

# VEVOR®

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## **AIR SHOCK CONTROLLER KIT**

**MODEL:D0836002**

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## AIR SHOCK CONTROLLER KIT

**MODEL:D0836002**



**NEED HELP? CONTACT US!**

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

## 1. Product description:

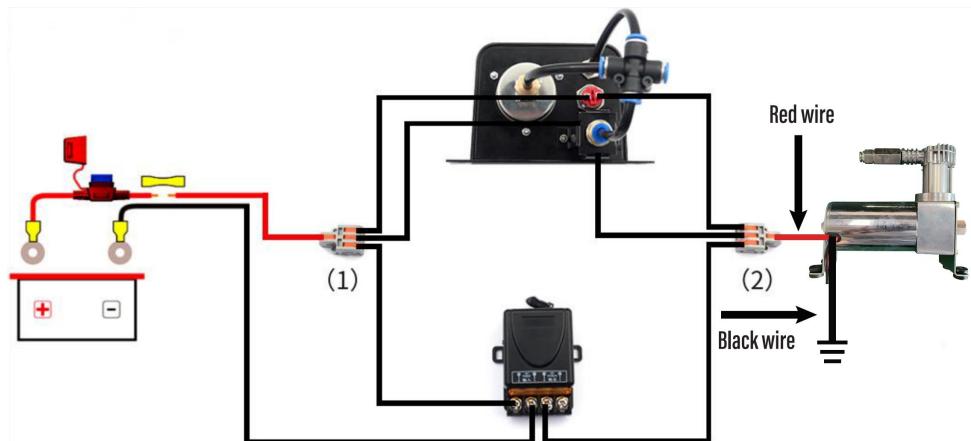
This product is a car air compressor system, it can be controlled by the button on the panel, but also can use the wireless remote control to control the air bag pressure, flexible operation, built-in pressure sensor switch can adjust the target pressure value, If it is below the target value, the pressure will be automatically replenished. in addition, it has the advantages of simple accessories and convenient installation. It takes only 1 hour to complete the system installation.

serial number	NAME	quantity
1	remote control relay	1pcs
2	electric wire*6m	1pcs
3	electric wire*3m	1pcs
4	PA tube*6m	1pcs
5	air pump	1pcs
6	Control panel assembly	1pcs
7	accessory kit(4 flat head self-tapping screws with washers M415, 1 20A fuse wire, 8 nylon cable ties, 4 HSC-3 yellow wire clamp caps, 2 yellow terminals with inner hole 10, 6 outer hexagon screws with washers M525, 2 6mm quick-connect three-way connectors, 1 M3 L-shaped hex key with handle length of 5-15cm, 2 1-to-3 terminal blocks.)	1package

## 2. Install required tools:

Electric hand drill, wire stripper, ratchet wrench and 8mm socket, Phillips screwdriver, utility knife

### 3. Installation procedure.



#### 1. Install the air pump:

Install the air intake filter and mount it to the frame with self-tapping screws.

(Note: The installation location of the air pump should be away from heat sources, kept dry and well-ventilated. It should be maintained at a certain height from the ground to prevent water from entering the vehicle when wading.)

#### 2. Connect the cable harness (as shown in the figure above):

Connect one end of the 15A fuse box to the common end of a pair of three-terminal (1) through the cable harness. Then, press the other end to the ring terminal and connect it to the positive terminal of the battery.

Connect the positive end of the air pump to the common end of a pair of three-terminal terminals (2) through the wire harness. Press the negative end to the ring terminal and connect it to a common ground on the frame. Thus, the connection of the air pump is completed.

Connect one end of the pressure sensor on the control panel to the branch end of a pair of triple terminals (1). The other end is connected to the branch end of a pair of triple terminals (2).

Connect one end of the gas-filled switch on the control panel to the branch end of a pair of triple terminals (1). The other end is connected to the branch end of a pair of triple terminals (2). (Note: The wiring harness should avoid sharp edges.

The exposed wiring harness connection end should be insulated and waterproofed and fixed with cable ties.)

### **3. Connect the pipe:**

Connect the control panel, air pump, and air bag to the same three-way valve through the PA pipe. (The length of the PA pipe should be cut according to installation requirements.)

(Note: The pipe should avoid bending and be fixed with cable ties.)

**4. Wireless remote control and receiving terminal installation:** Connect the N+ of the receiving module to the branch end of a pair of three-terminal (1). Connect the OUT+ of the receiving module to the branch end of a pair of three-terminal (2). And connect the IN- of the receiving module to the negative terminal of the battery.

### **4. Panel operation instruc-**



#### **1. Inflation:**

Press the inflation button on the panel. The air pump works and inflates the air bag.

#### **2. Deflate:**

Press the vent valve button on the panel to deflate the airbag.

#### **3. Automatic inflation:**

Use the Allen wrench to adjust the pressure sensor's automatic pumping threshold. When the air pressure drops below the threshold, the sensor automatically switches on. The air pump works and stops working after the air bag reaches the threshold.

## 5. Remote control instructions.



### 1. Click mode:

**Input:** The controller is powered on. Press the learning key on the side of the controller once consecutively. The indicator is in the learning state. Press any button of the remote control. The indicator flashes three times, indicating that the learning is complete.

**Use:** Press the corresponding button of the remote control, and the relay will open. Release the corresponding button of the remote control and the relay will turn off. If you keep pressing the corresponding button and do not let go, the relay remains on. When you release the remote control, the corresponding button is disconnected.

### 2. Self-locking mode:

**Input:** The controller is powered on. Press the learning key on the side of the controller twice consecutively. The indicator is in the learning state. Press any button of the remote control. The indicator flashes three times, indicating that the learning is complete.

**Use:** Press the same button of the remote control. Press it once, the relay opens. Press it again, the relay turns off.

### 3. Interlock mode:

**Input:** The controller is powered on. Press the learning key on the side of the controller three times consecutively. The indicator is in the learning state. Press the start button of the remote control. Wait for 3 seconds. Press the close button of the remote control. The indicator flashes three times, indicating that the learning is complete.

**Use:** Press the open button of the remote control to open the relay. Press the off button of the remote control and the relay will turn off

#### **4. Clear code:**

When the controller is powered on, press the learning key on the side of the controller eight consecutive times. The indicator blinks, indicating that the clearing is complete.

**Note:** The factory default binding is in interlock mode. Users can change it.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which

the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

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