

# Arnott

Air Suspension Products

HARLEY-DAVIDSON®  
BOSS HOSS®  
HONDA®  
KAWASAKI®  
SUZUKI®  
TRIUMPH®  
YAMAHA®



2012 | MOTORCYCLE AIR SUSPENSION PRODUCT LINE  
DESIGNING AND MANUFACTURING AIR SUSPENSION SYSTEMS FOR OVER 20 YEARS!

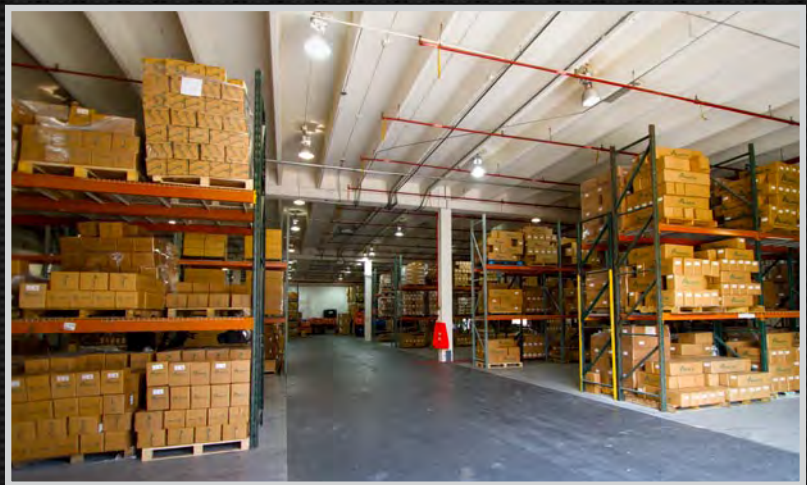
# COMPANY HISTORY

Arnott Inc is located on the Space Coast of Florida in Merritt Island, just minutes away from the world-renown Kennedy Space Center and just over an hour south of Daytona Beach.

For over 20 years the Arnott Family has been the industry leader in manufacturing quality after-market air suspension products and accessories by bringing new and innovative products to the market that meet and exceed the quality of the original equipment.

Our family is proud to announce the grand opening of our brand new 200,000 square foot manufacturing plant located in Merritt Island, Florida. The new facility is on a 14-acre campus and includes a brand new 30,000 sq ft research & development center and a significantly expanded machining facility - all designed to continuously produce only the highest quality products that meet the rigorous standards to which you have grown accustomed from the Arnott Family.

Our machining facility includes a 4000-watt 6-axis laser and Mazak Integrex series CNC machinery. The Integrex series offers the most advanced and sophisticated 5-axis CNC machine on the market, and is an integral part of our fleet. This impressive, fully robotic machine eliminates multiple setups, improving and ensuring part integrity and efficiency. The expansion and the addition of our sophisticated new machine facility has enabled us to not only increase our productivity, but also increase our total quality control standards.



Our culture of quality and intense commitment to customer satisfaction has enabled us to expand into the global corporation we are today. Our comprehensive warranty policy has earned the trust and confidence of our customers and secured us a proud reputation as an industry leading manufacturer of after-market air suspension products.

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## OUR MISSION

At Arnett, our first priority is customer satisfaction. We believe in providing quality air suspension products to our valued customers, offering comprehensive warranties, and world-class customer service and technical support. As a world-wide leading authority in air suspension products and accessories, we remain grounded by the dedication and integrity of our founders: tirelessly working to improve our products while delivering unprecedented support, service, and satisfaction. That's the Arnett difference.

*The Arnett Family*

### Limited Warranty for Arnett Products

Arnett warrants its products will be free from defects in workmanship and materials for a period of five (5) years from the date of purchase. In the event of workmanship or material defect(s), Arnett will repair or replace the defective product at its discretion, provided it is within the warranty period and proof of purchase is available. The warranty is non-transferable. Improper use or installation, or any other service charges associated with replacement, do not qualify.

**Contact Arnett for details at:  
1-800-251-8993.**

## ADJUSTABLE ALDAN SERIES



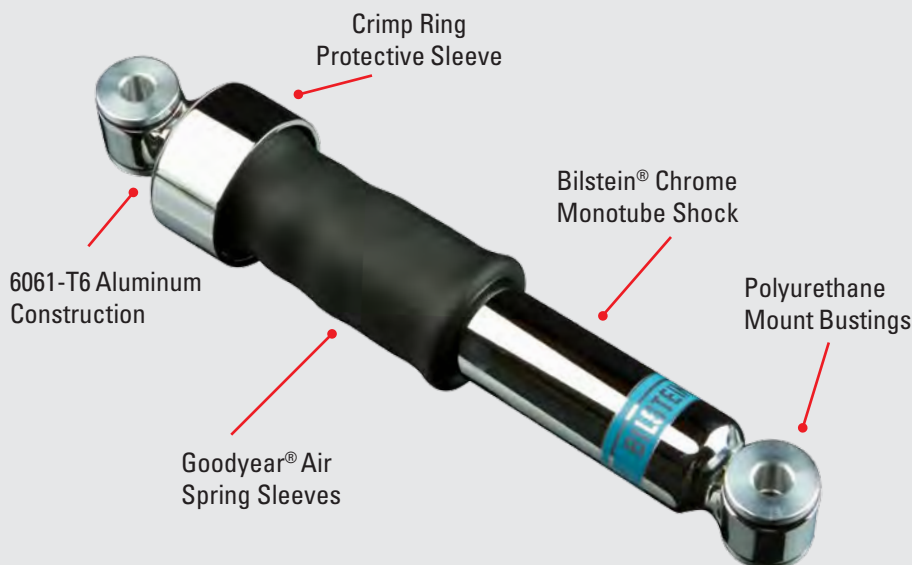
### Features

- 11 Position Adjustable
- Custom Shock Valving
- Concealed Air Spring
- Available in Black & Chrome
- Improves Ride Quality
- Made in USA

The adjustable Aldan Series shocks feature concealed Goodyear® springs, outer aluminum protective sleeves, and an 11-position adjustable valve. These shocks are available in black anodize or chrome, and come with a five-year warranty.

Our engineers have outlined the two variations of outboard-mounted shocks available from Arnett. These shocks are manufactured with aircraft 6061-T6 aluminum, which is CNC-machined at our facility here in the United States. They boast the biggest names in ride technology, including Bilstein® and Goodyear®, and are available in black anodize or chrome. Only Arnett can bring this kind of quality to you in the most innovative and advanced shock series in the industry.

## BILSTEIN SERIES



### Features

- Bilstein Monotube Shock
- Patented Monotube Design
- Fade-Free Dampening
- Black Anodize or Show Quality Chrome Finish
- Improves Ride Quality
- Made in USA

The chrome Bilstein® Series shocks feature a patented monotube shock and a Goodyear® air spring. Bilstein's patented valving will eliminate heat build up in the shock that can lead to unsafe driving conditions. These hand-crafted shocks are proudly made in the USA.

## CONTROL SYSTEMS

### Features

- Ideal Mounting Location
- Easy to Install
- CNC-Machined Aluminum
- Black Anodize or Chrome Finish
- Weather-Resistant Switches
- Engineered & Assembled in USA

Our handle bar mounted push button switch control is available as an option with every Harley-Davidson® suspension system, and features momentary push button controls that manage the air suspension. The left button activates the compressor to inflate the system, while the right opens the vent valve for deflation. This kit is pre-wired and easy to install, and comes in black anodize or chrome finish.



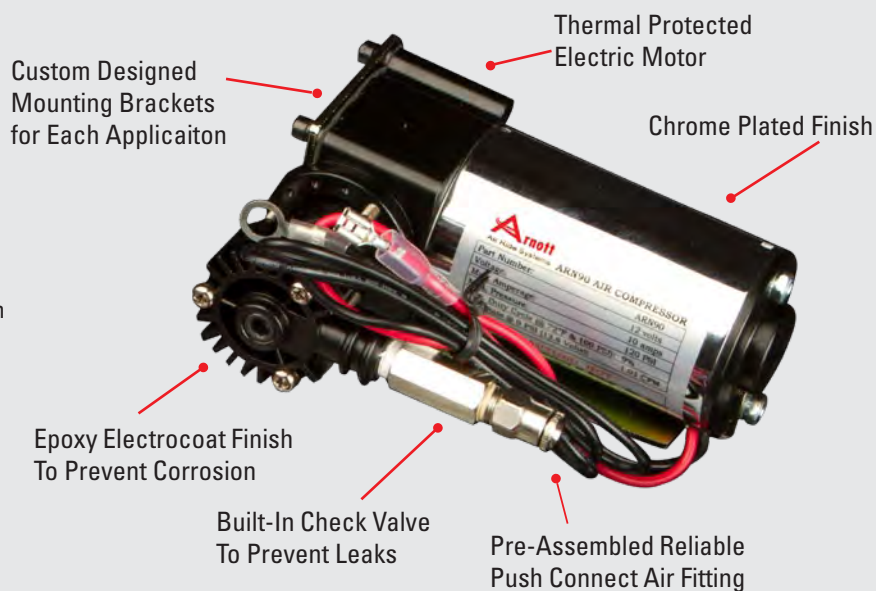
There are different options for controlling inflation of your air ride system. All the control systems include onboard compressors, and are easy to install. These controls are user-friendly, and incorporate features available in our automotive suspension product lines, using the same air suspension and lift control technology. Our control systems give you, the rider, the flexibility of setting the height of your rear suspension based on your weight, height, and preference, helping you to ensure safety through enhanced control and stability.

## AIR COMPRESSOR

### Features

- Custom Mounting Brackets
- Permanent Magnetic Motor
- 10 AMP Max. Draw
- Black Electrocoat Finish
- Chrome Motor Finish
- Weather-Resistant Design
- In line Check Valve

All of our air suspension kits come standard with a maintenance free onboard air compressor. We have designed and manufactured specific mounting brackets for each bike. Every compressor is carefully assembled and tested before leaving our factory.





## PRODUCT FAQ'S

### Q. How do you sell these great products for such a great price?

A.. The Arnott Family commitment to lower prices is truly the foundation of our business philosophy. We have established coveted business relationships with the biggest names in material, such as Goodyear, Kaiser Aluminum, and Continental to name a few. We then take those materials purchased in bulk and are able to machine them to our specifications and schematics on site, eliminating the need to outsource. Most importantly, we maintain a low overhead, and list our prices based on a set percentage, regardless of the application. Our reputation and success in this industry has allowed us to do that, and our customers reap the benefits. Just as we have learned from our 20+ years of automotive air suspension experience, and in accordance with our mission, we simply do it better for less. We have the resources, the skill, and the dedication to be the most competitive manufacturer of air suspension in the industry. We like to think of it as a gift from the Arnott Family to you.

### Q. What are the benefits of air suspension?

A. The benefits of air suspension can be explained with four areas of desired mobility: Tuning, Handling, Customization, and Load-Leveling.

**Tuning:** Whereas conventional spring and shock tuning can be arduously tedious, taking days or even weeks, tuning air suspension to your individual taste is usually reduced to a few minutes via onboard adjustability.

**Handling:** Air springs are normally progressive: as they compress, they stiffen. Coupled with onboard adjustability, setting the suspension according to specific driving conditions is quicker and faster, and thus improves the drive.

**Customization:** By adjusting air pressure and shock valving, your ride can be smooth and comfortable, firm and rigid, or somewhere in the middle. What makes air suspension unique is that one can alter the vehicle's ride performance based on his/her desired settings, all with existing components.

**Load-Leveling:** The original commercial application for air suspension was to aid in improving driver comfort for 18-wheelers while carrying heavy loads. Arnott has taken that idea and fashioned our air suspension for everyday consumers, and our products are fully adjustable based on rider height and weight.

### Q. Where are your products made?

A. Our products are engineered, manufactured, and assembled in the US, right here in our machining facility. We manufacture everything from compressor brackets and socket head cap screw covers, to complete air spring assemblies and custom suspension lift kits. From the machining center, our team of dedicated production staff painstakingly prepares and assembles the finished parts, checking and rechecking to ensure safety and quality. They are then marked and ready to ship directly to you.

### Q. Do your products come with instructions?

A. All of our parts include an Installation Manual. All manuals can be downloaded from our web site and are included with your part. Additional information is available via email at [Questions@arnottairride.com](mailto:Questions@arnottairride.com).

### Q. What is the difference between Bilstein & Aldan Shocks?

A. We have two different models of shocks. The first is the Bilstein, it offers the firmer ride of the two models. We profile the Bilstein rider; as taking shorter trips and appreciating the firm response to the road. The Bilstein comes in two sizes 12" and 13".

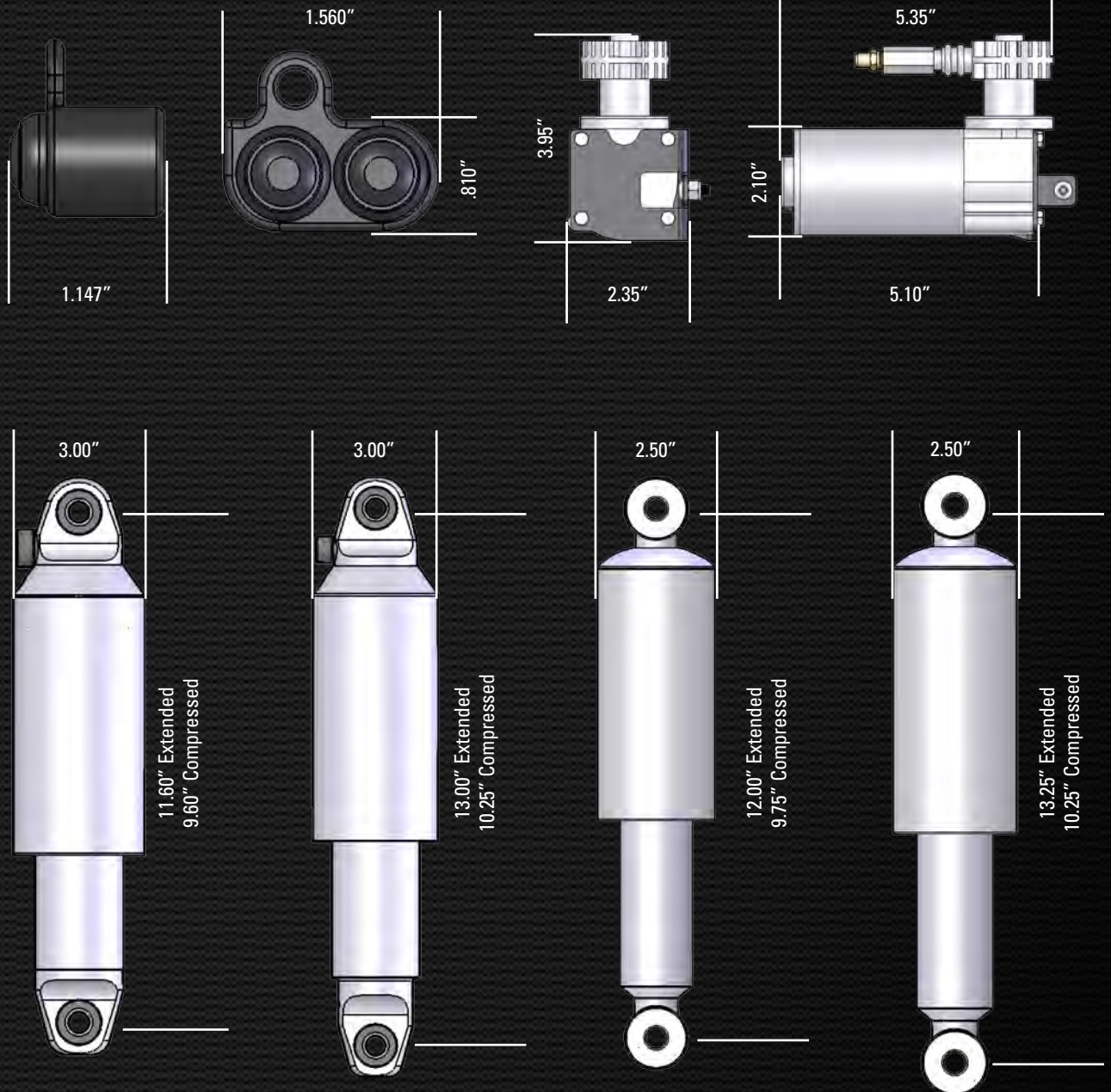
The Aldan Series is designed for long haul riders who prefer a more comfortable ride. Aldan Shocks are ideal for those who take long trips, single, or double up, and wanting to get through the end of the day not feeling worn out. One of the reasons is the 11 way adjustment on the shock which helps with rebound control. You can dial down the rebound to get a softer ride. These shocks ride similar to the stock shocks.

### Q. What types of payments do you accept?

A. We accept all major credit cards: Visa, MasterCard, American Express, and Discover. We also accept payments made through PayPal, or by mailing us a Money Order or Cashier's Check. Please call or email for details.

CALL 1-877-900-0247 FOR ADDITIONAL QUESTIONS OR TO PLACE AN ORDER

Just how big are the components in our suspension systems? Our engineers have provided an expanded view and plotted various angles of the manual inflation switch housing and the onboard air suspension compressor, and have included the dimensions of both. This allows you to make mounting decisions before purchasing the system. The shock diagrams feature the design and overall dimensions of each shock variation. Call us if you have questions - We're here to help.



ALDAN® 659 SERIES

ALDAN® 656 SERIES

BILSTEIN® SERIES

BILSTEIN® SERIES

# DYNA SERIES

Arnott salutes the original custom champs with our classy Dyna suspension system. Our engineers have fallen in love with the road-reigning cycle, and have fashioned a system with it and the rider in mind. The exposed rear shocks on this well-balanced machine are available in a black anodized or chrome finish, according to your taste and stylistic preference. Dyna riders demand performance, and our systems come fully-equipped with durable Aldan shocks with 11-point adjustability. These shocks are available in 11.6" and 13.0" maximum extension lengths to give you a variety when it comes to stance. The adjustable shocks make the Aldan system the most dynamic for your Dyna naturally! Or choose sleek Bilstein shocks, available also to dramatically improves the ride, handling, and control at a lower price.

CALL FOR INFORMATION



Size	Max	Min	Travel	Shock
ADJUSTABLE ALDAN SERIES				
11.6"	11.60"	9.60"	2.00"	21-2583**
13.0"	13.00"	10.25	2.75"	21-2555**

*\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.*

Size	Max	Min	Travel	Shock
AFFORDABLE BILSTEIN SERIES				
12"	12.00"	9.75"	2.25"	21-2712**
13"	13.25"	10.25"	3.00"	21-2783**

*\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.*

INFLATION CONTROL	
Momentary Micro Toggle Switch	Part # 20-2592
Handlebar-Mounted Push-Button Switch Control	Part # 21-2610**
Pressure Gauge and Bracket	Part # 21-2931**
Pressure Gauge and Bracket with Toggle Switch	Part # 21-2932**

*\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.*

Year	Model	11.6"	12.0"	13.0"
ADJUSTABLE ALDAN SERIES				
1991-2007*	Dyna®	9008-AS**		9008-AL**
2008-2012	Dyna®	9030-AS**		9030-AL**
BILSTEIN SERIES				
1991-2007*	Dyna®		9008-BS**	9008-BL**
2008-2012	Dyna®		9030-BS**	9030-BL**

*\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.*

Long Cans Also Available for the Bilstein Series!



## SPORTSTER® SERIES

Our Sportster® system is a favorite among owners and riders because it provides a lowering feature that virtually eliminates any issue with seat height. We felt that this feature was important, as the Sportster® is a popular model among both men and women. Its relatively smaller design demands enhanced ride comfort and control. Once again, Arnott delivers, and we are proud to offer an affordable suspension system for the Sportster®. We have several options to choose from based on your aesthetic preferences. We offer both the the Aldan adjustable shocks and affordable Bilstein shocks in black anodize or a chrome finish. Build a fun and sporty system for your Sportster with an Arnott air suspension.



# SPORTSTER® SERIES

Size	Max	Min	Travel	Shock
ADJUSTABLE ALDAN SERIES				
11.6"	11.60"	9.60"	2.00"	21-2583**
13.0"	13.00"	10.25	2.75"	21-2555**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**

Size	Max	Min	Travel	Shock
AFFORDABLE BILSTEIN SERIES				
12" Chrome	12.00"	9.75"	2.25"	21-2712**
13" Chrome	13.25"	10.25"	3.00"	21-2783**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**

INFLATION CONTROL	
Momentary Micro Toggle Switch	Part # 20-2592
Handlebar-Mounted Push-Button Switch Control	Part # 21-2610**
Pressure Gauge and Bracket	Part # 21-2931**
Pressure Gauge and Bracket with Toggle Switch	Part # 21-2932**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.  
All kits come standard with micro toggle switch 20-2592**

Year	Model	11.6"	12.0"	13.0"
ADJUSTABLE ALDAN SERIES				
1979-1999	Sportster®	9045-AS**		9045-AL**
2000-2004	Sportster®	9046-AS**		9046-AL**
2005-2008	Sportster®	9009-AS**		9009-AL**
2009-Up	Sportster®	9047-AS**		9047-AL**
BILSTEIN SERIES				
1979-1999	Sportster®		9045-BS**	9045-BL**
2000-2004	Sportster®		9046-BS**	9046-BL**
2005-2008	Sportster®		9009-BS**	9009-BL**
2009-Up	Sportster®		9047-BS**	9047-BL**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**



**Long Cans Also Available for the Bilstein Series!**

## TOURING SERIES

For those who love the open road, a comfortable ride headed out of the city and into the sunset, Arnott presents the most owner-focused system in the industry: The Touring suspension system is designed to work accordingly with its comfortable cruising and smooth handling. The Touring system is complemented with our load-leveling technology for better highway handling, and the shocks are designed for a softer, more manageable ride. Unlike your factory "air-assist" shocks, our air suspension system will allow you to raise or lower the rear shocks through the full range of the suspension's travel. This gives you, the rider, the flexibility of setting the height of your rear suspension based on your weight, height, and preference, helping you to ensure both safety and comfort through enhanced control and stability.



# TOURING SERIES

Size	Max	Min	Travel	Shock
ADJUSTABLE ALDAN SERIES				
11.6"	11.60"	9.60"	2.00"	21-2583**
13.0"	13.00"	10.25	2.75"	21-2555**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**

Size	Max	Min	Travel	Shock
AFFORDABLE BILSTEIN SERIES				
12" Chrome	12.00"	9.75"	2.25"	21-2712**
13" Chrome	13.25"	10.25"	3.00"	21-2783**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**

INFLATION CONTROL	
Momentary Micro Toggle Switch	Part # 20-2592
Handlebar-Mounted Push-Button Switch Control	Part # 21-2610**
Pressure Gauge and Bracket	Part # 21-2931**
Pressure Gauge and Bracket with Toggle Switch	Part # 21-2932**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number. All kits come standard with Micro Toggle Switch.**

Year	Model	11.6"	12.0"	13.0"
ADJUSTABLE ALDAN SERIES				
1980-2007	Touring	9010-AS**		9010-AL**
2008 (w/o ABS)	Touring	9025-AS**		9025-AL**
2008 (w/ABS)	Touring	9023-AS**		9023-AL**
2009-Up	Touring	9048-AS**		9048-AL**
BILSTEIN SERIES				
1980-2007	Touring		9010-BS**	9010-BL**
2008 (w/o ABS)	Touring		9025-BS**	9025-BL**
2008 (w/ABS)	Touring		9023-BS**	9023-BL**
2009-Up	Touring		9048-BS**	9048-BL**

**\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.**

Easy mount gauges and accessories  
available for this model!

Long Cans Also Available for the Bilstein Series!



## VRSC SERIES

The V-Rod roars onto the scene as the newest member of the Harley-Davidson family, and a must-have for the Harley sport bike enthusiast. Of course, your friends at Arnett have designed an exclusive system for the VRSC series. Designed along with Porsche the VRSC series is a favorite among riders who require a performance machine. For this system, Arnett engineers decided that only the Aldan adjustable shocks would do, and offer the 13.0" maximum extension length shocks available in black anodize or chrome finishes. Our system delivers independent tuning of the rebound dampening forces to provide optimum ride comfort and performance. With an onboard air compressor and optional handle bar mounted adjustability, you're sure to arrive in the winner's circle.



# VRSC SERIES

Max Shock Extension (eye to eye)	Compressed Shock Height (eye to eye)	Usable Shock Travel	Max Seat Height*	Min Seat Height*	Ideal Seat Ride Height*	Chrome Shock Part #	Black Shock Part #
ADJUSTABLE ALDAN SERIES - 13.0" CHROME & BLACK							
13.00"	10.87"	2.13"	27.75"	25.00"	26.25"	21-2555-C	21-2555-B

Seat height measurements taken on factory installed seat. Results may vary.  
Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.

INFLATION CONTROL	
Momentary Micro Toggle Switch	Part # 20-2592
Handlebar-Mounted Push-Button Switch Control	Part # 21-2610**
Pressure Gauge and Bracket	Part # 21-2931**
Pressure Gauge and Bracket with Toggle Switch	Part # 21-2932**

\*\*Chrome finish is represented with "-c" on the end of part number.  
All kits come standard with Micro Toggle Switch 20-2592.

Year	Model	Chrome	Black
ADJUSTABLE ALDAN SERIES			
2002-2005	V-Rod®	9002-C	9002-B
2006 (ex. Screaming Eagle®)	V-Rod®	9002-C	9002-B
2006 240 rear tire	V-Rod® Screaming Eagle®	9042-C	9042-B
2007-2012 (240 rear tire)	V-Rod®	9022-C	9022-B

Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.

## Features

- 11-Position Adjustable
- Custom Shock Valving
- Concealed Air Spring
- Available in Black & Chrome
- Improves Ride Quality
- Improves Handling
- Lowers Bike In Seconds
- Chrome or Black Spacers
- Assembled in USA





## OTHER MOTORCYCLE MODELS

In addition to our Harley-Davidson product line, Arnott also offers air suspension systems for several other motorcycle makes and models. Arnott is proud to support popular makes including Boss Hoss bikes and trikes offering complete systems for both. We also have an impressive product line for our sport bike and metric cruiser owners and enthusiasts. Like our Harley-Davidson line, our sport bike systems are designed to improve the ride and handling of your Honda, Yamaha, Kawasaki, Suzuki and Triumph.

Be sure to check our our entire product line in the Motorcycle section of our website or give us a call.

### AIR SUSPENSION KITS AVAILABLE FOR:

- BOSS HOSS® • HONDA® • KAWASAKI®
- SUZUKI® • YAMAHA® • TRIUMPH®





## OTHER MOTORCYCLE MODELS

Manufacturer	Model	Years	Part #	Shock Type
METRIC CRUSIERS				
Honda	VTX 1300cc, 1800cc	2003-2007	9001**	Bilstein Shock
Suzuki	M109 Boulevard	2006-2012	9038	QA1 adj Shock

*\*\*Chrome finish will be represented with a "-C", Black with a "-B", on the end of part number.*

Manufacturer	Model	Years	Part #	Shock Type
SPORT BIKES				
Boss Hoss	Big Block BHC-3-502	1990-2009	9031**	Aldan Shock
Boss Hoss	Small Block BHC-3	1990-2009	9027**	Aldan Shock
Boss Hoss	Super Sport BHC-3-SS	1990-2009	9032**	Aldan Shock
Boss Hoss	Trike BHC-9	1990-2009	9024-B	Aldan Shock
Kawasaki	Ninja ZX-14	2006-2009	9006-Q-C	QA1 adj chrome
Kawasaki	Ninja ZX-14	2006-2009	9006-Q-B	QA1 adj black
Suzuki	B-King	2008-2009	9006-Q-B	QA1 adj black
Suzuki	B-King	2008-2009	9006-Q-C	QA1 adj chrome
Suzuki	GSX1000	2001-2009	9006-Q-B	QA1 adj black
Suzuki	GSX1000	2001-2009	9006-Q-C	QA1 adj chrome
Suzuki	GSX600	1998-2008	9006-Q-B	QA1 adj black
Suzuki	GSX600	1998-2008	9006-Q-C	QA1 adj chrome
Suzuki	GSX750	1998-2008	9006-Q-B	QA1 adj black
Suzuki	GSX750	1998-2008	9006-Q-C	QA1 adj chrome
Suzuki	Hayabusa	1999-2009	9006-Q-B	QA1 adj black
Suzuki	Hayabusa	1999-2009	9006-Q-C	QA1 adj chrome

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## COMPLETE LINE AVAILABLE FOR: BOSS HOSS BIKES & TRIKES





# AUTOMOTIVE AIR SUSPENSION PRODUCTS

## REPLACEMENT AUTOMOBILE AIR SUSPENSION PRODUCTS

Arnett Inc. also manufactures affordable replacement air suspension components and kits for luxury cars and SUVs. Arnett has been designing and manufacturing quality air shocks, air struts, compressors and replacement coil spring conversion kits in the USA since 1989. Today, Arnett continues to lead the industry in research and development of new products while maintaining affordable prices.

Arnett has revolutionized air suspension replacement technology by developing the most comprehensive and advanced components available today. We use superior materials such as air spring bladders from Continental and Goodyear, high grade crimping rings, and aircraft quality 6061 T6 aluminum.

Arnett strives to develop automotive replacement air suspension products that offer a seamless installation and fit along with a great ride at an affordable price. Our kits include all necessary mounting hardware and fasteners and a detailed instruction manual. Arnett backs many automotive air products with a Limited Lifetime Warranty and prides itself in outstanding customer service.

## AVAILABLE FOR:

Audi, VW & Porsche  
Bentley  
BMW  
Buick  
Cadillac  
Chevrolet / GMC  
Ford/ Lincoln / Mercury  
Hummer  
Jaguar  
Land Rover  
Lexus /Toyota  
Mercedes-Benz





## ORDERING INFORMATION

Arnott Inc's Customer Service team is available to assist you with what to order, placing an order, order status, product availability or any other questions you might have regarding Arnott's air suspension products.

Contact the air suspension experts at Arnott Inc. to make sure you order the correct part and to answer any installation questions you might have.

### Order with Confidence:

- Same Day Shipping Available
- Shipping via UPS Ground, 3-Day or Next Day is available
- Se Habla Español
- Member: Better Business Bureau - A+ Rating
- Satisfaction Guaranteed
- Limited Lifetime Warranty
- Over 20 years of Customer Satisfaction
- We'll beat any advertised Internet price on comparable products

### Ordering is Fast & Easy!

Order Online - 24/7: [www.arnottinc.com](http://www.arnottinc.com)

Call in your order:

(Monday-Friday: 8:30am-6:30pm EST)

Toll Free: 1-800-251-8993

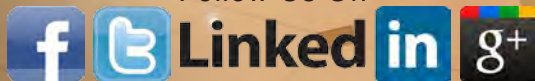
Local: 321-868-3016

### Contact Arnott Inc. Business Office:

100 Sea Ray Drive Merritt Island, FL 32953 | Call: 321-868-3016 | Fax: 321-868-3073 | Email: [info@arnottinc.com](mailto:info@arnottinc.com)



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Air Suspension Products

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PRSRT STD  
US POSTAGE

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PERMIT#4190  
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