if you cannot provide caliper cores in advance.

- 4 Stainless Sleeved Calipers
- New Master Cylinder
- 4 DOT Approved OEM Brake Hoses
- 2 OEM Tinned Bundy Armored Trailing Arm Brake Lines
- OEM Replacement Órganic Pads
- Pad Installation Tools
- 1 Quart Heavy Duty DOT 3 Fluid
- Brake Pad Retaining Pins

22269	1965-66 w/single-reservoir	\$479.95
22371	1967-76 w/manual brakes	\$459.95
22372	1965-76 w/power brakes	\$479.95
22749	1977-82 w/power brakes	\$459.95

#### KIT WITH PATENTED O-RING CALIPER PISTONS UPGRADE

	III I AI LAI LD O IIING OALII LII I IOI ONG O	I GIIADE
222690	1965-66 w/single-reservoir w/O-Ring pistons	\$499.95
223710	1967-76 w/manual brakes w/O-Ring pistons	\$479.95
223720	1965-76 w/power brakes w/O-Ring pistons	\$499.95
22740()	1077-82 w/power brakes w/O-Ring pistons	\$470.05











#### **SPORT BRAKE UPGRADE KITS**

This complete VBP upgrade package for all four wheels includes: 4 special Sport Rotors, 2 sets of high performance Hawk® HPS brake pads, 4 DOT stainless steel braided brake hoses and 2 - 12 ounce bottles of Ford Blue super-duty brake fluid.

42750 42752 42754 42756 42758 42760 42762 42764 42766 42768	1984-87* 1984-87* 1988-92	Corvette Sport Corvette Sport Corvette Sport Corvette Sport Corvette Sport Corvette Sport	Kit Kit (w/ 13" FT rotor) Kit Kit (Heavy Duty) Kit Kit (Heavy Duty)	\$599.95 \$499.95 \$679.95 \$699.95 \$799.95 \$699.95 \$699.95 \$699.95
42768	1997-04	Corvette Sport	Brake Upgrade Kit	\$699.95

Note: only semi-metallic brake pads are available with these kits.

#### C-4 UPGRADE WITH C-5 BRAKES

One of VBP's newest brake upgrade packages for the C-4 generation Corvette is HOT STUFF! This new bolt-on performance enhancement kit is selling like Hot Cakes and includes: 1997-2001 C-5 twin-piston front brake calipers, Hawk HPS high performance brake pads, which provide 25% more braking surface area, VBP 13" front sport brake rotors which are 11% lighter than the OEM 13" rotor, DOT stainless steel flex brake hoses, New brackets, hardware and installation instructions.

You will be amazed how these new brakes slow your fourth generation Corvette down after a hard performance run. This new C-5 brake upgrade stops shorter than the C-4 ZR-1 big brake package. Years of development went into the design of this popular brake package. You can now have the latest Brake technology at a fraction of the cost of other brake upgrade systems. VBP is among the first in the industry to release this incredible safety upgrade package. This kit works best with any 85-96 Corvette that is fitted with the following wheels:

• 94-96 Corvette "A-Mold", 17" x 9.5" wheels. (These wheels were original equipment on 94-95 ZR-1's, 1996 Grand Sport and Special Edition Corvettes.)

For Corvettes that are equipped with other wheels, you must check measurements to ensure proper clearance before installation. 22500 \$929.00

1985-87 22501 1988-96

#### **BIG BRAKE UPGRADE KIT**

Now you can upgrade your 1985-96 Corvette with 1988 Girling high-performance calipers and get 25% more braking power. This bolt-on kit has OEM Girling 2 piston calipers and heavy-duty 13" rotors, making it an unbeatable combination for street or strip. NOTE: Kit is designed for use with factory 17" wheels. Cars equipped with

aftermarket 17" wheels must be measured for proper caliper clearance. Braided stainless steel flex hoses are also available. Kit does not include mounting bolts.

- 2 Girling 2 Piston Calipers
- 2 13" Heavy Duty or Sport Rotors
- 2 Caliper Mounting Brackets
- 2 Rubber Flex Hoses
- Hawk HPS Brake Pads

85014	1985-87	\$769.95
85014 <mark>5</mark>	w/Sport rotors	\$899.95
85015	1988-96	\$659.95
85015 <mark>\$</mark>	w/Sport rotors	\$869.95







\$929.00





#### BRAKES, BUILT WITH SUPERIOR LIFETIME VALUE AND PERFORMANCE.

#### **SIMPLY THE BEST YOU CAN BUY!**

- Caliper walls are reinforced with the <u>ONLY hardened 4-micron or better</u> finished stainless steel sleeves in the industry - insuring a perfect sealsurface for seal longevity.
- Assembled with new aluminum pistons, stainless springs, seals and dust covers.
- · All calipers are painted with tough, long lasting epoxy paint and they are pressure tested with Nitrogen gas. Nitrogen has smaller molecules than air or fluid.
- Stainless steel bleeder screws and plugs will never rust or seize-up, assuring. years of trouble free maintenance.
- Each caliper is stamped with a VB trademark & quality control number.
- All calipers carry a limited lifetime warranty in writing.

#### **LOADED CALIPER SPECIAL**

Add \$10 per wheel and we will ship your calipers fully "Loaded" with Premium Brake Pads, Pins and pad Insertion Tools!

#### 1965-82 REMANUFACTURED, XTREME DUTY O-RING SEALED CALIF

VBP'S Specially designed O-ring pistons and seals last longer, resist leaking and help to eliminate piston cavitation. New composite piston insulators control heat transfer and reduce brake fade. Ideal for autocross or racing applications. Comes fully assembled with Stainless Steel Sleeves, Patented O-Ring type pistons, Composite piston insulators, O-Ring seals, Dust boots, Stainless Steel Springs, Bleeders, Plugs and Limited Lifetime Warranty. All prices are exchange. \* Refundable Core Charge: \$40 per wheel.

12181	Right	Front Cal	iper

12182	Left	Front Calipe	r An	y Calip	er (	1).	\$129.95
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12183 Right Rear Caliper

12184 Left Rear Caliper

12185| Complete Car Set of (4)......\$479.95

#### 1965-82 REMANUFACTURED HEAVY DUTY O-RING CALIPERS

Specially designed O-Ring pistons and seals last longer, resist leaking and help to eliminate piston cavitation. Ideal for severe duty applications. Each unit comes fully assembled with Stainless Steel Sleeves, Patented O-Ring type pistons, O-Ring seals, Dust boots, Stainless Steel Springs, Bleeders, Plugs and Limited Lifetime Warranty. All prices are exchange. \* Refundable Core Charge: \$40 per wheel.

12181	Right Front Caliper
43493	Loft Front Coliner

12182	Left	Front	: Caliper	Any Caliper (1) \$9	2.95

12183 Right Rear Caliper

12184 Left Rear Caliper

#### 1965-82 O-RING CALIPER REBUILD/CONVERSION KITS

MUST BE USED WITH STAINLESS SLEEVED CALIPERS.



INCLUDES ALL PARTS AND HARDWARE.

11312 1963-82 Complete Front/Rear Conv. w/hardware (4) \$139.95 11312R 1963-82 Complete Rear Conv. w/hardware (2) \$79.95

11312F 1963-82 Complete Front Conv. w/hardware (2) \$79.95

EACH KIT CONVERTS 1 CALIPER WITH O-RING SEALS AND PISTONS -SPRINGS AND HARDWARE NOT INCLUDED.

11309 1967-82 Front O-Ring Seals & Pistons (1) per caliper \$27.95 11310 1967-82 Rear O-Ring Seals & Pistons (1) per caliper \$27.95



O-Ring® Seals and Pistons are the Final Solution to OEM Lip Seals that tend to leak when your Vette is garaged for the winter, or sits for any long periods of time. Unlike our O-Ring seals, Lip seals require frequently applied fluid pres When your Vette is not driven, seals develop a relaxed memory, leak fluid, and allow air to ooze into your system Piston cavitation, loose wheel bearings and warped rotors are a few other fluid/air exchange Lip Seal Problems while you're driving. VBP's Patented O-Ring Seals and Pistons design have resolved all these issues and are the most reliable problem free Brakes you'll find

#### \*IMPORTANT CORE CHARGE INFORMATION

C-2/C-3 caliper prices are EXCHANGE ONLY. If you are unable to send us rebuildable calipers at the time of purchase, you must add a \$40 per wheel refundable core charge to prices. Core refunds are issued only to the original purchaser and are processed on a first come, first serve basis. Please allow 4 to 8 weeks for all core refunds. Previously sleeved, damaged or non-Delco® brand cores may not be acceptable and will not receive full core refunds. Previously sleeved calipers may however be accepted for partial core refunds only if the OD (outside diameter) of the

#### sleeve does not exceed 1.995" for front calipers and 1.495" for rear calipers. **SPECIAL HANDLING OF CUSTOMER'S CALIPERS:**





#### 1965-82 OEM CALIPER REBUILD KITS

Kits include: OEM Lip seals, Dust covers and Half-seals. One kit rebuilds one caliper 1965-82 Front(1) \$9.95 \$9.95 \$34.95 1965-82 Rear(1) 11302 1965-82 All (4)

#### **1965-82 REPLACEMENT PISTONS**

1st Design (1965-66 All) 1965-66 Front(4) 11223 1965-66 Rear(4) 11224 2nd Design (1967-82 All) 1967-82 Front(4) 11221 \$19.95 11222 1967-82 Rear(4) \$19.95







#### 1965-82 REMANUFACTURED 2ND DESIGN LIP SEAL CALIPERS

The 2nd design lip seal piston with 4 Micron finished sleeved calipers come fully assembled with NEW Pistons, Springs, Seals, Dust boots, O-Rings, Stainless bleeders and Plugs. Limited Lifetime Warranty.
All prices are exchange. \* Refundable Core Charge: \$40 per wheel.

Right Front Caliper Any Caliper.....\$89.95 ea. 12121 Left Front Caliper 12122 Right Rear Caliper 12123 Left Rear Caliper 12124

Complete Car Set of (4).....\$339.95 12125

#### **1965-82 NEW REPLACEMENT CALIPERS**

These machined 4 Micron stainless steel Calipers feature NEW castings and come fully assembled with Heavy duty O-Ring pistons, springs, seals, dust boots, stainless steel bleeders, plugs and new hardware. Pads Sold Separately. Limited Lifetime Warranty. NO CORE CHARGE.

Right Front Caliper Any Caliper...... \$129.95 Left Front Caliper 12192 12193 Right Rear Caliper 12194 Left Rear Caliper 12105 Note: Extreme insulated upgrade available. Call for price.

#### 1965-82 NEW DELCO REPLACEMENT 2ND DESIGN O-RING SS CALIPERS

These NEW DELCO 2nd design Heavy Duty O-Ring sealed piston calipers are sleeved with our 4 Micron finished stainless steel sleeves. Complete car set (4), come fully assembled with NEW O-Ring Seals and Pistons, Springs, Dust boots, Stainless bleeders and Plugs. Limited Lifetime Warranty. NO CORE CHARGE.

12175 Note: Extreme Insulated upgrade available. Call for price.

#### 1965-66 1ST DESIGN REMANUFACTURED STAINLESS STEEL CALIPERS

Standard equipment on all 1965-66 Corvettes. These calipers come with high-temperature heat insulators and inboard piston guides. All prices are exchange. Limited lifetime warranty.\* Refundable Core Charge \$40 per wheel.

Right Front Caliper Any Caliper...... \$139.95 Left Front Caliper 12132 Right Rear Caliper 12133 Left Rear Caliper 12134 Complete Car Set of (4).......\$499.95 12135

#### **1984-96 HEAVY DUTY AND OEM REPLACEMENT CALIPERS**

Restore your Corvette's braking with top quality OEM replacement calipers from Girling®, PBR® or Delco Moraine®. Bolt-on replacements all carry a limited lifetime warranty. NEW - no exchange necessary.

1984-87 R/F Caliper 88936 \$99.95 1984-87 L/F Caliper 88934 \$99.95 88932 1984-87 R/R Caliper \$89.95 88930 1984-87 L/R Caliper \$89.95 1988-94 R/F Caliper 88954 \$139.95 88953 1988-94 L/F Caliper \$130.05 88952 1988-96 R/F HD, w/13" rtr \$139.95 1988-96 L/F HD, w/13" rtr 88951 \$139.95 88944 1988-96 R/R Caliper \$139.95 1988-96 L/R Caliper \$139.95

Note: Single pistons available. Call for prices.

#### **C-5 XTREME DUTY THERMODURIC CALIPERS**

VBP's unique modified C-5 design was developed for the serious C-5 Racer. These C-5 Front Calipers utilize vented Titanium Piston technology and ThermoDuric Coating that was first seen in Formula One. The exterior coating will extract heat 20% faster than stock coatings. The interior coating developed by NASA is a ceramic heat shield reflecting heat away. VBP's ThermoDuric Calipers will dissipate heat by an amazing 50% during competitive racing. Brake fluid boiling temperatures will be much lower, as well as the amount of heat transferred from pad to piston. VBP's ThermoDuric Calipers provide greater braking durability from start to finish. ThermoDuric Calipers - Not recommended for street use.

97220 1997-04 Right Front - OEM \$150.00 97221 1997-04 Left Front - OEM \$150.00 97251 1997-04 Right Front - with Titanium Pistons \$299.00 97252 1997-04 Left Front - with Titanium Pistons \$299.00 97256 1997-04 Right Front - with Titanium Pistons & Coatings \$449.00 97254 1997-04 Left Front - with Titanium Pistons & Coatings \$449.00

VE BUY CALIPER CORES - CONTACT US ASAP!









# BRAKES PADS TO FIT EVERY APPLICATION AND DRIVING STYLE.

### **OEM ORGANIC ALL PURPOSE STREET PAD KITS** (picture not shown)

Ideal for normal street driving temperatures and speeds. These silent running pads produce very little dust or noise. Limited Lifetime Warranty. Each kit contains pads for two wheels.

1965-82 Corvette 11401 1967-69 Camaro - (D3 4-Piston Calipers J-52) \$15.95 11411

# **SEMI-METALLIC SEVERE DUTY PADS** (picture not shown)

These premium top quality brake pads are recommended for low and medium speed autocross, or other hard duty applications. Limited Lifetime Warranty. Each kit contains pads for two wheels.

11402	1965-82 Corvette	\$19.95
11405	1965-82 Corvette - Dual-Pin	\$94.95
11421	1984-87 Corvette - FT	\$29.95
11422	1984-87 Corvette - RE	\$29.95
11425	1988-96 Corvette - FT	\$56.95
11426	1988-96 Corvette - RE	\$54.95
11435	1970-81 Camaro - FT	\$34.95
11412	1982-92 Camaro - FT	\$34.95

#### **NEW! HAWKBRAKE® FERRO-CARBON PADS**

Simply the best brake pads available anywhere in the world. HawkBrake® offers many lines of unique pad compositions to suit normal street to super speedway driving applications.

**HPS** - High Performance Street material. HawkBrake® pads produce extremely low dust, high friction, are rotor friendly and silent running. Improved performance over OEM brake pads.

14399	1965-82 Corvette Street - Dual-Pin	\$89.95
14400	1965-82 Corvette - Single Pin (D8)	\$49.95
14440	1984-87 Corvette (D294) FT	\$49.95
14405	1988-96 Corvette (D412) FT	\$94.95
14410	1988-96 Corvette (D413) RE	\$69.95
14415	1997-00 Corvette (D731) FT	\$89.95
14420	1997-00 Corvette (D732) RE	\$69.95
14400	1968-69 Camaro (D8) JL-8 only	\$49.95
14655	1967-81 Camaro - Single Piston (D52)	\$49.95
14660	1982-92 Camaro - Single Piston (D154) ALL	\$44.95
14405	1989-97 Camaro - Dual Piston 1-LE (D412) FT	\$105.95
14410	1989-92 Camaro - 1-LE (D413) RE	\$69.95
14670	1994-97 Camaro (D623) FT	\$49.95
14410	1994-97 Camaro (D413) RE	\$62.95
14700	1998-02 Camaro FT	\$63.95
14710	1998-02 Camaro RE	\$56.95

**HP PLUS** - High Performance Street material PLUS race worthy. Very high torque and rotor

friendly for the serious street driver. Can also be used for club events or schools.

14401 1965-82 Corvette - Single Pin (D8) \$69.

14442 1984-87 Corvette (D294) FT \$64. \$60.05 \$64.95 14406 1988-96 Corvette (D412) FT \$109.95 1988-96 Corvette (D412) F1
1988-96 Corvette (D413) RE
1997-00 Corvette (D731) FT
1997-00 Corvette (D732) RE
1968-69 Camaro (D8) JL-8 only
1967-81 Camaro - Single Piston (D52) FT
1982-92 Camaro - Single Piston (D154) ALL \$89.95 14416 \$119.95 \$89.95 14421 14401 \$69.95 14656 \$49.95 14661 \$49.95 14406 1989-92 Camaro - Dual Piston 1-LE (D412) FT \$129.95 1989-97 Camaro - 1-LE (D413) RE 1994-97 Camaro (D623) FT 14411 14671 \$89.95 \$69.95 1994-97 Camaro (D413) RE \$89.95 14411 1998-02 Camaro (D749) FT 14702 \$96.95 1998-02 Camaro (D750) RE \$74.95

**BLUE9012** - Medium/High torque brake compound. A reliable performer with a wide temperature range. Low pad and rotor wear rate with good modulation characteristics. Recommended for

Road Raci	ing and Rally applications where low to mid temperature effectiv	eness is criti
11406	Dual-Pin (Racing Only)	\$169.95
14402	1965-82 Corvette - Single Pin (D8)	\$129.95
14407	1988-96 Corvette (D412) FT	\$169.95
14412	1988-96 Corvette (D413) RE	\$119.95
14417	1997-00 Corvette (D731) FT	\$169.95
14422	1997-00 Corvette (D732) RE	\$119.95
14402	1968-69 Camaro (D8) JL-8 only	\$159.95
14657	1967-81 Camaro - Single Piston (D52) FT	\$94.95
14662	1982-92 Camaro - Single Piston (D154) ALL	\$79.95
14407	1989-97 Camaro - Dual Piston 1-LE (D412) FT	\$169.95
14412	1989-92 Camaro - 1-LE (D413) RE	\$119.95
14672	1994-00 Camaro (D623) FT	\$169.95
14412	1994-00 Camaro (D413) RE	\$119.95

# From Street to Xtreme!





**BRAKE PAD INSTALLATION TOOL** 11423 1965-82 (Pr) \$4.95





#### XTREME THERMODURIC 2 PIECE FRONT ROTORS

As the leader in Brake Rotor Technology, VBP again sets the standard for the C-5 with a unique 2 piece stock replacement Rotor. At 2.66 pounds lighter, Deep thermal cycled stability and VBP's unique double milled cleaning slots make these Rotors the most technically advanced Brake Rotors available.

- 2.66 lbs lighter for quicker acceleration performance
- 5 special double-ball milled cleaning vents provide maximum gas relief, adds <u>maximum</u> pad to rotor surface contact
- Xtreme deep Cryogenic cycling to –300°F stabilizes the metal's molecular structure for extreme demand use
- Higher resistance to heat warpage and cracking

- Extended Rotor life with greater brake co-efficiency of friction
  Provides crisper braking control in wet or under extreme braking conditions
  Made from North American steel offering less rust oxidation than import steel
  Rotor Hats are precision CNC machined T-6 and hard anodized for durability

• Fasteners are A.N. top quality 97010S Corvette 1997-04 (13" right front) 97012S Corvette 1997-04 (13" left front) \$399.95 \$399.95



### **SPORT ROTORS - FRONT**

Sport Rotors have the same features as our newest ThermoDuric Rotors above, except they are one piece and weigh 2 66 lbs' more

CACCPC CITCY	are one piece and weight 2.00 lbs more.	
117015	Corvette 1965-82 (right front)	\$109.95
117035	Corvette 1965-82 (left front)	\$109.95
844015	Corvette 1984-87 (right front)	\$119.95
844115	Corvette 1984-87 (left front)	\$119.95
880105	Corvette 1988-96 (12" right front)	\$119.95
880115	Corvette 1988-96 (12" left front)	\$119.95
880015	Corvette 1988-96 (13" right front)	\$129.95
880025	Corvette 1988-96 (13" left front)	\$129.95
970005	Corvette 1997-04 (left front)	\$119.95
970015	Corvette 1997-04 (right front)	\$119.95



# REPLACEMENT ROTORS - FRONT (Not pictured)

IILI LML	(Not pictured)	
11703	Corvette 1965-82	\$59.95
84401	Corvette 1984-87 (12")	\$69.95
88010	Corvette 1988-96 (12")	\$69.95
88001	Corvette 1988-96 (13" left)	\$89.95
88002	Corvette 1988-96 (13" right)	\$89.95
97000	Corvette 1997-04 (left)	\$69.95
97001	Corvette 1997-04 (right)	\$69.95

# COURT RUTURS - REAR

וווט וט	IIU I UIIU - IILAII	
117025	Corvette 1965-82 (right rear)	\$109.95
117045	Corvette 1965-82 (left rear)	\$109.95
844025	Corvette 1984-87 (right rear)	\$119.95
844125	Corvette 1984-87 (left rear)	\$119.95
880005	Corvette 1988-96 (right rear)	\$129.95
880035	Corvette 1988-96 (left rear)	\$129.95
970025	Corvette 1997-04 (left rear)	\$129.95
970035	Corvette 1997-04 (right rear)	\$129.95

### **REPLACEMENT ROTORS - REAR** (Not pictured)

11704	Corvette 1965-82	\$59.95
84402	Corvette 1984-87	\$69.95
88000	Corvette 1988-96	\$69.95
97002	Corvette 1997-04 (left)	\$69.95
97003	Corvette 1997-04 (right)	\$69.95



#### SPORT ALUMINUM HUB WITH ROTOR ASSEMBLIES - FRONT

Hubs are precision machined from 6061 aircraft aluminum, then matched to Sport Rotors and assembled with #10 racing wheel studs.

13751 <mark>5</mark>	Corvette 1969-82 (7/16" studs)	\$299.95
13752 <mark>5</mark>	Corvette 1969-82 (1/2" studs)	\$299.95
13758 <mark>5</mark>	Corvette 1969-82 (Rplc. Rotor Rim)	\$189.95

### **ALUMINUM HUB WITH ROTOR ASSEMBLIES - FRONT**

Precision machined from 6061 aircraft aluminum, these hubs are matched to

heavy duty vented rotors and assembled with #10 racing wheel studs.
13751 Corvette 1969-82 (7/16" studs) \$269.95
13752 Corvette 1969-82 (1/2" studs) \$269.95 Corvette 1969-82 (Rplc. Rotor) 13758 \$89.95







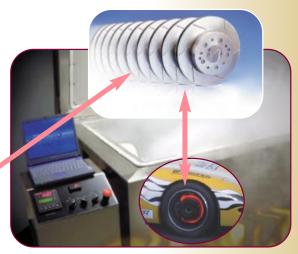


# THERMAL CYCLED ROTORS - EXTENDS SERVICE - ADDS MAX DURABILTY.

# "XTREME" THERMAL CYCLING ADDS HUGE PERFORMANCE GAINS/3X SERVICE.

BRAKE ROTORS AND HUNDREDS OF OTHER COMPONENTS/HARDWARE FROM VBP CAN BE TREATED, AT <u>YOUR OPTION</u>. THEY'LL LAST MUCH, MUCH LONGER AND ARE IDEAL FOR XTREME OFF-ROAD DEMANDS.

ASA first used Thermal Cycling in research programs to enhance longevity of components exposed to extreme environmental temperatures. During this XTREME COLD/HOT process, metallurgical characteristics improve dramatically, as the metal molecules align and stabilize. Major companies like, Ford Motors, Australia's BHP, Joe Gibb's Racing and Marcus Racing, just to name a few, have found real value in this process when applied to products and tooling. VBP (Vette Brakes & Products) offers this process when requested, to add maximum life and performance benefits to all VBP metal component products. VBP Thermal Cycled Brake Rotors, for example, Survive XTREME temperatures, Are crack and warp resistant, Last nearly 3 times as long, Brake performance efficiency increases about 20%, DNF's at competition events due to Brake failures are gone, and best of all, they're <u>SAVING CUSTOMERS MONEY</u> with their "3X" longer service life. Why not add these PERFORMANCE BENEFITS to any of our products for maximum value of your purchases . . . <u>IT'S YOUR CHOICE</u>.





### SPORT ROTOR COMBO-KIT • THERMAL CYCLED • INCLUDES HPS HAWK PADS

VBP <u>ADVANCED</u> Sport Rotor Kit Features: •Double ball milled cleaning slots •Thermal Cycled for longevity and maximum performance •Cooling vents and •Complete set of High Performance Hawk Brake Pads. This is our <u>NEWEST BRAKE KIT COMBO</u> and has become a <u>HOT SELLER</u> since we introduced it on the Web. Remember, buying "Combo-Kits" saves \$\$\$

11700S Corvette 1965-82 Car Set (4) w/Pads

\$479.95

#### **ROTOR COMBO-KIT - INCLUDES HP ORGANIC PADS**

VBP Rotor Kit Features: Cooling vents and complete set of organic replacement pads. This <u>NEW</u> Brake "Combo-Kit" saves you money and has been <u>POPULAR</u> as well since we introduced it on the Web.

11700 Corvette 1965-82 Car Set (4) w/Pads

\$249.95









### \*IMPORTANT CORE CHARGE INFORMATION

EXCHANGE ONLY. If you are unable to send us your rebuildable Power Booster/Master Cylinder at the time of purchase, you must add a \$60 refundable core charge to prices. Core refunds are issued only to the original purchaser and are processed on a first come, first serve basis. Please allow 4 to 8 weeks for all core refunds.





#### STAINLESS STEEL PARKING BRAKE KIT AND COMPONENTS Eliminate parking brake failures. Save when you buy complete kit. Includes: Stainless Steel hardware, Stainless Steel front/rear cables and Clips, Steel parking brake shoes and Instructions.

Note: Kit components are also available separately in SS or OEM as listed.

11667	1965-66 Corvette, All SS Complete Kit	\$303.95
11669	1967-82 Corvette, All SS Complete Kit	\$298.95
11658	1965-66 Corvette, Premium SS Kit (W/OEM Shoes)	\$236.95
11665	1967-82 Corvette, Premium SS Kit (W/OEM Shoes)	\$239.95
11662	1965-82 Corvette, SS Shoes (set)	\$98.95
11659	1965-66 Corvette, SS Front Cables/Clips	\$61.95
11663	1967-82 Corvette, SS Front Cables/Clips	\$59.95
11664	1965-82 Corvette, SS Rear Cables/Clips	\$109.95
11671	1965-66 Corvette, OEM Complete Kit (W/SS Hardware Kit)	\$136.95
11670	1967-82 Corvette, OEM Complete Kit (W/SS Hardware Kit)	\$125.95
11668	1965-82 Corvette, OEM Shoes (set)	\$35.95
84662	1984-87 Corvette, OEM Shoes (set)	\$99.95
11672	1965-66 Corvette, OEM Front Cables/Clips	\$31.95
11673	1967-82 Corvette, OEM Front Cables/Clips	\$20.95
11674	1965-82 Corvette, OEM Rear Cables/Clips	\$24.95
11661	1965-82 SS Hardware Kit	\$48.95

MASTER CYLINDERS (NEW, no exchange) All master cylinders are high quality domestic units and carry factory Limited Lifetime Warranties.

1960-62, Single Reservoir	\$162.95
1963-64, Single Reservoir	\$111.95
1965-66, Single Reservoir	\$109.95
1967-76 Manual System	\$79.95
1965-76 Power System	\$82.95
1977-82 Power System	\$79.95
1986-87 Power System	\$249.95
	1963-64, Single Reservoir 1965-66, Single Reservoir 1967-76 Manual System 1965-76 Power System 1977-82 Power System

BRAKE BIAS SPRING UPGRADE - RACING (Not Pictured) This spring is designed for extreme use to control rear bias.

To the entre use to content the blast	
10-100 C4 W/ABS	\$16.95
10-101 C4 w/o ABS	\$16.95
10-102 C5 1997-03	\$16.95

POWER BOOSTER/MASTER CYLINDER COMBOS (Rebuilt) The VBP rebuilt master cylinder and vacuum booster will renew your old brake system. Each unit is pressure tested and guaranteed. Specify drum and disc brake combination when ordering.\* Core charge \$60.

when ordering. Core charge 200.	
11750 1968-82	\$169.95
88050 1984	\$439.95
88052 1985	\$439.95
88054 1986-87	\$349.95
88056 1988-89	\$379.95

#### **OEM BRAKE RETAINING PAD PINS**

11631	1963-82 Single Pad Pin	\$.99
11634	1963-82 Set of 4 Pad Pins	\$3.95
88022	1988- Plus Single Pin H.D. Front	\$3.65
88023	1988- Plus Single Pin Non-H.D. Front	\$3.35
88027	1984-96 Rear Caliper Pin & Bolt Kit	\$21.96
88028	1984-96 Rear Caliper Pin Boot Kit	\$12.95
88024	1988-96 C-Clip for Pin ea.	\$.40
88025	1988-96 Anti-Rattle Front Clip (ea.)	\$1.65

### **OEM RUBBER BRAKE HOSES** DOT approved, includes C-Clips and washers.

OFIII HOD	bein blinke floor bot approved, flictudes c-clips and washers.	
11731	1963-82 Front (1)	\$9.95
11732	1963-82 Rear (1)	\$9.95
11733	1963-82 Set (4)	\$34.95
84871	1984-87 Front (1)	\$31.95
84872	1984-87 Rear (1)	\$31.95
88004	1988-92 R/F	\$29.95
88005	1988-92 L/F	\$29.95
88006	1988-92 L/R	\$29.95
88007	1988-92 R/R	\$29.95
88008	1993 Front (1)	\$49.95
88009	1993-94 Rear (1)	\$49.95
1065-82	PALIDER CORINGS AND ROLTS (not shown)	

### **1965-82 CALIPER SPRINGS AND BOLTS** (not shown)

11611	Front Springs (4)	\$3.95
11612	Rear Springs (4)	\$3.95
11603	Caliper Bolts (8)	\$8.95







# PONENTS FOR CONFIDENT STOPPING/CONTROL PERFORMANCE.

#### STAINLESS DOT APPROVED STEEL BRAIDED BRAKE HOSES

Set of (4) hoses, includes C-clips and washers. 11724 1963-82 \$89.95 1984-87 \$129.95 11725 1988-92 11726 \$129.95 11719 1993 \$129.95 11727 1994-96 \$129.95 11728 1997-04 \$139.95

#### 1965-82 TRAILING ARM BRAKE LINES

Spiral Armored - Double-flared ends - Stainless Steel or OEM Tinned Bundy Weld. R/H OEM Line \$9.95 11651 L/H OEM Line 11652 \$9.95 R/H SS Line 11653 \$14.95 11654 L/H SS Line \$14.95

#### 1965-82 STAINLESS PLUGS & BLEEDER SCREWS

11620 Bleeders (6) \$10.95 11621 One SS Bleeder \$2.40 ea. 11623 One SS Plug \$1.99 ea. Plugs (4) 11622 \$7.95

#### SPEEDBLEEDER®REPLACEMENT BLEEDER SCREWS

Makes bleeding your Corvette brakes a quick and easy one man job. 11624 1953-64 (Drum) \$14.95 pr. 1965-82 11625 \$14.95 pr. 11626 1984-87, 97-04 \$14.95 pr. 11627 1988-96 \$14.95 pr.

#### **COMPLETE BRAKE LINE KITS**

Stainless Steel or OEM Tinned Bundy Weld.

Replace old, bent or corroded brake lines with our highest quality 304 corrosion proof Stainless Steel tubing or OEM Bundy weld steel lines from VBP. All kits are pre-bent to original factory specifications, have spiral armor where applicable and are also pressure tested.

• • • • • • • • • • • • • • • • • • • •				
Application	OE/	M	Stainles	s Steel
1956-62 STD	21376	\$99.95	21401	\$149.95
1963-64 STD	21377	\$99.95	21402	\$149.95
1963-64 PWR	21382	\$99.95	21403	\$149.95
1965 STD (1/4")	21387	\$99.95	21404	\$149.95
1965 PWR (3/16")	21378	\$99.95	21405	\$149.95
1965 PWR (1/4")	21392	\$129.95	21417	\$179.95
1966 PWR	21388	\$119.95	21406	\$149.95
1966 STD	21383	\$99.95	21407	\$149.95
1967 STD	21384	\$119.95	21408	\$149.95
1967-68 PWR	21384A	\$139.95	21408A	\$149.95
1968 STD	21379	\$124.95	21409	\$159.95
1967-69 J-56	21379 <b>A</b>	\$149.95	21409 <b>A</b>	\$159.95
1969 STD	21385	\$119.95	21410	\$159.95
1969 PWR	21380	\$119.95	21411	\$159.95
1970-73 STD	21386	\$119.95	21412	\$169.95
1970-73 PWR	21381	\$119.95	21413	\$169.95
1974-82 STD	21389	\$129.95	21414	\$179.95
1974-82 PWR	21390	\$129.95	21415	\$179.95

### PREMIUM DOT 3 BRAKE FLUID (Street Driving)

Dry Boiling Point 401° - Wet Boiling Point 284° 11502 DOT 3 Fluid (1-quart) \$8.95

# **HEAVY-DUTY DOT 4 BRAKE FLUID** (Advanced Street)

Dry Boiling Point 446° - Wet Boiling Point 311° 11504 DOT 4 Fluid (1-quart) \$9.95

# **XTREME-DUTY DOT 3 FORD BLUE® BRAKE FLUID**

(Advanced Street, Autocross & Race)

Dry Boiling Point 550° - Wet Boiling Point 284°

11505 DOT 4 Fluid (12 oz.)

**SILICONE BRAKE FLUID** (Repels Moisture)

Not for use with ABS brakes. Do not mix with DOT 3 type fluids.

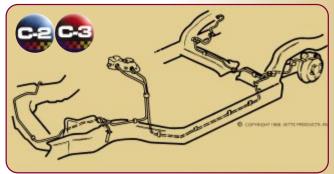
Wet Boiling Point 500°

11501 Silicone Fluid (1-quart) \$19.95

















\$6.95





#### **SELECTING THE CORRECT WHEEL ADAPTER SIZE:**

Installation of late model Corvette and Camaro wheels on many GM vehicles with VBP adapters is almost as easy as changing a tire. This simple style and performance enhancement is as practical as ever. (If your wheels have hub caps that are retained by plastic lug caps, then the 1" and up adapters will not work. There are no lug nuts available to retain hubcaps for 1/2" studs.) Here's what you'll need: The projected wheels with mounted tires, an appropriate jack, the correct socket sizes with a torque wrench, and a measuring tape/ruler. 1st - measure your stock tire to fender clearance and the vehicle to ground clearance on all four wheels. 2nd - Jack up the vehicle on either the right or left side and perform the measuring on one wheel at a time. 3rd - Position projected wheel and check fit and fender clearance after lowering vehicle to measured ground clearance. (Please take into account and compensate for any differences in your projected wheel/tire diameters and width.) 4th - Measure how much offset is needed between the projected wheel and the hub on the vehicle. (That measurement will be which size adapter you need.) (Note: take into consideration the rear measurement may be thicker than the front and/or the offset of the rims may be different front to rear.) If the adapter thickness needed is less than 1-3/4", the mounting lug nuts will protrude past the face of the adapter, thus limiting you to wheel styles with stud reliefs on the backside hub of each wheel between the stud holes. Most stock GM wheels have these reliefs where most aftermarket wheels do not. 5th - Order the adapters as measured for your application. When your shipment arrives, bolt the new VBP adapters to your stock hubs using the proper torque specs and the deep reach lug nuts included. Then install your new wheels to the adapter with proper torque specs and the acorn lug nuts provided. Be sure to check all your clearances again before driving the vehicle. It may also be necessary to check the wheel alignment settings to ensure you don't get any uneven tire wear. After test driving the new setup, you may feel the need to stiffen the suspension with a higher spring rate and/or larger stabilizer bars. Call for recommendations for your particular vehicle.

#### C-2 AND C-3 CORVETTE ADAPTER KITS FOR C-4 CORVETTE WHEELS

Install late model Corvette and Camaro wheels on many different 5-lug GM cars and trucks. VBP Adapters are CNC machined from light weight 6061-T6 aircraft grade aluminum for perfect balance and fit. You'll enjoy increased traction, handling and giving your car a great new look.

Adapters are sold in pairs and include: 2 light weight aluminum adapters, 10 racing wheel studs, 10 deep reach adapter lug nuts and washers, 10 chrome acorn wheel lug nuts and easy to follow instructions.

NOTE: Wheel adapters are designed to work with GM late model Corvette and Camaro wheels. Aftermarket wheels will not always work with these adapters. Metric & Standard hardware is available and sold separately.

#### Wheel Sizes and Adapter Styles that Fit 1968-82 Corvettes

Ft/Re	Wheel Size	Year Wheel	Offset	Adapter Style No.
Front	16 x 8-1/2"	1984-87 wheels (pr)	1.75"	13768
Front	16 x 9-1/2"	1984-87 wheels (pr)	2.00"	13769
Front	17 X 9-1/2"	1988-92 wheels (pr)	2.25"	13770
Front	17 X 9-1/2"	1993-96 wheels (pr)	2.75"	13772
Rear	16 x 8-1/2"	1984-87 wheels (pr)	1.75"	13768
Rear	16 x 9-1/2"	1984-87 wheels (pr)	2.25"	13770
Rear	17 X 9-1/2"	1988-92 wheels (pr)	2.50"	13771
Rear	17 X 9-1/2"	1993-96 wheels (pr)	3.00"	13773
Wheel Sizes and Adapter Styles that Fit 1084-87* Corvettes				

#### 1988-96 wheels (pr) 13780 Front 1988-96 wheels (pr) Rear 17 X Q-1/2 0.75 13780

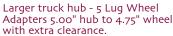
(Above adapters can also be used for 17 x 10" wheels.) Does not include acorn lug nuts for rims - use factory lugs.

NOTE: Adapters less than 1.75" work only with wheels which have stud reliefs

between each lug hole.

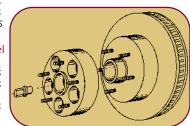
#### 5 Lug Wheel Adapters 4.75" hub to 4.75" wheel

Hub cc	7 4.73 WIICCI	
13780	0.75" Adapters (2)	\$149.95*
13766	1.25" Adapters (2)	\$149.95
13767	1.50" Adapters (2)	\$149.95
13768	1.75" Adapters (2)	\$159.95
13769	2.00" Adapters (2)	\$179.95
13770	2.25" Adapters (2)	\$179.95
13771	2.50" Adapters (2)	\$189.95
13772	2.75" Adapters (2)	\$199.95
13773	3.00" Adapters (2)	\$209.95



13810	1.00" Adapters (2)	\$149.95
13815	1.50" Adapters (2)	\$149.95
13820	2.00" Adapters (2)	\$179.95
13825	2.50" Adapters (2)	\$199.95
13830	3.00" Adapters (2)	\$219.95





### NEWI LIICHIITC

	.UUNU 1 O	
14200	Lugnut 1/2-20 Short Acorn	\$1.00 ea.
14201	12mm x 1.5 x 0.55 for 3/4 Adapter	\$1.00 ea.
14202	Lugnut M12 x 1.5 x 6mm Shank .680 (3/4)	\$1.30 ea.
14204	Lugnut M12 x 1.5 x 20mm Shank= .680 Open Head	\$1.45 ea.
14206	Lugnut M12 x 1.5 x SST Shank=.680 Open Head	\$1.95 ea.
14208	Lugnut SAE 7/16-20 x 750.Shank=.680 Open Head	\$1.45 ea.
14210	Lugnut SAE 7/16-20 x SST Shank=.680 Open Head	\$1.95 ea.
14212	Lugnut SAE 1/2-20 x 7/8 Shank= .680 Open Head	\$1.45 ea.
14214	Lugnut 1/2-20 x SST Shank= .680 Open Head	\$1.95 ea.
14216	Lugnut m14 x 1.5 x 25mm Shank= .740 (truck)	\$2.29 ea.
14218	Lugnut SAE 1/2-20 x 1" Shank = .740 (truck)	\$2.29 ea.
14220	Lugnut M14 x 1.0 Colonical Seat Male Acorn	\$3.95 ea.
14222	Lugnut M12 x 1.5 Short Acorn	\$.99 ea.
14224	Lugnut SAE 7/16-20 x 1/2" Shank = .680 Open Head	\$1.29 ea.
14230	Washer Crager Type Center Drill .68oid	\$.79 ea.
14232	Washer Crager Duplex Center Drill .740id	\$.79 ea.
14240	Wheel Stud M12 x 1.5 (3/4 adap.)	\$2.09 ea.
14242	Wheel Stud 1/2-20 x 2" Long (1 1/4"- 2"adap.)	\$1.99 ea.
14244	Wheel Stud 1/2-20 x 3"Long (2 1/4"-3"adap.)	\$2.29 ea.









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### **TAP AND DIE SUSPENSION SET**

Save time and money by reusing those commonly rusted and damaged threads on suspension parts and fasteners. For use in over 30 applications, the 6-piece set comes with those "hard to get" sizes. Contains 4 NF dies: 3/4", 5/8", 1/2", 7/16", 2 thread-chasers: 9/16"x 12, 7/16"x 20.

51604 \$24.95



Corvette rear wheel bearings should be lubricated every 24,000 to 30,000 miles. With the Rear Bearing Greaser, the job can be accomplished without completely disassembling the rear wheel bearings.

51607 \$19.95



The Tie-Rod End Puller separates the tie-rod ends from their attachment points easily and safely. Heat treated steel and zinc plated. (21/32" jaw. lbs)

\$21.95 51602



Pickle fork is an easy and safe tool for removal of ball joint from spindle.

51601 \$39.95

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A required safety tool during installation and removal of coil springs. The internal type, it does not interfere with coil spring towers or other suspension and frame components.

51606 \$69.95

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Makes installing and adjusting parking brake components a cinch!

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1953-96 Corvettes \$19.95

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1963-82 Corvettes 28500 \$22.95 28280 1967-81 Camaros \$22.95 28282 1982-92 Camaros \$22.95 1993-98 Camaros 28284 \$22.95



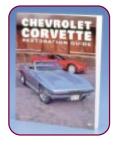








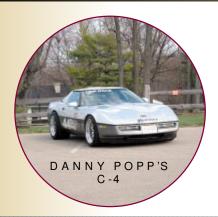








# **ALIGNMENT SPECIFICATIONS**



Below is a brief description of each alignment application. These are not the stock or recommended specifications from the factory. These specs have been derived from hands-on tests and input from professional drivers and chassis engineers.

Always take your car to a qualified alignment company with 4-wheel computerized equipment. Be sure the company is willing to align your car to non-stock specs and always get a before and after printout of your car's alignment specifications.

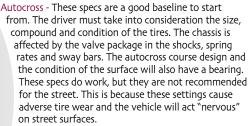
You should also consider driver, fuel and cargo weights when the vehicle is aligned. Please note that these specs are symmetrical. For example, when we recommend 1/8" toe-in, that would indicate 1/16" toe-in on each front wheel for a total of 1/8". Call our product information line for assistance with special alignments.

Street - These specs are designed to minimize tire wear and dynamic forces on front-end parts. Driver effort is minimum; the vehicle will steer very "light" and may wander or be "darty" on roads with wear ruts. If the driver is uncomfortable with this feeling, you can toe the front wheels in. Do not go beyond 1/8" total toe-in.

Advanced Street - These specs are designed to give an even quicker steering response with minimum tire wear. As we mentioned above if the vehicle is "darty", especially under braking, then toe the vehicle in.

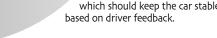
By toeing in, you may lose some turn-in qualities gained by

By toeing in, you may lose some turn-in qualities gained by the initial specs. The driver must feel comfortable with the feedback from the car so be sure to adjust accordingly.



Track - These specs are by far just a baseline. Those of you who race know alignment specifications will change based upon weather, track and unique setup. These specs can also change on each corner of the car and from driver to driver. When you prepare your Corvette for a weekend event, you may want to discuss your alignment setup with someone familiar with you, your car and the track. We have tried to provide a good baseline, which should keep the car stable at speed and allow fine-tuning sed on driver feedback.

#### CORVETTE Daily Advanced Autocross Track Street Street Baseline Baseline Front 63-82 3/16" out 1/32" in 0-1/16" out Toe 0" 1/4° neg Camber oo neg 1 1/2-2.º neg 1-2° neg 2 3/4° pos Caster 2 3/4° pos 2 3/4° pos 2 3/4° pos 4 3/4° pos (w/offset a-arms) 4 3/4° pos 4-4 3/4° pos 4-4 3/4° pos Rear 63-82 1/8" in 1/8" in 1/16" in 1/8" in Toe Camber 3/4-1 1/2° neq 3/4-1 1/2° neg o° neg 1/2° neq Front 84-96 Toe 1/32" in 3/16" out 0-1/16" out Camber o° neg 1/4° neg 1 1/2-3° neg 1-3° neg Caster 4-5° pos 4-7° pos 5-7° pos 5-7° DOS Rear 84-96 1/8" in 1/8" in 1/16" in 1/8" in Toe Camber 3/4-2 1/2° neg 3/4-2 1/2° neg 1/2° ned Front 97-04 o"-1/32" in 1/8" out-1/16" in 1/8" out-1/32" in Toe 1/32" in Camber 1/2° neg 1/2° neg 1/4° neg 6-7° pos 4-6° pos Caster 6-7° pos 4-6° pos Rear 97-04 1/8" in Toe 1/16" in 1/8"-1/4" in 1/8"-1/4" in 1/2° neg Camber 1/4-2° neq 3/4-1 1/2° neg

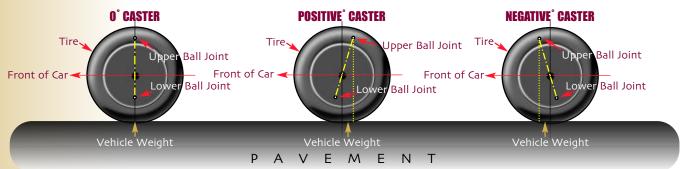


# CASTER - POSITIVE & NEGATIVE EFFECTS

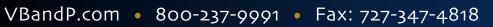
Neutral-steer

Over-steer

Jnder-stee



43











# FOR HANDLING: STREET - ADVANCED - AUTOCROSS AND TRACK.

**A** good handling car can mean different things to different owners. Oval track racers are concerned with cornering while drag racers are concerned with the vehicle's attitude on acceleration and braking. A good handling car should perform well in acceleration, braking and cornering while maintaining a good ride.

Acceleration - How well does your vehicle react under full throttle acceleration? Does the front end lift or the rear end squat? If so, the rear spring rate may not be stiff enough to control the transferred torque. Does the car pull to the left or right? That could indicate a rear wheel alignment problem.

Braking - Does your vehicle's front end dive under hard or under emergency braking conditions? Do the rear wheels lock up in panic situations? This is a common problem in most cars and it is called brake dive. Trying to quickly stop a 3500-pound car can pitch the weight forward causing unbalanced weight distribution. This can be corrected with higher rate or stiffer front spring and/or an addition of an adjustable brake-proportioning valve.

Cornering - Possibly the most important aspect of overall handling. At an oval track or autocross event, cornering ability often wins or loses the race. On the street it can save your life! Controlling body roll is the key to good cornering. As a vehicle corners, its' weight distribution is pitched to the outside of the turn. This causes the body to roll and pull the tires away from their ideal position – perpendicular to the pavement.

Over-steer/Under-steer - These are conditions caused by unequal body roll during cornering. If the rear of the vehicle slides out of the corner first, it is called over-steer. The rear tires are not carrying the same weight distribution as the front. The opposite of this condition is called under-steer. The front tires are carrying a smaller balance of weight and the front end tends to push or plow out of the turn.

Neutral-Steer - This is the ideal balance of weight on a vehicle's suspension during cornering. Both the front and rear tires are running at the same angle to the road. Neither the front nor rear end will slide out. This is accomplished by BALANCED front and rear anti-sway bars. These bars limit body roll to keep tires perpendicular to the pavement for maximum traction. Most front engined cars are heavier in the front than in the rear, so the size of their anti-sway bars should be proportionally balanced with this in mind.

Wheels and Tires - Proper wheel and tire size are very important for good handling. Twenty years ago, most cars came equipped with narrow tires with tall sidewalls mounted on small diameter 14-inch wheels. These gave a long, narrow footprint and the amount of tire contact with the pavement was relatively small. The tall sidewall would flex excessively and try to roll off the wheel under hard cornering situations. Today, low profile tires with very short, stiff sidewalls mounted on 16, 17 or 18 inch wheels are the norm. These have a much wider footprint and the shorter sidewall will not roll off the wheel while cornering.







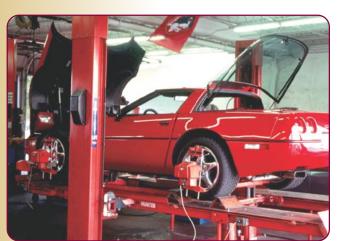


# ADD A TOUCH OF GOLD...



# TROUBLESHOOTING







#### Alignment problems?

Check ball joints, tie-rod ends, idler arm and control arm bushings. Replace any worn items.

#### Car will not stay aligned?

Check or replace tie-rod sleeves and control arm bushings.

#### Rear will not align?

Replace rear strut rod bushings or assemblies. Also check or replace trailing arm alignment shims.

#### Steering pulls?

Inspect closely for leaks. Replace worn hoses, slave cylinder and valve if necessary. Always use power steering fluid, NOT transmission fluid when you service your power steering pump. The wrong fluid can cause seals to leak.

#### Steering chatters?

Check and/or replace rubber hoses. Inspect control valve and slave cylinder for leaks or damage.

#### Rumblina noise?

Check or replace wheel bearings.

#### Rear end clank?

Check differential mounting bushing or U-Joints for deterioration or looseness.

#### Car sags?

Check or replace compressed body mount cushions or springs.

#### Choppy ride/ sagging body?

Check or replace front coil or rear leaf springs. Consider upgrading from stock steel to our Composite transverse monospring systems.

#### Body roll?

Check your stabilizer bars. Install matched front & rear sway bar combo or add rear bar kit.

#### Bouncy ride?

Check for shock and spring mismatch. Check for leaking or old worn out shocks and replace with hydraulic or nitrogen gas charged ones.

#### Poor traction?

Check or replace rear shocks and install traction bar to link differential to frame.

#### Brakes stick?

If rubber hoses are twisted, they can act like a check valve allowing fluid into the caliper but not out. Check or replace rubber hoses. Also check or replace master cylinder if hoses are alright.

Check for uneven pad wear, twisted flex hoses or fluid on pads and rotors. Remember to check chassis alignment and condition of front-end parts because trouble there could easily be mistaken for a brake-pulling problem.

#### Leaking brakes?

Check and/or replace rubber flex hoses seals, and/or dust boots. Also, change brake fluid. Dirty fluid can cause leaks.

#### Soft pedal?

Bleed brakes and check for leaks. Also measure rotors for uneven runout which can cause brakes to draw air into the fluid even though there are no signs of leakage.

Front calipers are probably switched. The left on the right side and the right on the left side. This puts the bleeder screws in the wrong position and even though fluid will come out, air will cause the pedal to go to the floor.

#### Hard brake pedal?

Check engine vacuum, power booster check valve and power booster. Engine modifications often alter vacuum.

#### Brakes squeal?

Check for glaze buildup on rotors and worn pads. Remove glaze with 150 grit or finer sand paper and clean thoroughly and/or replace pads. Apply anti-squeal spray onto the back of the pads and let dry before installation.

Often, factory rear camber adjustment cams wear out or simply cannot hold rear wheels in proper alignment under hard cornering. Replace camber cams or entire assembly with stronger polyurethane adjustable strut rods or heavy duty racing rear strut rods.

#### Cracked shock towers?

These towers commonly crack where they are welded to the frame. Re-weld and install a heavy duty spreader bar kit to link these towers together.

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# CAR SHOWS – BUY DIRECT DISCOUNTS – YOUR PHOTOS AND STORIES.

# **VBP SHOW SCHEDULE - 2005**

NCRS Annual Winter Regionals Orlando, Florida

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Booth# 14, 15, 16

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Booth#?...Look for VBP.

**Bloomington Gold** 

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**Corvette at Carlisle** 

Carlisle, Pennsylvania

August 26-28, 2005

Booth# MC 407, 507- 510 Booth# BY 17, 18, 19, 20

# Look us up and share the fun at these Great Shows!

#### **OUTHER MAJOR CAR SHOWS**

Corvette Spring Expo - Knoxville, TN - April 1-3, 2005 Chevy / Vettefest Spring - Chicago, IL - March 12-13, 2005 Corvettes on the Isthmus - Madison, WI - June 9-12, 2005 Corvette Fall Expo - Knoxville, TN - October 14-16, 2005 Chevy / Vettefest Fall - Chicago, IL - November 19-20, 2005

**NOTE:** Show dates are subject to change. Call 30 days before dates listed above to confirm. If we are not attending a show in your area this year, our newest catalog will be available at the mobile catalog booths at major Corvette shows. You can also request our newest catalog at any time at VBandP.com or TOLL FREE 1-800-237-9991.





Delivery - Order 2 or more weeks before any show and we will deliver order at that show. Cores - If you live outside the Continental U.S., it's a great idea to bring all cores to the show to save on shipping. The core policy dictated in this catalog will apply at shows.

Warranty and Returns - The warranty and return policy dictated in this catalog will apply at all shows. Depending on shipping time of the returns and warranty parts from the show, it may take a little longer to send the replacement part or the credit if applicable.

**Payments** - Payments will be received in the form of credit card, check, or money order. All payments will be confirmed before we ship.

**Dealers** - Dealers will need to bring a copy of their resale certificate if not on file with VBP.

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# ADD A TOUCH OF GOLD...



# PRIDE AND PERFORMANCE..

Corvette at Carlisle Corvette Show... Carlisle, PA

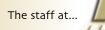
ride & Performance... These two words are the core business principles at VBP (Vette Brakes & Products, Inc.). Our 2005 Brake & Suspension Systems Catalog offers a variety of ways to enhance your Corvettes performance. The VBP unique brand of products were created to light-up your passion and fine tune your emotion to really driving. You'll discover smooth late model ride comfort, thrilling handling performance and trouble free brakes that you can trust. At the front of our catalog we've designed separate content product page guides so you can quickly locate only the products specific to your Corvette generation/year. If you have a C-3, simply follow the C-3 contents guide and the color coded C-3 buttons on each page listed. The performance

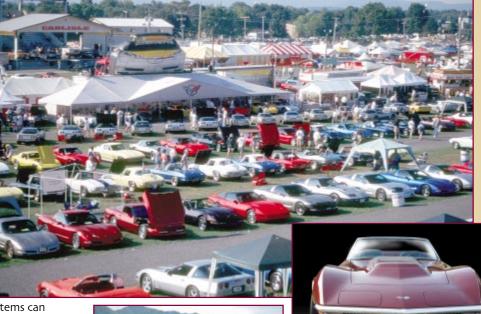
range of our Brake & Suspension Systems can enhance any driving level, from Street, to Advanced Street, to Off-road Competitions. All of our systems are engineered to bolt-on without alterations. They've become the most cost effective way to revitalize the love for your Vette as you'll drive like never before. If this is your first Corvette, the following "C" generation descriptions will help identify your Corvette. C-2 (1963-67), C-3 (1968-1982), C-4 (1984-1996) and C-5 (1997-2004). Confidence in

our products, is proven every day as they are subjected to Xtreme demands by a some of the best Corvette racing teams/enthusiasts in the world. Reliability is found to be second to none and they are trusted to perform and not fail.

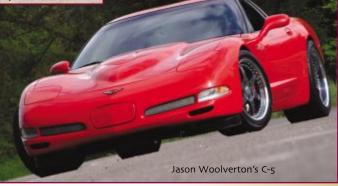
Excellent customer service and technical support teams are at your service. They look forward to developing a trusting relationship with you and your specific needs. Since 1977 we at VBP have enjoyed sharing our enthusiasm and keen knowledge of our performance enhancement products. We take PRIDE in caring for our customers and make sure that they are 100% satisfied with the PERFORMANCE of our products.

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Donald Delmar's Outstanding '70

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# TO ENHANCE YOUR PERSONAL RIDE AND PERFORMANCE STYLE.

VBP – Vette Brakes & Products, Inc., began operations in St. Petersburg, Florida in April of 1977. Today, the company has grown into one of the largest aftermarket brake, suspension and steering companies in the industry. Each decade has seen the company produce leading edge automotive and industrial components that improve upon the original manufacturer's products. **VBP** specializes in enhancing the performance of GM products such as the Corvette, Camaro and Firebird.

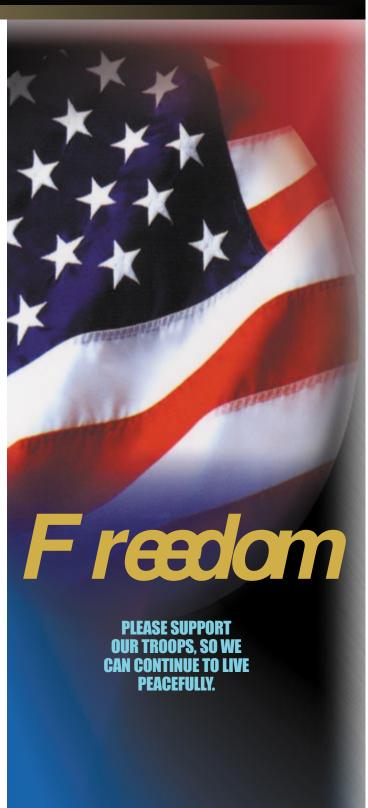
**VBP** is constantly exploring new markets that can utilize their impressive selection of products. These new arenas include a broadened scope of foreign and domestic performance car applications as well as specialized products for industrial, commercial, and military uses. The company has introduced many innovative performance and safety related components for their customers and for many industries.

In the seventies, the unveiling of **VBP** 's patented stainless steel brake systems for the C-3 Corvette helped provide the company with impressive growth. **VBP** also earned a reputation for building quality products and providing excellent customer service.

In the eighties, **VBP** introduced their composite spring technology for the Corvette, Camaro and Firebird. The composite springs became an instant success and continue to be among the best selling products today.

During the nineties, many new components were introduced to expand the product line. Some of those components included specialized applications for law enforcement, freight carriers and other commercial, industrial and military uses.

Today, **VBP** obtains valuable research & development data from sources such as E-Systems/NASA, law enforcement agencies and several of today's top showroom stock Corvette race teams. These teams extensively utilize springs, steering, bushings, suspension and chassis components that have been developed by **VBP**. They routinely set the fastest times and bring home the checkered flag for the Corvette. The results of this real time racing development, quickly find their way into the **VBP** extensive line of automotive products. You as our customer, can enjoy these proven performance benefits, with a winning performance at any driving level.







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\$301	\$400	add	\$26.25
\$401	\$500	add	\$30.00
\$501	\$600	add	\$33.75
\$601	\$700	add	\$37.50
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INTERNATIONAL ORDERS: Are NOT REFUNDABLE OR RETURNABLE. Must be prepaid in full in US dollars. International orders must have written confirmation.

SALES TAX: Florida and Pennsylvania customers must include sales tax.

SHIPPING: Orders ship via United Parcel Service (UPS) Ground Service (6-10 days). Call for quotes on faster services. We do not ship to P.O. Boxes.

CORE CHARGES: Required if you cannot send us cores in advance. We DO NOT pay freight on inbound or outbound cores.



CORE REFUNDS: Allow 30-60 days for core refund processing. Return cores with Core Return Tag. We are not responsible for pads, pins, lines, etc. sent in with cores.

GIFT CERTIFICATES: May be ordered by mail or telephone in these amounts: \$25, \$50, \$100, \$500, and \$1000.

PRICING: Subject to change without notice.

DEALERS: Any automotive related business can request a Jobber Dealer Price Sheet. FAX or mail us a copy of your current State Tax Certificate and Business License.



RETURNS: Buy with confidence. All items returned within 30 days in the original packaging and not damaged, will receive a full refund\* of the product price, no questions asked. (\*Does not include the freight.)

All returned roducts MUST have a Return Authorization Number (RA) marked clearly on the package to receive a refund or exchange. Call our Customer Service Department at 727-345-5292, during normal business hours, to receive an RA number.

Items returned after 30 days may be subject to a 20% restocking fee. Items that are not in resaleable condition may not qualify for a refund or exchange. Always include a copy of your receipt. Failure to provide a sales receipt may result in a \$30 records research fee.

WARRANTY RETURNS: Defective items will be repaired or replaced per our warranty or factory warranty. See warranty on this page for details.

NOTICE: References to "OEM" are for the sole purpose of identifying products that are similar to, or can be used in place of, those that the vehicle was originally equipped with and not intended to suggest or imply that they were produced by the vehicles manufacturer.



KITS: Components packaged as kits are at a discounted price. Changing the component choice of these kits will change the kit price. The extra handling involved may reduce or eliminate any discount offered on the individual components that make up the revised kit of your choosing.

#### WARRANTY:

VBP warranties the following items to be free from defects in materials and workmanship to the original purchaser for the terms listed below. These warranties DO NOT COVER: overseas shipments, any type of racing application, misuse or abuse, repairs, normal wear, shipping or storage costs, property damage, personal injury, diagnostic charges, towing charges or any associated expenses whatsoever. At our discretion, these warranties are for the REPAIR OR REPLACEMENT OF THE DEFECTIVE PART ONLY. Important: It is the customer's responsibility to provide proof of purchase (sales receipt) for any warranty transaction. Limited Warranties will be pro-rated and based on various conditions.

#### Sucpension

Suspension	
Shock Absorbers	Lifetime
Springs - Steel Coil	One year
Springs - Steel Leaf	One year
Springs - Composite	Five years
Spring Hardware	Lifetime

Chassis Parts	
Anti-Sway Bars and Hardware	Lifetime
Ball Joints, Tie Rod Ends	Lifetime
Bushings (rubber or poly)	Lifetime
Center Link	Lifetime
Control Arms	Lifetime
Idler Arm, Pitman Arm	Lifetime
Strut Rods (except racing)	Lifetime
Trailing Arms	Five year
HD Rear End Covers	One year

Brakes	
Brake Hoses (rubber and SS)	One year
Vette Brakes SS calipers	Lifetime
Master Cylinders (new)	Lifetime
Power Boosters (new)	Lifetime
Stainless Steel Brake Lines	Lifetime
Steel Brake Lines	One year
Parking Brake Kits and Cables	One year

Power Steering	
Rebuilt Control Valves	Five year
Rebuilt Steering Cylinders	Five year
New Control Valve	90 days
New Steering Cylinder	90 days
Power Steering Component Kits	Five year
Power Steering Conversion Kits	One year
All other Power Steering Parts	One year

### Technical Assistance:

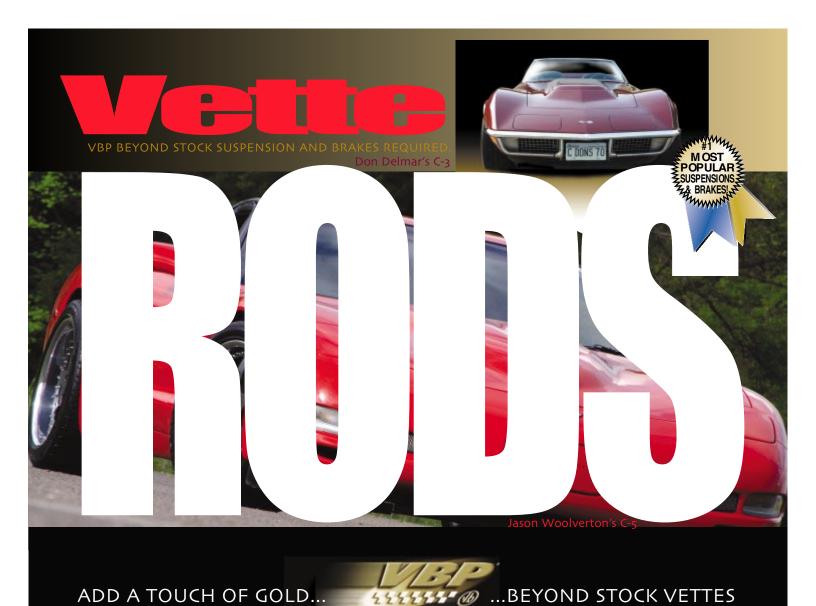
For your convenience, technical assistance for all of our products is available Monday thru Friday, 9:00 a.m. to 4:00 p.m. EST. The toll free number is for ordering only! Please call us at (727) 345-5292 for technical assistance or E-mail us at VBandP.com. Be sure to check out our Web Site for special savings on: Selected VBP Products, Technical notes to assist you with commonly asked questions and Instructions on how to install many of our products.

The owners and employees of VBP are very pleased to build top quality, Beyond Stock products to fit your unique passion, to REALLY DRIVE. They're designed and engineered to add remarkable enhanced performance to your ride. They're durable and styled to complement your Vette. Comments on how we might improve our products and services are always welcome. Your ideas are very important to our continued development of new products. So please, call and tell us what your special performance needs are. Your 100% satisfaction is what we're all about. Your friendship....GOLDEN!

Thank You!







VETTE BRAKES & PRODUCTS, INC. 7490 30th Avenue North, St. Petersburg, FL 33710 • VBandP.com • 800-237-9991 • Fax: 727-347-4818

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