

Firestone

World's Number 1
Air Spring.



FIRESTONE INDUSTRIAL PRODUCTS COMPANY



Master Catalog

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MASTER CATALOG 8196
EFFECTIVE NOV. 1, 2010
SUPERSEDES NOV. 1, 2009

Mission Statement

Firestone has made a commitment to our customers that each shall be treated equally.

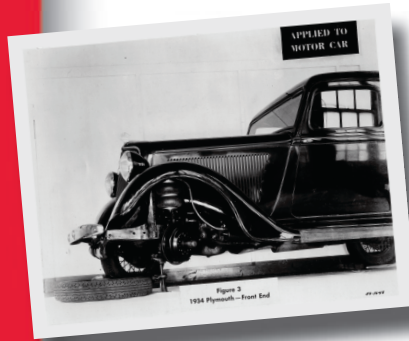
We believe that every customer should receive the same quality service as our largest.

We will continue to improve the quality of our products through research and development to provide the customer with superior air helper springs and accessory products.

We will offer exemplary support and service utilizing the most experienced team in the industry.

Firestone is focused on customer satisfaction

Company Profile



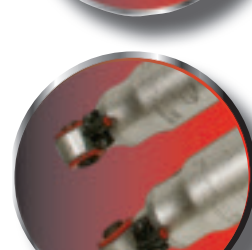
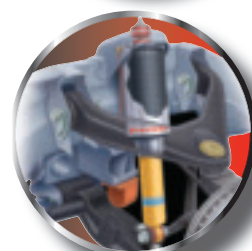
More than seventy years ago, Firestone began developing an air suspension for passenger cars. Firestone Airide™ air springs were installed on a line of General Motors buses in the early 50's.

Later that decade, air suspensions continued to gain popularity in luxury vehicles. Over the next 20 years, technology improvements in other air suspension components, such as compressors and valves, helped support the growth of air suspensions. In the late 1970's, Ford Motor Company incorporated air suspension in the Lincoln Town Car and Continental.

Currently, our automotive group provides air springs to Ford, Land Rover and Range Rover. Our heavy duty products can be found on larger over-the-road trucks, such as Peterbilt and Freightliner.

Firestone has continued to be innovative in product design, material selection and customer service, providing our customers with improved ride quality and safe load-carrying capabilities. The Firestone AIRIDE trademark can be seen on trailers all across our great country and the world.





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**Coil To Air Conversion Kit
Dodge Ram 1500
W21-760-2518**

**NEW
HEAVY DUTY**



**NEW
FRONT APPLICATIONS**



**Work-Rite™
New Front Applications**

W27-760-8629

W27-760-8635

New Heavy Duty Applications

W27-760-8630



**Ride-Rite LS™
New Lifted Applications**



**140/95
Tapered Air Springs
With Light Weight
Cap & Piston**
W21-760-9041
W21-760-9042
W21-760-9043
W21-760-9045



**Wireless Air Command
Generation II**
WR1-760-2540



**2011 Ford Super Duty
F250/F350**
W21-760-2520 (Gas) W21-760-2535 (Diesel)



**R4Tech™
New Lifted Applications**



**No Drill Air Tank
Mount To Frame**
WR1-760-2496
Fits All Tanks



**No Drill Digital/Wireless Air
Command Frame Mount**
WR1-760-2529
Ideal For Kits With Compressor
& Valve Blocks



**No Drill Air Compressor
Mount To Frame**
WR1-760-2497
Ideal for Compressor
Only Mounting

Will Fit Kits:
WR1-760-2097
WR1-760-2158
WR1-760-2178
WR1-760-2219



**No Drill Combo (Compressor Kit
With Tank) Mount To Frame**
WR1-760-2530

Will Fit Kits:
WR1-760-2047
WR1-760-2168
WR1-760-2198
WR1-760-2232
WR1-760-2239



Everything is included for a quick, easy installation. Brackets, air springs, hardware, air line, and separate valves for manual inflation. Optional air accessories are available for all applications, see page 14. Average installation time is 1-2 hours.

Firestone's heavy duty Ride-Rite air helper springs are the workhorse of our air helper spring line. The double convoluted air springs offer maximum load support as well as years of worry-free service.

Ride-Rite air helper springs can be installed on most light trucks, motor-homes, RV's, SUV's and vans. Ride-Rite air helper springs are installed between the frame of the vehicle and the suspension, providing load support through the use of air pressure.

Firestone is committed to providing the customer with premium air helper spring kits. Ride-Rite air helper springs have become synonymous with quality, durability, and customer support. Each application is specifically designed to maximize the safe load carrying capacity, stability, and ride quality of the vehicle.

Ride-Rite air helper springs utilize a pair of convoluted air springs which can be adjusted for changing loads. These air springs are capable of 3,200 to 5,000 lbs.* of load leveling capacity. Ride-Rite air helper springs enhance the ride by reducing inter-leaf friction. Please remember that air springs do not increase the load-carrying capacity of your vehicle.

Ride-Rite kits are application specific and are designed for hassle-free fitment to the OEM suspension. For lifted or lowered applications, see page 54 in the Application Guide.

Look for many no-drill kits which utilize the factory holes and can be installed in half the time or less. Most are designed to be fifth wheel and gooseneck hitch compatible.



Ride-Rite Air Helper Springs will:

- **Keep the vehicle level** - improve steering control and braking effectiveness, level headlight beams and reduce tire wear.
- **Level off-center loads** - individual inflation valves allow for adjustment side-to-side.
- **Reduce suspension fatigue** - keep leaf springs from permanent sagging under repeated or constant load.
- **Reduce bottoming out** - protective air cushion softens contact between the axle and frame.
- **Increase vehicle stability** - absorbing road shock providing ideal ride conditions for passengers and load.

• DO NOT EXCEED THE VEHICLE'S RECOMMENDED GROSS VEHICLE WEIGHT RATING (GVWR)



Everything is included for a quick, easy installation. Brackets, air springs, hardware, air line, and separate valves for manual inflation. Optional air accessories are available for all applications, see page 14. Average installation time is 1-2 hours.

Dealers & Installers Choose Firestone:

- Rapid installation / 1-2 hours
- Technical assistance at:
www.ride-rite.com
- Toll free technical support
800.888.0650 (ext. 58643)
- World's Number 1 Air Spring™
- Detailed installation instructions available online

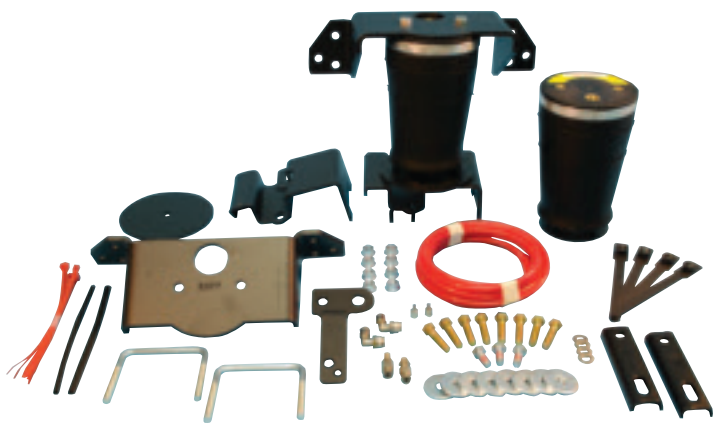


Enjoy a smooth ride with Sport-Rite air helper springs. These revolutionary air springs were developed to maintain a level vehicle while offering the best possible ride characteristics under any load condition.

Maximize your vehicle's suspension performance with Firestone air helper springs. Sport-Rite air helper springs utilize a tapered style air spring that will support up to 3000 lbs.* per set. With dynamic ride characteristics, hauling and towing control are vastly improved. Make your vehicle a total performer with Firestone Sport-Rite air helper springs.

Sport-Rite air helper springs can also be installed on most light trucks, SUV's and vans. They are installed between the frame of the vehicle and the suspension, providing load support through the use of air pressure. Each application is specifically designed to maximize the safe load carrying capacity, stability, and ride quality of the vehicle.

Sport-Rite kits are application specific and are designed for hassle-free fitment to the OEM suspension. For lowered applications, see page 54 in the Application Guide.



Sport-Rite Air Helper Springs will:

- **Keep the vehicle level** - improves steering control and braking effectiveness, levels headlight beams and reduces tire wear.
- **Level off-center loads** - individual inflation valves allow for adjustment side-to-side.
- **Reduce suspension fatigue** - keeps leaf springs from sagging under repeated or constant load.
- **Improve the ride** - allows the air springs to be matched to the load.
- **Reduce bottoming out** - protective air cushion softens contact between the axle and frame.
- **Increase vehicle stability** - absorbs road shock, providing ideal ride conditions for passengers and load.

* DO NOT EXCEED THE VEHICLE'S RECOMMENDED GROSS VEHICLE WEIGHT RATING (GVWR)

Discover the difference Coil-Rite air helper springs can make in improving the ride, handling and braking of your vehicle.



Coil-Rite air helper springs provide extra support for coil springs in cars, minivans, vans, light trucks, RV's and SUV's. The adjustable Coil-Rite air helper springs will level your vehicle, provide a smoother ride, and assist with more effective braking and handling, even under heavy loading and adverse road conditions.

Everything is included for a quick, easy installation. Air springs, hardware, air line, and separate valves for manual inflation. Optional air accessories are available for all applications, see page 14. Average installation time is 1 hour.

Coil-Rite air helper springs are designed to fit inside existing coil spring suspensions, creating a variable rate spring. These air helper springs are made of durable, elastic polyurethane, providing years of comfort and stability to your vehicle.

Look for many no-drill applications.



Firestone's Coil-Rite air helper springs enable adjustment for varying loads and road conditions by controlling the air pressure in the air helper springs. Spring performance can be altered as easily as inflating a tire. The air springs will support 500-1000 lbs.* per set.



*Coil-Rite Air Helper Springs are designed to work in temperatures between 180°F (82°C) and 5°F (-15°C).

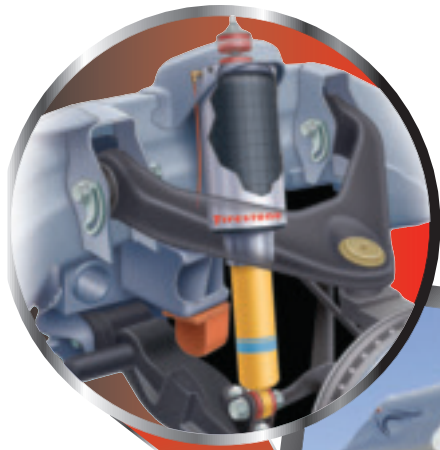


Coil-Rite Air Helper Springs will:

- **Increase vehicle stability** – absorbs road shock providing a smooth ride for passengers and load.
- **Keep the vehicle level** - improves steering control and braking effectiveness, levels headlight beams and reduces tire wear.
- **Reduce bottoming out** - protective air cushion softens contact between the axle and frame.

• DO NOT EXCEED THE VEHICLE'S RECOMMENDED GROSS VEHICLE WEIGHT RATING (GVWR)

Level-Rite™ Air Helper Springs + Damper



The Level-Rite kit includes fully shielded, reversible sleeve air springs featuring billet aluminum pistons and restraining cylinders, high-performance Bilstein® mono tube shock absorbers, polyurethane bushings and all installation hardware and comprehensive instructions.

Level-Rite kits are application specific for perfect fit and alignment. Only basic hand tools are required to complete the installation.

Certain factory suspension configurations do not allow the fitment of a stand-alone air spring. In these instances, it is necessary to pair the air spring with the shock absorber to achieve meaningful load capability while maintaining a hassle-free installation. For these applications, Firestone has designed a fully-protected, reversible sleeve air spring and paired it with a high-performance Bilstein monotube shock absorber for perfectly matched performance characteristics over the entire operation range.

Firestone's new Level-Rite product provides the perfect leveling solution for the front end of late model Dodge, Chevrolet and GMC trucks and SUV's that see use in snow-plowing, slide-in campers, or have large, heavy grille guards.

Optional air accessories are available for all applications, see page 14. Average installation time is less than one hour.



Level-Rite Air Spring + Damper will:

- **Level the front end in variable load applications** - snowplow, slide-in camper, heavy grille guard.
- **Improve vehicle control and stability** - maintain constant tire, driveline and headlight alignment.
- **Reduce bottoming out** - protective air cushion softens contact between the frame and suspension.
- **Reduce suspension fatigue** - prevent factory torsion bars from sagging under repeated or constant load.



Everything is included for a quick, easy installation. Load assist springs, brackets, all necessary mounting hardware, and comprehensive instructions.

Work-Rite kits are application specific for perfect fit and alignment, most without any drilling or modification. Only basic hand tools are required to complete an installation in 30 to 40 minutes.

Look for many no-drill kits



The progressive load-deflection characteristics of the new Work-Rite kit will smooth your ride when your vehicle is fully loaded, and won't compromise your ride when it's not.

These load assist springs are injection-molded, and are made of microcellular urethane. They do not use air like the Ride-Rite family of springs so there is no air pressure to monitor. Work-Rite load assist springs are made of a base polymer developed specifically for the automotive environment with low temperature flexibility to -81°F (-63°C) and a high repeated compression resistance. They are adjustable for individual loading scenarios using spacers provided in each kit.

There are eight separate spring-geometry and stiffness combinations for several applications for light duty trucks, vans, and SUVs. Most Work-Rite kits are a no-drill design, which means they use the existing holes in the frame for installation and require only simple hand tools.

The Work-Rite load assist springs are maintenance-free with a limited lifetime spring warranty and provide a more comfortable, safer ride for you and your cargo.



Work-Rite Load Assist Springs will:

- **Improve the ride, increase vehicle stability and reduce sway** - when the vehicle is loaded, the load assist springs help the existing suspension carry the load and absorb road shock to improve the ride quality and handling. Unloaded ride quality will not be affected by the Work-Rite product.
- **Assist factory suspension** - the Work-Rite kit installs to the vehicle's frame and axle to assist the factory suspension. The factory suspension remains unmodified.
- **Reduce suspension fatigue** - keeps leaf springs from sagging under repeated or constant load.
- **Prevent bottoming out** - protective cushion softens contact between the axle and frame.
- **Install easily** - in less than an hour, Work-Rite kits can be installed using basic hand tools.

All Work-Rite Kits Have a Limited Lifetime Spring Warranty

R4Tech™ BY SANLUIS RASSINI

Everything is included for an easy installation: Leaf springs, trailing link, J-springs, air springs, brackets, air supply, load adaptive shocks and all necessary hardware, fittings, tubing, and comprehensive instructions.

The R4Tech is application specific for perfect fit and alignment without any drilling or modification. No special tools required.

Look for many no-drill kits



*Lifted applications available

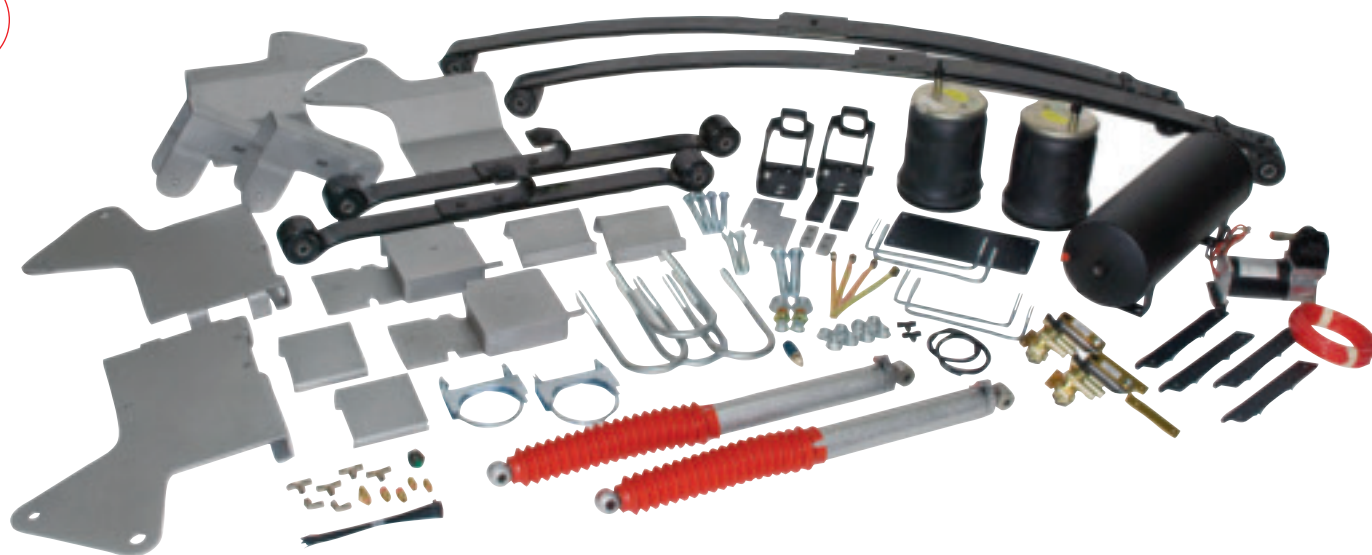


Big rig trucks use air suspension for a reason. Airide™ suspensions ride better than steel spring suspensions, reduce the wear and tear on your equipment and protect both the driver and cargo, regardless of the load.

R4Tech is a patented, hybrid air-over-leaf suspension that provides the ride quality of a full-air suspension, the axle control of a leaf spring and the ease of installation of a standard leaf spring and Ride-Rite kit.

The foundation R4Tech suspension is designed and manufactured by SANLUIS Rassini, the preeminent supplier of leaf springs to the North American light truck industry. When combined with Firestone Airide™ air springs and Ride-Rite™ air accessories, the result is R4Tech, a suspension kit that is unmatched in terms of durability, reliability and ride quality.

Each application is carefully designed and tuned to improve the ride quality and handling performance of the factory vehicle.



The R4Tech Suspension will:

- **Improve the ride** - air springs and softer-rated leaf springs mean improved ride across all conditions, especially unloaded.
- **Kneel and level** - allows for easier loading and trailer attachment with the kneel feature. The air springs automatically adjust for any load, keeping your vehicle level.
- **Improve handling with load-adaptive shocks** - the shocks included in the kit vary their stiffness based on the air spring pressure. The Firestone dampers for R4Tech adjust to the load, optimizing the ride in all conditions.
- **Control axle hop and windup** - R4Tech utilizes the patented lower link and "J-spring". These components stop axle windup, reducing brake hop and axle shudder under heavily loaded acceleration.

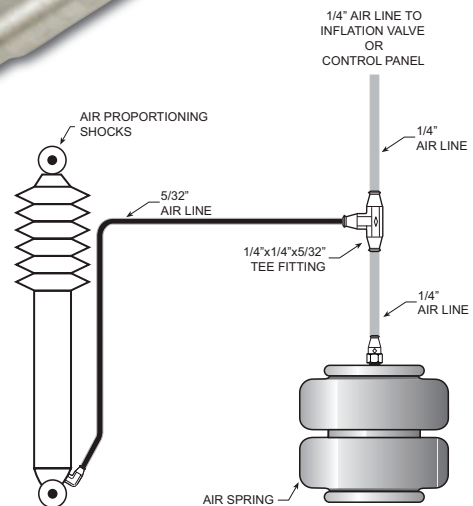


The Ride-Rite LS kit features durable precision-machined construction, polyurethane bushings and double-welded loops.

The easy-to-install product comes complete with a protective urethane dust boot and is currently available for late model Chevrolet, Dodge and Ford pickups.

Ride-Rite LS is a tri-tube mono-flow shock absorber designed to deliver superior performance under a full range of load and temperature conditions. The shock absorber is directly connected to the helper spring, allowing pressure within the air spring to automatically control the product's performance. As a result, damping is low when the vehicle is unloaded to deliver a comfortable ride and then automatically increases to stiffer damping when the vehicle is loaded for improved control.

The shock performance changes dynamically with the modifications in payload on the axle, resulting in better body and roll control as well as safe and secure handling of the vehicle. And because damping level is automatically controlled by the air pressure inside the spring, there is no need to crawl under the truck to adjust the shocks.



The Ride-Rite LS will:

- **Improve the ride and control** - softer damping when unladen for improved ride and stiffer damping when loaded for improved control.
- **Improve handling** - minimizes the trade-off between ride and handling at various payloads.
- **Improve performance of your vehicle** - the tri-tube mono-flow design ensures exceptional performance under a full range of load and temperature conditions.
- **Install and maintain easily** - installs with basic hand tools and the damping level is automatically controlled by the air pressure inside the spring, eliminating the need to crawl under the vehicle to adjust the shocks.

Air Springs



W21-760-6781



W21-760-6873



W21-760-6869



W21-760-7325

Firestone has a comprehensive selection of custom components for your custom vehicle. The Ride-Rite Application Guide has detailed descriptions of air springs, compressors, air tanks, fittings and air line tubing.



W21-760-9000



W21-760-7668

Fittings & Air Line Tubing



Air Tanks



W21-760-7076



Keeping your vehicle level and handling correctly is simple with Firestone's Air-Rite air accessory systems. Firestone air accessory systems offer fingertip control of your air helper springs. These systems are designed to work with any Ride-Rite, Sport-Rite, Coil-Rite or Level-Rite air helper spring kit. By adding a Firestone air accessory system, the air helper springs can be adjusted at any time without having to look for an air source. It's easy to maintain the ride you want regardless of the load or road conditions.

Why use a Firestone air accessory system?

- **Instant adjustability of your air helper springs**
- **Continuous monitoring of the suspension**
- **Convenience**

Analog or Digital

- Analog panels feature a single or dual needle, backlit gauge for pressure monitoring and mechanical paddle switches to control inflation and deflation of the air springs.
- Digital panels feature a modern interface that blends seamlessly with modern vehicle interiors. Installation is simplified since there is no need to run pneumatic plumbing into the passenger compartment. Other features such as memory presets, low-pressure warning and wireless interface have been included.

Single, Dual or Automatic Control

- **Single Control** - Single control gauges tie the two air springs together, providing equal inflation of both air helper springs. Ideal for towing or hauling centered loads.
- **Dual Control** - Dual control gauges inflate each air spring independently to provide side to side leveling for unbalanced loads or floor plans. This is a great problem solver for motorhomes class "A", "B" and "C", slide-in campers and utility vans (for optimum anti-roll stability).
- **Automatic Control** - Automatic control of your air helper springs allows the installer to set the appropriate ride height, and the vehicle will always maintain that ride position.

Standard or Heavy Duty Compressor

- The standard duty compressor systems offer dependable, lasting service for moderate use applications like weekend towing or RVing.
- The heavy duty compressor is ideal for situations where the air springs will be adjusted more than a few times a week, such as heavy-duty towing, construction vehicles, full time RV'ers and utility applications.

Air-Rite Kit Selection:



ANALOG GAUGES



Choose a single gauge if you want to level your load front to rear. Two air springs will inflate equally.

Single Gauge

WR1-760-2225 Pneumatic
WR1-760-2229 Electric



Choose a dual gauge if you want to level your load front-to-rear or side-to-side. Two air springs will inflate independently.

Double Gauge, Double Needle

WR1-760-2241 Pneumatic
WR1-760-2260 Electric



IN-CAB SYSTEMS



Utilizes a heavy duty or super heavy duty compressor.

HD 1/2 Gal. Tank WR1-760-2168

SHD 1 Gal. Tank WR1-760-2198



This system utilizes a standard duty compressor (9284) and a single gauge (2229). Inflates two air springs equally.

Level Command II WR1-760-2158



This system provides front-to-rear or side-to-side leveling through the use of an electric switch, dual gauge (2260) and standard duty compressor (9284). Inflates two air springs individually.

Dual Electric Air Command WR1-760-2178

HEAVY DUTY COMPRESSOR SYSTEMS



This system provides fingertip control of your air springs using a heavy duty compressor (9335). Inflates two air springs equally.

Level Command WR1-760-2097



This system provides front-to-rear or side-to-side leveling through the use of an electric switch, dual gauge (2260) and a heavy duty compressor (9335). Inflates two air springs individually.

Dual Electric Air Command II WR1-760-2219



Digital Air Command

Digital Air Command I and II air accessory systems are designed to provide an instant air source for all Firestone air helper spring kits. Both systems feature electronic controls that allow users to adjust air pressure at the push of a button inside the vehicle.



Digital Air Command I WR1-760-2490



Digital Air Command II WR1-760-2491

Features & Benefits

- Works with Firestone's complete range of suspension leveling solutions: Ride-Rite™, Sport-Rite™, Coil-Rite™ and Level-Rite™.
- Electronic in-cab control.
- Air Command I - two buttons (single display) to control air pressure in the two rear air springs.
- Air Command II - four buttons (dual display) to control side-to-side or front-to-rear leveling.
- Real time pressure display.
- Easy installation - no tubing to run inside the vehicle.
- Easy to mount on any flat surface in vehicle.
- Kits include digital control, standard duty air compressor, valve block, wiring harness, all necessary tubing and fittings, and detailed installation instructions.

See page 48 in 2011 Application Guide for more information



Standard duty compressor and digital control panel inflates and deflates within the cab.

Dual (Shown)

Wireless Air Command

WR1-760-2489

WR1-760-2500



Wireless Air Command Generation II

WR1-760-2540



Wireless Upgrade Kit For 2489

WR1-760-2501



Features & Benefits

- Works with Firestone's complete range of suspension leveling solutions: Ride-Rite™, Sport-Rite™, Coil-Rite™ and Level-Rite™.
- Wireless, in-cab control.
- Three memory presets.
- Allows for the unit to be upgraded from a 2-point to a 4-point controller.
- Easy installation – no wires or tubing to run inside the vehicle.
- Wireless range of up to 50 feet allows for leveling from outside the vehicle so that the operator can visually inspect the leveling process.
- 2489 provides dual point control for side-to-side or front-to-rear leveling.
- 2500 provides four point control for individual control of each air spring on a four-corner system.
- 2501 upgrades the 2489 to four-point control.
- Kits include wireless control, standard duty air compressor, valve block(s), wiring harness, pneumatic tubing, fittings, installation hardware and a detailed installation

Web site & Preferred Dealer Program

Web site: www.rite-ride.com

The Ride-Rite™ web site provides accurate up-to-date information on applications, dealer locations, technical information, air pressure requirements, air compressor CFM ratings, maintenance and air spring technical data, and much more.

The FSIP web site offers detailed technical information on air springs and compressors, as well as instruction manuals for kits. Click on the blue highlighted part numbers to download installation instructions.

Look for new applications and products on the Ride-Rite™ web site along with new installation videos on how to install Ride-Rite no-drill kits and the Digital Air Command kits.

The Firestone home page contains several options to answer all your questions about Firestone air helper springs such as, online ordering and shipment tracking, part cross-reference, and the latest Firestone news.

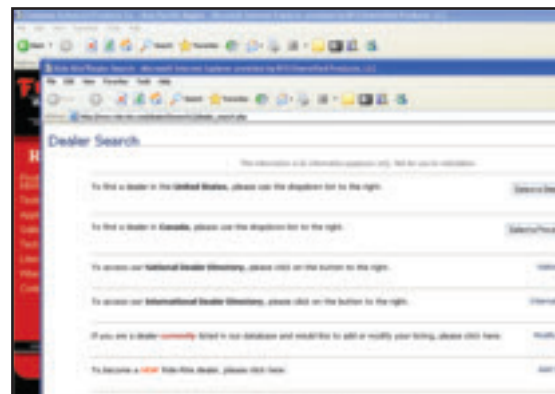
If your dealership is NOT in the "Where to Buy Section", you are missing sales. Sign up today at dealer locations in the "Where to Buy Section".



www.rite-ride.com
or call 1.800.888.0650 (ext. 58643)
Office hours are from 7:30 am - 4:30 pm EST

Preferred Dealer Program

Firestone's web site offers an extensive dealer database. To add your listing to the preferred dealer program:



1. Log on to www.rite-ride.com
2. Click on "Where to Buy"
3. Go to "To Become a New Dealer" (bottom of page)
4. Click on "Add Your Listing"

With one of the strongest sales networks in the industry, Firestone stands behind every one of our dealers, helping you sell with solid marketing practices. Firestone has made a commitment to its dealers to provide national assistance through the use of an aggressive marketing campaign and a comprehensive web site.



Marketing Material

To Order Literature:

1. Order through your distributor
2. Order online at www.ride-rite.com
3. Call 1-800-888-0650, ext. 58643.

Product Packaging 9985

Show your customers Firestone's full color retail packaging and spark interest with our product lines. Includes one display box from each of the four product lines. Also included are 9987, 9189, 8191, and 8207.

Consumer Brochure 8191

Learn in detail what Firestone air helper springs can do for your ride in our consumer brochure.

25 per pack (used in 9985, 9996, and 9999)



Counter Display WRDISP

Counter displays are available to create customer interest. There is a Firestone air helper spring included with the display so your customers can see exactly what the product looks like.

Includes 1 pack 8191.

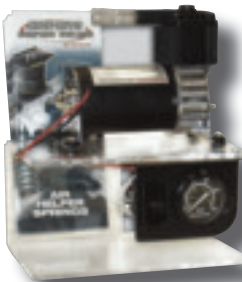
Door Decal 8207

Firestone 5"x7" door decals let customers know that you carry Firestone air helper springs.



Air Accessory Display 9996

The air accessory display will increase your air accessory business. Let the customer see the quality!



Counter Mat 9988

Promote sales with our full color 16"x20" counter mat. A great marketing piece to attract attention.



Banner 9189

Let your customer know that you offer the Firestone air helper spring products by displaying our 2'x4' indoor / outdoor banner.

●Technical Tips●

Air Spring Alignment

Air spring alignment is important to the operation of your air helper spring kit. Upon installation, visually align the air spring. Most kits allow for adjustment of the upper and lower brackets to assist in making the air springs vertical. In most instances, position the upper and lower brackets so that they are parallel. Remember to maintain proper design height. Refer to the installation manual for kit-specific procedures.

Push-to-Connect Fittings

Firestone's push-to-connect air fittings are extremely easy to use. Once the length of the air line has been selected to span the distance from the air springs to the inflation valves, simply use a sharp knife or tubing cutter (9009) to cut the air line as square as possible (Do NOT use side cutters or other devices that may smash the end of the air line). Then push the air line into the fitting as far as possible.

Air Spring Clearance

After installing your air helper spring kit, make sure you have at least 1/2" of clearance around the entire air spring when inflated. A good rule of thumb is to use the thickness of your hand and feel around the entire air spring. If your hand comes in contact with anything on the vehicle, you may have an interference issue. If the object can be moved, relocate it. If the object cannot be moved, contact Firestone for further assistance.

Air Accessory Systems

Firestone offers a wide range of air accessory systems for all your air helper spring requirements. Some quick tips that apply to all Firestone air accessories:

- 1.) All compressors are direct drive units (NO oil or belts). This means the compressor can be mounted in any position without detriment to the compressor.
- 2.) In systems using tanks, when connecting the compressor to a positive wire on the vehicle, make sure the wire is ignition activated. This will eliminate the possibility of the compressor running while the vehicle is turned off, draining your battery.
- 3.) The compressor can be mounted under the hood or on the frame rail behind a cross member. In order to allow enough air flow to the compressor, place the unit in a well protected area free from debris and large amounts of water.

●Frequently Asked Questions & Answers●

Question: How much air pressure should be in the air helper springs?

Answer: Air pressure requirements vary based upon application and personal preference. Refer to the installation manual included with the kit.

Question: Do the air helper springs improve the ride?

Answer: When the vehicle is loaded, the air helper springs help the existing suspension carry the load and improve the ride a great deal. With the minimum pressure in an unloaded vehicle, there will be no change to the ride.

Question: Do the air helper springs replace the existing suspension?

Answer: The air helper springs are attached to the existing suspension. NOTHING IS REMOVED OR ALTERED.

Question: Do the air helper springs increase the payload capacity of my vehicle?

Answer: The air helper springs do not alter a vehicle's gross vehicle weight rating. Never exceed the manufacturer's GVWR.

Question: Will the air helper springs stabilize my vehicle?

Answer: Yes, air pressure adjustment will allow you to provide the exact amount of spring support to match the load, providing a level & stable vehicle.

Question: Should there be air pressure in the air helper springs while the vehicle is empty?

Answer: There should always be air pressure in the air helper springs.

Question: What is included in a basic kit?

Answer: Everything is included for a quick, easy installation. Brackets, air springs, hardware, air line, and inflation valves for manual inflation are all included. Optional air accessories are available for all applications, see page 14.

Question: Can there be different air pressures in each air spring?

Answer: Yes, you can have different air pressures in each air helper spring. Ride-Rite™, Sport-Rite™, and Coil-Rite™ kits come with two inflation valves for individual inflation.

These are the most frequently asked questions. For additional information, please consult the installation instructions on the web site, operator's guide, or contact Firestone directly at 1-800-888-0650 (ext. 58643)

FIRESTONE LIFETIME AIR SPRING WARRANTY

Firestone Industrial Products Company LLC ("Firestone") warrants that its Ride-Rite Air Spring Assembly will perform according to the manufacturer's specifications for as long as the vehicle on which the system was originally installed is owned by the original retail purchaser. This limited warranty does not include installation or other service charges for replacement.

Warranty Period

The Air Spring is warranted for as long as the original purchaser owns the vehicle on which it was originally installed. The fasteners and upper and lower brackets which accompany the air spring are warranted for a period of twenty-four (24) months or 24,000 miles whichever occurs first. This warranty begins on the original retail delivery date.

What is Covered

Any implied warranties are limited in duration to the coverage period of this warranty (some states do not allow limitation on how long an implied warranty lasts so the above limitation may not apply to you). This Warranty runs in favor of the original retail purchaser when the Ride-Rite Air Spring Assembly is used under normal operating conditions according to Firestone's specifications and installed on the appropriate application. This warranty does not apply to Ride-Rite Air Spring Assemblies that have been improperly applied, improperly installed, used in racing or off road applications or used for commercial purposes. In addition, the warranty will not apply to products which have not been maintained and serviced according to the instructions that accompany the air spring assembly. The consumer will be responsible for any costs incurred in removing the product from the vehicle and the cost to return the air spring assembly to the dealer or installer from which it was purchased. If it is determined that the Ride-Rite Air Spring Assembly failed as a result of a manufacturing defect, Firestone will repair or replace, at its option, any product or components subject to this warranty. You should retain a copy of your contract with your installer and your receipt as proof of the date of installation. This warranty is non-transferable and is not assignable in any way.

Firestone specifically excludes any obligation for consequential damages or incidental expenses including claims for loss of use of the product, loss of time, inconvenience, or commercial loss. This warranty gives you specific legal rights. You may also have other rights that may vary from state-to-state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages. The above limitation or exclusion may not apply to you. There are no warranties, express or implied, including implied warranty of merchantability and fitness which extend beyond this warranty.



Firestone

World's Number 1
Air Spring.



FIRESTONE INDUSTRIAL PRODUCTS COMPANY

Firestone

A TRADITION OF INNOVATION



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We are proud members and support the efforts of the following trade associations:

