

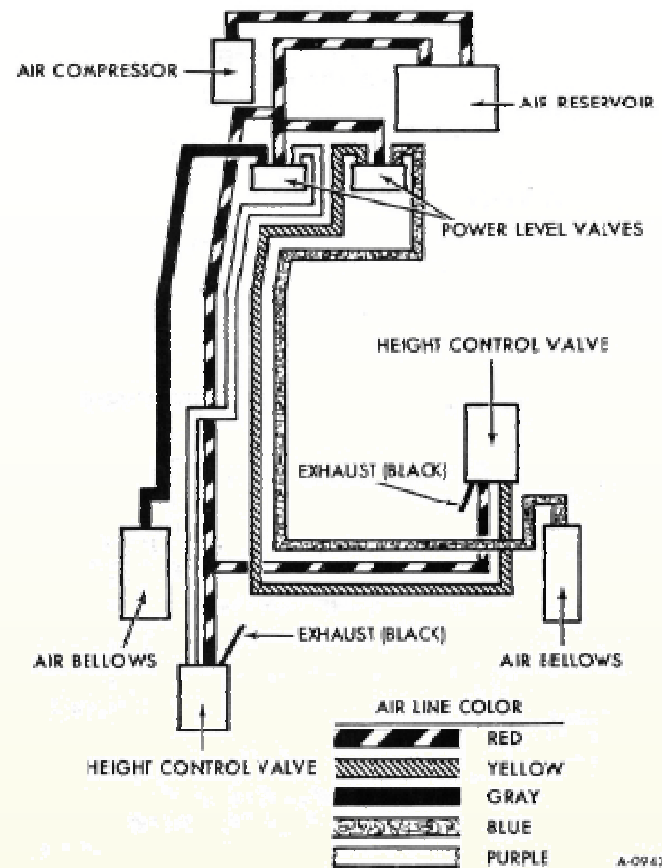


*Wireless Air System
for the GMC TZE*
Bovee's

WS 2012 Spring GMC Roundup
Casa de Fruta Wine Festival
Hollister, CA
April 24-29

GMC Air Suspensions

- ◆ Power Level
- ◆ Electro Level I
- ◆ Electro Level II



GMC Air Suspension System

Power Level



GMC Air Suspension Parts

Power Level



GMC Air Suspension Parts

Power Level



GMC Air Suspension Parts

Electro Level I



GMC Air Suspension Parts

Electro Level I



GMC Air Suspension Parts

Electro Level II

System Problems

- ◆ Leaks – lots of places for leaks
- ◆ Part failures – valves, solenoids, switches, relays, regulator & air lines
- ◆ Expensive \$\$\$ to debug & repair

Factoid

- ◆ Probably half the GMCs on the road have non-functioning air systems.
- ◆ What are they using?



Schrader & shutoff valves

Manual leveling

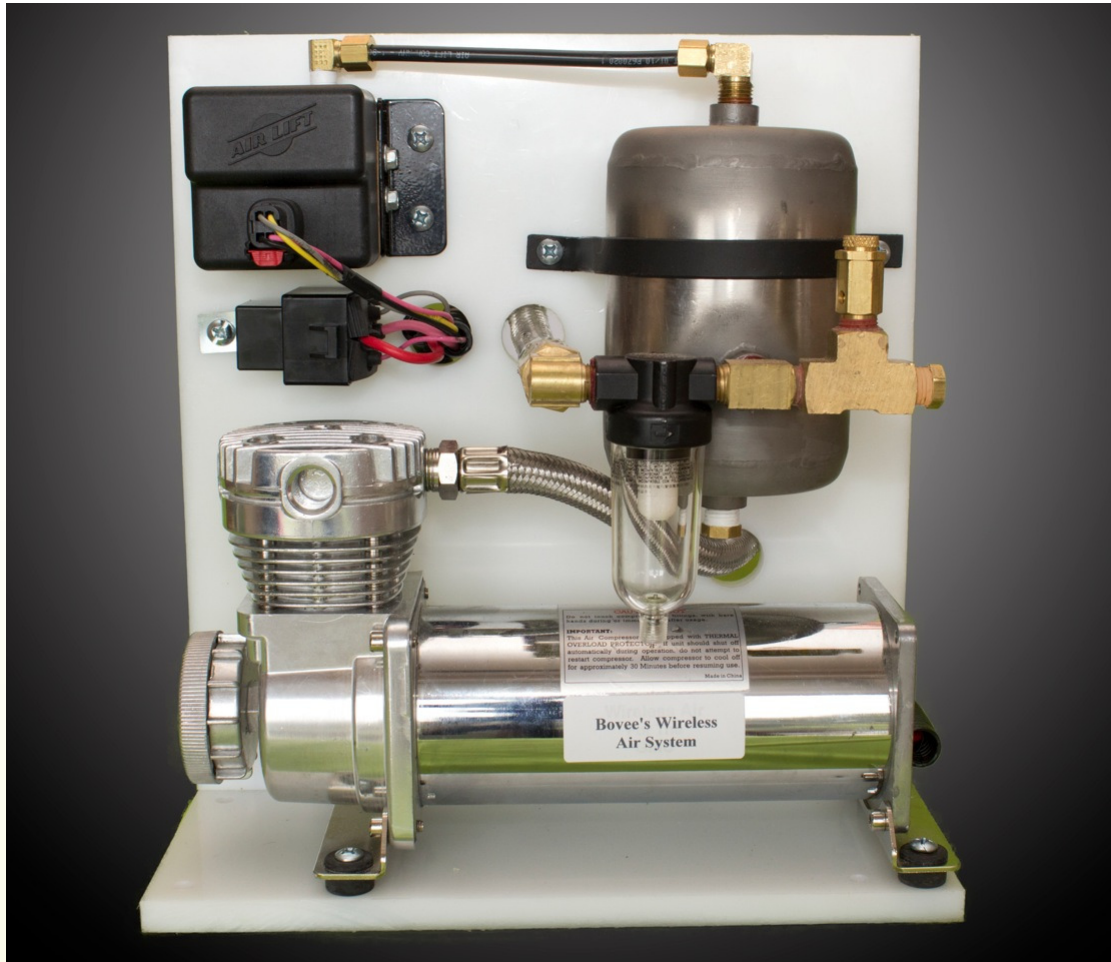
Replacement criteria

- ◆ Fewer air connections
- ◆ Fewer mechanical parts to fail
- ◆ Fewer wire connections
- ◆ Larger compressor w/100% duty cycle rating
- ◆ Less expensive



Wireless Air System

Fewer parts, reduced cost, improved service



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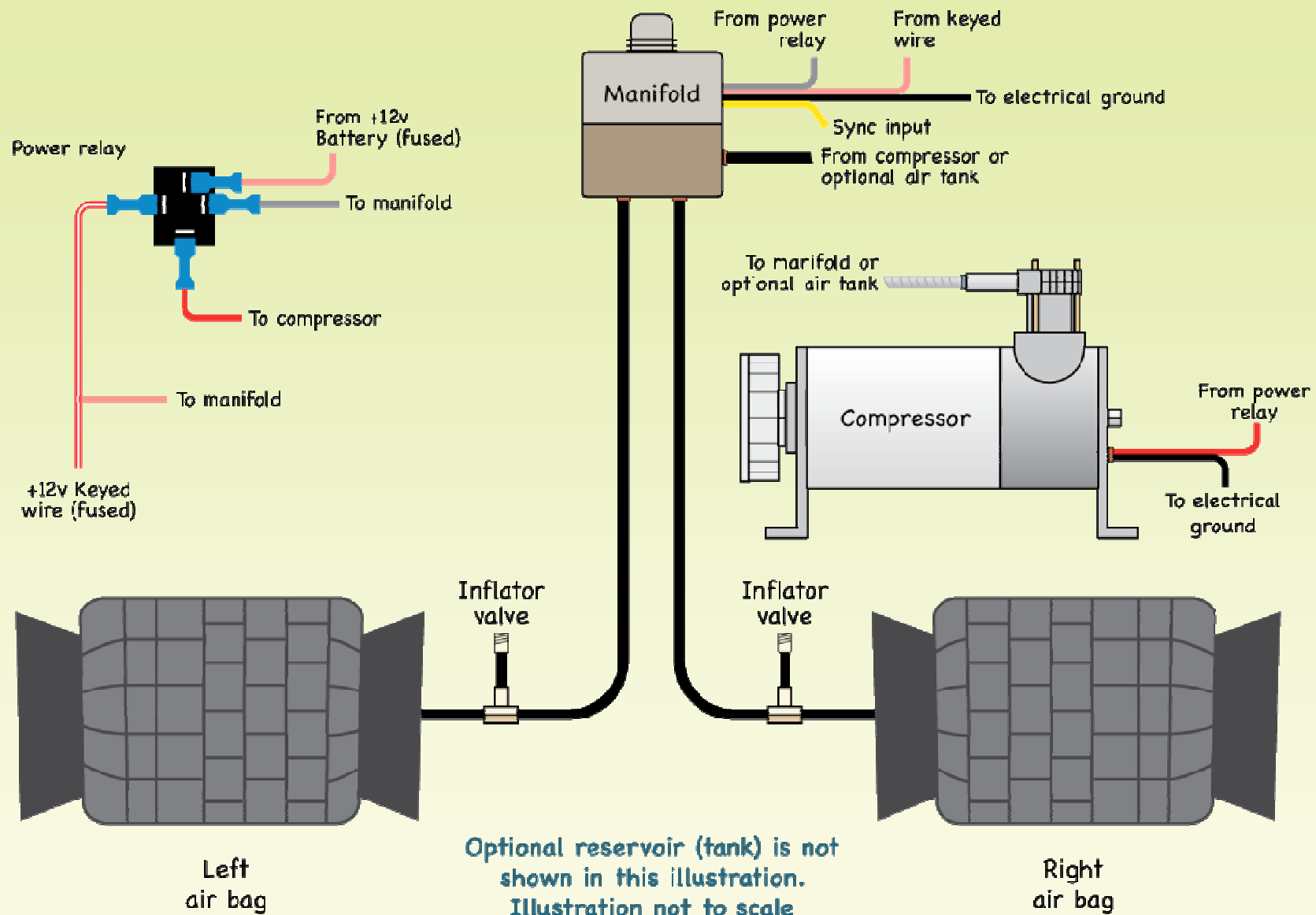


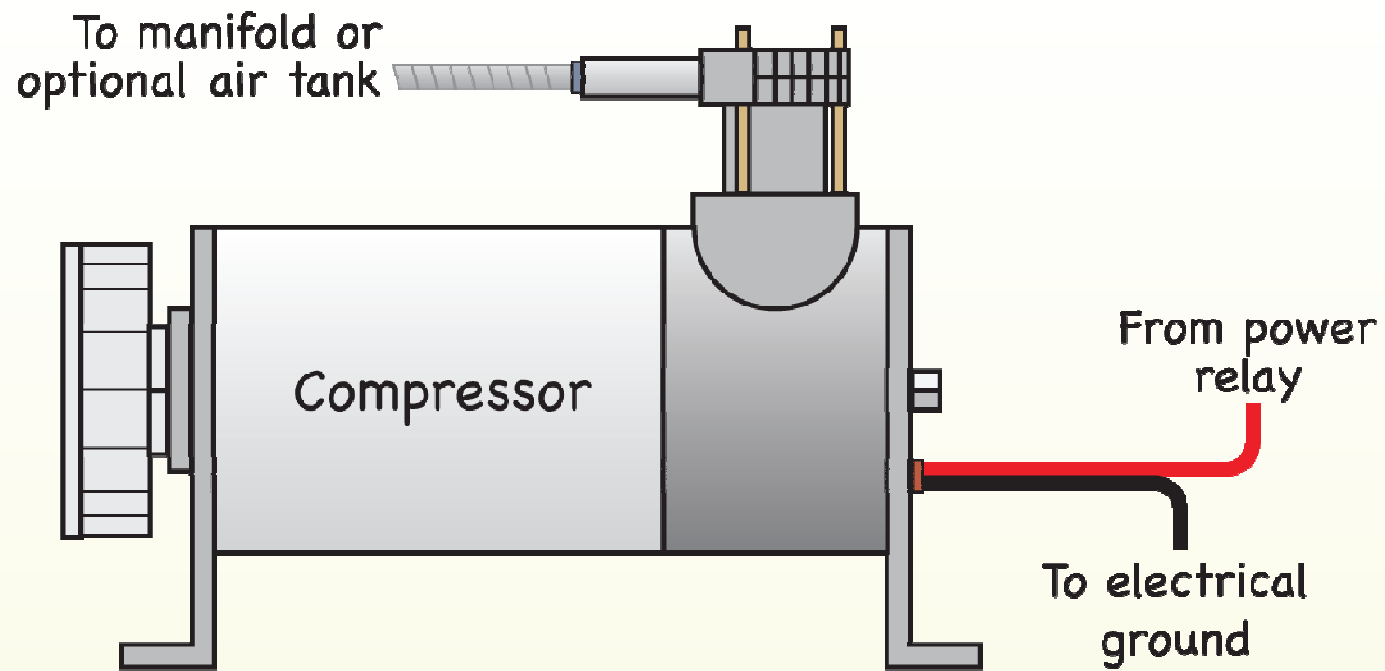
Air Lift Remote

Simple to operate, wireless

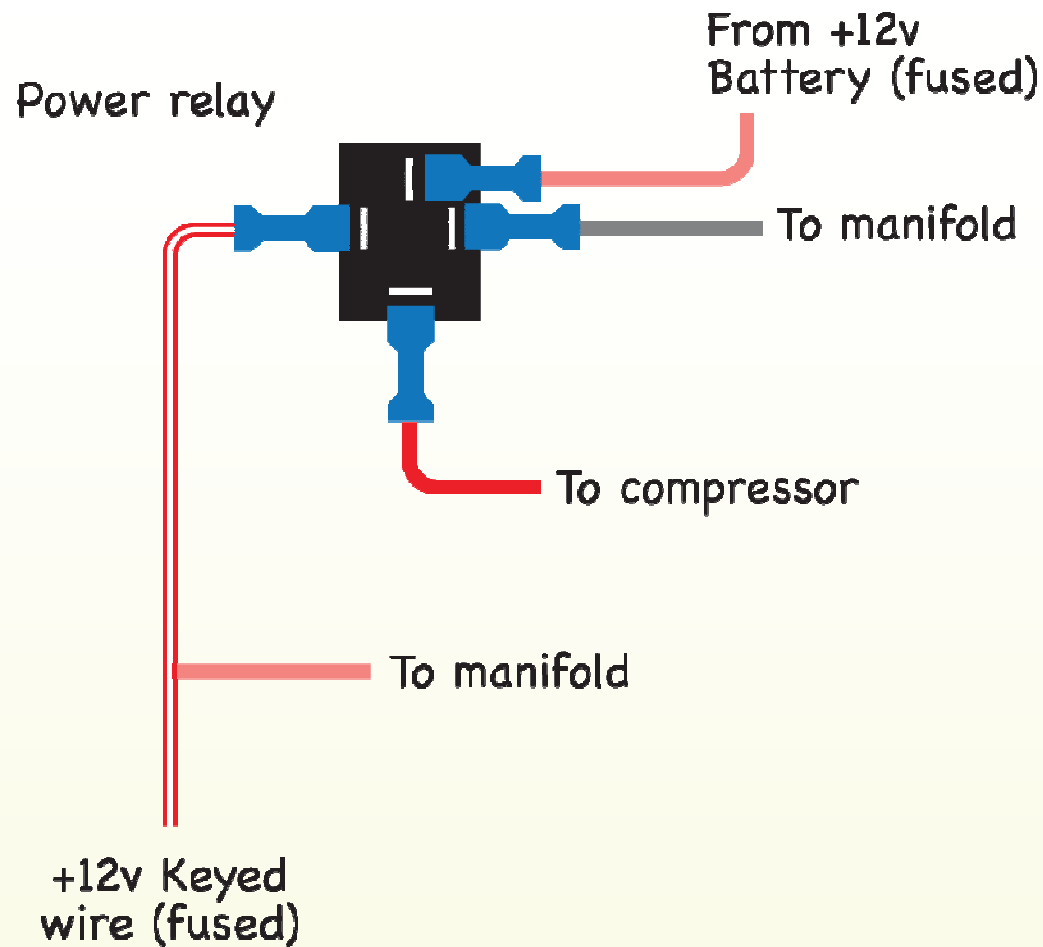
Installation

- ◆ Can be installed just about anywhere (12" W x 12 ¾" H x 6 ½" D)
- ◆ Best if installed in the rear of the coach
- ◆ Avoid high heat & water

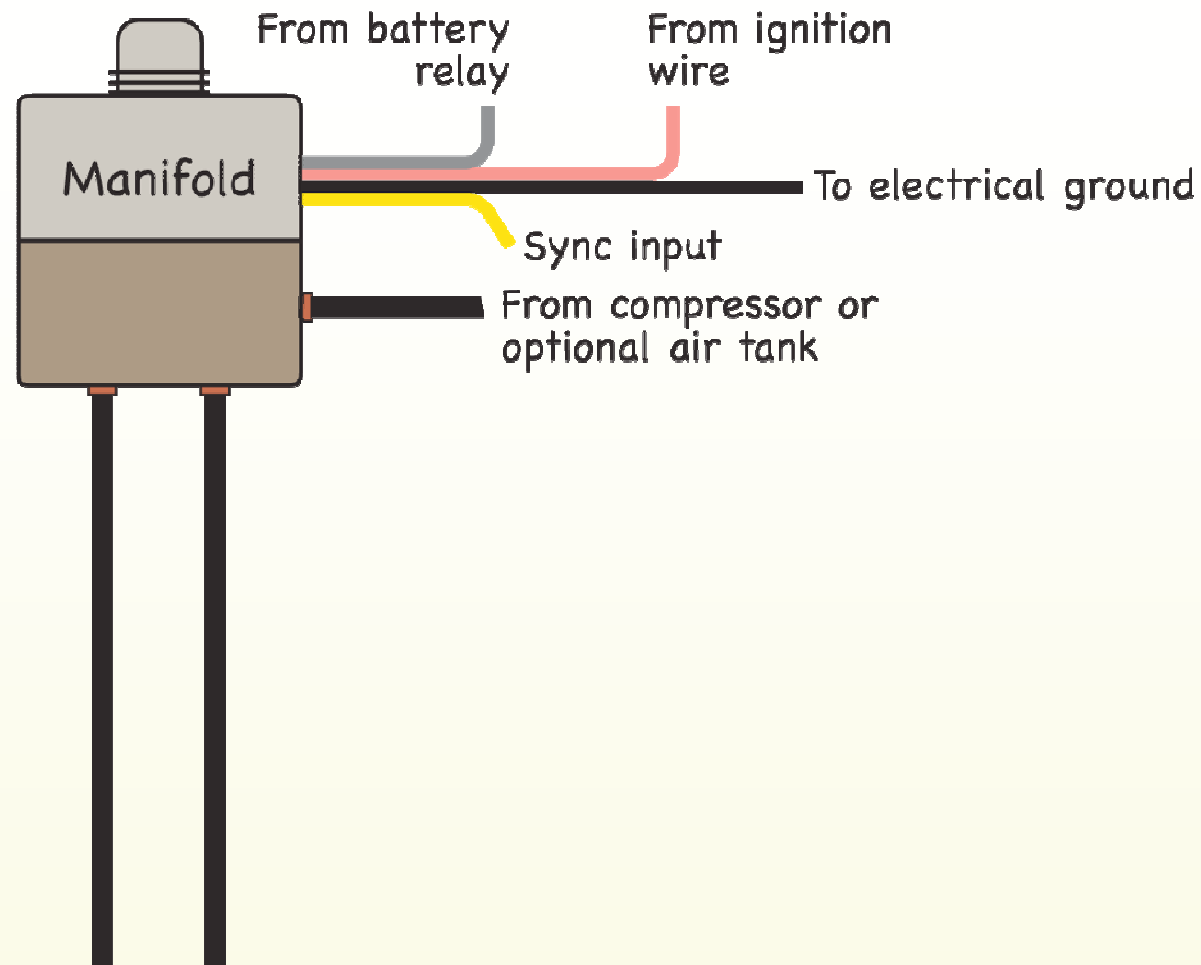




Manifold



Power Relay



Manifold

Top 10 reasons

1. Safety - You don't have to be close to the air bags to fill them. No possibility of injury from a bag explosion while adding air.

Top 10 reasons

2. Simplicity: System is very easy to install, 3 wires – battery, ground & ignition.
3. Fewer air & wiring connections to fail.

Top 10 reasons

4. Fewer parts to fail.
5. Much easier to troubleshoot.
6. Less expensive to repair.

Top 10 reasons

7. Wireless, hand-held unit for convenient operation, inside or out.
8. System has advanced diagnostics.

Top 10 reasons

9. Two memory buttons for frequently used settings
10. System independently controls each side's air bag(s) and automatically maintains set pressures within + or - 3 psi

Drawback

- ❖ System is limited to a maximum of 100 psi — Can be remedied in most cases with air bag extenders.



Air bag Extenders

Reduces air pressure in lines, raises coach level

Conclusion

- ◆ Most GMCers could DIY - three wires, two air lines
- ◆ Cost effective upgrade
- ◆ Easy to maintain
- ◆ Works with OEM and other bag systems



Bovee's ProductZE

*Wireless Air System 🚗 Belt Tensioners
Headlight & Turn Signal Reminder Alarms*

ES TODO

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Gary Bovee