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Installation Instructions

READ INSTALLATION INSTRUCTIONS IN ITS ENTIRETY BEFORE INSTALLING YOUR COIL-RITE KIT

NOTE: IF ANY PARTS ARE MISSING FROM THE KIT, PLEASE CALL 1-800-888-0650.

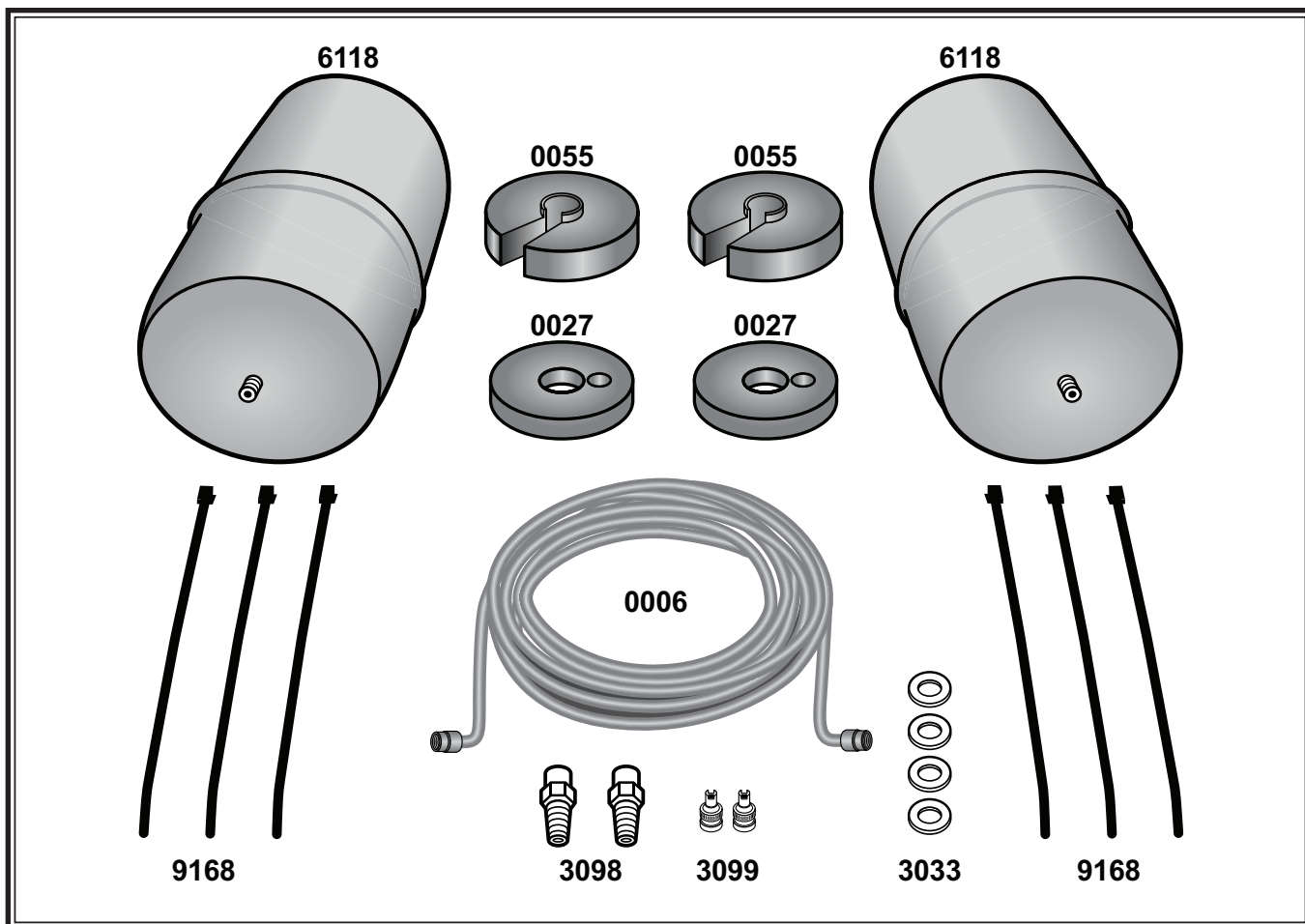
PLEASE DO NOT CALL OR RETURN THE KIT TO THE DEALER.

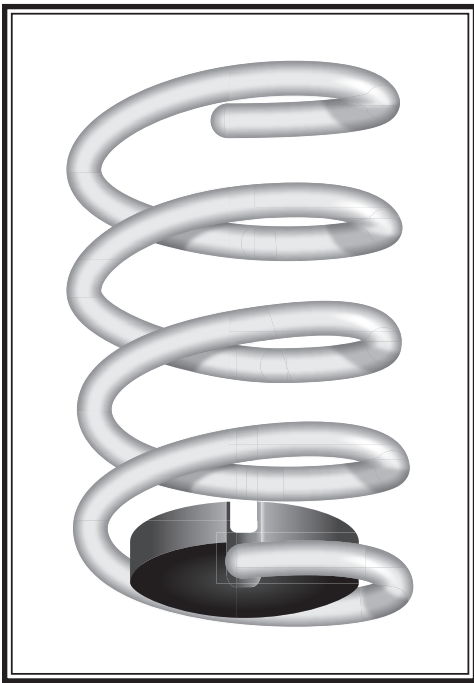
INSTALLATION INSTRUCTIONS

Congratulations—your new suspension helpers are quality products capable of improving the handling and comfort of your vehicle while under load. As with all products, proper installation is the key to obtaining all of the benefits your kit is capable of delivering. Please take a few minutes to read through the instructions to identify the components and learn where and how they are used. It is a good idea to start by comparing the parts in your kit with the parts diagram below.

WARNING

Do not inflate this assembly when it is unrestricted. The assembly must be restricted by a coil spring. Do not ever inflate beyond recommended operating pressures for your specific vehicle. Improper use or over inflation may cause property damage or severe personal injury.





STEP 1 — PREPARE THE VEHICLE

Remove the negative battery cable. With the vehicle on a solid level surface chock the front wheels. Raise the rear of the vehicle using a lift or platform jack rated for your vehicle's weight. Remove the rear wheels. Lower the vehicle onto the jack stands rated for your vehicle's weight, making sure the suspension is fully extended. Do not use wood or concrete blocks to support the weight of the vehicle.

STEP 2 — SHOCK ABSORBERS

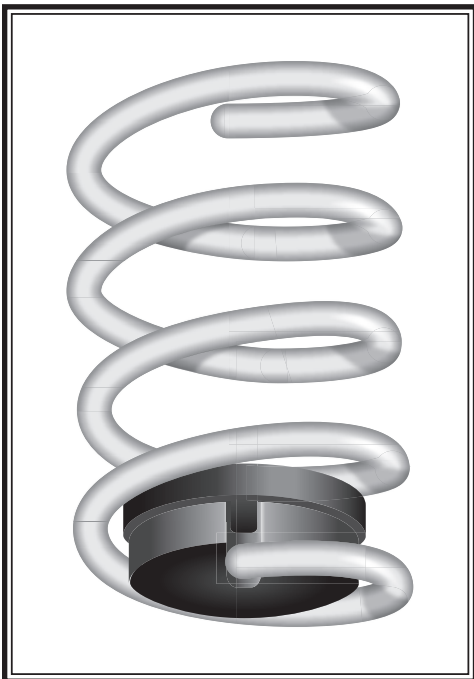
If necessary, additional clearance between the coil spring turns may be obtained by removing the shock absorbers from the lower mounts and lowering the suspension an additional one to two inches. (CAUTION: Do not put strain or tension on the flexible brake line.)

STEP 3 — AIR SPRING PREPARATION

Remove the inflation valve cap from the inflation valve on the air spring. Using the valve cap from the inflation valve fitting as a core tool, remove the inflation valve core from the air spring. Exhaust the air spring by pushing it flat then re-insert the valve core back into the air spring to keep it collapsed.

STEP 4 — INSTALLING THE AIR SPRING

Place the lower protectors in the bottom of the spring seat. Insert the flattened air spring into the coil spring with the inflation valve at the bottom as shown.



STEP 5 — ADJUSTING THE AIR SPRING

Push the air spring into the coil spring by hand or with a blunt tool. DO NOT use anything with sharp edges or corners as this may damage the air spring.

When the air spring is completely within the coil spring, remove the valve core to let the air back into the air spring. Allow the air spring to return to its normal shape.

STEP 6 — ROUTE THE TUBING

Remove the tubing from the kit and cut it into two equal lengths (cut the tubing as squarely as possible). Select a location for the inflation valve fitting in a protected area.

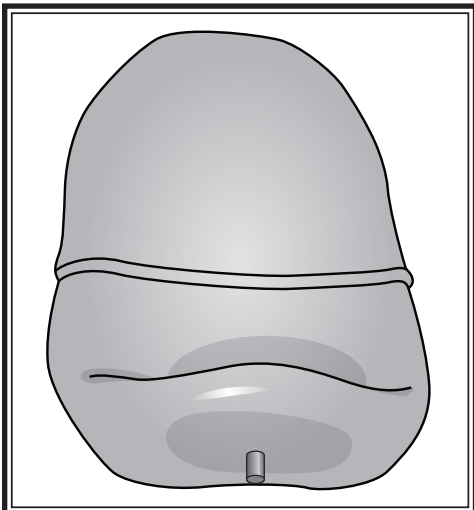
Attach the elbow fitting to the air spring and finger tighten. Route the air line through the coil spring from the air springs to the desired location of the inflation valve fitting.

STEP 7 — INSTALL THE INFLATION VALVE

Select a location on the vehicle for the air inflation valve fittings. The location can be located on the bumper or the body of the vehicle, as long as it is in a protected location so the valve will not be damaged, but maintains accessibility for the air chuck. Drill a 5/16" hole and install the air inflation valve using two 5/16" washers per valve as supports.

STEP 8 — INFLATE AND TEST

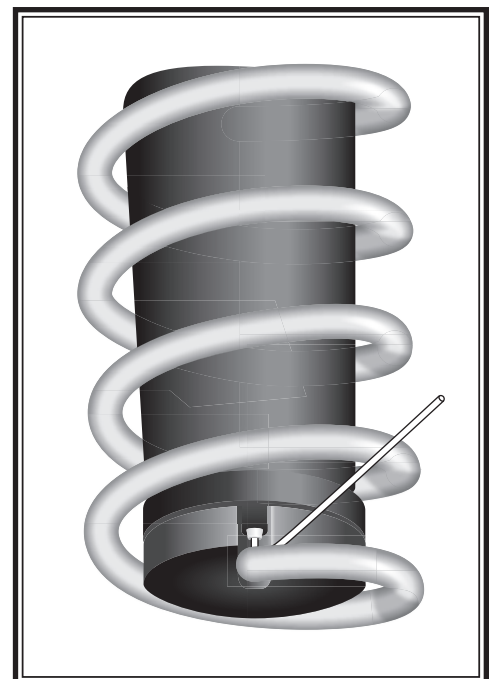
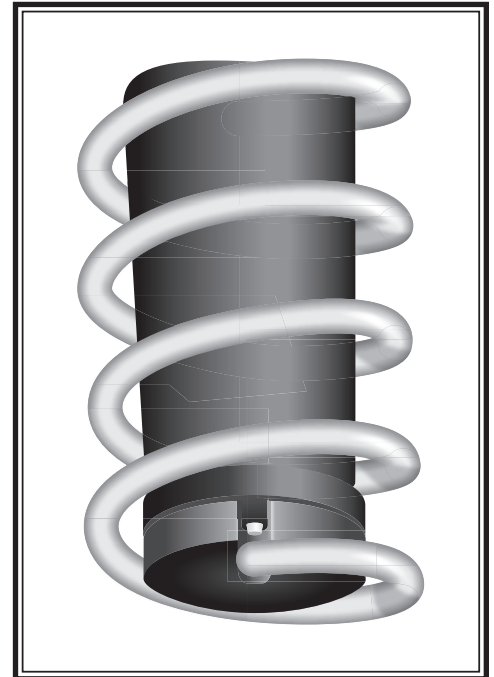
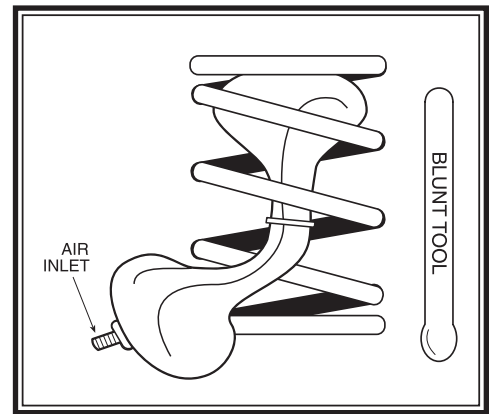
Inflate the air springs to recommended operating pressure. With a soap and water solution, check for air leaks around the fittings and valve core. It is recommended inflating and deflating in 5 psi increments to find the ideal riding condition for your vehicle.



STEP 9— COMPLETION

This now completes the installation. Install the wheels and tires back onto the vehicle and torque to manufacture's specification. If the shock absorber was removed attach the shock absorber and torque to manufacture's specifications. Raise the vehicle and remove the jack stands and lower the vehicle back onto the ground. Re-attach the negative battery cable.

NOTE: Check air pressure on a monthly basis



OPERATING PRESSURES:

MINIMUM (UNLOADED)	5 PSI
MAXIMUM (LOADED)	35 PSI



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Do Not Return This Product to the Dealer or Distributor

If you are

- missing parts,
- experiencing installation problems, or
- have technical concerns regarding this product,

you may contact a Firestone Technical Service Representative at rrtech@fsip.com or at 800-888-0650 (option 1, and then option 2). Representatives are available from 7:30 a.m. – 4:30 p.m. Eastern on Monday – Friday, excluding holidays. If you are located outside of the United States, you should first contact your distributor or dealer directly with any issues.

When contacting Technical Service, please have the kit or part # ready, along with the make, model, and year of the vehicle. You may also need to provide details, such as 2WD/4WD or if the vehicle has been lifted or lowered from stock height.

If you have a warranty concern, please include in your email a detailed description of the situation, a photo(s) of the issue, and your contact information, including ship-to address.

WARRANTY COVERAGE*— The Ride-Rite™ kits, components, and accessories are warranted against defects in workmanship and materials. This warranty does not cover service or labor charges, neglect...to the product.

PERIOD OF COVERAGE:

- | | |
|---|---|
| • Ride-Rite air springs – Lifetime Limited | • Work-Rite load assists – 2 Years Limited |
| • Sport-Rite air springs – Lifetime Limited | • Air-Rite accessories – 2 Years Limited |
| • Coil-Rite air springs – Lifetime Limited | • Brackets, hardware, fittings, air line, and other |
| • Level-Rite air springs – Lifetime Limited | components – 2 Years Limited |

HOW TO MAKE A WARRANTY CLAIM — If you purchased your air springs in the U.S. or Canada and believe you have a part with a warrantable defect, call Firestone directly at 1-800-888-0650.

International customers should contact their distributors or dealers directly with any problems.

(*) Please refer to the “Firestone Limited Lifetime Air Spring Warranty” for details, terms, and conditions.

FIRESTONE LIMITED 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.

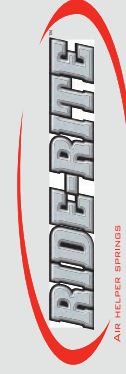
Warranty Period

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