

AIR LIFT 1000

P/N 60799



MN-287
(02807)
NPR2499

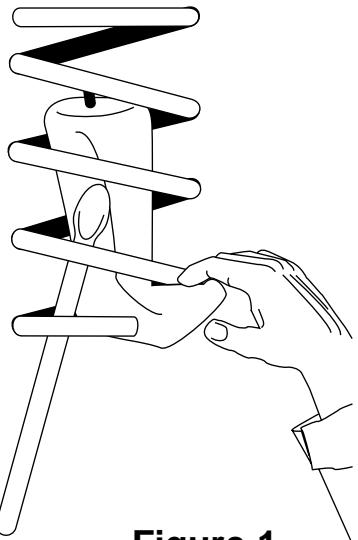


Figure 1

1. Lower axle or raise body of vehicle until suspension is fully extended. Support frame with jack stands.
2. Air cylinders are shipped in the "as molded" shape. For ease of installation, remove plastic cap from barbed stem on end of cylinder. Push on air cylinder to evacuate as much air as possible. It may be rolled up toward valve stem. Replace cap on stem to maintain flat shape.
3. Insert flattened air cylinder into lowest opening with stem at the top. Push the cylinder up within the coil by hand or with a blunt instrument such as a spoon-type tire iron (see Figure 1).
4. When the cylinder is completely within the coil, remove the cap and allow the cylinder to assume its "as molded" shape.
5. Install protector in upper spring seat as shown in Figure 2.
6. Install air line as detailed on pages 2 and 3.
7. Inflate cylinders to 35 lbs air pressure. Test for air leaks by applying a liquid soap solution to all valve cores, fittings and connections.
8. Lower vehicle to the ground and adjust the air pressure until the vehicle is at the desired ride height. Rear Maintenance/Operation for proper care of your air cylinders.
9. Recheck air pressure after 24 hours. A 2-4 p.s.i. loss after initial installation is normal. If pressure has dropped more than 5 p.s.i. retest for leaks with a soapy water solution.

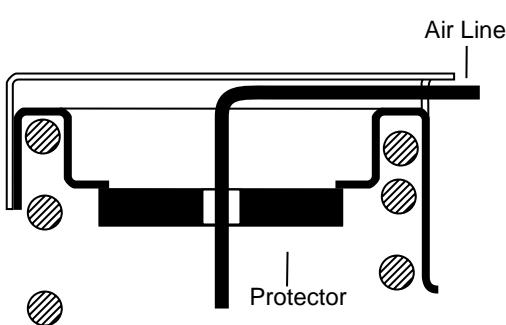


Figure 2

DO NOT INFLATE AIR CYLINDERS BEFORE READING MAINTENANCE AND OPERATING TIPS ON LAST PAGE.

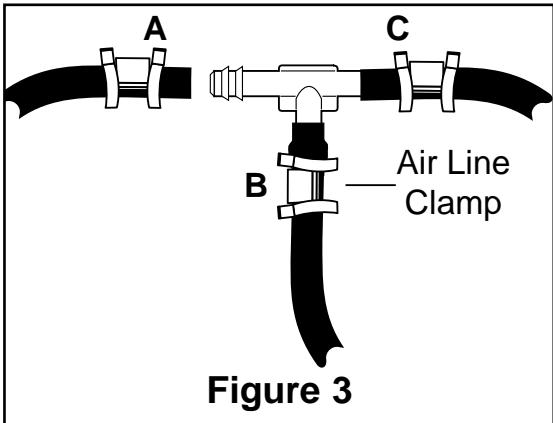


Figure 3

AIR LINE INSTRUCTIONS

CAUTION: LEAVE SUFFICIENT AIR LINE SLACK TO PREVENT ANY STRAIN ON FITTINGS DURING AXLE MOTIONS.

TO PREVENT AIR LINE FROM MELTING, KEEP IT AT LEAST TWELVE INCHES FROM EXHAUST SYSTEM.

"T" air line installation recommended unless weight in vehicle varies from one side to the other and unequal pressures are needed to level the load. Dual air lines are used in this case.

TEE AIR LINE CONNECTION

- A. Locate desired tee location on the frame rail or cross member.
- B. Determine and cut adequate length of air line to reach from tee to left and right side air cylinders.

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- C. Slide air line clamp onto the air line.
- D. Push the air line over one side of the tee until all the barbs are covered. Repeat procedure for other leg of tee (Figure 3).
- E. With pliers slide the air line clamp forward until it fully covers the barbed section. Repeat for the other leg of tee (Figure 3).
- F. Route air line along cross member and upper spring seat to left and right air cylinder.
- G. Insert air line through spring seat, protector and slide on air line clamp (Figure 4).
- H. Push the air line onto the barbed cylinder stem, covering all the barbs (Figure 4).
- I. With pliers slide the air line clamp upward until it fully covers the barbed section.
- J. Push the remaining air line over the last fitting on tee and route along frame to desired inflation valve location (Figure 5). Attach with plastic straps or wire.
- K. Select a location for inflation valve in the gas cap well, the trunk, rear bumper, fender flange or behind the license plate, insuring that the valve will be protector and accessible with air line.

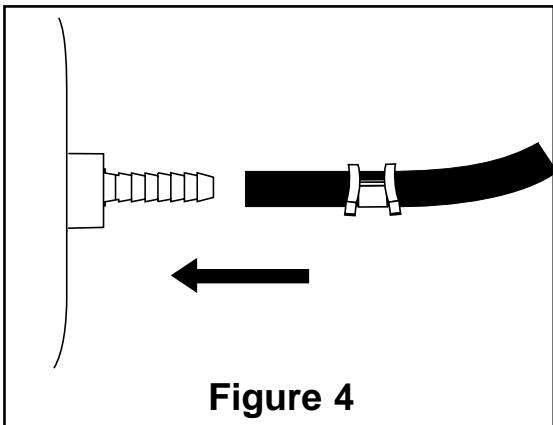


Figure 4

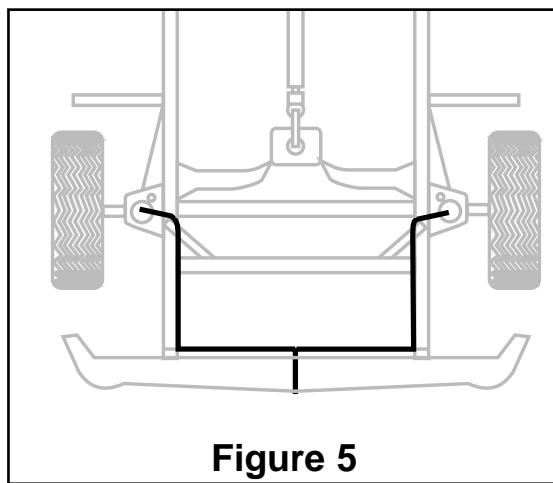


Figure 5

L. Drill a 5/16" hole for inflation valve and mount as in illustration (Rubber washer is for outside weather seal). See Figure 6.

M. Slide air line clamp over air line. Push air line onto fitting covering all barbs. With pliers slide the air line clamp forward until it fully covers the barbed section (Figure 3).

N. Continue with step 7 on page 1.

DUAL AIR LINE CONNECTION

A. Select a location for the inflation valves in the gas cap well, the trunk, rear bumper, fender flange or behind the license plate, insuring that each valve will be protected and accessible with an air line.

B. Determine and cut adequate length, not longer than 90" of air line to reach from valve location to left side air cylinder.

C. Insert air line through spring seat, protector and slide on air line clamp (Figure 4).

D. Push the air line onto the barbed cylinder stem, covering all the barbs (Figure 4).

E. With pliers slide the air line clamp upward until it fully covers the barbed section.

F. Route air line along frame or under fender panel to desired inflation valve location (Figure 7). Attach air line to chassis with plastic straps or wire.

G. Drill 5/16" hole for inflating valves and mount as illustrated (Rubber washer for outside weather seal, Figure 6).

H. Slide air line clamp over air line. Push air line onto fitting covering all barbs. With pliers slide the air line clamp forward until it fully covers the barbed section (Figure 3).

I. Repeat process for right side.

J. Continue with step 7 on page 1.

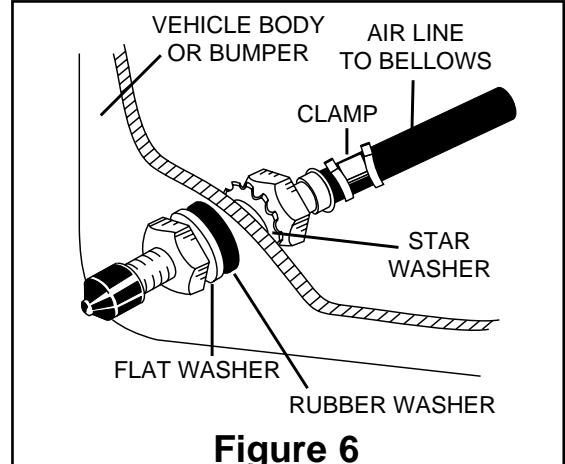


Figure 6

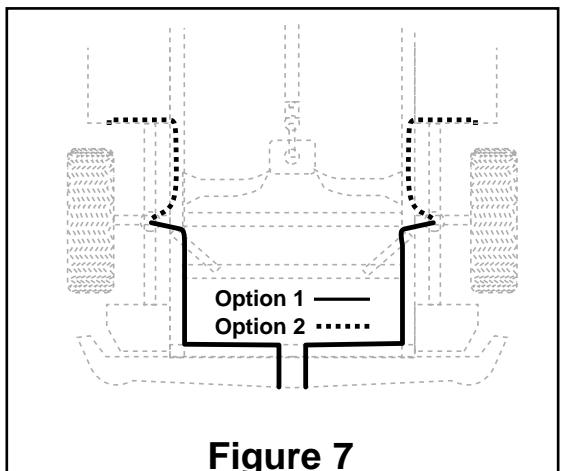


Figure 7

FAILURE TO MAINTAIN MINIMUM PRESSURE WILL VOID THE WARRANTY

MINIMUM AIR PRESSURE 5 P.S.I.	MAXIMUM AIR PRESSURE 35 P.S.I.
MAINTENANCE TIPS:	
1. Check pressure monthly! 2. Always maintain at least the recommended minimum air pressure to prevent the air spring from being pinched. Never inflate beyond the recommended maximum air pressure. 3. If you develop an air leak in the system, use a soapy water solution to check all air line connections and the valve core before removing air spring.	
OPERATING TIPS:	
1. Inflate your air springs to 30 p.s.i. before adding the payload. This will allow the air cylinder to properly mesh with the coil spring. After vehicle is loaded, adjust your air pressure (down) to level the vehicle and for ride comfort. 2. Always add air to springs in small quantities, checking the pressure frequently. Air springs require less air volume than a tire and inflate quickly.	
 <i>Thank you for purchasing Air Lift Products</i> AIR LIFT COMPANY P.O. BOX 80167 Lansing, MI 48908-0167	
FOR TECHNICAL ASSISTANCE CALL 1-800-248-0892	
Caution: DO NOT EXCEED THE VEHICLE MANUFACTURERS MAXIMUM GROSS VEHICLE WEIGHT RATING.	

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