



'99 - '04 Oldmobile Alero, '97-'99 Cutlass Supreme,
'99-'05 Pontiac Grand Am, and
'99-'03 Chevy Malibu
Front Kit Part No. 75535

MN-596
(02410)
ECR 4825

www.airliftcompany.com

Please read these instructions completely before proceeding with installation



Warranty Information

1. All goods come with a one year manufacturer's warranty against defects.
2. Warranty will be void if the strut is altered for any reason and/or adapted to applications other than those suggested.
3. Any abrasions or rub marks on the spring portion of the strut will not be covered under warranty. The customer is responsible for all repair charges.
4. Driving at low PSI can cause the strut to bottom out. Repeated bottoming out can cause the strut to fail. Failure resulting from repeated bottoming out is not covered under warranty.
5. The customer is responsible for all shipping costs to Air Lift Company for all warranty claims.
6. Please call tech support at 1-800-248-0892 before shipping a product to Air Lift Company.



Figure 1



Figure 2



Figure 3



Figure 4

Hardware

<u>Item</u>	<u>P/N</u>	<u>Description</u>	<u>Qty.</u>
A	35035	Front Strut Assembly	2
B	20002	Leader Hose	2
C	18526	Thick Washer	2

IMPORTANT: Always keep safety in mind when working on your vehicle. Completely read these instructions before installing the kit.

I. Preparing the Vehicle

1. Raise the vehicle and support the body with a hoist or jack stands.
2. Remove the front wheels (Figure 1).

II. Strut Removal

1. Remove the two nuts and one bolt from the upper strut tower and save for reinstallation (Figure 2).

NOTE: These are located on the inside of the engine compartment above the strut pocket.

3. Remove the two lower retaining nuts and bolts and save for reinstallation (Figure 3).
4. Remove the strut from the vehicle (Figure 4).

III. Installing the New Strut Assembly

1. Before installing the strut, you must attach the leader hose (B) by screwing it into the threaded port underneath the air bag on the new strut assembly (A) (Figure 5). Seal with teflon tape.
2. Using a spring compressor for safety, remove the nut at the top of the stock strut assembly and discard (Figure 6). Next, remove the upper mounting plate and bearing for use with the new strut assembly (A) (Figure 7).
3. Slide the OEM bearing, OEM upper mount, supplied thick washer (C), and the supplied nyloc nut (came on top of new strut) onto the shaft of the new strut (Figure 8, Figure 9).
4. Insert the new strut into the vehicle's strut pocket (Figure 10).
5. Secure the strut in place by reattaching the OEM upper nuts and bolt (Figure 11).
6. Reattach the two OEM lower bolts and nuts (Figure 12). Tighten all hardware securely.
7. Repeat steps 1-6 for the other side of the vehicle. Finished Installation is shown in Figure 13.



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13

IV. Before Operating

1. Inflate and deflate system (do not exceed 150 p.s.i) to check for clearance or binding issues. With air springs deflated, check clearances on everything so as not to pinch brake lines, vent tubes, etc. Clear lines if necessary.
2. Tighten and visually inspect all hardware after 100 miles.
3. Air Lift part #27741 is highly recommended for this product.
4. Please continue by reading the Maintenance and Operation section.

V. Maintenance and Operation:

Minimum Pressure	Maximum Pressure
10 p.s.i.	150 p.s.i.
<i>Failure to maintain correct minimum pressure (or pressure proportional to load), bottoming out, overextension, or rubbing against another component will void the warranty.</i>	

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

1. Always maintain Ride Height. Never inflate beyond 150 p.s.i.
2. Always adjust the air pressure to maintain Ride Height. Increase or decrease pressure from the system as necessary to attain Ride Height for optimal ride and handling.
3. **IMPORTANT:** For your safety and to prevent possible damage to your vehicle, *do not exceed Maximum Gross Vehicle Weight Rating (GVWR), as indicated by the vehicle manufacturer.* Although your air springs are rated at a maximum inflation pressure of 150 p.s.i., the air pressure actually needed is dependant on your load and GVWR, which may be less than 150 p.s.i. Check your vehicle owners manual and do not exceed the maximum load listed for your vehicle.
4. Should it become necessary to raise the vehicle by the frame or do any service work, make sure the system is at minimum pressure (10 p.s.i.) for safety and to reduce the tension on the suspension/brake components. Check that the front lower brackets nest properly in the lower A-arm when servicing is complete. Do this before operating the vehicle.



Thank you for purchasing Air Lift Products

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For Technical Assistance call 1-800-248-0892

“The Choice of the Professional Installer”

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