

Firestone



APPLICATION GUIDE
VALID FOR 2019 & OLDER VEHICLES

riderite.com

MOST

a fit for most pickups, RVs, and SUVs.

EXTENSIVE

testing and research builds some of the best
air springs available.

ONLY

air spring manufacturer who makes them for
passenger vehicles and semi-trucks, trailers,
trains, and buses.

Firestone

Firestone Industrial Products



For more information:

 **riderite.com**

 **800-888-0650**

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Precision-engineered leveling

Firestone air springs are specifically designed to fit on your vehicle and provide an array of benefits. Use the application guide beginning on page 7 to determine which air spring product is designed for your vehicle. Enjoy easy installation and the smooth ride, improved stability, and safer load-carrying capacity offered by the original air spring.



Ride-Rite™ Air Springs



- Firestone's most popular and comprehensive air spring line
- Maximizes the vehicle's safe load-carrying capacity, stability, ride quality, and brake effectiveness
- Most kits are No-Drill systems, easily installing in 1-2 hours
- Supports up to 5,000 lbs. per set*



Coil-Rite™ Air Springs



- Control the air pressure in the air springs for varying loads and road conditions
- Spring performance can be altered as easily as inflating a tire
- Made of durable, elastic polyurethane
- Carrying capacity up to 2,000 lbs and 70 PSIG* per set (on select kits)
- Designed to work in temperatures between -40°F (-40°C) and 180°F (82°C)

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

NEW PRODUCTS



New Ride-Rite™ kits

2017-2019 FORD F250/350 4WD

Product Number: W21760-2605

See Pages 15 & 16



2017-2019 FORD F450 4WD

Product Number: W21760-2604

See Pages 15 & 16



2014-2019 DODGE RAM 2500 2WD & 4WD

Product Number: W21760-2598

See Page 23



PUT THE POWER IN YOUR HANDS WITH THE NEW WIRELESS APP

COMING
JANUARY
2019

Conveniently adjust your air springs with the tap of a finger with Firestone Ride-Rite's new Wireless App. Never worry about losing the remote again!

Part Number:
WR1-760-2610

- Two-wire hookup for easier install
- Air pressure control app for iOS and Android
- Mount-anywhere compressor and ECU
- 2 memory presets
- Manual inflation option
- See pages 33-34 for Air Command™ products



FIND YOUR FIT Choose from our current lineup of Air Accessories to fit your preference.		Standard 1	Standard 2	Professional 1	Professional 2	Professional 3
SINGLE LEVELING SYSTEM Equal pressure to the springs on both sides. This applies to most towables using a hitch. 	 Analog	2538 2497	2158 2497	2097 2497	2266 2497	2543
DUAL LEVELING SYSTEM Allows for side-to-side or front-to-back leveling. This applies to work trucks, in-bed campers and off-center loads. 	 Analog	N/A	2178 2497	2219 2497	2168 2530	2549
	 Wireless	2581 2588	2589 2588	2590 2588	2591 2588/2496	2592 2588/2496

Application details for the new Firestone Ride-Rite™ Wireless App coming January 2019



ALL-IN-ONE KITS



The complete kit so you can Ride-Rite™

All-in-One kits come with air springs, compressor, air accessories, and all components for install. Choose F3 Wireless or Analog.

- One part number for easy ordering
- Recommended: No-Drill Air Accessory Mounting kit (page 36)

RIDE-RITE™ F3 WIRELESS ALL-IN-ONE KIT

See application guide starting on page 7



10 20 Dual Leveling



Wireless
Air Control
via Remote

RIDE-RITE™ ANALOG ALL-IN-ONE KIT

See application guide starting on page 7



10 10 Single Leveling



Analog
Air Control

***No-Drill applies to the air spring component installation.**

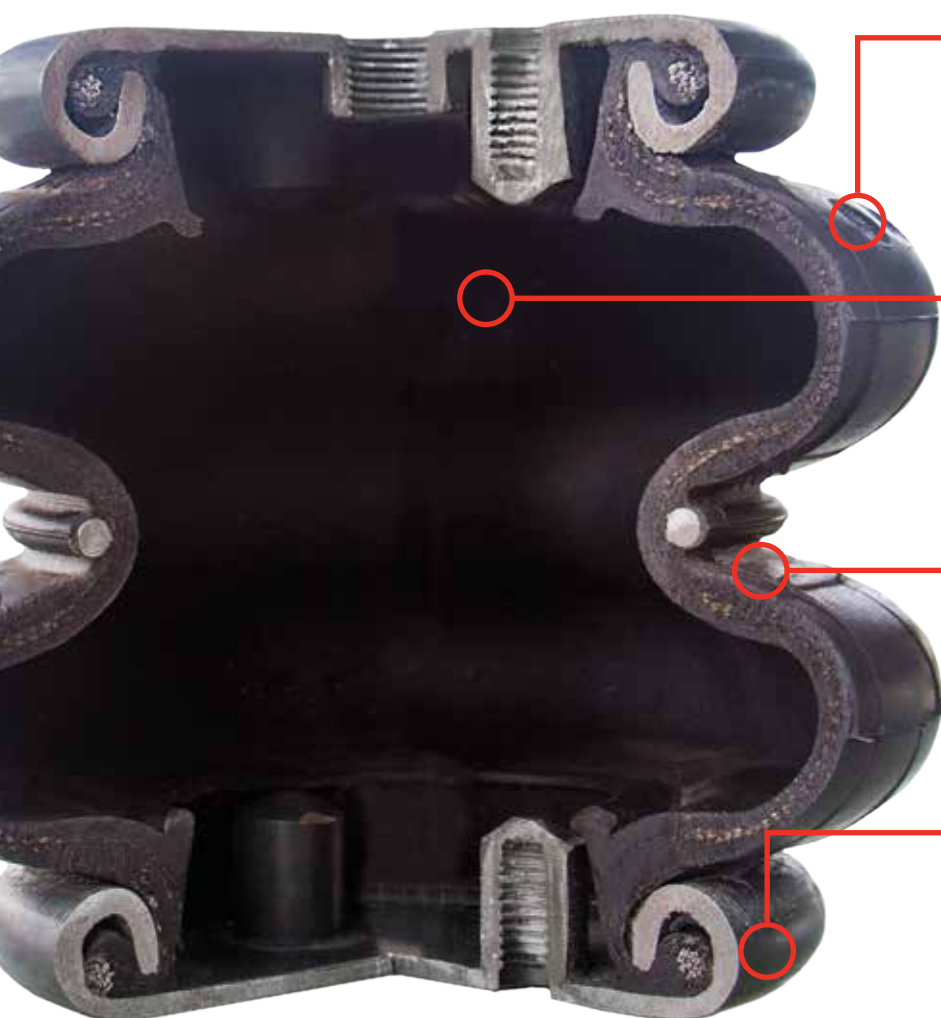
To accomplish No-Drill for entire installation, purchase Air Accessory Mounting kit on page 36.

THE BEST AIR SPRINGS RIDE ON AIR

Firestone Ride-Rite air springs ride on air only to give you comfort, confidence, and control.



THE FIRESTONE DIFFERENCE



ABSORBS EXTREME SHOCK

Capable of withstanding sudden left-to-right or side-to-side changes in suspension travel.

AIR ONLY DESIGN

Smooth ride and high performance because we only use air. No stroke limiting bumper required.

WORRY-FREE MAINTENANCE

Durable bellow won't rip or pull apart when suspended on a lift.

LONG PRODUCT LIFE

Built to last using commercial grade steel plates with rolled crimp design, for a long life under your truck.

FIND A RETAILER NEAR YOU AT AskForRideRite.com/OnlyAir

APPLICATION GUIDE

Make/Model	In-bed Hitch Compatible	Year	AIR LEVELING REAR							LEVELING FRONT	
			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Acura SUV											
MDX		05-10	4179					2	6020		
Audi Cars											
A3		10-18	4176				Y	1	6027		
Q3		15-16	4176				Y	1	6027		
Buick Cars / CUV / Van											
Century (fwd only)		82-96	4103				Y	1	6014		
Century (rwd only)		73-87	-4114-				Y	1	6008		
Electra (not sw)		85-96	4107				Y	1	6021		
Grand Sport		73-87	-4114-				Y	1	6008		
LeSabre (not sw) (fwd only)		00-04	4105				Y	1	6013		
LeSabre FWD		86-99	4107				Y	1	6021		
Luxus (rwd only)		73-87	-4114-				Y	1	6008		
Park Avenue		97-05	4105				Y	1	6013		
Park Avenue (not sw)		85-96	4107				Y	1	6021		
Regal (rwd only)		73-87	-4114-				Y	1	6008		
Riviera		95-98	4105				Y	1	6013		
Riviera		79-85	4106				Y	1	6015		
Terraza		05-07	4155				Y	1	6020		
Cadillac Cars / SUVs											
Coupe Deville, Fleetwood, Sedan Deville, Touring Sedan (fwd only)		85-93	4107				Y	1	6021		
El Dorado		79-85	4106				Y	1	6015		
Escalade (2WD, 4WD) (4 door only)		99-00	2101				Y	2	6781		
Escalade, ESV, EXT (2WD, 4WD)		07-19	4108				Y	1	6003		
Escalade, ESV, EXT (2WD, 4WD) (with Auto-ride suspension)		15-19	4108				Y	1	6003		
Escalade, ESV, EXT (2WD, 4WD) (with Auto-ride suspension)		08-14	4186				Y	1	6015		
Escalade, ESV, EXT (2WD, 4WD)		02-06	4108				Y	1	6003		
Seville		80-85	4106				Y	1	6015		

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Chevrolet Cars											
Aveo		10	4103				Y	1	6014		
Camaro, Z-28, IROC-Z		82-02	4103				Y	1	6014		
Celebrity		82-90	4103				Y	1	6014		
Chevelle		73-83	-4114-				Y	1	6008		
El Camino		67-87	-4114-				Y	1	6008		
Malibu		73-83	-4114-				Y	1	6008		
Monte Carlo (not SS)		73-88	-4114-				Y	1	6008		
Volt		16	4176				Y	1	6027		
Volt		12-15	4118				Y	1	6118		
Chevrolet/GMC Vans											
G1500 (6 lug nuts, GVWR 7200)		03-09	2423					2	6868		
G2500 G3500 (8 lug nuts) (Over 8600 GVW) (single rear wheel)		03-17	-2337-					2	9000		
Uplander		05-09	4155				Y	1	6020		
Chevrolet/GMC SUVs											
Avalanche 1500 (2WD, 4WD) (with Autoride suspension)		11-13	4186				Y	1	6015		
Avalanche 1500 (2WD, 4WD)		02-13	4108				Y		6003		
Blazer (2WD only) (full size)		73-91								4100	6100
Envoy (2WD, 4WD) (with rear coil springs)		02-09	4108				Y	1	6003		
Jimmy (2WD only) (full size)		73-91								4100	6100
Suburban 1500 (2WD, 4WD)		07-19	4108				Y	1	6003		
Suburban 1500 (2WD, 4WD) (with Autoride suspension)		15-19	4108				Y	1	6003		
Suburban 1500 (2WD, 4WD) (with Autoride suspension)		08-14	4186				Y	1	6015		
Suburban 1500 (2WD, 4WD)		00-06	4108				Y	1	6003		
Suburban 1500 (2WD, 4WD)		92-99	2101					2	6781		
Suburban 1500 (2WD only)		73-91								4100	6100

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Chevrolet/GMC SUVs (continued)											
Suburban 1500 (4WD only)		73-91	-2100-					2	6781		
Suburban 2500 (2WD, 4WD)		92-99	2101					2	6781		
Suburban 2500 (2WD only)		73-91								4100	6100
Tahoe (2WD, 4WD)		00-19	4108					Y	1	6003	
Tahoe (2WD, 4WD) (with Autoride suspension)		15-19	4108					Y	1	6003	
Tahoe (2WD, 4WD) (with Autoride suspension)		08-14	4186					Y	1	6015	
Police Tahoe (2WD, 4WD)		07-19	4147					Y	1	6024	
Tahoe (2WD, 4WD) (4-door only)		95-99	2101						2	6781	
Trailblazer (2WD, 4WD)		02-09	4108					Y	1	6003	
Yukon 1500 (2WD, 4WD)		07-19	4108					Y	1	6003	
Yukon 1500 (2WD, 4WD) (with Autoride suspension)		15-19	4108					Y	1	6003	
Yukon 1500 (2WD, 4WD) (with Autoride suspension)		08-14	4186					Y	1	6015	
Yukon 1500 (2WD, 4WD)		00-06	4108					Y	1	6003	
Yukon 1500 (2WD, 4WD) (4-door only)		95-99	2101						2	6781	
Yukon 2500 (2WD, 4WD) (4-door only)		95-99	2101						2	6781	
Chevrolet/GMC Pickup Trucks											
Colorado, Canyon (2WD, 4WD)		15-19	2587					Y	1.5	9001	
Colorado, Canyon (2WD, 4WD) (not factory lowered ZQ8)		04-12	2384					Y	1.5	6397	
Chevrolet/GMC Silverado, Sierra 1500 Pickup Trucks											
Silverado, Sierra 1500 (2WD, 4WD)	Y	19	2609 ##					Y	1.5	6397	
Silverado, Sierra 1500 (2WD, 4WD) (not High Country and Denali model 15+)		07-18	2430					Y	1	6397	
Silverado Classic, Sierra Classic 1500 (2WD, 4WD)		07	2320 ++						2	9000	
Silverado, Sierra 1500 (2WD, 4WD) (not HD)		99-06	2320 ++						2	9000	
Silverado, Sierra 1500HD (2WD, 4WD) (not Quad-Steer)		05-06	2190						2	6781	
Silverado, Sierra 1500HD (2WD, 4WD) (not Quad-Steer)		01-03	2190						2	6781	

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Chevrolet/GMC Silverado, Sierra 1500 Pickup Trucks (continued)											
C & K1500 (2WD, 4WD)		88-98	2025					2	6781		
C & R 10, 1500 (2WD only)		73-87	2071 *					2	6781	4100	6100
K & V-10, 1500 (4WD only)		73-87	-2040-***					2	6873		
Chevrolet/GMC Silverado, Sierra 2500 Pickup Trucks											
Silverado, Sierra C2500 (2WD only) (not HD)		99-05	2190					2	6781		
Silverado, Sierra C2500 (4WD only) (not HD)		99-05	2190					2	6781		
Silverado, Sierra 2500HD (2WD, 4WD)	Y	11-19	2596	2702	2806	2807	Y	1.5 2.5	6401 8401		
Silverado, Sierra 2500HD (2WD, 4WD)	Y	01-10	2250	2700	2808	2809	Y	1.5 2.5	6781 8781		
C & K2500 (2WD, 4WD) (with rear drum brakes)		99-00	2025					2	6781		
C & K2500 (2WD, 4WD)		88-98	2025					2	6781		
C & R20, C & R2500 (2WD only)		73-87	2071 *					2	6781	4100	6100
K & V20, 2500 (4WD only)		73-87	-2040-***					2	6873		
Chevrolet/GMC Silverado, Sierra 3500 Pickup Trucks											
Silverado, Sierra 3500HD (2WD, 4WD)	Y	11-19	2596	2702	2806	2807	Y	1.5 2.5	6401 8401		
Silverado, Sierra 3500HD (2WD,4WD)	Y	01-10	2250	2700	2808	2809	Y	1.5 2.5	6781 8781		
C & K3500 (2WD, 4WD)		88-00	2025					2	6781		
C & R30, C & R3500 (2WD only)		73-87	2071 *					2	6781		
C30 (2WD only)		67-87	2071 *					2	6781	4100	6100
K & V30, 3500 (4WD only)		73-87	-2040-***					2	6873		
Chevrolet/GMC Commercial Vehicles (vehicles without factory bed)											
C3500HD (2WD, 4WD), (wide track only)		11-12	2176 +					2	6781		
C2500HD, C3500HD (2WD, 4WD)		01-10	2249				Y	1.5	6781		
C4500, C5500 (2WD only)		02-09	-2362- *					2	6781	-2451-	6401
G30, G3500		70-95	-0830-					3	6859	4100	6100

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Chevrolet/GMC Motorhomes Class “C” Vans											
G3500, G4500 (with dual rear wheels)		13-16	2557				Y	2	6766		
G30, G3500		70-95								4100	6100
Chevrolet/GMC Motorhomes Class “A” & Step Vans											
GP30 HD (cutaway) (10,500 to 12,300 GVWR)		93-96	2080				Y	2	6859	4100	6100
GP30 HD (cutaway) (14,500 GVWR)		93-96								4100	6100
P30 (10,500 to 12,800 GVWR) (with jounce bumpers mounted at bottom of frame rails)		93-96	2080				Y	2	6859	4100	6100
P30 (14,500 to 17,000 GVWR) (with jounce bumpers mounted above leaf springs)		93-99								4100	6100
P30 (with jounce bumpers mounted at bottom of frame rails)		63-92	2080				Y	2	6859	4100	6100
Chrysler Cars / Vans / SUV											
Imperial, New Yorker 5th Ave. Landau, and Salon		90-94	4105				Y	1	6013		
Le Baron, GTS, TC By Maserati		82-95	4105				Y	1	6013		
New Yorker		84-89	4105				Y	1	6013		
Town and Country		08-16	4169					1	6013		
Town and Country (sw only)		84-89	4105				Y	1	6013		
Dodge Cars											
400, 600, Lancer, Daytona		82-94	4105				Y	1	6013		
Aries		81-89	4105				Y	1	6013		
Dynasty, Spirit		90-94	4105				Y	1	6013		
Shadow		87-94	4105				Y	1	6013		
Dodge Vans (For Ram vans after 2009, see Ram listing)											
Caravan, Grand Caravan		08-17	4169					1	6013		

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Dodge SUVs											
Nitro (2WD, 4WD)		07-08	4146					1	6005		
Durango (2WD, 4WD)		11-18	4184					1	6014		
Durango (2WD, 4WD)		04-09	4152				Y	1	6009		
Dodge Pickup Trucks (For Ram trucks after 2009, see Ram listing)											
Ram 50		80-93	-1130- **				Y	2	6873		
Dodge 1500 Pickup Trucks (For Ram trucks after 2009, see Ram listing)											
Ram 1500 (2WD, 4WD)	Y	09	2595				Y	1.5	9047		
Ram 1500 (2WD, 4WD)	Y	09	4185				Y	1	6133		
Ram 1500 (2WD, 4WD)		02-08	2286				Y	1.5	6781		
Ram 1500 Mega Cab (2WD, 4WD)	Y	06-08	2299		2804	2805	Y	1.5 2.5	6401		
Ram 1500 (2WD only)		94-01	2071 *					2	6781		
Ram 1500 (4WD only)		94-01	2071 *					2	6781		
D & W 100, 150, Ram 1500 (2WD, 4WD)		69-93	2071 *					2	6781		
Dodge 2500 Pickup Trucks (For Ram trucks after 2009, see Ram listing)											
Ram 2500 (2WD only)	Y	03-09	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 2500 (4WD only)	Y	03-09	2299	2701	2804	2805	Y	1.5 2.5	6401 8401	-1004-	7215
Ram 2500 (2WD only)		94-02	2071 *					2	6781		
Ram 2500 (4WD only)		94-02	2071 *					2	6781		
Ram 2500 (2WD, 4WD) (with contact overload springs)		94-98	2220				Y	2	6781		
D & W 200, 250, Ram 2500 (2WD, 4WD)		69-93	2071 *					2	6781		

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Dodge 3500 Pickup Trucks (For Ram trucks after 2009, see Ram listing)											
Ram 3500 (2WD only)	Y	03-09	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 3500 (4WD only)	Y	03-09	2299	2701	2804	2805	Y	1.5 2.5	6401 8401	-1004-	7215
Ram 3500 (2WD only)		94-02	2071 *					2	6781		
Ram 3500 (4WD only)		94-02	2071 *					2	6781		
D & W 300, 350, Ram 3500 (2WD, 4WD)		69-93	2071 *					2	6781		
Dodge Commercial Vehicles (vehicles without factory bed) (For Ram trucks after 2009, see Ram listing)											
Ram 3500 HD (2WD, 4WD)		07-09	2478 +					2	6781		
Ram 4500, 5500 (2WD, 4WD) (requires 2" clearance above frame)		07-09	2404 ***					2	7714		
Ram 2500 (2WD, 4WD) (not dually, with box delete)	Y	04-08	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 3500 (4WD only) (dually only, with box delete)	Y	06-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
D3500, W3500 (2WD, 4WD) (cab & chassis)		94-02	2220				Y	2	6781		
Ford Cars											
Country Squire		83-97	4108				Y	1	6003		
Crown Victoria (with rear coil springs)		98-08	4107				Y	1	6021		
Crown Victoria		83-97	4108				Y	1	6003		
Fusion		06-12	4169					1.5	6013		
LTD		83-86	4103				Y	1	6014		
Mustang		79-03	4103				Y	1	6014		
Taurus (sw only)		86-98	4105				Y	1	6013		
Thunderbird		92-97	4105				Y	1	6013		
Thunderbird		80-88	4106				Y	1	6015		

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Make/Model	In-bed Hitch Compatible	Year	AIR LEVELING REAR							LEVELING FRONT	
			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Ford Vans											
Windstar		98-03	4106				Y	1	6015		
E150		08-14								4101	6102
E150		75-07	-2171-					2	7076	4101	6102
E100, E150 (may require tailpipe modification)		75-91	-2032-				Y	1.5	6859	4101	6102
E250		98-14								4101	6102
E250 (may require tailpipe modification)		75-91	-2032-				Y	1.5	6859	4101	6102
E350 (with single rear wheels)		98-14	-2181-					2	9000	4101	6102
E350 (may require tailpipe modification)		75-91	-2032-				Y	1.5	6859	4101	6102
Ford SUVs											
Bronco (4WD only) (full size)		90-96	2071 *					2	6781	4102	6111
Bronco (2WD, 4WD)		80-90								4102	6111
Excursion (2WD only)		00-06	-2255-				Y	2	6781		
Excursion (4WD only)		00-06	2251				Y	2	6781		
Expedition (2WD, 4WD) (with rear coil springs)		97-02	4134				Y	1	6022		
Ford Pickup Trucks											
F100 (2WD, 4WD)		68-79	2071 *					2	6781		6111
Ford F150 Pickup Trucks											
F150 (2WD, 4WD) (Not Raptor)		15-19	2582 +				Y	1.5	6781		
F150 (2WD, 4WD) (Not Raptor or FX2)		09-14	2525 +				Y	1.5	6781		
F150 (2WD, 4WD) (with B&W hitch only)	Y	09-14	2542 +				Y	1.5	6781		
F150 Raptor (4WD only)		09-14	2565 +				Y	1.5	9055		
F150 (2WD, 4WD) (not FX2)		04-08	2350 #				Y	1.5	6397		
F150, F150 Heritage (2WD, 4WD)		97-04	2320 ++					2	9000		
F150 (2WD, 4WD)		68-96	2071 *					2	6781	4102	6111

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Ford F250 Pickup Trucks											
F250 Under 8500 GVWR (2WD, 4WD)		97-03	-2320-++					2	9000		
F250 Under 8500 GVWR (2WD only)		69-96	2071 *					2	6781	4101	6102
F250 Under 8500 GVWR (4WD only)		69-96	2071 *					2	6781		
F250 (2WD only)	Y	17-19	2600 *				Y	1.5	6781		
F250 (2WD only)	Y	11-16	2597	2703	2802	2803	Y	2 2.5	6401 8401	4101	6102
F250 (2WD only)	Y	08-10	2550		2800	2801	Y	1.5 2.5	6401	4101	6102
F250 (2WD only)	Y	05-07	-2398-					2	6401	4101	6102
F250 Over 8500 GVWR (2WD only)	Y	99-04	2550		2800	2801	Y	1.5 2.5	6401	4101	6102
F250 Over 8500 GVWR (2WD only)		84-98	2071 *					2	6781	4101	6102
F250 Over 8500 GVWR (2WD only)		69-83	2071 *					2	6781		
F250 (4WD only)	Y	17-19	2605	2707	2820	2821	Y	1.5 2.5	6397 8397	4160	6125
F250 (4WD only)	Y	11-16	2597	2703	2802	2803	Y	2 2.5	6401 8401	4160	6125
F250 (4WD only)	Y	08-10	2550		2800	2801	Y	1.5 2.5	6401	4160	6125
F250 (4WD only)	Y	05-07	2400				Y	1.5	6401	4160	6125
F250 Over 8500 GVWR (4WD only)	Y	99-04	2550		2800	2801	Y	1.5 2.5	6401	2223	6762
F250 Over 8500 GVWR (4WD only)		84-04	2071 *					2	6781	2223	6762
F250 Over 8500 GVWR (4WD only)		69-83	2071 *					2	6781		
Ford F350 Pickup Trucks											
F350 (2WD only)	Y	17-19	2600 *				Y	1.5	6781		
F350 (2WD only) (not V10 gas w/extended cab and 8' bed)	Y	11-16	2597	2703	2802	2803	Y	2 2.5	6401 8401	4101	6102
F350 (2WD only)	Y	08-10	2550		2800	2801	Y	1.5 2.5	6401	4101	6102
F350 (2WD only)	Y	06-07	-2398-				Y	1.5	6401	4101	6102
F350 (2WD only)	Y	05	-2398-				Y	1.5	6401	4160	6125

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Ford F350 Pickup Trucks (continued)											
F350 (2WD only) (not V10 gas w/extended cab and 8' bed)	Y	99-04	2550		2800	2801	Y	1.5 2.5	6401	4101	6102
F350 (2WD only)		70-98	2071 *					2	6781	4101	6102
F350 (2WD only)		63-69	2071 *					2	6781		
F350 (4WD only)	Y	17-19	2605	2707	2820	2821	Y	1.5 2.5	6397 8397	4160	6125
F350 (4WD only)	Y	11-16	2597	2703	2802	2803	Y	2 2.5	6401 8401	4160	6125
F350 (4WD only)	Y	08-10	2550		2800	2801	Y	1.5 2.5	6401	4160	6125
F350 (4WD only)	Y	05-07	2400				Y	1.5	6401	4160	6125
F350 (4WD only)	Y	99-04	2550		2800	2801	Y	1.5 2.5	6401	2223	6762
F350 (4WD only)		84-98	2071 *					2	6781	2223	6762
F350 (4WD only)		63-83	2071 *					2	6781		
Ford F450 Pickup Trucks											
F450 (2WD only)	Y	17-19	2604	2708			Y	1.5	6397 8397		
F450 (2WD only)	Y	14-16	2583				Y	1.5	7701	4101	6102
F450 (2WD only)	Y	11-13	2597	2703	2802	2803	Y	2 2.5	6401 8401	4101	6102
F450 (2WD only)	Y	08-10	2446					2	7701	4101	6102
F450 (4WD only)	Y	17-19	2604	2708			Y	1.5	6397 8397	4160	6025
F450 (4WD only)	Y	14-16	2583				Y	1.5	7701	4160	6025
F450 (4WD only)	Y	11-13	2597	2703	2802	2803	Y	2 2.5	6401 8401	4160	6025
F450 (4WD only)	Y	08-10	2446					2	7701	4160	6025
Ford Commercial Vehicles (vehicles without factory bed)											
E250 (cutaway)		07-08	2061				Y	1.5	6764	4101	6102
E350 (with dual rear wheels)		92-19	2061				Y	1.5	6764	4101	6102
E350 (may require tailpipe modification)		75-91	-2032-				Y	1.5	6859	4101	6102
E450		08-19	2458				Y	1.5	6397	4101	6102

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Ford Commercial Vehicles (vehicles without factory bed) (continued)											
E450		96-07	2377				Y	1.5	6397	4101	6102
E450 (requires 2" clearance above frame)		96-19	2153 +					2	6781	4101	6102
F350 (2WD, 4WD)		17-19	2176 *					2	6781	4160	6125
F350 (2WD, 4WD)		05-08	2176 *					2	6781	4160	6125
F350 (2WD only)		99-04	2176 *					2	6781	4101	6102
F350 (4WD only)		99-04	2176 *					2	6781	2223	6762
F450 (2WD, 4WD)		05-19	2176 *					2	6781	4160	6125
F450 (2WD, 4WD)		99-04	2176 *					2	6781		
F550 (2WD, 4WD) (requires 2" clearance above frame)		05-19	2404 ***					2	7714	4160	6125
F550 (2WD, 4WD) (requires 2" clearance above frame)		99-04	2404 ***					2	7714		
F59		11-12	2170 +					2	6781	2070	0035
Ford Motorhomes Class “C” Vans											
E350 (with dual rear wheels)		92-16	2061				Y	1.5	6764	4101	6102
E350 (may require tailpipe modification)		75-91	-2032-				Y	1.5	6859	4101	6102
E450		08-19	2458				Y	1.5	6397	4101	6102
E450		96-07	2377				Y	1.5	6397	4101	6102
E450 (requires 2" clearance above frame)		96-19	2153 +					2	6781	4101	6102
Ford Motorhomes Class “A”											
E33 (with front coil springs)		92-96	2061				Y	1.5	6764	4101	6102
E33 (with front coil springs)		86-91	-2032-				Y	1.5	6859	4101	6102
F53 (16,000 to 22,000 GVWR) (not Thor m/h for rear kit)		08-12	2170 +					2	6781		
F53 (16,000 to 22,000 GVWR) (not Thor m/h for rear kit)		99-07	2170 +					2	6781	2070	0335
F53		90-98								2070	0335

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Freightliner / Oshkosh / John Deere Motorhomes Class “A”											
"M" and "X" chassis (not XC21) (below 22,000 GVWR)		94-98	2071 *					2	6781		
Honda Vans / SUVs											
Odyssey		05-10	4179					1.5	6020		
Odyssey		99-04	4138					1.5	6017		
Passport (2WD, 4WD)		98-02	4136				Y	1	6014		
Pilot		05-10	4179					1.5	6020		
Pilot		03-04	4138				Y	1	6017		
HUMMER SUVs											
H2, H2 SUT (with rear coil springs)		03-09	4108				Y	1	6003		
Hyundai Car / Van / SUVs											
Accent		07-12	4136				Y	1	6014		
Entourage		07-09	4138					1.5	6017		
Santa Fe, Santa Fe Sport		07-16	4170					1.5	6117		
Tucson		16-18	4176				Y	1	6027		
Veracruz		07-12	4170					1	6117		
Infiniti SUVs											
FX45 (2WD, 4WD)		03-08	4118				Y	1	6118		
QX56		05-09	4150				Y	1	6023		
QX80		16-18	4164				Y	1	6009		
Isuzu SUVs / Truck											
290i, 370i (2WD, 4WD)		06-09	2384				Y	1.5	6397		
Amigo		98-00	4103				Y	1	6014		
Axiom		02-03	4136				Y	1	6014		
Rodeo, Rodeo Sport		98-04	4136				Y	1	6014		
Trooper		92-97	4106				Y	1	6015		

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Jeep SUVs											
Commander (2WD, 4WD)		06-10	4157				Y	1	6005		
Grand Cherokee (2WD, 4WD) (not "Overland")		11-18	4184				Y	1	6014		
Grand Cherokee (2WD, 4WD)		05-10	4157					1.5	6005		
Grand Cherokee (2WD, 4WD) (not "up country")		92-98	4118				Y	1	6118		
Grand Wagoneer (2WD, 4WD)		92-98	4118				Y	1	6118		
Liberty (2WD, 4WD)		08-12	4170					1.5	6017		
Liberty (2WD, 4WD)		02-07	4146					1.5	6005		
Summit (sw only)		92-93	4105				Y	1	6013		
Wrangler (except Rubicon) (2WD, 4WD)		07-17	4173				Y	1	6106		
Wrangler Rubicon (4WD only)		07-17	4172				Y	1	6107		
Wrangler Unlimited (except Rubicon) (2WD, 4WD)		07-17	4173				Y	1	6106		
Wrangler Unlimited Rubicon (4WD only)		07-17	4172				Y	1	6107		
Wrangler (2WD, 4WD)		97-06	4157					1.5	6005		
Kia Van / SUV											
Sportage		16-19	4176					1	6027		
Sedona		06-16	4138					1.5	6017		
Land Rover SUVs											
Defender 90		90-97	4121				Y	1	6003		
Discovery (with rear coil springs)		90-04	4121				Y	1	6003		
Range Rover		90-96	4121				Y	1	6003		
Lexus SUVs											
LX 450		96-98	4124				Y	1	6007		
LX 470		99-07	4124				Y	1	6007		
LX 570		13-18	4135				Y	2	6024		
LX 570		09-12	4164				Y	2	6009		

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Lincoln Cars / CUVs / Truck											
Continental (with rear coil springs)		82-88	4106				Y	1	6015		
Mark IV (with rear coil springs)		84-87	4106				Y	1	6015		
Mark LT (2WD, 4WD)		05-08	2350				Y	1.5	6397		
MKC		15-19	4175				Y	1	6026		
MKZ		11-18	4170				Y	1	6017		
Towncar		80-89	4108				Y	1	6003		
Mazda Van / Truck											
Mazda5		06-13	4168				Y	1	6027		
MPV		96-98	4105				Y	1	6013		
Pickup (2WD only)		72-90	-1130- **				Y	1.5	6873		
Mercury Cars / Van											
Capri		79-86	4103				Y	1	6014		
Colony Park		83-97	4108				Y	1	6003		
Cougar		92-97	4105				Y	1	6013		
Cougar		80-88	4106				Y	1	6015		
Grand Marquis		98-08	4107				Y	1	6021		
Grand Marquis		83-97	4108				Y	1	6003		
Marquis		83-86	4103				Y	1	6014		
Milan		06-08	4168				Y	1	6027		
Sable (sw only)		86-98	4105				Y	1	6013		
Mitsubishi SUVs / Truck											
Expo (2WD, 4WD)		92-93	4105				Y	1	6013		
Outlander		12	4182				Y	1	6026		
Outlander		07-09	4182				Y	1	6026		
Pickup (2WD only)		69-96	-1130- **				Y	1.5	6873		

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Nissan Cars											
Altima		05-15	4105				Y	1	6013		
Maxima		16-17	4105				Y	1	6013		
Maxima		05-08	4105				Y	1	6013		
Nissan Vans											
Quest		12-16	4188				Y	1	6028		
Quest		04-09	4118				Y	1	6118		
Nissan SUVs											
Armada (2WD, 4WD)		06-18	4150				Y	1	6023		
Murano (2WD, 4WD)		16-18	4118				Y	1	6118		
Murano (2WD, 4WD)		15	-4197-				Y	1	6124		
Murano (2WD, 4WD)		03-08	4118				Y	1	6018		
Pathfinder (2WD, 4WD)		13-18	4118				Y	1	6018		
Pathfinder (2WD, 4WD)		06-12	4166				Y	1	6021		
Pathfinder Armada (2WD, 4WD)		04-05	4150				Y	1	6023		
Pathfinder (2WD, 4WD)		87-95	4106				Y	1	6015		
Rogue (2WD, 4WD)		14-18	4175				Y	1	6026		
Xterra (2WD, 4WD)		05-15	-2409-				Y	1.5	9002		
Nissan Pickup Trucks											
Frontier (2WD, 4WD)		05-18	2558				Y	1.5	6766		
Pickup (2WD only)		69-96	-1130- **				Y	1.5	6873		
Titan XD	Y	16-19	2594				Y	1.5	6781		
Titan (2WD, 4WD)		04-15	2355				Y	1.5	6781		
Oldsmobile Cars											
Aurora		95-04	4105				Y	1	6013		
Bravada (2WD, 4WD) (with rear coil springs)		02-05	4106				Y	1	6015		
Calais, Cutlass, Cutlass Supreme (not sw)		73-87	4114				Y	1	6008		
Cutlass Cierra		82-96	4103				Y	1	6014		

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			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Oldsmobile Cars (continued)											
Cutlass Cruiser (sw only) (fwd only)		84-95	4103				Y	1	6014		
Delta 88, 98 (fwd only)		85-99	4107				Y	1	6021		
LSS		96-01	4107				Y	1	6021		
Toronado		79-85	4106				Y	1	6015		
Plymouth Cars / Truck											
Acclaim		89-95	4105				Y	1	6013		
Arrow		80-93	-1130- **				Y	1.5	6873		
Caravelle		85-88	4105				Y	1	6013		
Reliant		81-94	4105				Y	1	6013		
Sundance		87-93	4105				Y	1	6013		
Pontiac Cars											
6000		82-91	4103				Y	1	6014		
Bonneville (fwd only)		00-05	4105				Y	1	6013		
Bonneville (fwd only)		87-99	4107				Y	1	6021		
Firebird, Trans Am		82-02	4103				Y	1	6014		
Grand Prix		73-87	4114				Y	1	6008		
Grand Prix		65-68	4114				Y	1	6008		
Ram Vans (For Dodge vans before 2010, see Dodge listing)											
ProMaster City		15-18	4199					1	6114		
Caravan, Grand Caravan		08-16	4169					1	6013		
Caravan, Grand Caravan		96-07	-1005-				Y	2	7217		
C/V		08-16	4192					1	6028		
Ram 1500 Pickup Trucks (For Dodge trucks before 2010, see Dodge listing)											
Ram 1500 (2WD, 4WD) (not Power Ram or Rebel)	Y	10-19	2595				Y	2	9047		
Ram 1500 (2WD, 4WD) (not Power Ram or Rebel)	Y	10-18	4185				Y	1	6133		

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■ = Coil-Rite

■ = RED Label

APPLICATION GUIDE

Make/Model	In-bed Hitch Compatible	Year	AIR LEVELING REAR							LEVELING FRONT	
			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Ram 2500 Pickup Trucks (For Dodge trucks before 2010, see Dodge listing)											
Ram 2500 (2WD only)	Y	14-19	2598	2706			Y	1.5	6873 8873	4193	6103
Ram 2500 (4WD only)	Y	14-19	2580	2706			Y	1.5	6873 8873	4193	6103
Ram 2500 (2WD, 4WD)	Y	13	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 2500 (2WD only)	Y	10-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 2500 (4WD only)	Y	10-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401	-1004-	7215
Ram 3500 Pickup Trucks (For Dodge trucks before 2010, see Dodge listing)											
Ram 3500 (2WD only) (not factory air assist)	Y	14-19	2579				Y	1.5	6401	4193	6103
Ram 3500 (4WD only) (not factory air assist)	Y	13-19	2560	2705			Y	1.5	6401 8401	4193	6103
Ram 3500 (2WD only)	Y	10-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 3500 (4WD only)	Y	10-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401	-1004-	7215
Ram Commercial Vehicles (vehicles without factory bed) (For Dodge trucks before 2010, see Dodge listing)											
Ram 3500 HD (2WD, 4WD)		07-19	2478 +					2	6781		
Ram 4500, 5500 (2WD, 4WD) (requires 2" clearance above frame)		07-19	2404 ***					2	7714		
Ram 2500 (2WD, 4WD) (not dually, with box delete)	Y	04-08	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
Ram 3500 (4WD only) (dually only, with box delete)	Y	06-12	2299	2701	2804	2805	Y	1.5 2.5	6401 8401		
D3500, W3500 (2WD, 4WD) (cab & chassis)		94-02	2220				Y	2	6781		
Saturn Van											
Relay		05-07	4155				Y	1	6020		
Scion Cars											
xA		04-07	4136				Y	1	6014		
xB		08-16	4136				Y	1	6014		
Sterling Commercial Vehicles (vehicles without factory bed)											
Bullet (2WD, 4WD) (cab & chassis)		08-09	2478 +					2	6781		

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Make/Model	In-bed Hitch Compatible	Year	AIR LEVELING REAR							LEVELING FRONT	
			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Toyota Cars											
ECHO		01-05	4118				Y	1	6118		
Prius		10-17	4136				Y	1	6014		
Yaris		07-16	4136				Y	1	6014		
Toyota Vans											
Sienna (not AWD)		04-19	4155				Y	1	6020		
Sienna		98-03	4118				Y	1	6118		
Van (with rear coil springs)		64-89	4112				Y	1	6006		
Toyota SUVs											
RAV4 (2WD, 4WD)		07-18	4174				Y	1	6028		
FJ Cruiser		07-14	4135				Y	2	6024		
4Runner		98-19	4135				Y	2	6024		
4Runner		90-95	4112				Y	1	6006		
Sequoia (with rear coil springs)		17-19	4124				Y	1	6007		
Sequoia (with rear coil springs)		08-16	4164				Y	1	6009		
Sequoia		01-07	4124				Y	1	6007		
Land Cruiser		08-19	4164				Y	2	6009		
Land Cruiser		91-07	4124				Y	1	6007		
Toyota Pickup Trucks											
Pickup (2WD only)		69-95	-1130- **				Y	1.5	6873		
Tacoma (2WD only)		05-19	2410				Y	1.5	6762		
Tacoma Prerunner (2WD only)		05-19	2407				Y	1.5	6766		
Tacoma Prerunner (2WD only)		95-04	2304 #					2	6781		
Tacoma (4WD only)		05-19	2407				Y	1.5	6766		
Tacoma (4WD only)		95-04	2304 #					2	6781		
Tundra (2WD, 4WD), TRD	Y	07-19	2445		2810	2811	Y	1.5 2.5	6410		
Tundra TRD (2WD only)		00-06	2245					2	6781		
Tundra (4WD only)		00-06	2245					2	6781		

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APPLICATION GUIDE

Make/Model	In-bed Hitch Compatible	Year	AIR LEVELING REAR							LEVELING FRONT	
			Rear Kit	RED Label	All-In-One F3 Wireless	All-In-One Analog	No Drill	Time (hours)	Replacement Air Spring	Front Kit	Replacement Air Spring
Volkswagen Cars											
CC		09-18	4176				Y	1	6027		
Beetle (not turbo)		12-18	4176				Y	1	6027		
Beetle Turbo		12-18	4175				Y	1	6026		
Eos		07-16	4176				Y	1	6027		
Golf		11-18	4176				Y	1	6027		
Golf GTI		07-18	4176				Y	1	6027		
Golf TDI		11-18	4176				Y	1	6027		
Golf Sport Wagen		16-18	4176				Y	1	6027		
Jetta		12-18	4176				Y	1	6027		
Jetta (not TDI)		07-10	4175				Y	1	6026		
Jetta Sport Wagen		12-13	4176				Y	1	6027		
Jetta Sport Wagen		09-10	4176				Y	1	6027		
Passat		12-18	4176				Y	1	6027		
Passat (not TDI)		98-06	4105				Y	1	6013		
Passat Wagen		07-09	4175				Y	1	6026		
Volkswagen Vans											
Routan		09-12	4169					1.5	6013		
Euro Van, T-4		85-03	4117				Y	1	6004		
Volkswagen SUVs											
Atlas		18	4175				Y	1	2026		
Tiguan		09-18	4176				Y	1	6027		

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Determine the correct spacer for your lifted vehicle

Lift spacers can be used with most Ride-Rite™ air spring kits, but not with Coil-Rite™ kits. The lift spacer needs to be the same length as the amount of lift applied to the axle on which the air spring is being installed. **Note that a six inch lift does not mean you need a six inch lift spacer!**

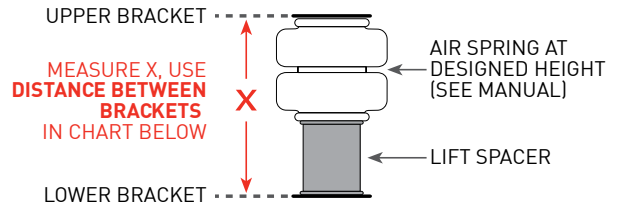
6"
LIFT

≠

6"
SPACER

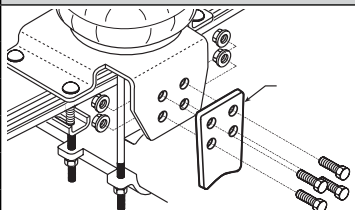
MEASURE YOUR SPACING

Measure while truck has all four wheels on ground or jack stands



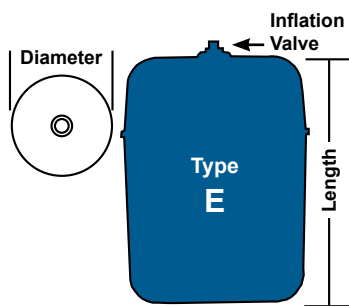
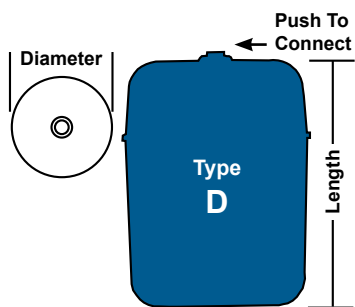
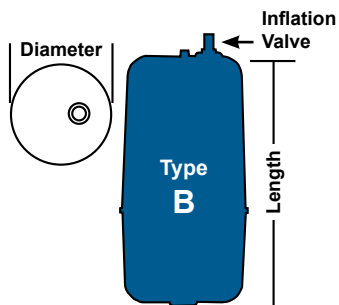
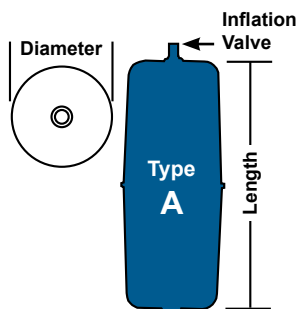
Most six inch lifts only have four inches of lift in the rear to level out the truck. This holds true for the shorter lift kits as well.

LIFT SPACERS*			
	Distance Between Brackets	Lift Spacer Height	Lift Spacer Number
	6.5"-7.5"	1.25"	2536 (PACKAGES OF 2)
	7.5"- 8.5"	2"	2366 (PACKAGES OF 2)
	8.5" - 9.5"	3"	2367 (PACKAGES OF 2)
	9.5" - 10.5"	4"	2370 (PACKAGES OF 2)
	11.5" - 12.5"	6"	2374 (PACKAGES OF 2)

AXLE EXTENSION BRACKETS FOR LIFTED VEHICLES*			
	SOME KITS / BRACKETS MAY REQUIRE DRILLING. USE THE EXTENSION BRACKET AS A TEMPLATE TO MARK AND DRILL THE HOLES.		
	Lift	Kit Number	Make/Model Number
	2"	2506	Tundra 07-17 2445
	3"	2507	
	4"	2508	
	5"	2509	
	6"	2510	

*Only compatible with Ride-Rite™ convoluted kits

COIL-RITE™ SERVICE PARTS & TECH SPECS



Coil-Rite™ Spring	Diameter	Length	Type
6003	4.75"	10.00"	D
6004	4.75"	6.50"	D
6005*	5.50"	5.00"	D
6006*	5.50"	7.00"	D
6007*	5.50"	8.00"	D
6008	5.50"	9.00"	D
6009*	5.50"	10.00"	D
6013*	4.00"	5.00"	D
6014*	4.00"	8.00"	D
6015*	4.00"	9.00"	D
6017*	4.75"	4.00"	D
6018*	4.00"	7.00"	D
6019*	4.00"	12.00"	D
6020*	4.75"	6.50"	D
6021*	4.75"	9.00"	D
6023*	4.75"	12.00"	D
6024*	4.75"	7.50"	D
6026*	3.56"	8.75"	D
6027	3.56"	7.00"	D
6028*	4.00"	6.00"	D
6100	3.56"	10.50"	A
6102*	4.00"	11.00"	B
6103*	4.75"	10.00"	E
6106*	5.50"	7.00"	E
6107*	5.50"	8.00"	E
6111*	4.00"	8.00"	E
6114	4.00"	8.00"	E
6117*	4.75"	4.00"	E
6118*	4.00"	7.00"	E
6124	4.75"	7.50"	E
6125*	4.00"	11.00"	E
6133	4.38"	11.00"	E

*Available in kit form only.

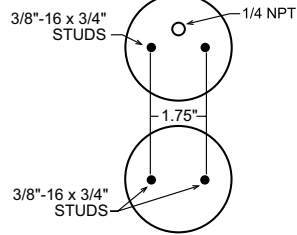
Standard Air Springs – up to 100 PSI

268C

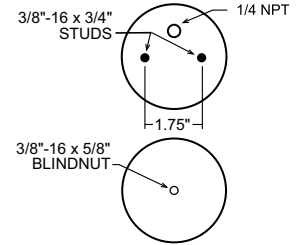


Compressed Height 2.80"
Extended Height 7.00"
Ride Height 4.50" - 5.50"
Max. Diameter 6.40"

6764



6762



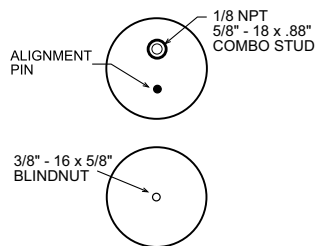
1600 lbs. per air spring*

267C 1.5

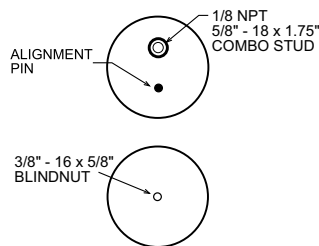


Compressed Height 2.80"
Extended Height 8.30"
Ride Height 5.50" - 6.50"
Max. Diameter 6.60"

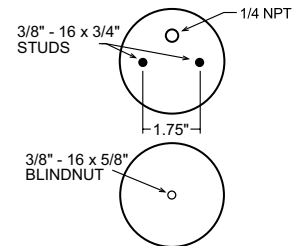
6397



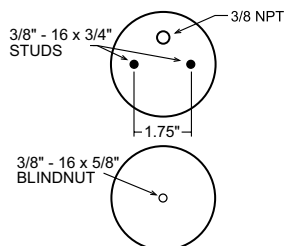
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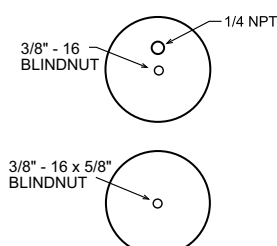
6781



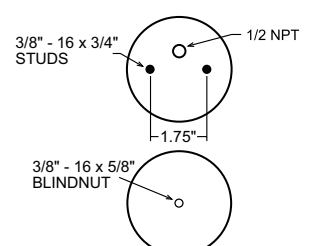
6782



6784



7882



2400 lbs. per air spring*

*Load is nominal @ 100 PSI. Load will vary with height & pressure. Values shown are at ride height.

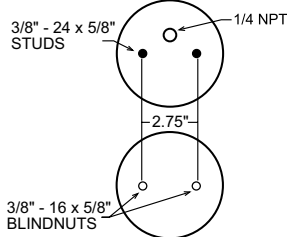
SERVICE AIR SPRINGS & TECH SPECS

224C

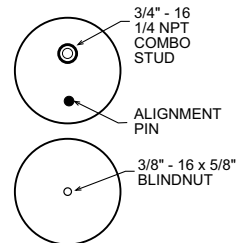


Compressed Height 3.00"
Extended Height 8.91"
Ride Height 5.50" - 7.00"
Max. Diameter 7.52"

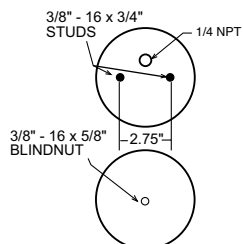
0335



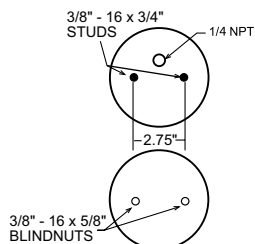
6401



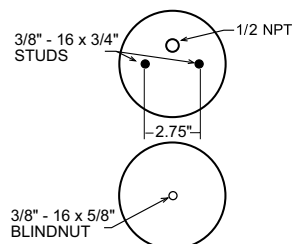
6873



6859



6776



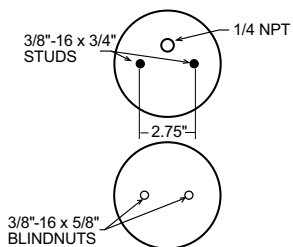
2500 lbs. per air spring*

26C

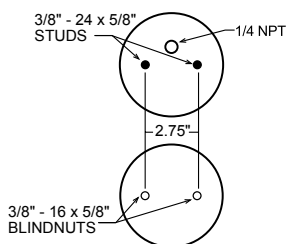


Compressed Height 3.00"
Extended Height 9.00"
Ride Height 7.00" - 8.00"
Max. Diameter 8.60"

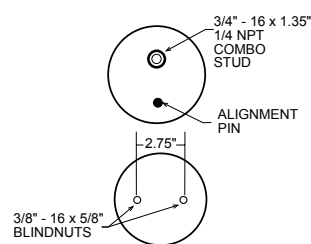
7714



7325



7701



2800 lbs. per air spring*

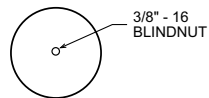
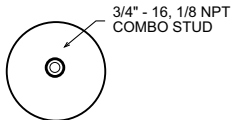
*Load is nominal @ 100 PSI. Load will vary with height & pressure. Values shown are at ride height.

SERVICE AIR SPRINGS & TECH SPECS

70mm



7076



Compressed Height 3.95"
Extended Height 10.50"
Ride Height 7.00"
Max. Diameter 5.00"

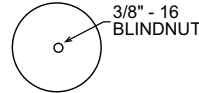
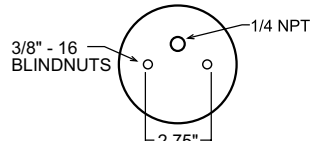
1000 lbs. per air spring*

110/70



Max. Diameter 5.70"

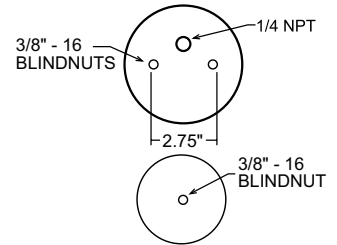
9000



Compressed Height 6.25"
Extended Height 10.25"
Ride Height 8.25"

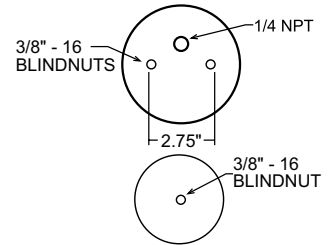
1200 lbs. per air spring*

9001



Compressed Height 4.37"
Extended Height 8.37"
Ride Height 6.38"

9002



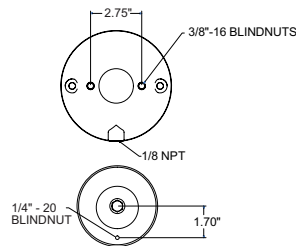
Compressed Height 5.25"
Extended Height 9.25"
Ride Height 7.25"

140/95



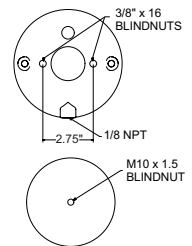
Max. Diameter 6.44"

9047



Compressed Height 8.00"
Extended Height 17.80"
Ride Height 11.34"

9055



Compressed Height 6.50"
Extended Height 13.50"
Ride Height 8.90"

1500 lbs. per air spring*

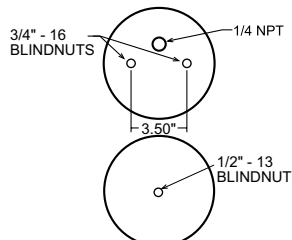
*Load is nominal @ 100 PSI. Load will vary with height & pressure. Values shown are at ride height.

SERVICE AIR SPRINGS & TECH SPECS

1T14C1



2107



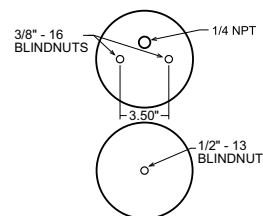
Compressed Height 4.25"
Extended Height 13.60"
Ride Height 9.80"
Max. Diameter 9.10"

3200 lbs. per air spring*

1T14C3



5405



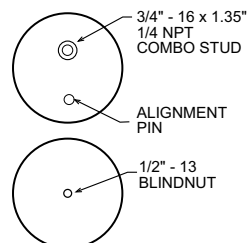
Compressed Height 5.80"
Extended Height 15.75"
Ride Height 10.50"
Max. Diameter 9.10"

3200 lbs. per air spring*

1T14CB

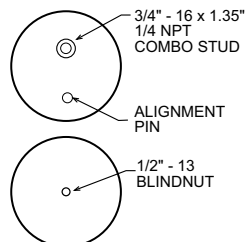


5295



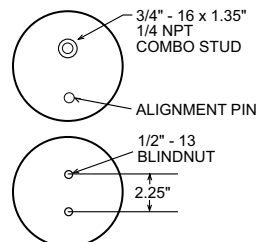
Ride Height 6.70"
Maximum Diameter 9.20"

5294



Ride Height 6.00"
Maximum Diameter 9.20"

2093



Ride Height 7.75"
Maximum Diameter 9.20"

3200 lbs. per air spring*

*Load is nominal @ 100 PSI. Load will vary with height & pressure. Values shown are at ride height.

RED Label™ Extreme Duty Air Springs – up to 150 PSI per air spring

Firestone continues to raise the bar on high pressure and high quality air springs with our RED Label™ edition. The air spring operates up to 150 PSI and has a test pressure of 400 PSI. *The RED Label™ parts are not intended to supplement the standard air springs in the standard Ride-Rite™ kits. The RED Label™ parts are intended for use with RED Label™ kits or on custom applications only.*

267C 1.5



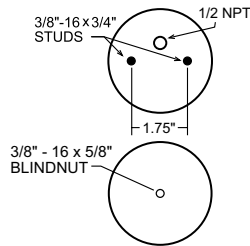
Compressed Height 2.80"
Extended Height 8.30"
Ride Height 5.50" - 6.50"
Max. Diameter 6.60"

224C

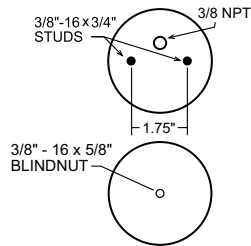


Compressed Height 3.00"
Extended Height 8.91"
Ride Height 5.50" - 7.00"
Max. Diameter 7.52"

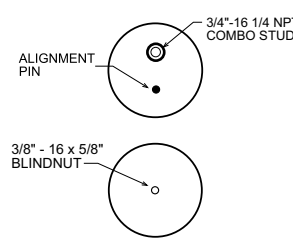
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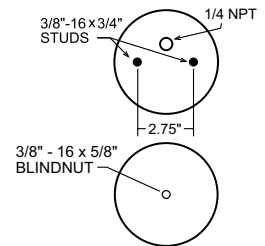
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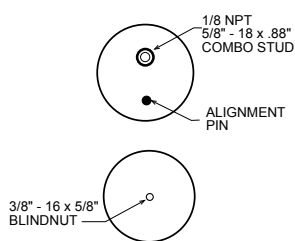
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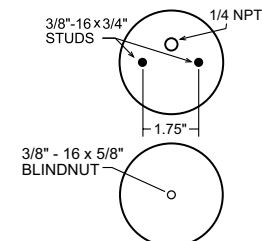
8873



8397



8781



2800 lbs. per air spring*

3250 lbs. per air spring*

1/8 NPT = 0.405"

1/4 NPT = 0.540"

3/8 NPT = 0.675"

1/2 NPT = 0.840"

*Load is nominal @ 150 PSI. Load will vary with height & pressure. Values shown are at ride height.

Which Air Command™ system is best for you?

Firestone Air Command systems provide an instant air source for air suspension products. Adjust the ride for various load and road conditions with a flip of a switch or even a click on a remote. Individual air accessory components are also available, including compressors, air tanks, and mounting solutions, providing a wide variety of air control assist solutions.

Kit grade	Best uses and benefits	Frequency of use	Load Weight	Max PSI	Air Tank Gallons	
Standard 1 	Most loads General use All Ride-Rite™ & Coil-Rite™ kits Up to 100 PSI	● ○ ○ ○ ○	● ○ ○ ○ ○		-	
Standard 2 	Small to medium loads Faster fill times than Standard 1 Capable of longer compressor run times than Standard 1	● ● ● ○ ○	● ● ● ○ ○		-	
Professional 1 	Heavy loads Quieter compressor Faster fill times than Standard 2 Up to 150 PSI	● ● ● ● ●	● ● ● ● ●		-	
Professional 2 	Similar to Professional 1 Includes air tank Includes air hose – great for motorcycle, golf cart, or trailer tire inflation Extended warranty period	● ● ● ● ●	● ● ● ● ●		1/2	
Professional 3 	Similar to Professional 2 Larger capacity air tank Inflate off-road and truck tires easily with included air hose Extended warranty period	● ● ● ● ●	● ● ● ● ●		2	

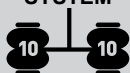
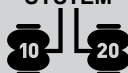
*For more details on compressor specs, see chart on page 38.

Air Command™ systems

Determine which kit grade is best for your use, then reference the chart below for the corresponding kit number.

See page 4 for information on the new Wireless App kit, available January 2019



	AIR COMMAND™ AIR COMPRESSOR KITS									
	SINGLE LEVELING SYSTEM 		DUAL LEVELING SYSTEM 				 Compressor*	 Tank	 Air Hose	 Warranty Years
	Analog 		Analog 		F3 Wireless 					
	Kit Number	Mounting Plate	Kit Number	Mounting Plate	Kit Number	Mounting Plate(s)				
	2538	2497	n/a	n/a	2581	2588	 9523	n/a	n/a	1
	2158	2497	2178	2497	2589	2588	 9284	n/a	n/a	1
	2097	2497	2219	2497	2590	2588	 9499	n/a	n/a	2
	2266	2530	2168	2530	2591	2588 2496	 9499	 9124	 9006	2
	2543	2530	2549	2530	2592	2588 2530	 9287	 9420	 2311	2

*For more details on compressor specs, see chart on page 38.

AIR ACCESSORY SYSTEMS

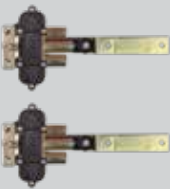
Air Supply Kits

Air Supply kits offer an on-board air source for inflating air springs, tires, rafts, and other pneumatic components. Kits include a compressor, an air tank, and a 25 ft. extension hose.

AIR SUPPLY KITS				
	Kit Number	Compressor	Air Tank	Hose
Professional 2	2047	9499 	9124 (1/2 gallon) 	9006 
Professional 2	2239	9499 	9127 (3 gallon) 	2311 

Height Control Valve Kits

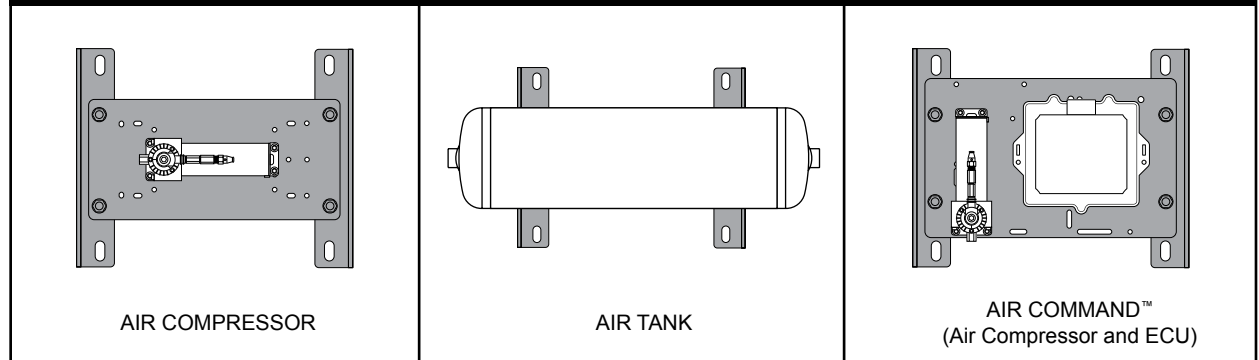
Height Control Valve kits automatically control the air spring height. Choose single or dual height leveling. Requires Air Command™ or Air Supply system.

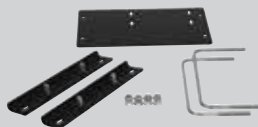
HEIGHT CONTROL VALVE KITS			
Use With	Kit Number	Single or Dual Leveling	Valve(s)
Professional 2 or Professional 3	2186	Single 	
Professional 2 or Professional 3	2017	Dual 	

No-drill, easy-to-install Air Accessories

Firestone's Air Accessory Mounting kits allow the compressor only, tank only, or entire air accessory system to be pre-assembled. The plate with the assembled accessory system can easily be attached to the frame, without drilling, using bail clamps.

INSTALLATION EXAMPLES USING AIR ACCESSORY MOUNTING KITS



AIR ACCESSORY MOUNTING KITS			
Kit Number	Used to Mount	Kit Components	Works with These Kits
2496	Air Tanks		All Firestone tanks except 9166
2497	Compressors		For use with All-In-One Analog kits (page 5) 2097 9284 2158 9287 2178 9377 2219 9499 2538
2530	Air Tank and Compressor		2047 2266 2168 2543 2198 2549 2232 2591* 2239 2592*
2588	Air Command™ kits		For use with All-In-One Wireless kits (page 5) 2581 2589 2590 2591* 2592*

*For 2591 Standard 2 Remote Air Command, use the 2588 and 2496.
For 2592 Standard 3 Remote Air Command, use the 2588 and 2530.

CONTROL PANELS

Provide air at the flip of a switch

Control Panels can be added to existing air supply setups to offer air pressure control at the flip of a switch. See important note about electric and pneumatic options.

METAL CONTROL PANELS						
Single Control			Dual Control			Monitoring Only
						
4.38" x 2.75"			5.75" x 2.75"			3" x 2.75"
Pneumatic		Replacement Gauge (2.03" dia.)	Pneumatic		Replacement Gauge (2.07" dia.)	Monitoring Gauge
White	2225	9181	White	2241	9201	White
Black	2149		Black	2145		2196
Electric		Replacement Gauge (2.03" dia.)	Electric		Replacement Gauge (2.07" dia.)	
White	2229	9181	White	2260	9201	
Black	2191					

PLASTIC CONTROL PANELS				
Single Control			Dual Control	
				
5.25" x 2.73"			6.50" x 2.9"	
Pneumatic		Replacement Gauge	Pneumatic	Replacement Gauge
White	2570	9181	White	2574
				9201
Electric		Replacement Gauge	Electric	Replacement Gauge
White	2572	9181	White	2576
				9201

REPLACEMENT SWITCH - ALL CONTROL PANELS	
Pneumatic	9074 - With Air Tank
Electric	9039 - No Air Tank

How do I know if I need a pneumatic or an electric control panel?

- Pneumatic control panels are used in systems that utilize tanks and pull air from the tank
- Electric control panels do NOT require a tank, and activate the compressor directly

What is the difference between single and dual control panels?

- Single control panels inflate and deflate one pair of air springs
- Dual control panels inflate and deflate two individual air springs or two pairs

Air Compressors

Firestone's air compressors are included in all Air Command™ systems, but may also be purchased separately. All Firestone compressors are direct drive compressors (no oil or belts), so the compressors can be mounted in any position. Compressors should be mounted in a clean air location. Mounting holes are 3/16".

AIR COMPRESSORS											
2538				9284				9385			
											
Compressor Dimensions		Drill Hole Dimensions		Compressor Dimensions		Drill Hole Dimensions		Compressor Dimensions		Drill Hole Dimensions	
Length	7.63"	Length	5.50"	Length	6.30"	Length	5.54"	Length	8.00"	Length	7.19"
Width	2.11"	Width	1.41"	Width	3.27"	Width	2.72"	Width	3.95"	Width	3.31"
Height	4.31"			Height	5.20"			Height	6.30"		
9287				9164				DO NOT SUBMERGE The compressors are designed to withstand the normal driving conditions of debris and moisture. Care should be taken that the compressors are not submerged into water.			
											
Compressor Dimensions		Drill Hole Dimensions		Compressor Dimensions							
Length	11.24"	Length	8.31"	Length	12.54"						
Width	3.94"	Width	3.31"	Width	5.65"						
Height	6.85"			Height	8.86"						

Air Compressor	Part No.	Max. Air Pressure	Air Tank Use (up to gal.)	Duty Cycle†	Max. AMP Draw	0 - 30 PSI*	0-60 PSI*	Wty** (yr)	Repl. Filter	CFM @ 100 PSI*
Standard 1	9523	120 PSI (8.3 BAR)	n/a	9%	10 AMPS	17 sec.	42 sec.	1	9129+	.32
Standard 2	9284	130 PSI (9.0 BAR)	1	15%	14 AMPS	15 sec.	30 sec.	1	9350	.57
Professional 1	9499	150 PSI (10.4 BAR)	3	30%	13 AMPS	14 sec.	35 sec.	2	9129+	.40
Professional 2	9287	150 PSI (10.4 BAR)	6	100%	23 AMPS	7 sec.	18 sec.	2	9350	.94
Professional 3	9164	100 PSI (6.9 BAR)	6	100%	28 AMPS	—	—	2	—	1.10

*Indicates flow rate - how long it takes to fill 1/2 gallon air tank.

** See product-specific warranty guidelines for more information regarding warrantable manufacturing defects.

†Packs of 10 filters. †Duty cycle: time compressor is on.

SERVICE PARTS

Inflation Valve

(RETAIL PACK OF 2)

3467 - 1/4" tubing

(BULK BAG OF 6)

3457 - 1/4" tubing

(BULK BAG OF 25)

3032 - 1/4" tubing



Male Connector

(RETAIL PACK OF 2)

3465 - 1/4" tubing - 1/8 NPT

3463 - 1/4" tubing - 1/4 NPT

(BULK BAG OF 6)

3454 - 1/4" tubing - 1/8 NPT

3455 - 1/4" tubing - 1/4 NPT

(BULK BAG OF 25)

3046 - 1/4" tubing - 1/4 NPT



Male Elbow

(RETAIL PACK OF 2)

3462 - 1/4" tubing - 1/4 NPT

(BULK BAG OF 6)

3456 - 1/4" tubing - 1/4 NPT

(BULK BAG OF 25)

3128 - 1/4" tubing - 1/8 NPT

3031 - 1/4" tubing - 1/4 NPT



Union T (Push-To-Connect)

(RETAIL PACK OF 1)

3461 - 1/4" tubing

(BULK BAG OF 6)

3453 - 1/4" tubing

(BULK BAG OF 25)

3025 - 1/4" tubing



Male Branch Swivel T

(BULK BAG OF 25)

3273 - 1/4" tubing - 1/4 NPT



Pressure Switch

(RETAIL PACK OF 1)

9016 - 1/8 NPT Male, 90–120 PSI

9193 - 1/8 NPT Male, 100–150 PSI



Sealed Pressure Switch

(RETAIL PACK OF 1)

9401 - 1/8 NPT Male, 90–120 PSI

9402 - 1/8 NPT Male, 110–145 PSI



Compressor Check Valve

(RETAIL PACK OF 1)

3468 - 1/8 NPT



Compressor T

(RETAIL PACK OF 1)

3066 - 1/4" tubing - 1/8 NPT



Union

(RETAIL PACK OF 1)

3466 - 1/4" tubing

(BULK BAG OF 10)

3079 - 1/4" tubing

3114 - 1/4"– 3/8" tubing



Tubing Cutter

(RETAIL PACK OF 1)

9009 - Air Line Cutter



Coil-Rite™ Elbow Fitting

(RETAIL PACK OF 1)

3438 - Shrader to Push-To-Connect



Coil-Rite™ Straight Fitting

(RETAIL PACK OF 1)

3439 - Shrader to Push-To-Connect



Wire Harness

(RETAIL PACK OF 1)

9307 - Switch Active

Used with electric gauge panels

9419 - Ignition Active

Used in compressor/tank kits only



Inflation Valve Bracket

(RETAIL PACK OF 1)

7560



Fuse Tap Kit

(RETAIL PACK OF 1)

2526 - The Fuse Tap kit provides an easy, low-impact method to connect the wire harness to the fuse box without splicing or soldering. Keeps the original circuit intact.



Extension Hoses

9006 - 25-ft. Extension Hose

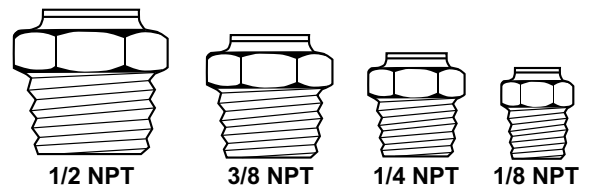
2311 - Hose with gauge



Helpful Tools

The scale shown below may be used to assist in identifying the correct NPT (National Standard Taper Pipe Thread) fitting. Thread sealant is applied to the tapered threads. If the fitting is removed, use Teflon tape during reinstallation to prevent air leaks.

SHOWN ACTUAL SIZE



NPT Size	Nominal Outside Diameter
1/2	0.840"
3/8	0.675"
1/4	0.540"
1/8	0.405"

SERVICE PARTS

Dealer Fitting Pack 1

2359

Includes 4 each: 1/4" union Ts, inflation valves, 1/4 NPT elbow fittings.



Dealer Fitting Pack 2

2360

Includes 4 each: 1/4" union Ts, inflation valves, 1/4 NPT elbow fittings, and 2 each: 1/4" unions, 1/4 NPT straight fittings.



Dealer Fitting Pack 3

2395

Includes 6 each: 1/4 NPT elbow fittings, inflation valves.
Includes 2 each: Union Ts, 1/4 NPT straight fittings, union fittings.
Also includes 100' of 1/4" air line tubing.



Dealer Fitting Pack 4

2567

Includes 4 each: 1/4" union Ts, inflation valves, 1/8 NPT straight fittings.



Ride-Rite™/Sport-Rite™
Air Line Service Kit

2012

Includes 18' of red 1/4" air line, two 1/4 NPT elbow fittings, one union T, and two inflation valves.



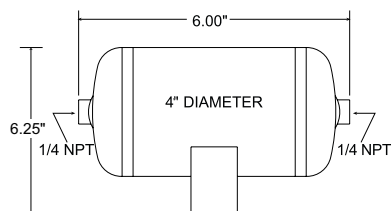
AIR LINE TUBING			
Size	Length (ft.)	Color	Part No.
1/4"	30	Red	9416
1/4"	100	Red	9145
1/4"	30	Black	9153
Coil-Rite™ 90° tubing	18	Blue	0006
Coil-Rite™ Straight tubing	18	Blue	0048

Expand your air supply capabilities in the field

Firestone offers a wide selection of air tanks ranging from 1/4 gallon to 20 gallons. These air tanks are coated internally and externally to resist corrosion. They are tested to SAE J10 compliance and are capable of 150 PSI maximum pressure. All tanks are made in the USA.

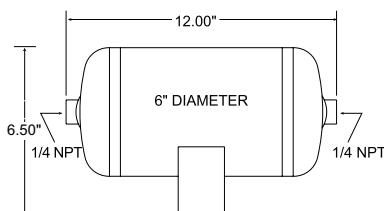
1/4 Gallon Air Tank

9166

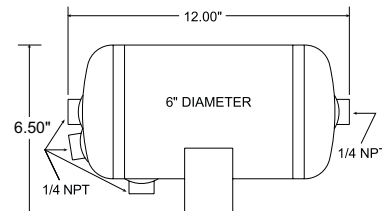


1 Gallon Air Tanks

9125

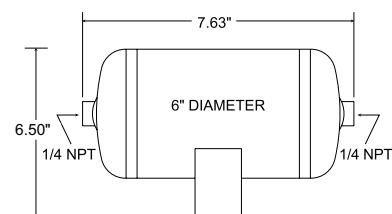


9244



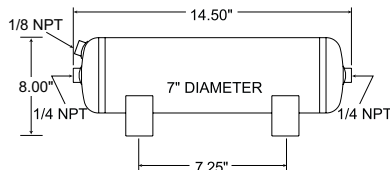
1/2 Gallon Air Tank

9124

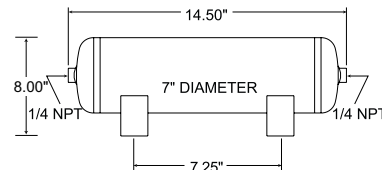


2 Gallon Air Tanks

9420

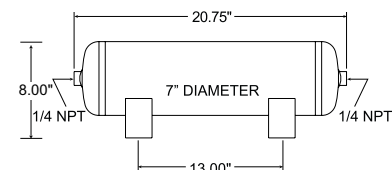


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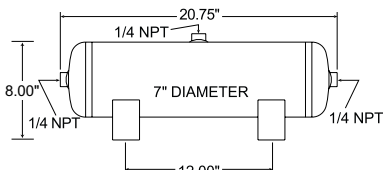


3 Gallon Air Tanks

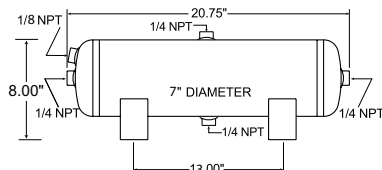
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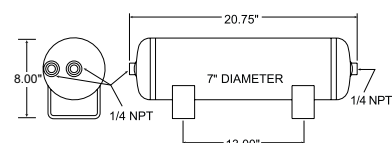
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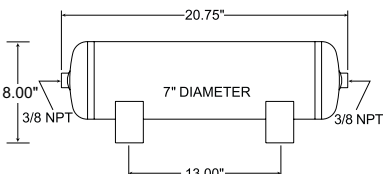
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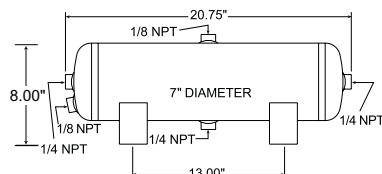
9154



9229

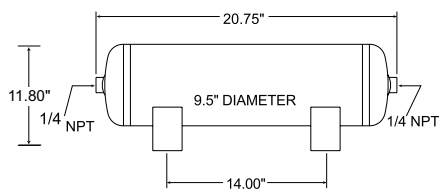


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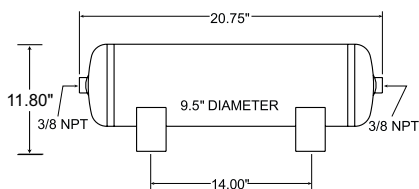


5 Gallon Air Tanks

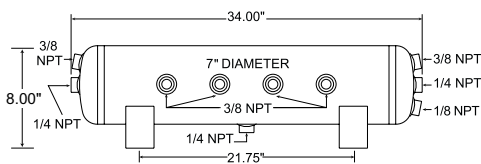
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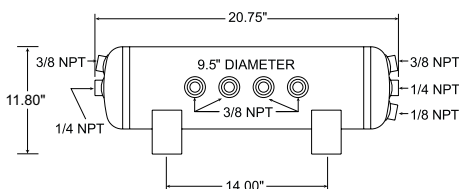
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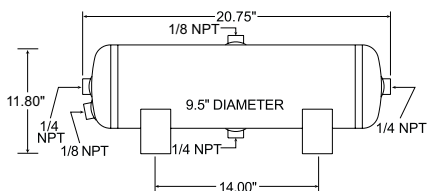
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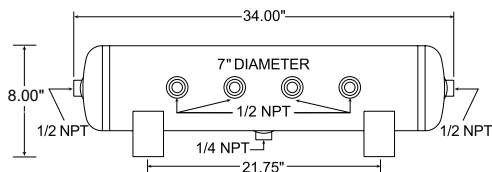
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9246

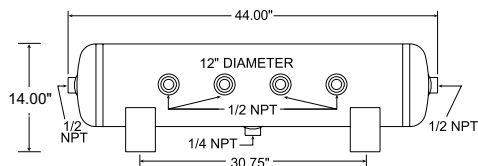


9248



20 Gallon Air Tank

9277



Helping you help your customers

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.

Ride-Rite™ Floor Display

9975
20" wide x 60" tall
pop-up display.



Ride-Rite™ Part Display

9999
18" w x 18.5" h (19.5 lbs.)
display with plastic pocket
and 25 brochures.



Ride-Rite™ Banner

9982
Contact Customer Service
to order.



Counter Mat

9988
Promote sales with our full color 16" x 20"
counter mat. A great marketing piece to
attract attention.



Consumer Brochure

8191
Learn in detail what
Firestone air springs
can do for your ride in
our consumer brochure.
25 per pack
(used in 9985 and 9999)



Ride-Rite™ Decal

9372 - Full color
9524 - Chrome
Use the popular 3" x 6" Ride-Rite™
decal on windows, tool boxes, or
as counter giveaways.
25 per pack



Mechanic's Gloves

Small/Med. 9345
Large 9346
Packaged individually.



WARRANTY GUIDE

Coverage

What's covered

Firestone Industrial Products Company's Ride-Rite™ kits, components, and accessories are warranted against defects in workmanship and materials. This only applies to Firestone manufactured light duty kits.*

What's not covered

This limited warranty does not cover service or labor charges, freight or customs charges, lost wages due to down-time, neglect, abuse, misuse, misapplications, improper installation, failure due to external conditions or interference, overloading or alterations to the product, wear and tear, if bought from eBay, Craigslist, or other non-dealer sources, or custom applications.*

What's the period of coverage*

RIDE-RITE™, SPORT-RITE™, COIL-RITE™ KITS	
Air Springs	Hardware & Brackets
Limited Lifetime	2 Years
AIR-RITE™ ACCESSORIES	
Bumpers, Hardware, Fittings & Air Line	
2 Years	
Air Compressor	
1-2 Years (depending on model, refer to the website for specifics)	

*Firestone reserves the right to change product components, specifications, and/or designs at any time for any reason without obligation to retrofit prior versions. Firestone supplies air springs to other manufacturers, including air, hitch, and other suspension companies. The air spring and component warranties for non-Firestone manufactured kits and systems are covered by the manufacturer of those products.

Ride-Rite™ Warranty Evaluation Guide

Firestone air springs are designed to provide years and thousands of miles of trouble-free service. The durability of Firestone air springs is such that they will often outlast other maintenance items on your suspension, such as bushings, shocks, and other components. Ride-Rite™ air springs are warranted to be free of material defects and/or workmanship for as long as the original purchaser owns the vehicle on which it was originally installed. The hardware and brackets which accompany the air spring are warranted for a period of twenty-four (24) months. This limited warranty begins on the original retail delivery date. Firestone may provide replacement parts if the hardware and/or brackets were determined by Firestone to be warrantable. All labor and incidental costs associated with replacing the defective air spring are the responsibility of the consumer.

Firestone offers a complete line of air springs, with products available for a variety of applications. Since each individual air spring is closely examined and pressure tested at the factory, the vast majority of warranty claims are found not to be defective; and failure typically occurs because of abuse caused by other problems associated with the suspension or a lack of sufficient air pressure.

The information on the following pages was developed to illustrate common types of failures that may occur and to assist you in determining the cause and corrective action required.

Firestone

Firestone Industrial Products

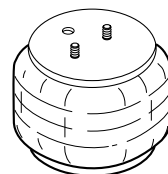
Phone: 1.800.888.0650 Ext. 1

Email: rrtech@fsip.com

If emailing, please include the following:

- Name
- Phone
- Address
- Vehicle Make/Model
- Kit part number, if known
- Where and when you purchased the kit
- Brief description of issue
- Photos are helpful to identify part numbers and failure mode. If you cannot provide photos, Firestone can provide a shipping label for you to return the parts with a copy of the retail receipt for inspection.

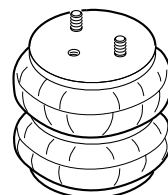
Product verification required; photos of claim can be used lieu of returning defective product.



Single
Convoluted



Tapered
Sleeve



Double
Convoluted



Coil-Rite™
Air Spring

Coverage

Firestone air springs are designed and built to the highest of standards and will provide years and thousands of miles of trouble-free service. Most failures are caused by improper application, installation, misuse, and abuse. The following examples are common failures that are **NOT covered under warranty**.



Rubber bellows close-up.

Puncture

Appearance or Condition

- Irregular shaped cut in the bellows

Possible Causes

- Debris punctured the bellows
- Mounted too close to a sharp object



Convolved shown.

Bent Alignment Pin

Appearance or Condition

- One side of alignment pin is pushed down toward the bead plate
- Marring or semicircular gouge in the top of the alignment pin
- Pin pushed in

Possible Causes

- Alignment pin was not installed into the alignment pin hole in the bracket
- Attachment hardware not tightened



Convolved shown.

Abrasion

Appearance or Condition

- Hole rubbed into side of bellows or in area that rolls over piston (sleeve style)

Possible Causes

- Contacting a vehicle or other suspension component
- Inadequate air pressure
- Road debris
- Oversized tire contact
- Snow chain contact
- Inadequate tire to frame clearance



Convolved shown.

Circumferential Cuts

Appearance or Condition

- Bellows cut or separated around the perimeter of bead plate or piston

Possible Causes

- Too much air pressure, over extended for long periods of time
- Bottoming out
- Air spring overextended
- Normal wear and tear over years of usage



NOT
COVERED
UNDER
WARRANTY

Bent or Broken Brackets & Bolts

Appearance or Condition

- Distorted shape
- Possible cracking or "tearing"

Possible Causes

- Not enough air pressure in the system for the load
- Overloading the vehicle/air springs
- Bottoming out



NOT
COVERED
UNDER
WARRANTY

Broken Piston

Appearance or Condition

- Cracked or broken piston

Possible Causes

- Road debris
- Not enough pressure in the system for the load
- Overloading the vehicle/air springs
- Installed height of air spring too short
- Bottoming out

Bottom of tapered sleeve shown (Sport-Rite™ application).

Bottoming Out

Appearance or Condition

- Bent brackets or beadplates
- Broken girdle hoop (convoluted parts), caps or pistons (sleeve parts)
- Cuts near the bead plates, caps, or pistons
- Leaking around blind nuts

Possible Causes

- Installation height is too low, resulting in air spring too short
- Not maintaining the minimum air pressure
- Not enough air pressure for the load
- Overloading the vehicle/air springs



Tapered sleeve shown.

NOT
COVERED
UNDER
WARRANTY



NOT
COVERED
UNDER
WARRANTY

High Temperature/Over Inflation

Appearance or Condition

- Tear in the side of the part, material seems thin or "stretched"

Possible Causes

- Exposed to high temperature for long periods of time (too close to exhaust)
- Over inflation (see manual for max operating pressure)

Coil-Rite™ shown.



NOT
COVERED
UNDER
WARRANTY

Cracked / Hard Bellows

Appearance or Condition

- Cracking in bellows around bead plates and caps or where the sleeve rolls over the piston
- Hard to the touch, no longer flexible

Possible Causes

- Exposed to high temperature for long periods of time
- Old air spring — Rubber ages and will wear out eventually; the air spring is not warrantable and needs to be replaced
- Normal appearance after product's end of life

Convoluted shown.

Coverage

Do not open or disassemble your compressor, or spray with WD-40, to troubleshoot an issue. The compressor images below are for reference only. **Do not take apart your compressor. This voids your warranty.** Please call the Firestone Tech Line to discuss any issues you may be experiencing at 1.800.888.0650 Ext. 1.

NOT COVERED UNDER WARRANTY



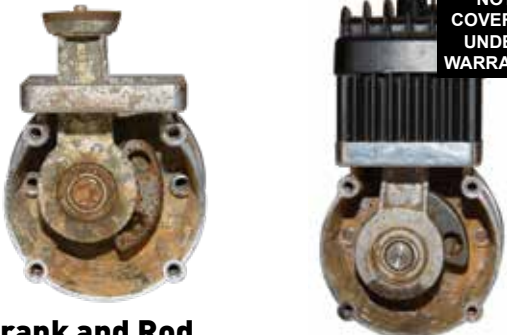
Compressor Cylinder Body

Appearance or Condition • Compressor will not start • Compressor will not pump air	Possible Causes • Compressor was submerged • Compressor inlet has pulled in moisture from environment
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Possible Solutions

- Replace compressor
- Snorkel air filter to a dry, dust free location (max. 6ft.)

NOT COVERED UNDER WARRANTY



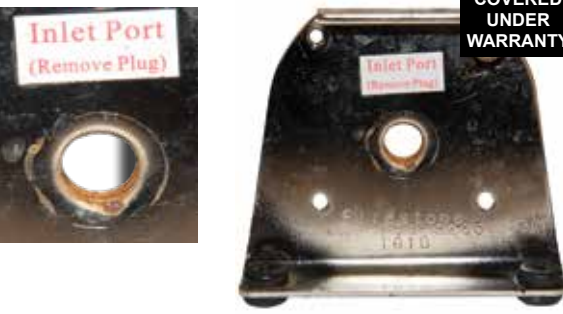
Crank and Rod

Appearance or Condition • Compressor will not start • Compressor will not pump air	Possible Causes • Compressor was submerged • Compressor inlet pulled in moisture from environment
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Possible Solutions

- Replace compressor
- Snorkel air filter to a dry, dust free location (max. 6ft.)

NOT COVERED UNDER WARRANTY



Inlet Plate

Appearance or Condition • Rust around threads of inlet port • Compressor will not pump air • Compressor runs at high current (blows fuses)	Possible Causes • Compressor was submerged • Air filter assembly was not installed properly
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Possible Solutions

- Replace compressor
- Snorkel air filter to a dry, dust free location (max 6ft)

COVERED UNDER WARRANTY



Brushes/End Plate/Motor Housing

Appearance or Condition • Compressor will not start	Possible Causes • Compressor was submerged • Compressor has stuck brushes
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Possible Solutions

- Lightly tap on compressor motor housing farthest from compressor head
- Replace compressor

TECHNICAL TIPS

Air Spring Alignment

Air spring alignment is important to the operation of your air 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 tube 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 Pressure

Never run the air spring under the minimum recommended pressure. Never exceed the maximum recommended pressure.

Heat Sources

Make sure there is at least 6" of clearance between the air spring and the nearest heat source. Kits for vehicles with less than this clearance have a heat shield included. Our kits are designed to work around factory exhaust systems. Aftermarket systems with larger tubes may cause interference or put heat too close to the air spring, which will damage the rubber.

Air Spring Clearance

After installing your air 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. No part of the air spring kit (bellows, brackets, hardware) should rub on any lines (fuel, brake, electric) or contact anything but the mounting surfaces designed to support the brackets.

Air Accessory Systems

Firestone offers a wide range of Air Accessory Systems for all your air 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

Q: Where can I buy your product?

A: Most good truck and RV accessory shops carry our product. You can also find local retailers in the "Where To Buy" section of www.riderite.com.

Q: How do I remove my air line from the push-to-connect fitting without damaging the fitting?

A: Push the air line toward the body of the fitting. This will also force the collet, or collar, of the air fitting toward the fitting body. Hold the collet against the fitting, using a 5/16" open end wrench, and then pull the air line out after the collet releases the air line.

Q: Will this raise or lower the ride height of my truck?

A: No, the Ride-Rite™ kits are designed to work in the original suspension height and configuration. Changes to height can hurt performance or allow the parts to be stretched or compressed beyond their capability, resulting in a premature failure.

Q: Does this allow my truck to carry more weight?

A: Absolutely not. Only the vehicle manufacturer can set the GVWR. Even with the air springs, you have the same brakes, axles, bearings, and frame stiffness, which in part determines the vehicle's load capability. The Ride-Rite™ air springs simply allow you to carry the maximum capacity of your truck more comfortably and without suspension sag and the poor handling that comes with it.

Q: How long will the kit last?

A: The life expectancy depends on a variety of factors, including heat, environmental conditions, and how hard you are using your vehicle. Due to our superior construction and rubber compounds, which are the same as we use on our Airide™ commercial vehicle air springs, it is not unusual to see the Firestone air springs last for 4 or 5 years. When they weather-check (or dry-rot), like a tire, they need replaced.

Q: Will this make my rough ride go away?

A: The Ride-Rite™ kits help the loaded ride mainly. If your vehicle rides like a log-wagon empty, it will still be fairly rough with the Ride-Rite™ air springs.

Q: Will it work for a lifted vehicle?

A: We have lifted kits available for some applications. Please see page 26 for our lifted applications.

Q: My system loses over 5 pounds of air a week. How do I find the leak?

A: Mix a solution of soap and water (about 1/5 liquid soap to 4/5 water) and spray it on the air line fittings, air spring, and compressor body and head (if you have an air compressor). If the fittings are leaking at the threads, tighten them or apply thread sealant. If the fitting is leaking at the air line, remove the air line, re-cut it squarely, and re-insert. If the air spring is leaking, send a picture to rtech@fsip.com to see if it is covered under warranty.

Q: Where can I buy air line or fittings?

A: Commercial vehicle shops carry DOT rated tubing or you can order them from your local retailer. Part numbers are on pages 39-41.

Q: Can I add a "T" fitting to inflate both air springs equally?

A: Yes, but adding a "T" fitting will not allow you to level side-to-side and will allow air to go from one side to the other, which sacrifices some of the stability that the Ride-Rite™ kit adds. Firestone does not include "T" fittings in most kits for this reason.

Q: Do I have to add an air compressor?

A: No, the kit comes with 2 inflation valves, one for each side of the vehicle. The inflation valves are the same as are used on a tire. When you check your tires monthly, check your air spring pressure as well. You can add air using any means you would use to inflate your tires. Your local Firestone Tire and Service center provides free compressed air to their customers.

Q: Do I have to mount my compressor flat?

A: No, Firestone compressors are oil-less and can be mounted in any direction.

Q: Will putting the vehicle up on a hoist or a two post lift hurt the springs?

A: No. Firestone air springs use technology from our heavy truck Airide™ springs and can withstand thousands of pounds of pulling force without damage.

Q: Are Firestone Ride-Rite™ air spring still under warranty if I have a custom application?

A: It depends on the failure mode. If it's a manufacturing defect, we'll stand behind our product. If it's due to mis-use or application, such as over-extended, rubbing other parts, too much pressure, or other suspension design or fabrication issues, then we can't cover the air spring.

Q: Do I need to add a dryer to my compressor kit?

A: In our experience, intermittent use of our systems and how they're operated do not necessitate an air dryer. We recommend building loops into the air lines to act as traps for moisture so water does not flow back into the compressor head. See the installation guide for examples.

Q: Can I buy directly from Firestone?

A: No, we do not sell direct. For retail locations near you, please visit www.riderite.com and click Where To Buy.

Q: What happens if I overinflate an air spring by one PSI?

A: Generally, overinflating by one PSI will not damage your air springs.

Q: Is it okay to drive loaded at 100 PSI?

A: Yes, our air springs are designed and tested to withstand the roughest conditions. They will withstand pressure spikes they will see from driving over large bumps and uneven terrain.

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).



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See web site for Warranty Guide : riderite.com



Firestone Ride-Rite



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