

Bovee's Wireless Air System

1. How Did I Decide On It?

The original air system in our coach was not functional. The PO made numerous modifications and had cut off all the wires at the air system never finishing the project. I had no clue where to start. So I decided to start from scratch. I did my homework and found a GMCer (John Shotwell) from the Eastern States Club that had installed a wireless air system. I studied his setup and then made a couple tweaks of my own (added ss air pressure tank & water trap).

How does the System Work?

2. This is a pressure based system. It uses no leveling valves. If you are running only on Schrader valves, then it will be basically the same concept **EXCEPT**:

- a. No more having to go to the bags to fill or release air;
- b. No more having to drag out a compressor to air up your bags for travel.
- c. You program the remote digital controller for the proper ride height and it will automatically keep the bag's air pressure within plus or minus 3 pounds of the programmed setting for each bag.
- d. The nice thing is – when you park at an RV park or are dry camping you use the remote to level your coach.
- e. When you are ready to hit the road you just push the programmed button for road travel. It adds or releases air, whatever is needed for each bag and you are soon on your way. (This system has a maximum air pressure limit of 100 pound.)

3. Where is the system located?

The system in my Royale is located under the driver's side bed. You could locate it just about anywhere you want that has enough room for the system. The system only needs three wires to hook it up: One wire from the ignition switch, one hot wire and one ground wire. It could be used on any of the GMC models to replace the original air system.

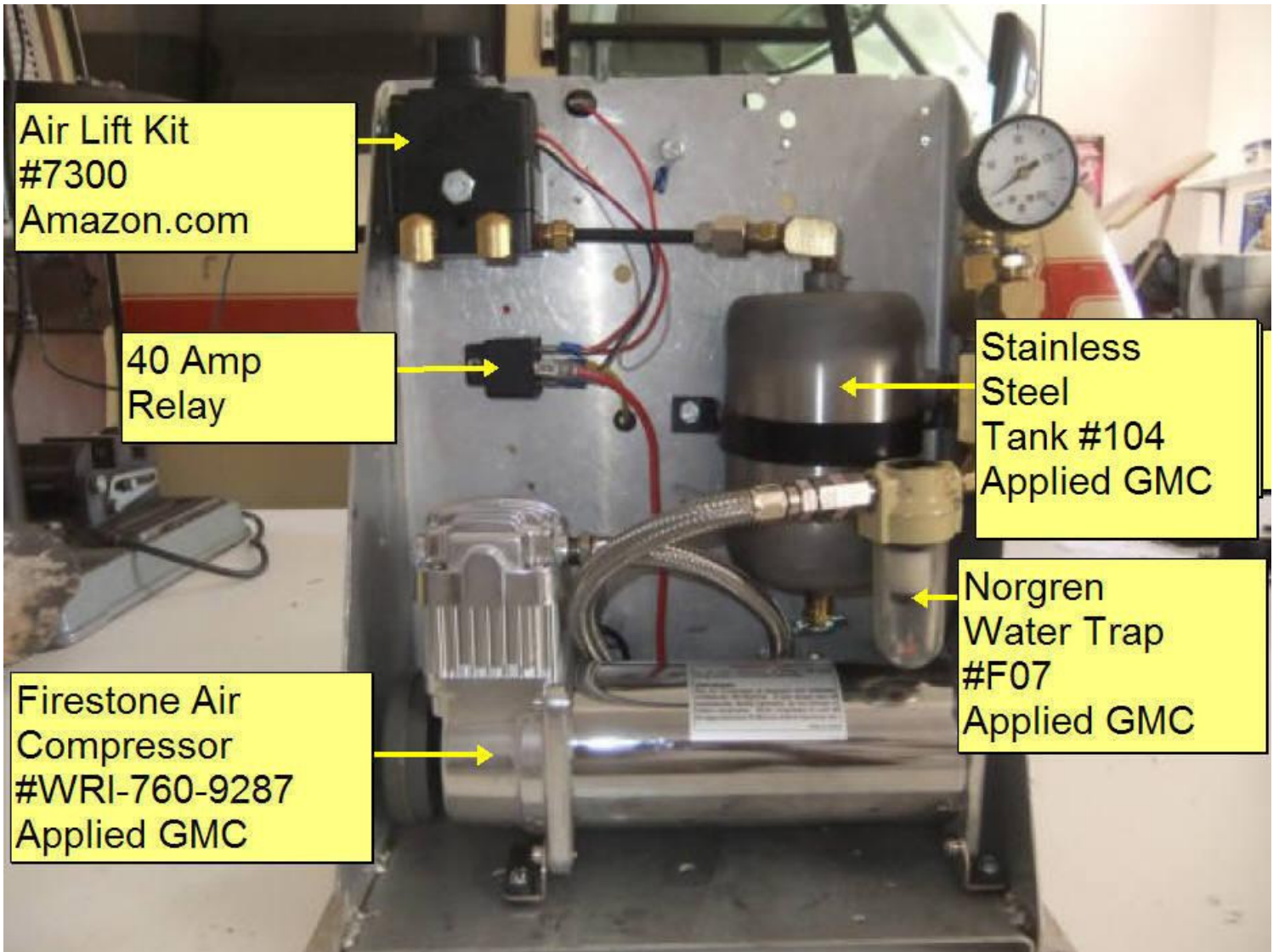
4. My Wireless Air System Components:

- a. Viair Compressor - # 450c Applied GMC
- b. Norgren - Water Trap - F07 Applied GMC
- c. Stainless Steel Pressure Tank - #104 Applied GMC
- d. 40 Amp Relay – Applied GMC
- e. Air Lift Kit - #72000 – Applied GMC

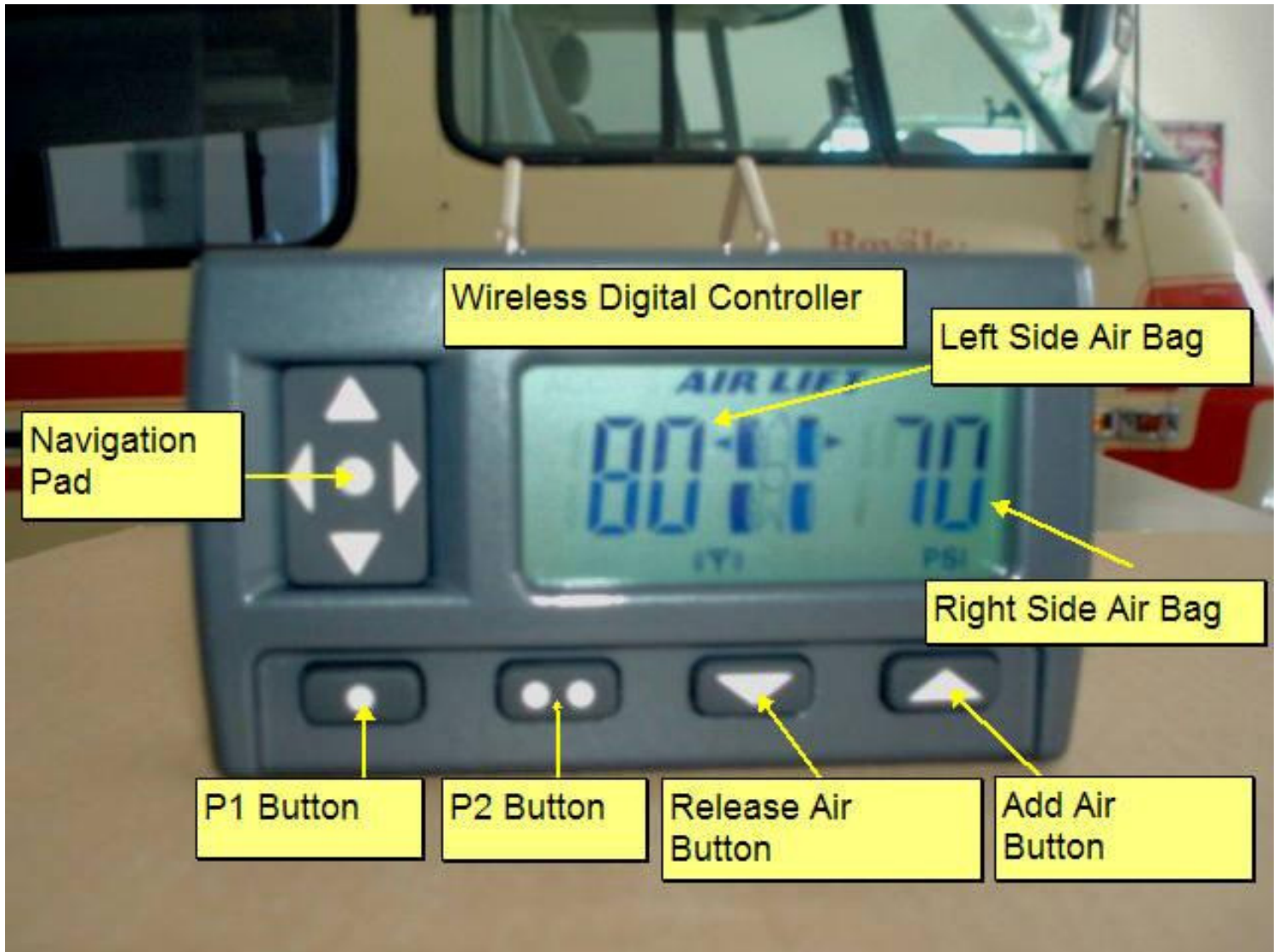
5. Costs:

- a. Viair Compressor - \$249.00.
- b. Water Trap - \$19.00. Technical support at Air Lift suggests that you should use a water trap with the air system being used in this manner.
- c. Stainless Steel Air Pressure Tank - \$89.95 - Technical support at Air Lift suggests that you should use an air tank with the air system being used in this manner.
- d. Relay – \$7.95 -
- e. Air Lift Kit - \$380.00

Wireless Air System.jpg (937x703x16M jpeg)



Wireless Controller.jpg (640x480x16M jpeg)



Wireless Digital Controller

Left Side Air Bag

Navigation Pad

Right Side Air Bag

P1 Button

P2 Button

Release Air Button

Add Air Button