

# Wireless Leveling System

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spring 2011  
**Reunion & Rally**  
march 17-20

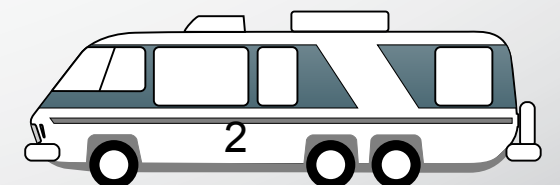


*John Shotwell*  
*VP Administration*  
*Royale - Center Kitchen*  
*Ridgeville Corners, Ohio*

# The Task

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- Replace unreliable, failing or non-functional air control system in 1978 TZE with ElectroLevel II
- Must be simple to install and work effectively
- Components of existing system (leveling guides, solenoids, compressors, etc. ) discarded
- Retain ability to raise or lower sides independently of each other

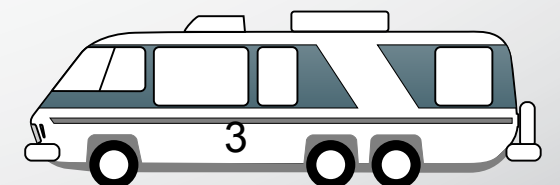




# The Solution Components

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- Air compressor (larger is quicker)
- Air supply control module - with wireless receiver
- Wireless remote control
- Power relay
- Air tank (optional)

Works with all rear suspension systems  
on any GMC motorhome





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LOAD SUPPORT ON BOARD AIR SYSTEMS

Home » Easy Street » Load Support On Board Air Systems » WIRELESSAIR; LEVELING COMPRESSOR CONTROL SYSTEM



Enlarge Image


WIRELESSAIR; LEVELING COMPRESSOR CONTROL SYSTEM USD\$ 636.08

72000  
Item is available.


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DESCRIPTION

Controls Two Air Springs Independently. Wireless Hand Held Unit For Convenient Operation. Advanced Diagnostics For Safety/Peace of Mind. Automatically Maintains Set Pressures. Compact Remote The Size Of A Garage Door Opener. Memory Buttons For Frequent Used Settings. Incl. Comp/Manifold/Control Box.

 [Installation Instructions](#)

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# Manual - Main Components

**WirelessAIR**  
Advanced Integrated Remote  
by AIR LIFT.

**Kit 72000**  
**Automatic Leveling**  
**Digital On-Board**  
**Compressor System**

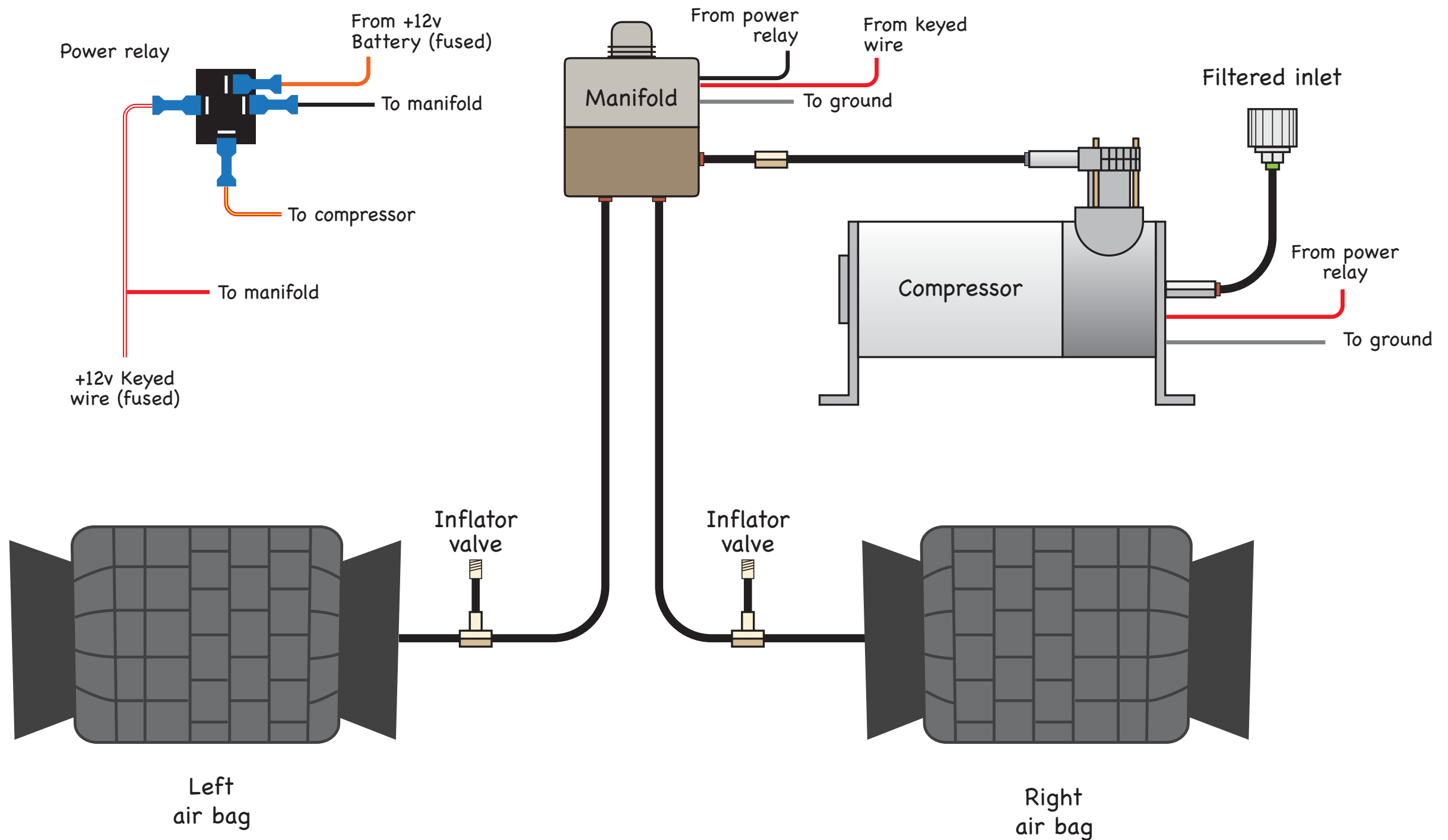


## INSTALLATION GUIDE

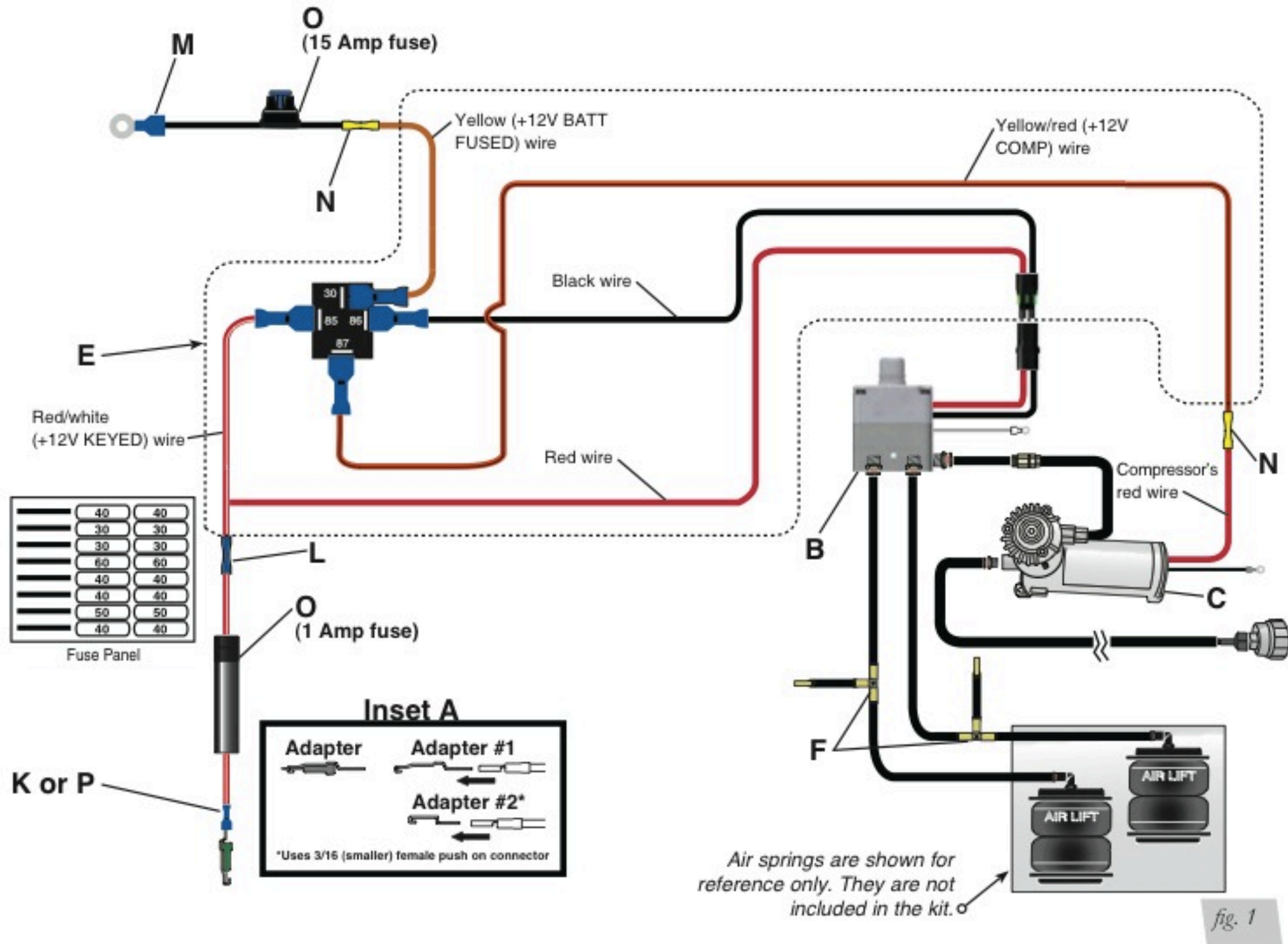
For maximum effectiveness and safety,  
please read these instructions completely  
before proceeding with installation.

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

# Simplified View of System



# The Schematic (as found in documentation)





# Hardware and Tool List

## HARDWARE LIST

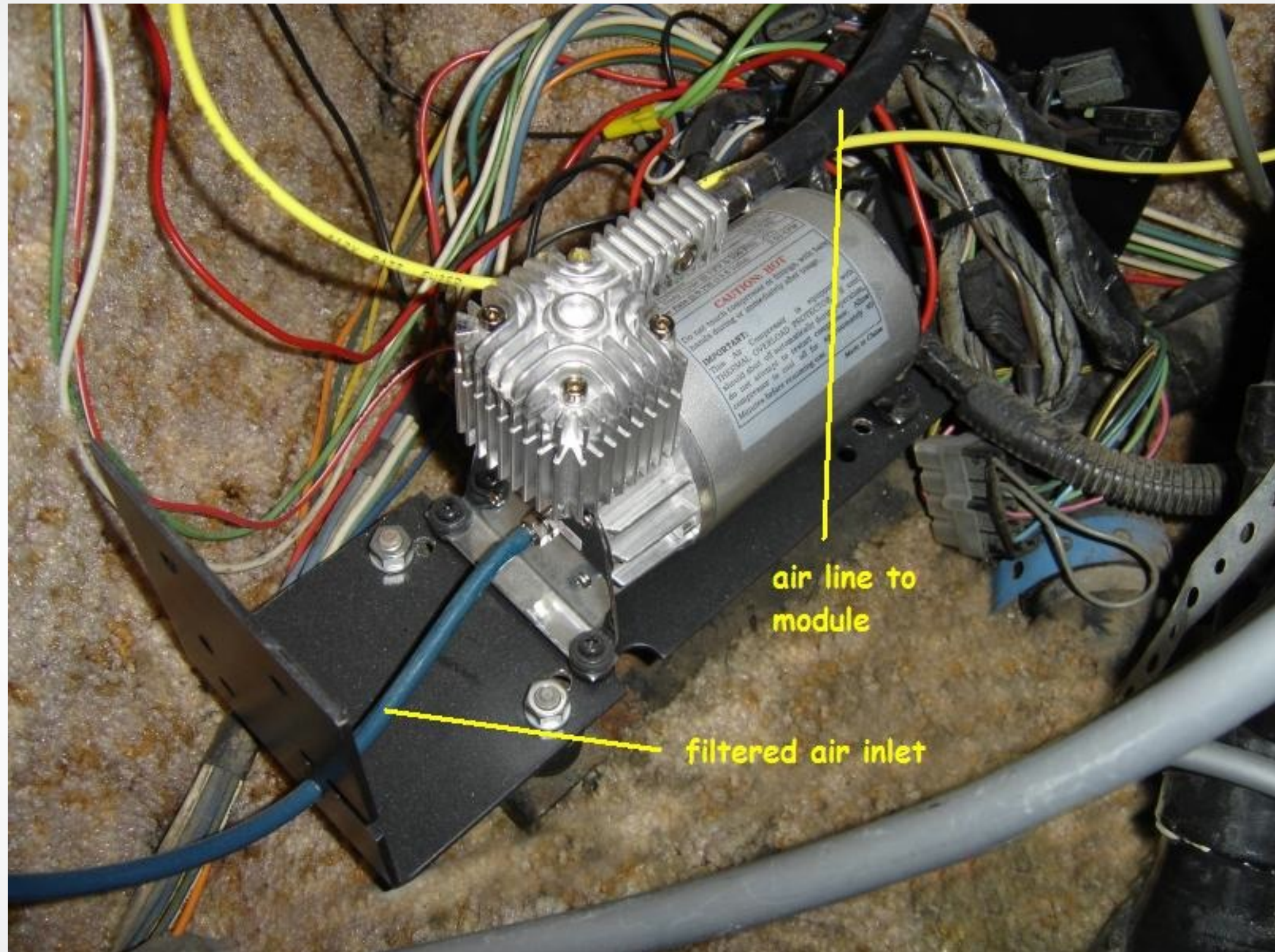
Item	Part #	Description.....Qty	Item	Part #	Description.....Qty
A	72001	Wireless digital controller*.....1	O	24767	Barrel and spade fuse pack.....1
B	72003	Wireless manifold.....1	P	24542	3/16 Female spade 22-18 ga.....1
C	16092	12V Compressor.....1	Q	21834	1/8" FNPT - 1/4" PTC.....1
D	20220	20 ft. hose.....1	R	21839	1/8" MNPT - 1/4" PTC.....1
E	72003-004	Wireless manifold harness.....1	<b>Mounting Hardware Pack (34639)</b>		
<b>Harness Hardware Pack (34638)</b>			S	17385	10-32" x 1/2" Screw.....2
F	21838	Tee 1/4 PTC.....2	T	10466	8" Zip tie.....16
G	24537	Quick splice 18-22 ga.....1	U	17263	1/4" x 1 Self-tapping screw.....1
H	24561	Adapter mini fuse.....1	V	18411	5/16" Lock Washer.....1
J	24542	1/4 ATC/ATO tap in fuse.....1	W	17132	#8-18 x 1/2" Philips S-t screw (black)....2
K	24594	1/4 Female spade 22-18 ga.....1	X	17386	#10 x 2.5 Self-tapping screw.....1
L	24661	Heat shrink butt 22-18 ga.....1	Y	10977	Magnet.....1
M	24748	Ring terminal 12 ga.....1	Z	72001-004	Visor Clip.....1
N	24752	Heat shrink butt 16 ga.....2	* Batteries not included.		

## TOOLS LIST

Description.....Qty	Description.....Qty
Hoist or floor jacks.....1	7/32 & 1/8 Drill bits.....1
Safety stands.....2	5/16 Driver.....1
Safety glasses.....1	Hose cutter, razor blade, or sharp knife.....1
Torque wrench.....1	Spray bottle with dish soap/water solution.....1
Heavy duty drill.....1	Digital volt meter.....1
#2 Phillips bit driver.....1	

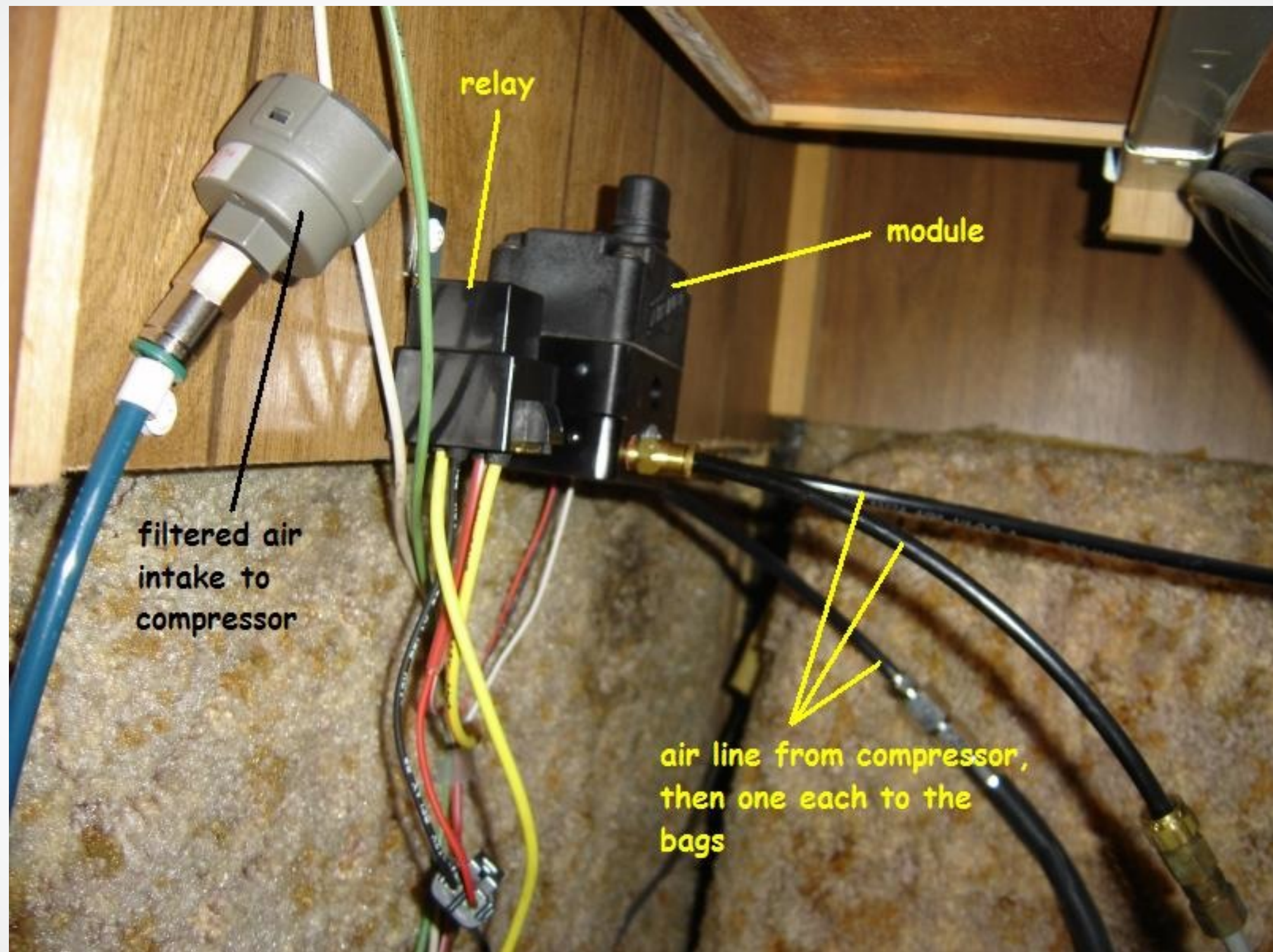


# The Compressor and Connections





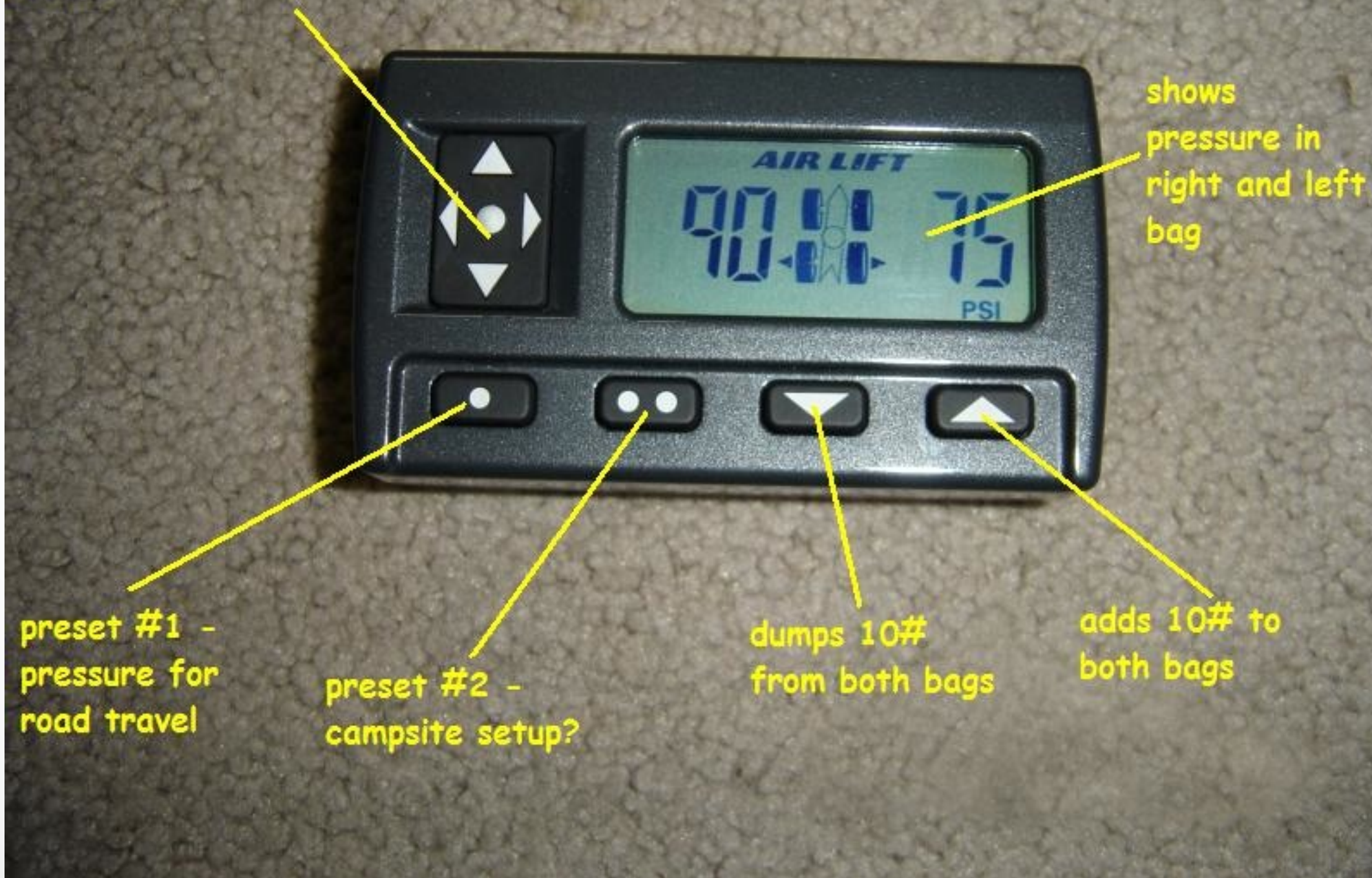
# Control Module and Air Connections





# The Remote Control

selects either, or both bags. raises or lowers either, or both bags amount you specify. system will maintain the pressures you set in each bag automatically, up or down.





# Hints for the Wise

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- Not a direct replacement, no automatic leveling
- Cheaper than complete repair of stock system
- Remote control supports leveling from outside of coach as well as inside
  - visual inspection required
- Firestone - 2540 or 2849 are similar (wireless optional)
- Heavy duty compressor may be preferred

# Where to get it

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- Information
  - <http://shop.airliftcompany.com/product/>
  - <http://www.firestoneindustrial.com/riderite/>
- Purchasing
  - Amazon.com
  - Applied GMC - Firestone components
  - Summit Racing Equipment
  - Others