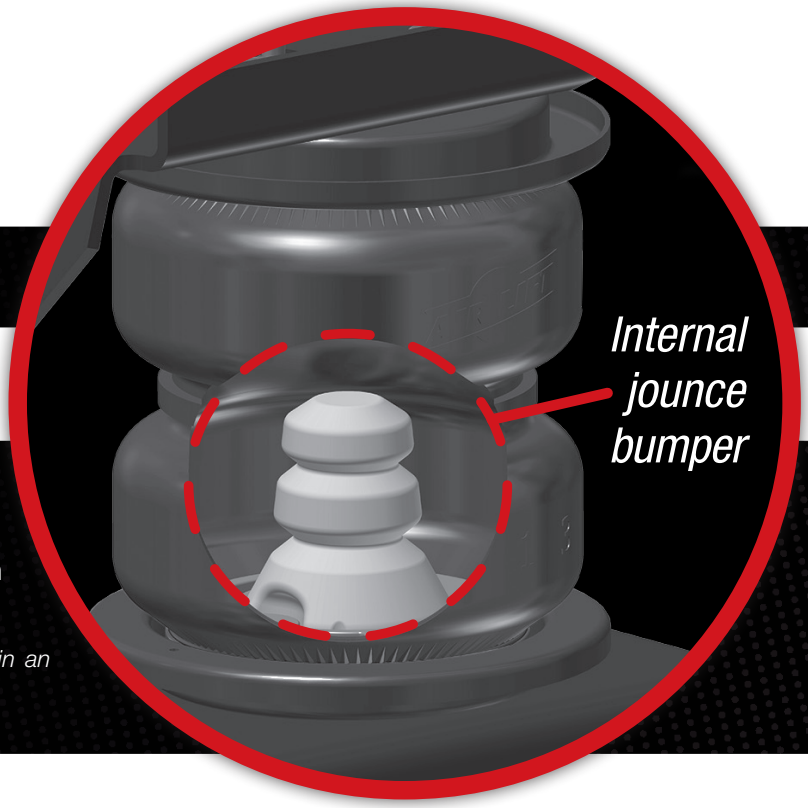
LoadLIFTER 5000™ ULTIMATE

ADJUSTABLE AIR HELPER SPRINGS

AIR LIFT™ Since 1949

Kit Numbers 88216 & 88128



INSTALLATION GUIDE

For maximum effectiveness and safety, please read these instructions completely before proceeding with installation.

Failure to read these instructions can result in an incorrect installation.

MN-831 • (021306) • ECR 7668

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Installation Diagram

KIT 88216

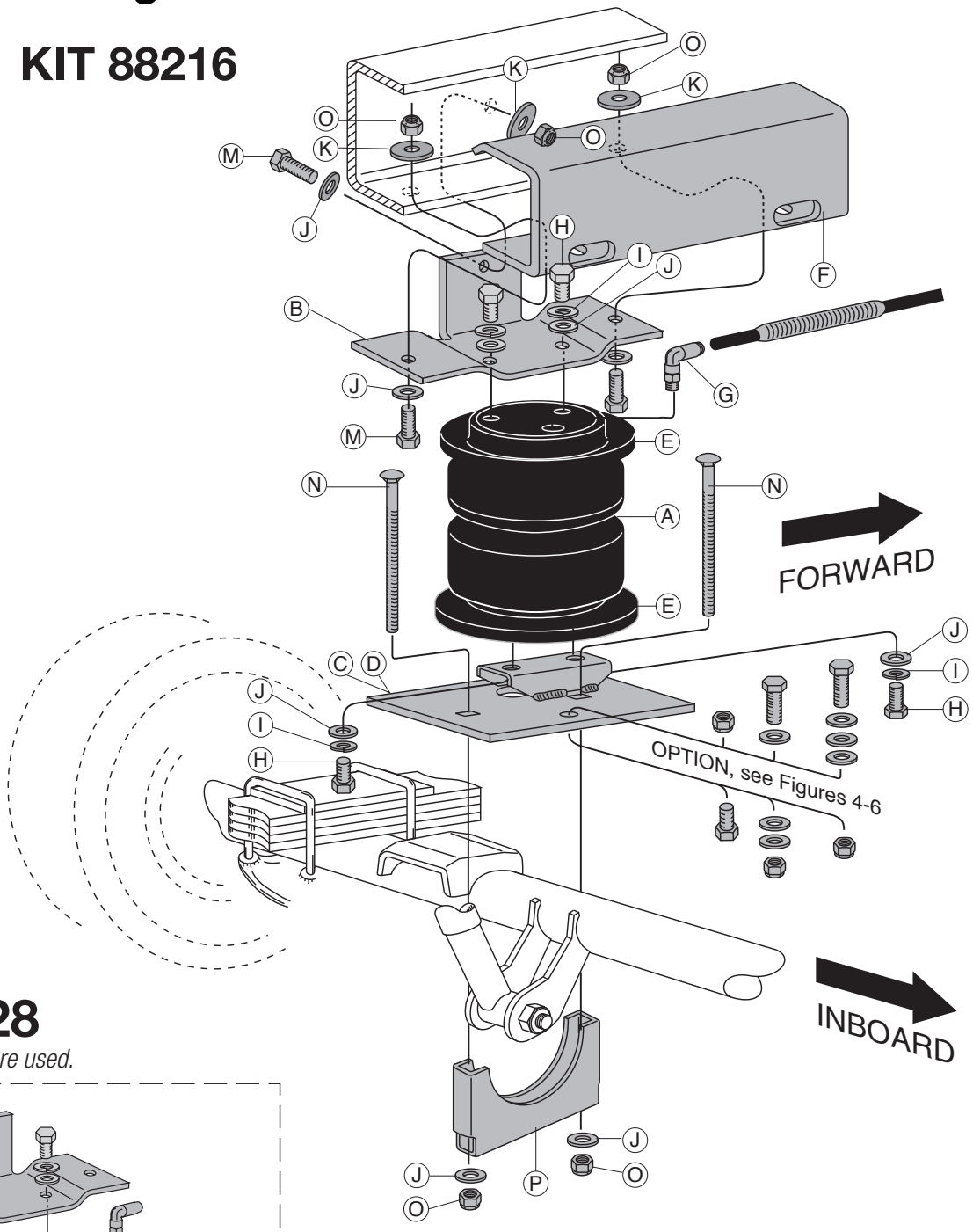
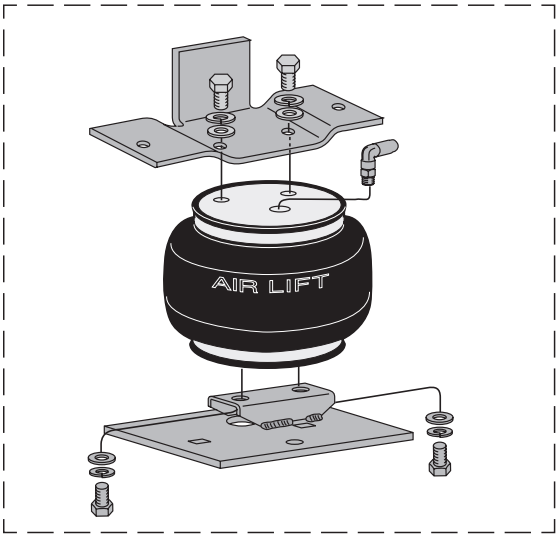


fig. 1

KIT 88128

NOTE: No roll plates are used.



Hardware List and Tools List

HARDWARE LIST

Item	Description	Qty
A	Bellow	2
B	Upper bracket	2
C	Lower bracket (left)	1
D	Lower bracket (right)	1
E	Roll plate (not in 88128)	4
F	Frame brace	2
G	Elbow fitting	2
H	3/8”-24 x 7/8” bolt	8
I	3/8” Lock washer	8
J	3/8” Flat washer	24
K	3/8” Oversized flat washer	6
L	3/8”-16 x 3/4” bolt	2
M	3/8”-16 x 1.5” bolt	8
N	3/8”-16 x 6” Carriage bolt	4
O	3/8” Nylon lock nut	12

Item	Description	Qty
P	Axle clamp	2
Q	Heat shield*	1
R	Clamp*	2
S	Thermal sleeve	1

Air Line Assembly Parts

AA	Air line assembly	1
BB	Tie strap*	6
CC	Valve caps*	2
DD	5/16” Flat washer*	2
EE	Rubber washer*	2
FF	Small star washer*	2
GG	5/16” Hex nut*	4

(* not shown in Figure 1)

TOOL LIST

Description	Qty
7/16”, 9/16” open-end or box wrenches	1
Crescent wrench	1
Ratchet with 3/8”, 9/16”, and 1/2” deep well sockets	1
3/8” and 5/16” drill bits (very sharp)	1
3/8” Nut driver	1
Heavy duty drill	1
Torque wrench	1
Hose cutter, razor blade, or sharp knife	1
Hoist or floor jacks	1
Safety stands	1
Safety glasses	1
Air compressor, or compressed air source	1
Spray Bottle with Dish Soap/Water Solution	1

Missing or damaged parts? Call Air Lift customer service at (800) 248-0892 for a replacement part.

Introduction

The purpose of this publication is to assist with the installation, maintenance and troubleshooting of the LoadLifter 5000 Ultimate air spring kit. LoadLifter 5000 Ultimate utilizes sturdy, reinforced, commercial grade single or double, depending on the kit, convolute bellows. The bellows are manufactured like a tire with layers of rubber and cords that control growth. LoadLifter 5000 Ultimate kits are recommended for most 3/4- and 1-ton pickups and SUVs with leaf springs and provide up to 5,000 pounds of load-leveling support with air adjustability from 5-100 PSI. The kits are also used in motor home rear applications and various front applications where leaf springs are used.

It is important to read and understand the entire installation guide before beginning installation or performing any maintenance, service or repair. The information here includes a hardware list, tool list, step-by-step installation information, maintenance guidelines and operating tips.

Air Lift Company reserves the right to make changes and improvements to its products and publications at any time. For the latest version of this manual, contact Air Lift Company at **(800) 248-0892** or visit **airliftcompany.com**.

IMPORTANT SAFETY NOTICE

The installation of this kit does not alter the gross vehicle weight rating (GVWR) or payload of the vehicle. Check your vehicle's owner's manual and do not exceed the maximum load listed for your vehicle.

Gross vehicle weight rating: The maximum allowable weight of the fully loaded vehicle (including passengers and cargo). This number — along with other weight limits, as well as tire, rim size and inflation pressure data — is shown on the vehicle's Safety Compliance Certification Label.

Payload: The combined, maximum allowable weight of cargo and passengers that the truck is designed to carry. Payload is GVWR minus the base curb weight.

NOTATION EXPLANATION

Hazard notations appear in various locations in this publication. Information which is highlighted by one of these notations must be observed to help minimize risk of personal injury or possible improper installation which may render the vehicle unsafe. Notes are used to help emphasize areas of procedural importance and provide helpful suggestions. The following definitions explain the use of these notations as they appear throughout this guide.

DANGER — INDICATES IMMEDIATE HAZARDS WHICH WILL RESULT IN SEVERE PERSONAL INJURY OR DEATH.

WARNING — INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.

CAUTION — INDICATES HAZARDS OR UNSAFE PRACTICES WHICH COULD RESULT IN DAMAGE TO THE MACHINE OR MINOR PERSONAL INJURY.

NOTE — *Indicates a procedure, practice or hint which is important to highlight.*

Installing the LoadLifter 5000 Ultimate System

NOTE

This instruction manual is for kits 88216 and 88128. The only difference between the two kits is the bellows. The drawings depict a double convolute bellow, as found in kit 88216. But all instructions and illustrations apply to kit 88128 as well, which uses a single convolute bellow.

The air springs will last much longer if they are not the suspension limiter in either compressor or extension. The air spring compresses to 2.8" and extends to 9.1". Regardless of load, the air pressure should always be adjusted so that the Normal Ride Height is maintained at all times. The shock absorber is usually the limiter on extension. If this is not the case, then the use of limiting straps should be considered, in particular for vehicles that are used off-road.

DANGER

COMPRESSED AIR CAN CAUSE INJURY AND DAMAGE TO THE VEHICLE AND PARTS IF IT IS NOT HANDLED PROPERLY. FOR YOUR SAFETY, DO NOT TRY TO INFLATE THE AIR SPRINGS UNTIL THEY HAVE BEEN PROPERLY SECURED TO THE VEHICLE.

GETTING STARTED

1. The 88216 kit requires a minimum of 7.25" from the top of the jounce bumper strike plate to the bottom of the frame rail. Before installation is begun, check for sufficient clearance. If the measurement is less than 7.25", then use kit 88128 (Fig. 2).

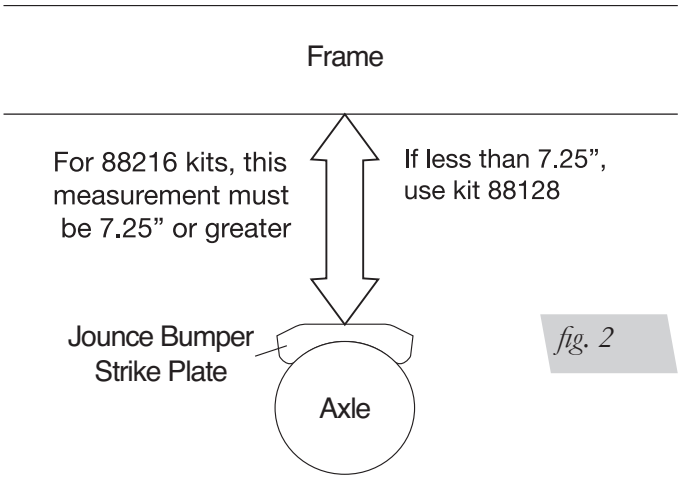


fig. 2

2. Determine the Normal Ride Height. The Normal Ride Height is the distance between the bottom edge of the wheel-well and the center of the hub with the vehicle in the "as delivered" condition. In some cases, Normal Ride Height is not perfectly level.
   a. Remove unusual loads and examine your vehicle from the side to ensure it is on a level surface.
   b. If necessary (in cases where your leaf springs are sagging badly), use a jack to raise the rear end so that the vehicle achieves the original "as delivered" ride height.

3. Measure the distance between the center of the hub and the bottom edge of the wheel well (Fig. 3). This is the Normal Ride Height. Enter the measurement below:

NORMAL
RIDE HEIGHT: _____ inches

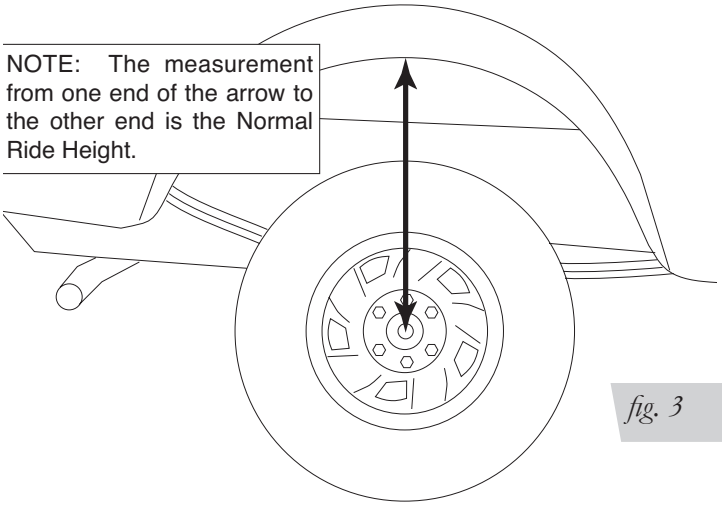


fig. 3

RAISING THE VEHICLE

1. Raise the vehicle and remove the wheels.
2. Check the distance between the center of the hub and the bottom edge of the wheel to ensure that it is at the normal ride height previously recorded. If not, raise the frame or lower the axle as necessary to restore the original distance.
   a. If the vehicle is raised with an axle contact hoist, then place axle stands under the frame and lower the axle as needed.
   b. If the vehicle is raised with a frame contact hoist, then place axle stands under the axle and raise the frame as needed.
   c. If the vehicle is raised with a jack and supported with axle stands on the frame, then use a floor jack to lower the axle.

REMOVING THE JOUNCE BUMPER

1. Remove the jounce bumper by prying it off of the jounce bumper bracket.
2. Remove the jounce bumper bracket from the frame rail. It may be bolted or riveted. If riveted, it can be removed by center punching and drilling out the rivet, chiseling or grinding it off or cutting if off with a torch.

ASSEMBLING THE AIR SPRING UNIT

1. The lower brackets (C and D) are designated left/driver side (indicated by the “L” stamped on it) and right/passenger side (indicated by the stamped “R”).
2. It will be necessary to use either the 3/8” x 3/4” (L) bolt or the 3/8” x 1 1/2” (M) in combination with flat washers (J) and a nylon lock nut (O) as a spacer stack so that the lower bracket sits flat on the axle housing/jounce bumper pad.
3. Set the lower bracket on the axle housing to determine the appropriate spacer stack up.

NOTE

As a general rule, 1/2- and 3/4-ton trucks and some 1-ton trucks with single rear wheels take the stack in Figure 4. Most 1-ton single rear wheels and some 1-ton dual rear wheel trucks take the stack in Figure 5. Most 1-ton dual rear wheel trucks take the stack in Figure 6.

For 1/2- and 3/4- ton trucks and some 1-ton trucks with single rear wheels.

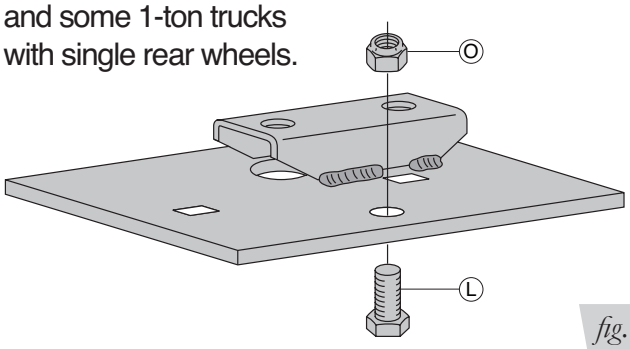


fig. 4

For most 1-ton trucks with single rear wheels and some 1-ton trucks with dual rear wheels.

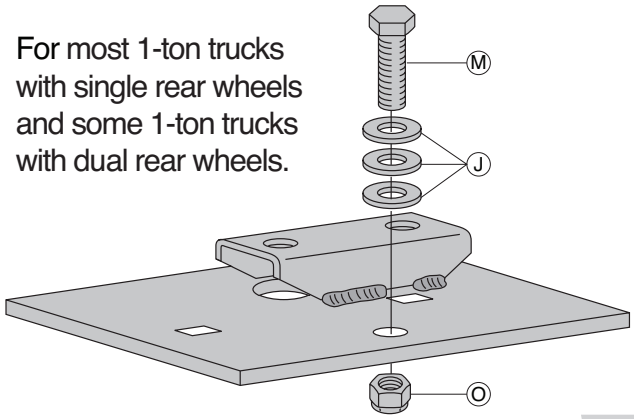


fig. 5

For most 1-ton trucks with dual rear wheels.

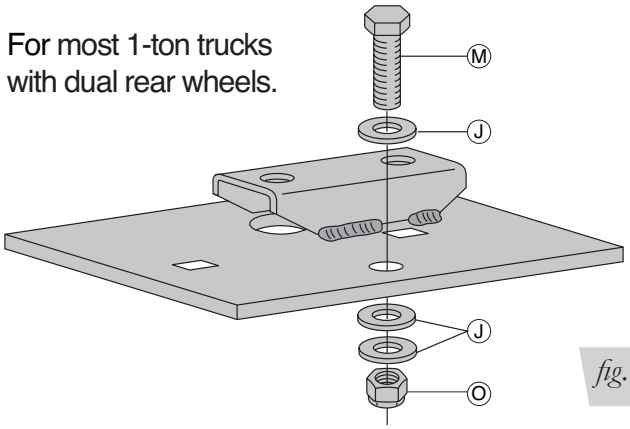


fig. 6

4. Due to manufacturing tolerances, the shock mounting bracket may stop the lower bracket from sitting completely flat on the axle housing/jounce bumper pad. This may occur on only one side of the vehicle. In such instances, it will be necessary to use a grinder to trim the shock bracket until it is flat with the top of the axle housing (Fig. 7).

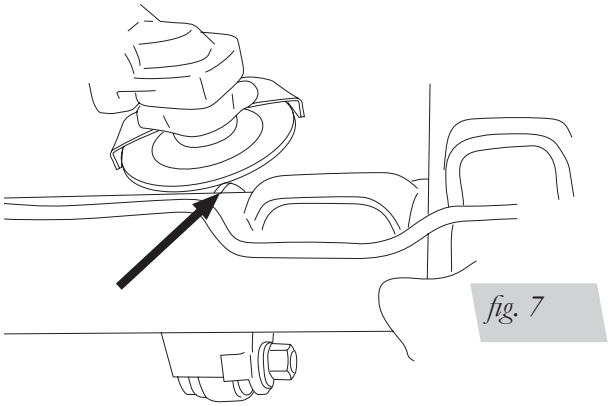


fig. 7

5. After determining and installing the appropriate stackup, insert one carriage bolt (N) into the forward hole of the lower bracket (Fig. 8).

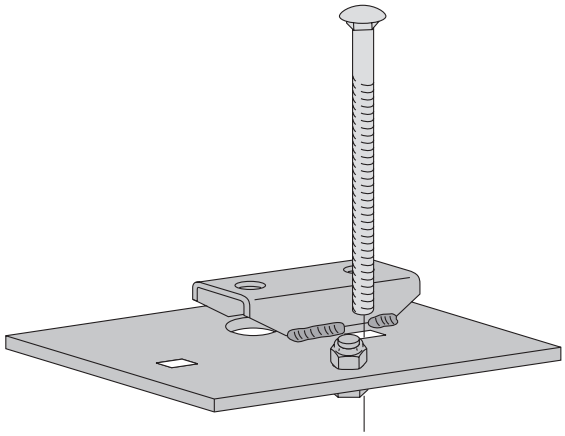


fig. 8

6. Set a roll plate (E) on both ends of the double-convolute bellow (Fig. 1). **Kit 88128 with the single convolute bellow does not require roll plates.**
7. Set the bellow assembly onto the lower bracket. The spacer assembly on the lower bracket must be positioned on the same side as the air port on the top of the air spring.
8. Attach the lower bracket to the bellow using two bolts (H), two lock washers (I) and two flat washers (J) (Fig. 1).
9. Attach the upper bracket (B) to the bellow using two bolts (H), two lock washers (I) and two flat washers (J). Be sure that the tall vertical leg of the upper bracket is opposite of the air fitting port (Fig. 1).
10. Repeat assembly for other side.

ATTACHING THE LOWER BRACKET

1. Set the assembly on the axle with the tall, wide vertical leg of the upper bracket on the outside of the frame rail. The lower bracket spacer sets just inboard of the jounce bumper pad on the axle housing.
2. Some models may require prying the brake line slightly away from the axle so that the axle clamp will not pinch the brake line.
3. Insert a carriage bolt (N) into the rearward hole in the lower bracket. Attach the bracket using the axle clamp (P), flat washers (J), and nylon lock nuts (O). Torque to 20 lb.-ft (27Nm).

ATTACHING THE UPPER BRACKET

1. Align the air spring vertically and horizontally and clamp the upper bracket to the frame rail using a pair of vise grips or C-clamp.

⚠ CAUTION

BEFORE DRILLING, BE SURE TO CHECK THE BACK SIDE OF THE FRAME RAIL FOR BRAKE LINES, GAS LINES, OR ELECTRICAL LINES THAT MAY BE IN THE WAY. IT IS NECESSARY TO MOVE ANY INTERFERING LINES PRIOR TO DRILLING.

2. Using the upper bracket as a template center punch and drill a 3/8” hole through the outboard side of the frame rail and upper bracket (Fig. 9).

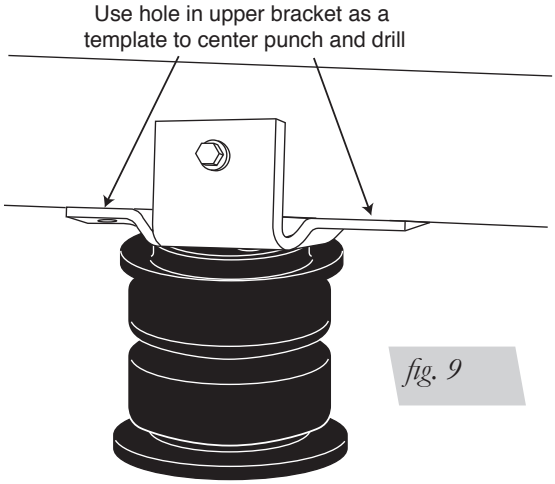


fig. 9

3. Install one bolt (M), one flat washer (J), one oversized flat washer (K) and a nylon lock nut (O). Torque to 44 lb.-ft. and leave clamp in place.
4. Do not use the existing jounce bumper holes in the frame rail. Instead, use the holes in the upper bracket as a template along the bottom of the frame rail and center punch and drill two 3/8” holes through the holes in the upper bracket. Do not attach to the frame rail at this time. Remove the clamp or vise grips.

INSTALLING THE FRAME BRACE

1. It may be necessary to cut or trim off the plastic locator studs (on ’97 and new models) before installing the frame brace.
2. Install the frame brace (F) with the access holes toward the bottom of the frame rail. This is a tight fit and may require tapping with a hammer or mallet.
3. Align the access holes with the holes already drilled in the bottom of the frame. Using a large screwdriver or punch through the already drilled hole, push the frame brace forward or backward until the holes are aligned.

4. Install a bolt (M), flat washer (J), oversized flat washer (K) and a nylon lock nut (O). Hold the nylon lock nut with a 9/16” open-end wrench through the access hole and tighten the bolt to 44 lb.-ft. (60Nm). Repeat for other mounting hole (Fig. 10).

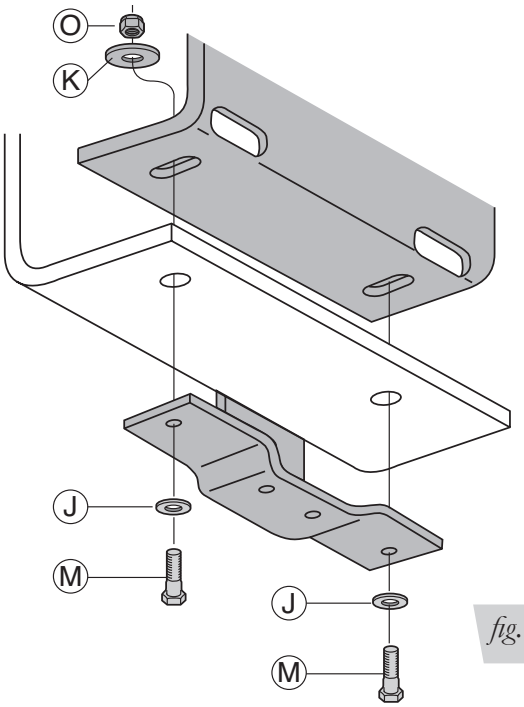


fig. 10

5. Install the air fitting into the bellows. The threads are precoated with sealant. Tighten finger tight plus 1 1/2 turns, being careful to tighten only on the metal hex nut. Do not overtighten.

Installing the Air Lines

This section explains how to set up the air spring kit to be controlled with Schrader valves and a separate compressed air source. An on-board air compressor system allows for hassle-free control of the air springs. Learn more about Air Lift control systems at **www.airliftcompany.com/products/compressor-systems**.

1. Choose a convenient location for mounting the inflation valves. Popular locations for the inflation valve are:
   a. The wheel well flanges
   b. The license plate recess in bumper
   c. Under the gas cap access door
   d. Through the license plate

NOTE

Whatever the chosen location, make sure there is enough clearance around the inflation valves for an air chuck.

2. Drill 5/16” holes to install the inflation valves.

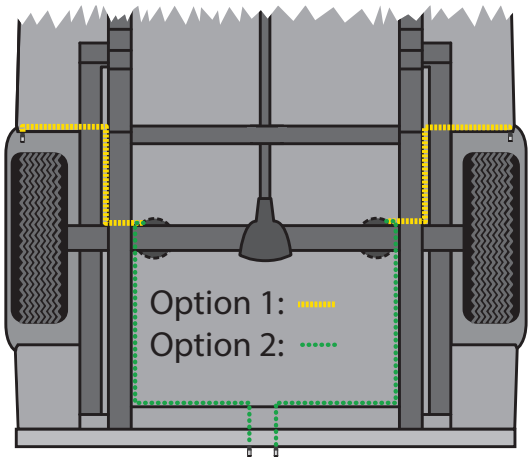


fig. 11

3. Cut the air line assembly in two equal lengths.
4. Place a 5/16” nut and star washer on the air valve. Leave enough of the inflation valve in front of the nut to extend through the hole and have room for the rubber washer, flat washer, and 5/16” nut and cap. There should be enough valve exposed after installation – approximately 1/2” – to easily apply a pressure gauge or an air chuck (Fig. 11).
5. Push the inflation valve through the hole and use the rubber washer, flat washer, and another 5/16” nut to secure it in place. Tighten the nuts to secure the assembly.

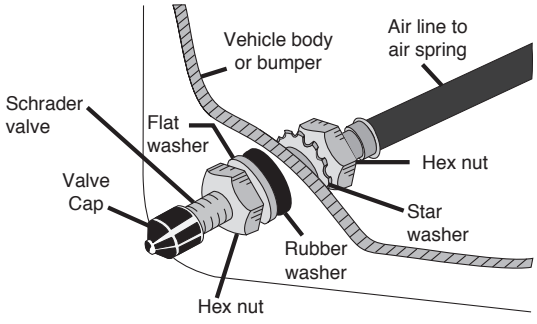


fig. 12

6. Route the air line along the frame to the fitting on the air spring (Fig. 12). Keep AT LEAST 6” of clearance between the air line and the exhaust system. Avoid sharp bends and edges. Use zip ties to secure the air line to fixed points along the chassis. Be sure that the tie straps are tight, but do not pinch the air line. Leave at least 2” of slack to allow for any movement that might pull on the air line.
7. Cut off the air line, leaving approximately 12” of extra air line. A clean square cut will prevent leaks. Insert the air line into the air fitting. This is a push-to-connect fitting. Simply push the air line into the 90° swivel fitting until it bottoms out (9/16” of air line should be in the fitting).

TIPS FOR INSTALLING AIR LINES

When cutting air lines, use a sharp knife or a hose cutter and make clean, square cuts (Fig. 13). Do not use scissors or wire cutters because these tools may deform the air line, causing it to leak around fittings. Do not cut the lines at an angle.

Do not bend the 1/4” hose at a radius of less than 1” or bend the 3/8” hose at a radius of less than 1 1/2”. Do not put side load pressure on fitting. The hose should be straight beyond the fitting for 1” before bending.

Inspect hose for scratches that run lengthwise on hose prior to installation. Contact Air Lift customer service at **(800) 248-0892** if the air line is damaged.

To watch a video demonstrating proper air line cutting, go to **air-lift.co/cuttingairline**.

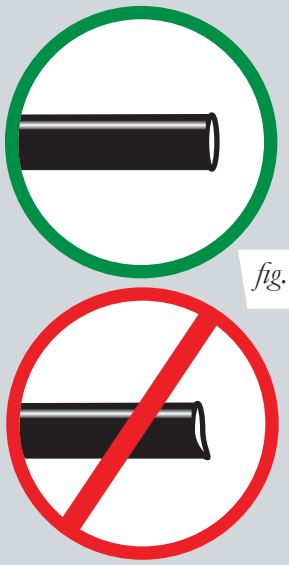


fig. 13

INSTALLING THE HEAT SHIELD

1. Bend tabs to provide a dead air space between exhaust pipe and heat shield. (Fig. 14) Attach the heat shield to the exhaust pipe using the clamps. Bend the heat shield for maximum clearance to the air spring.

NOTE

Some vehicles have large resonators in this area; it will be necessary to double up on the clamps to fit these models (Fig. 14).

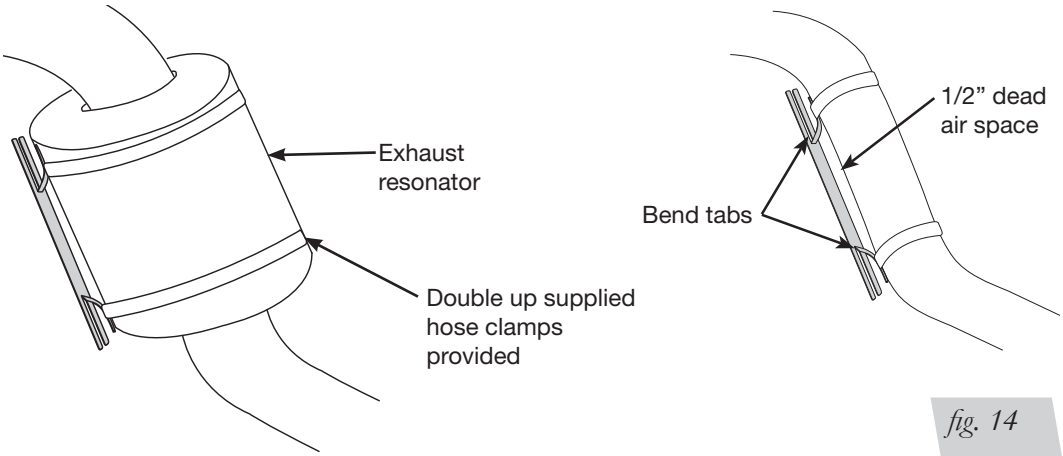


fig. 14

Before Operating

CHECKING FOR LEAKS

1. Inflate the air spring to 30 PSI.
2. Spray all connections and the inflation valves with a solution of 1/5 liquid dish soap and 4/5 water. Spot leaks easily by looking for bubbles in the soapy water.
3. After the test, deflate the springs to the minimum pressure required to restore the system to normal ride height. Do not deflate to lower than 5 PSI.
4. Check the air pressure again after 24 hours. A 2-4 PSI loss after initial installation is normal. Retest for leaks if the loss is more than 5 PSI.

FIXING LEAKS

1. If there is a problem with the swivel fitting:
   a. Check the air line connection by deflating the spring and removing the line by pulling the collar against the fitting and pulling firmly on the air line. Trim 1” off the end of the air line. Be sure the cut is clean and square (see Fig. 13). Reinsert the air line into the push-to-connect fitting.
   b. Check the threaded connection by tightening the swivel fitting another half turn. If it still leaks, deflate the air spring, remove the fitting, and re-coat the threads with thread sealant. Reinstall by hand tightening as much as possible and then use a wrench for an additional two turns.
2. If there is a problem with the inflation valve:
   a. Check the valve core by tightening it with a valve core tool.
   b. Check the air line by removing the air line from the barbed type fitting. Cut the air line off a few inches in front of the fitting and use a pair of pliers or vice grips to pull/twist the air line off of the fitting.

⚠ CAUTION

DO NOT CUT OFF THE AIR LINE COMPLETELY AS THIS WILL USUALLY NICK THE BARB AND RENDER THE FITTING USELESS.

3. If the preceding steps have not resolved the problem, call Air Lift customer service at **(800) 248-0892**.

INSTALLATION CHECKLIST

☐ **Clearance test** — Inflate the air springs to 75-90 PSI and make sure there is at least 1/2” clearance from anything that might rub against each sleeve. Be sure to check the tire, brakes, frame, shock absorbers and brake cables.

☐ **Leak test before road test** — Inflate the air springs to 75-90 PSI and check all connections for leaks. All leaks must be eliminated before the vehicle is road tested.

☐ **Heat test** — Be sure there is sufficient clearance from heat sources, at least 6” for air springs and air lines. If a heat shield was included in the kit, install it. If there is no heat shield, but one is required, call Air Lift customer service at **(800) 248-0892**.

☐ **Fastener test** — Recheck all bolts for proper torque.

☐ **Road test** — The vehicle should be road tested after the preceding tests. Inflate the springs to recommended driving pressures. Drive the vehicle 10 miles and recheck for clearance, loose fasteners and air leaks.

☐ **Operating instructions** — If professionally installed, the installer should review the operating instructions with the owner. Be sure to provide the owner with all of the paperwork that came with the kit.

POST-INSTALLATION CHECKLIST

☐ **Overnight leak down test** — Recheck air pressure after the vehicle has been used for 24 hours. If the pressure has dropped more than 5 PSI, then there is a leak that must be fixed. Either fix the leak yourself or return to the installer for service.

☐ **Air pressure requirements** — It is important to understand the air pressure requirements of the air spring system. Regardless of load, the air pressure should always be adjusted to maintain adequate ride height at all times while driving.

☐ **Thirty-day or 500-mile test** —Recheck the air spring system after 30 days or 500 miles, whichever comes first. If any part shows signs of rubbing or abrasion, the source should be identified and moved, if possible. If it is not possible to relocate the cause of the abrasion, the air spring may need to be remounted. If professionally installed, the installer should be consulted. Check all fasteners for tightness.

Product Use, Maintenance and Servicing

Minimum Recommended Pressure	Maximum Air Pressure
5 PSI	100 PSI

MAINTENANCE GUIDELINES

NOTE

By following the steps below, vehicle owners will obtain the longest life and best results from their air springs.

1. Check air pressure weekly.
2. Always maintain normal ride height. Never inflate beyond 100 PSI.
3. If you develop an air leak in the system, use a soapy water solution (1/5 liquid dish soap and 4/5 water) to check all air line connections and the inflation valve core before deflating and removing the air spring.

⚠ CAUTION

FOR SAFETY AND TO PREVENT POSSIBLE DAMAGE TO THE VEHICLE, DO NOT EXCEED MAXIMUM GROSS VEHICLE WEIGHT RATING (GVWR), AS INDICATED BY THE VEHICLE MANUFACTURER. ALTHOUGH THE AIR SPRINGS ARE RATED AT A MAXIMUM INFLATION PRESSURE OF 100 PSI, THE AIR PRESSURE ACTUALLY NEEDED IS DEPENDENT ON LOAD AND GVWR.

4. Loaded vehicles require at least 25 PSI. A “loaded vehicle” refers to a vehicle with a heavy bed load, a trailer or both. Never exceed GVWR, regardless of air spring, air pressure or other load assist. The springs in this kit will support approximately 40 pounds of load (combined on both springs) for each 1 PSI of pressure. The required air pressure will vary depending on the state of the original suspension. Operating the vehicle below the minimum air spring pressure will void the Air Lift warranty.
5. When increasing load, always adjust air pressure to maintain normal ride height. Increase or decrease pressure from the system as necessary to attain normal ride height for optimal ride and handling. Remember that loads carried behind the axle (including tongue loads) require more leveling force (pressure) than those carried directly over the axle.
6. Always add air to springs in small quantities, checking the pressure frequently.
7. Should it become necessary to raise the vehicle by the frame, make sure the system is at minimum pressure (5 PSI) to reduce the tension on the suspension/brake components. Use of on-board leveling systems do not require deflation or disconnection.
8. Periodically check the air spring system fasteners for tightness. Also, check the air springs for any signs of rubbing. Realign if necessary.
9. On occasion, give the air springs a hard spray with a garden hose to remove mud, sand, gravel or other debris.

TUNING THE AIR PRESSURE

Pressure determination comes down to three things — level vehicle, ride comfort and stability.

1. **Level vehicle**

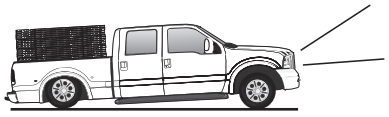
   If the vehicle's headlights are shining into the trees or the vehicle is leaning to one side, then it is not level (Fig. 15). Raise the air pressure to correct either of these problems and level the vehicle.

2. **Ride comfort**

   If the vehicle has a rough or harsh ride it may be due to either too much pressure or not enough (Fig. 16). Try different pressures to determine the best ride comfort.

3. **Stability**

   Stability translates into safety and should be the priority, meaning the driver may need to sacrifice a perfectly level and comfortable ride. Stability issues include roll control, bounce, dive during braking and sponginess (Fig. 17). Tuning out these problems usually requires an increase in pressure.

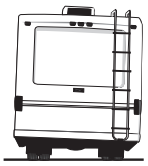


Bad headlight aim

fig. 15

Rough ride

fig. 16



Sway and body roll

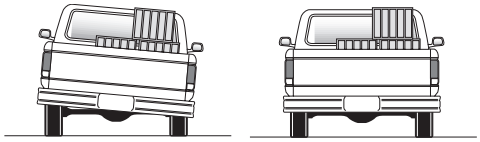
fig. 17

GUIDELINES FOR ADDING AIR

1. Start with the vehicle level or slightly above.
2. When in doubt, always add air.
3. If the front of the vehicle dives while braking, increase the pressure in the front air bags, if equipped.
4. If it is ever suspected that the air bags have bottomed out, increase the pressure (Fig. 18).
5. Adjust the pressure up and down to find the best ride.
6. If the vehicle rocks and rolls, adjust the air pressure to reduce movement.
7. It may be necessary to maintain different pressures on each side of the vehicle. Loads such as water, fuel, and appliances will cause the vehicle to be heavier on one side (Fig. 19). As much as a 50 PSI difference is not uncommon.

Bottoming out

fig. 18



Unlevel

Level

fig. 19

Troubleshooting Guide

PROBLEM	CAUSE	SOLUTION
System won't maintain pressure overnight.	Improperly installed air line, air line has holes or cracks.	Leak test the air line connections, the threaded connection into the air spring, and all fittings in the control system.
Air spring or air line leak.	Fitting seal or air line is compromised.	Check to make sure air lines are seated in connectors. Inspect fittings with soapy water. Trim hose or re-seal fitting. Ensure lines are cut straight.
Corner won't raise or air leak develops.	Look for a kink or fold in the air line.	Replace any air line that has been kinked.

FREQUENTLY ASKED QUESTIONS

Q. Will installing air springs increase the weight ratings of a vehicle?

No. Adding air springs will not change the weight ratings (GAWR, GCWR and/or GVWR) of a vehicle. Exceeding the GVWR is dangerous and voids the Air Lift warranty.

Q. Is it necessary to keep air in the air springs at all times and how much pressure will they need?

For LoadLifter 5000 Ultimate, the recommended minimum air pressure is 5 PSI, but it can safely be run at zero air pressure.

Q. Is it necessary to add a compressor system to the air springs?

No. Air pressure can be adjusted with any type of compressor as long as it can produce sufficient pressure to service the springs. Even a bicycle tire pump can be used, but it's a lot of work.

Q. How long should air springs last?

If the air springs are properly installed and maintained they can last indefinitely.

Q. Will raising the vehicle on a hoist for service work damage the air springs?

No. The vehicle can be lifted on a hoist for short-term service work such as tire rotation or oil changes. However, if the vehicle will be on the hoist for a prolonged period of time, support the axle with jack stands in order to take the tension off of the air springs.

Notes

Notes

Limited Warranty and Return Policy

WHAT THIS WARRANTY COVERS

Air Lift Company provides a warranty to the original purchaser of its Load Support Products, for the periods of time listed below, by product line, from the date of original purchase, that the products will be free from defects in workmanship and materials when used on cars and trucks as specified by Air Lift Company and under normal operating conditions, subject to the requirements and exclusions set forth below.

WHAT THIS WARRANTY DOES NOT COVER

The warranty does not apply to products that have been improperly applied, improperly installed, or which have not been maintained in accordance with installation instructions furnished with all products. This warranty does not apply and is void if damage or failure is caused by: accident, abuse, misuse (including but not limited to racing or off-road activities or commercial use), abnormal use, faulty installation, liquid contact, fire, earthquake or other external cause; operating the product outside Air Lift Company's instructions, specifications or guidelines; or service, alteration, maintenance or repairs performed by anyone other than Air Lift Company to the product from its purchased condition. This warranty also does not apply to: consumable parts, such as batteries; cosmetic damage, including but not limited to scratches or dents; defects caused by normal wear and tear or otherwise due to the normal aging of the product, or if any serial or identification number has been removed or defaced from the product. Air Lift Company reserves the right to change the design of any product without assuming any obligation to modify any product previously manufactured.

LIMITATION OF LIABILITY

To the extent permitted by law, this warranty and the remedies set forth herein are exclusive and in lieu of all other warranties, remedies and conditions, whether oral, written, statutory, express or implied. AIR LIFT COMPANY DISCLAIMS ALL STATUTORY AND IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS TO THE EXTENT PERMITTED BY LAW. To the extent such warranties cannot be disclaimed, such implied warranties shall apply only for the warranty period specified above. Please note that some states do not allow limitation on how long an implied warranty (or condition) lasts. So the above limitation may not apply to you.

Except as provided in this warranty and to the extent permitted by law, Air Lift Company shall not be liable for any direct, special, incidental or consequential damages resulting from any breach of warranty or condition, or arising in connection with the sale, use or repair of air lift products, or under any other legal theory, including but not limited to loss of use, loss of revenue, loss of actual or anticipated profits, loss of the use of money, loss of business, loss of opportunity, loss of goodwill, and loss of reputation. Air Lift Company's maximum liability shall not in any case exceed the purchase price paid by you for the Air Lift product. Please note that some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

HOW TO GET SERVICE

If a defect in workmanship or materials causes your Air Lift product to become inoperable within the warranty period, before returning any defective product, call Air Lift Company at (800) 248-0892 in the U.S. and Canada (elsewhere, (517) 322-2144) to obtain a Returned Materials Authorization (RMA) number. The consumer shall be responsible for removing (labor charges) the defective product from the vehicle and returning it, shipping costs prepaid, to Air Lift Company for verification. Returns to Air Lift Company must be postage prepaid and sent to: Air Lift Company • 2727 Snow Road • Lansing, MI • 48917. You must prove to the satisfaction of Air Lift Company the date of original purchase of your Air Lift product. You must also enclose the RMA number and a return address. A minimum $10 shipping and handling charge will apply to all warranty claims. You must also pack the product to minimize the risk of it being damaged in transit. If we receive a product in damaged condition as the result of shipping, we will notify you and you must seek a claim with the shipper.

WHAT AIR LIFT COMPANY WILL DO

If you submit a valid claim to Air Lift Company during the warranty period, Air Lift Company will, at its option, repair your Air Lift product or furnish you with a new or rebuilt product. Air Lift Company will not reimburse you for repairs or replacement parts provided by other parties. Your repaired or replacement Air Lift product will be returned to you (subject to payment of the required warranty claim shipping and handling charge) and it will be covered under the warranty for the balance of the warranty period, if any. When a product or part is replaced, any replacement item becomes your property and the replaced item becomes property of Air Lift Company. You are responsible for installation/reinstallation (labor charges) of the product.

HOW THE LAW RELATES TO THIS WARRANTY

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. By this warranty, Air Lift Company does not limit or exclude your rights except as allowed by law. To fully understand your rights, you should consult the laws of your state.

SPECIFIC LOAD SUPPORT WARRANTY PERIODS BY PRODUCT LINE

LoadLifter 5000™ Ultimate	Lifetime Limited
LoadLifter 5000™	Lifetime Limited
RideControl™	Lifetime Limited
Air Lift 1000™	Lifetime Limited
AirCell™	Lifetime Limited
SlamAir™	Lifetime Limited
WirelessAIR™	2 Year Limited
WirelessONE™	2 Year Limited
LoadController™ Single and Dual	2 Year Limited
LoadController™ I and II	2 Year Limited
SmartAir™ II	2 Year Limited
Other Accessories	2 Year Limited

Replacement Part Information

If replacement parts are needed, contact the local dealer or call Air Lift customer service at **(800) 248-0892**. Most parts are immediately available and can be shipped the same day.

Contact Air Lift Company customer service at (800) 248-0892 first if:

- Parts are missing from the kit.
- Need technical assistance on installation or operation.
- Broken or defective parts in the kit.
- Wrong parts in the kit.
- Have a warranty claim or question.

Contact the retailer where the kit was purchased:

- If it is necessary to return or exchange the kit for any reason.
- If there is a problem with shipping if shipped from the retailer.
- If there is a problem with the price.

Contact Information

Mailing address	P.O. Box 80167 Lansing, MI 48908-0167
Shipping address for returns	2727 Snow Road Lansing, MI 48917
Phone	Toll free: (800) 248-0892 International: (517) 322-2144
Email	service@airliftcompany.com
Web address	www.airliftcompany.com

Need Help?

Contact Air Lift Company customer service department by calling (800) 248-0892.
For calls from outside the USA or Canada, dial (517) 322-2144.

Thank you for purchasing Air Lift products — the professional installer's choice!

Air Lift Company • 2727 Snow Road • Lansing, MI 48917 or P.O. Box 80167 • Lansing, MI 48908-0167
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