



# Air Management System

## Part No. 27660

www.airliftcompany.com

MN-630  
(01504)  
ECR 5107

*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. The customer is responsible for all shipping costs to Air Lift Company for all warranty claims.
3. Please call tech support at 1-800-248-0892 before shipping a product to Air Lift Company.

### *Hardware List*

Item	Part No.	Description	Quantity	Item	Part No.	Description	Quantity
A	16190	Viair Compressor	1	R	21610	1/4" MNPT x 1/8" FNPT Bushing	1
B	10980	2 Gallon Air Tank	1	S	21366	Inflation Valve 1/8" MNPT	1
C	18444	3/8" Flat Washer	8	T	21754	1/4" MNPT Drain Cock	1
D	17188	3/8"-16 x 1.25 Bolt	4	U	21731	Plug	2
E	18435	3/8" Nyloc Nut	4	V	21846	3/8" x 1/4" PTC Elbow	1
F	26229	Dual Needle Gauge Panel	1	W	24551	110-145 PSI Pressure Switch	1
G	20946	1/4" Air Line	60 ft.	X	24542	Fuse Tap	1
H	17132	1/2" Self-Tapping Screw	3	Y	24561	Mini Fuse Adapter	1
I	24568	18 Gauge Ring Terminal	1	Z	24649	12 Gauge Butt Connector	2
J	24537	Quick Splice	1	AA	24595	12 Gauge Female Terminal	2
K	24532	Butt Connector	2	BB	17263	1/4" x 1" Self-Tapping Screw	1
L	24643	16 Gauge Red Wire	8 ft.	CC	24647	12 Gauge Red Wire	20 ft.
M	24644	16 Gauge Black Wire	8 ft.	DD	24539	Fuse Holder	1
N	24594	16 Gauge Female Terminal	2	EE	24547	30 AMP Fuse Spade	1
O	21507	3/8" Street Tee	1	FF	23586	Thread Sealant	1
P	21735	1/8" FNPT x 3/8" MNPT Bushing	1	GG	10530	Air Line Cutter	1
Q	21738	1/4" FNPT x 1/8" FNPT Bushing	1				

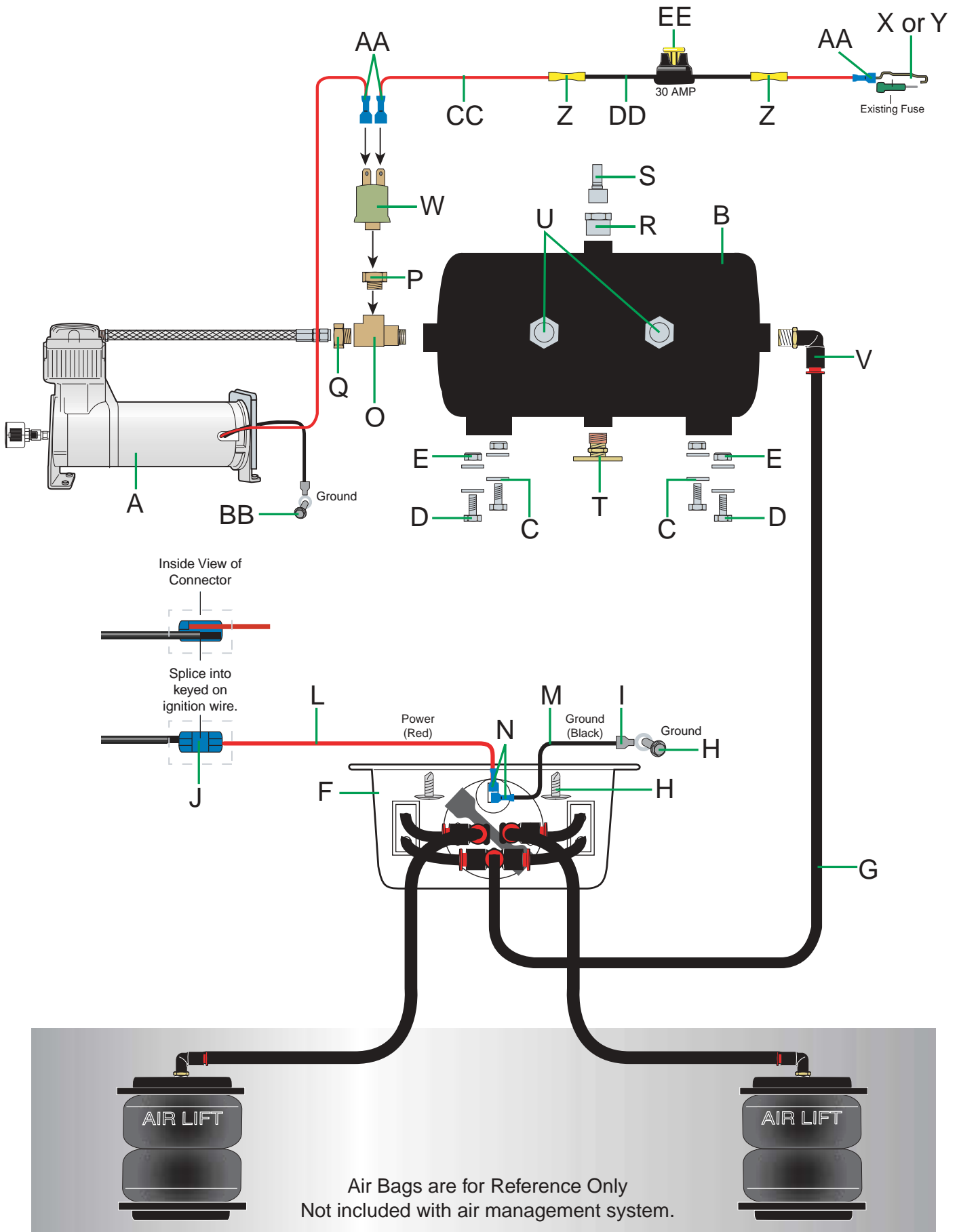


Figure 1

***The following instructions correspond to Figure 1 on the previous page of the instruction manual.***

## **I. Assembling the Air Tank**

*NOTE: All fittings must be pre-coated with thread sealant.*

1. Install a 1/8" bushing (P) to the top port of the street tee (O) and a 1/4" bushing (Q) to the other port.
2. Attach the pressure switch (W) to the 1/8" bushing previously installed onto the street tee.
3. Attach the street tee assembly to the end port of the air tank (B).
4. Install a drain cock (T) to the port that is at the base of the compressor.

*NOTE: If the tank is mounted with the feet up, the drain cock must be installed on the other side of the compressor. The drain must always be installed in the port that is facing downward.*

5. Install a 1/4" x 1/8" bushing (R) to the port that is facing upwards on the air tank. Attach an inflation valve (S) to the bushing.
6. Install an air fitting (V) to the remaining end port of the air tank.
7. Install plugs (U) to the two ports on the front of the air tank.
8. Find a suitable mounting location for the air tank and mount using the provided bolts (D), flat washers (C), and nyloc nuts (E).

## **II. Attaching the Compressor**

1. Find a suitable mounting location for the compressor and mount using the hardware included with the compressor.
2. Attach the leader hose from the compressor (A) to the 1/4" x 1/8" bushing previously attached to the street tee.

## **III. Wiring the System**

1. Attach the red power wire from the compressor to the pressure switch using the attached female terminal.
2. Attach the black ground wire to a suitable location on the frame of the vehicle using a self-tapping screw (BB).
3. Cut a length of red wire (L) long enough to go from the gauge panel to a keyed on ignition wire. Attach a female terminal (N) to one end of the wire. Attach this end to the gauge panel.
4. Splice the remaining end of the red power wire to a keyed on ignition wire using the provided quick splice (J).
4. Ground the gauge panel by attaching the black ground wire to a suitable location using the remaining self-tapping screw (H).
5. Cut a length of red wire (CC) to go between the pressure switch on the air tank to a fuse holder (DD). Attach the two together using a butt connector (Z).
6. Install a 30 AMP fuse into the fuse holder.
7. Cut another length of red wire (CC) long enough to go between the fuse holder and the fuse box. Attach a female terminal (AA) to one end of the wire and attach the remaining end to the fuse holder using a butt connector (Z).
8. Attach the female terminal to either the fuse tap (X) or mini fuse adapter (Y). Attach this to the fuse panel.

## IV. Attaching the Air Lines

*CAUTION: When cutting or trimming the air line, use a hose cutter (GG), a razor blade or a sharp knife. A clean, square cut will ensure against leaks. Do not use wire cutters or scissors to cut the air line. These tools may flatten or crimp the air line, causing it to leak.*

1. Run a length of air line (G) from the air fitting on the compressor to the center port of the teed lower air fitting on the gauge panel.
2. Run a length of air line from one of the remaining air fittings on the gauge panel to its respective air spring.
3. Repeat step 2 for the remaining air fitting and air spring.



***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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