
Please read these instructions completely before proceeding with installation



Warranty Information

1. All goods come with a one year manufacturers 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 will not be covered under warranty. The customer is responsible for all repair charges.
4. Driving at low PSI can cause the spring to bottom out. Repeated bottoming out can cause the spring 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

Item	P/N	Description	Qty.
A	58517	Rear Bag Assembly	2
B	17218	Hex Cap Screw 3/8"-24 x 1.25 G8	2
C	17267	Self Tap Screw 5/16"-18 x 1.5	8
D	17234	Hex Cap Screw 3/8"-24 x .75 G5	4
E1	21779	Fitting - 1/4NPT X 1/4PTC, Elbow	2
E2	21866	Fitting - 1/2NPT X 3/8PTC, Elbow	2
F	21247	1/2MNPT X 1/4FNPT Bushing	2
G	07981	Upper Bracket Left	1
H	07894	Upper Bracket Right	1
I	03984	Lower Bracket	2
J	18207	Flat Washer 2" dia.	6
K	18444	Flat Washer 3/8"	6
L	11801	Roll Plate	2

Tools Used:

3/8" drive	1/2" x 3/8" socket
14mm socket & ratchet	pry bar
17mm wrench	cut off wheel
floor jacks or other lifting device	drill
1/4" drill bit	

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 jackstands.
2. Remove the rear wheels.

II. Removing the Strut

1. Remove the section of interior trim blocking access to the upper shock mount (Figure 1).

NOTE: This is located behind the seats in the trunk compartment above the strut pocket.

2. Remove the two upper retaining nuts, washer, and bushing from the upper shock mount and save for reinstallation (Figure 2).

NOTE: Remove the upper retaining hardware from both sides of the vehicle before proceeding with instructions.

3. Remove the nut and washer from the axle assembly and save for reinstallation (Figure 3).
4. Remove the shock from the vehicle and save for reinstallation (Figure 4).

NOTE: Remove the shocks from both sides of the vehicle before proceeding with instructions.

5. Elevate the rear of the vehicle and remove the coil spring. Discard the coil spring and rubber protectors (Figure 5).

CAUTION: Use extreme caution.

III. Removing Exhaust Components

1. On the passenger side of the vehicle, it will be necessary to remove the exhaust system and muffler heat shield.
2. Remove the exhaust clamp (Figure 6). Using a pry bar, remove the rubber hangers from the muffler (Figure 7).

NOTE: One rubber hanger is located at the front end of the muffler and one is located at the back. Remove both.

3. Remove the muffler and save for reinstallation (Figure 8).
4. Remove the two bolts from the muffler heat shield and save for reinstallation. Remove the heat shield and save for reinstallation (Figure 9).



Figure 5

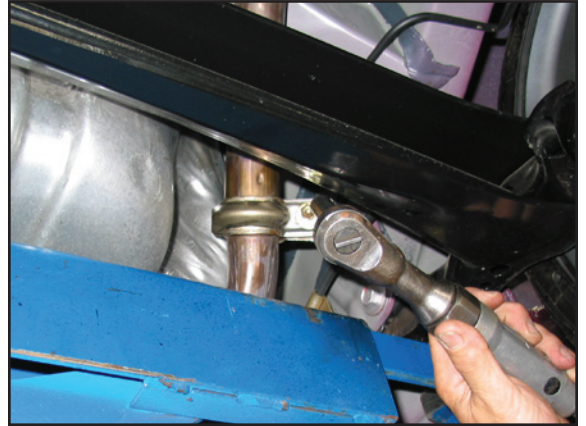


Figure 6



Figure 7



Figure 8



Figure 9

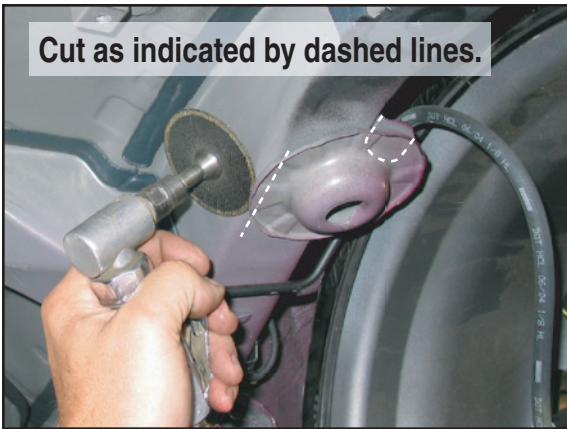


Figure 10

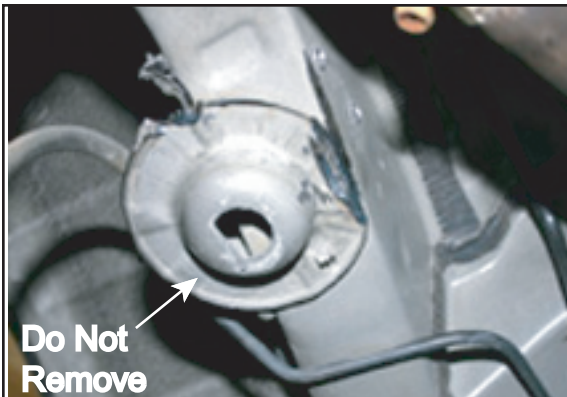


Figure 11



Figure 12



Figure 13

IV. Preparing the Spring Perches

1. Using a die grinder or other appropriate cutting device, cut off the protruding portion of the upper spring perch as marked by the dashed line in Figure 10.

NOTE: *DO NOT* remove the OEM spring mount (Figure 11).

V. Install Bag Assembly

1. Place Roll Plate (L) on bag (Figure 12).
2. Attach the upper mount (G or H) to the bag using the supplied bolts(D)and washers (K). (Figure 12).
3. Install supplied air fitting (E1 or E2) (Figure 12).

NOTE: Use teflon tape or thread sealant.

4. Place lower mounting plate (I) on axle (Figure 13).
5. Place bag assembly on top of lower mounting plate (Figure 14).
6. Using supplied bolts (B) and supplied washers(K),(J), thread bolt into bottom of bag assembly and snug up (Figure 16).

NOTE: Make sure small washer is below large washer.

VI. Attaching Upper Mount

1. Use jack to raise axle so that upper mount comes in contact with the frame.
2. Position upper mount so that the lower tab is on the edge of the hole in the frame.

NOTE: Hole may have a rubber plug over it.

3. Using the tab as a template, mark this hole and drill with 1/4" bit.
4. Install supplied self-threading bolts (C) and snug up (Figure 15).

NOTE: Do not overtighten self-threading bolts..

5. Once the bracket is snug, drill the three remaining holes with 1/4" bit (Figure 17).
6. Install supplied self-threading bolts (C) in the holes and snug up (Figure 19).



Figure 14



Figure 15



Figure 16

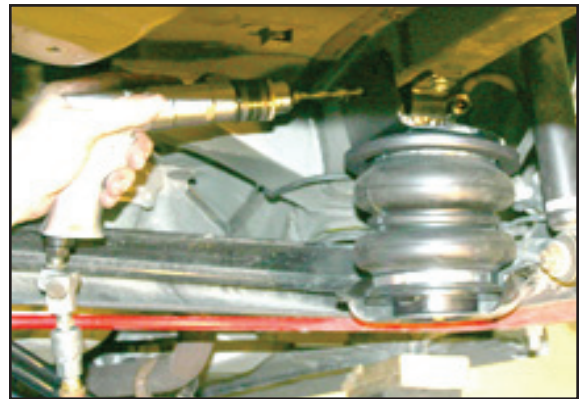


Figure 17



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22



Figure 23

VII. Reinstalling OEM Components

1. Remove the jounce bumper from the dust shield on the OEM shock (Figure 20).
2. With an exacto knife, cut the jounce bumper in half and save the upper portion (Figure 21).
3. Reinstall the upper portion of the jounce bumper inside the dust shield.
4. Reattach the dust shield assembly to the OEM shock using retained OEM hardware (Figure 22).
5. Reinstall the previously removed muffler and heat shield by following the removal steps in reverse (Figures 6-9).
6. Reinstall the modified shock assembly into its stock location using retained OEM upper and lower mounting hardware (Figures 2-4).
7. Reinstall the section of interior trim previously removed to gain access to the shock upper mount. Attach with retained OEM hardware (Figure 1).
8. Repeat steps 1-8 for the other side of the vehicle.
9. Finished Installation as shown (Figure 23).

VIII. Before Operating

1. Tighten and visually inspect all hardware after 100 miles.
2. Our Sport Compact Air Management System (#27741) kit is highly recommended for this product.
3. Please continue by reading the Maintenance and Operation section.

XI. 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),</i>	

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

1. Always maintain Ride Height.
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. 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.



Thank you for purchasing Air Lift Products

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