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AIR SHOCK CONTROLLER KIT

MODEL:D0836001

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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.

High Manager is a smart vehicle air compressor system. It can control the pressure of air springs through a Bluetooth remote controller or an app. In addition, High Manager can serve as an air source for external applications. It also comes with a tire inflator kit, which enables users to easily inflate tires under the inflation mode of the app. Under the inflation mode, High Manager can serve as an air source for pneumatic tools.

High Manager is convenient to install and easy to use. It takes only one hour to complete the installation of the whole system.

TOOLS NEEDED FOR INSTALLATION

Handheld electric drill; drill bits (10mm, 11mm); wire stripper; ratchet wrench (with a 10mm socket); utility knife.

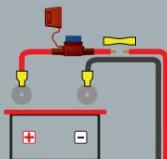
THIS PACKAGE INCLUDES

1. Compressor and its control module
2. Bluetooth remote controller
3. Connection harness
4. A tire inflator kit
5. Other installation parts

INSTALLATION

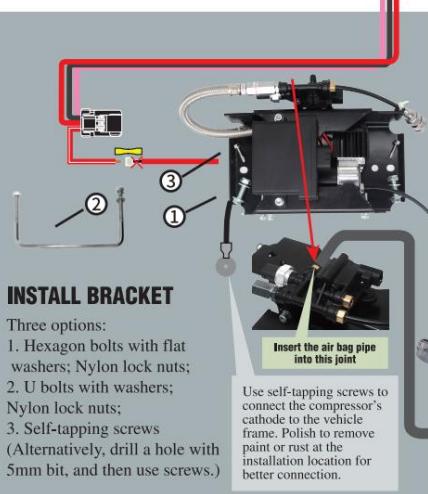
CONNECT HARNESS

Use wiring loom to connect one end of the 30A fuse box to the 12V+ harness. Connect the other end of the fuse box to a ring terminal, and then connect this ring terminal to the battery's anode pole. The module's anode connection has been completed.



Double fold the harness marked with GND (harness is thin and folded harness is connected more firmly), connect the folded harness to a ring terminal, and connect this ring terminal to the battery's cathode pole. The module's cathode connection has been completed.

Connect the harness marked with 12V-KEY to any wire which has electricity once sparked. Upon this step, the preparation of module's signal activation is completed. (It allows High Manager to realize adjustment once activated. Otherwise, it will only be activated through remote controller or App. This is a low current circuit. A fuse of 10 A or less should be used as protection.)



INSTALL BRACKET

Three options:

1. Hexagon bolts with flat washers; Nylon lock nuts;
2. U bolts with washers; Nylon lock nuts;
3. Self-tapping screws
(Alternatively, drill a hole with 5mm bit, and then use screws.)

Use self-tapping screws to connect the compressor's cathode to the vehicle frame. Polish to remove paint or rust at the installation location for better connection.



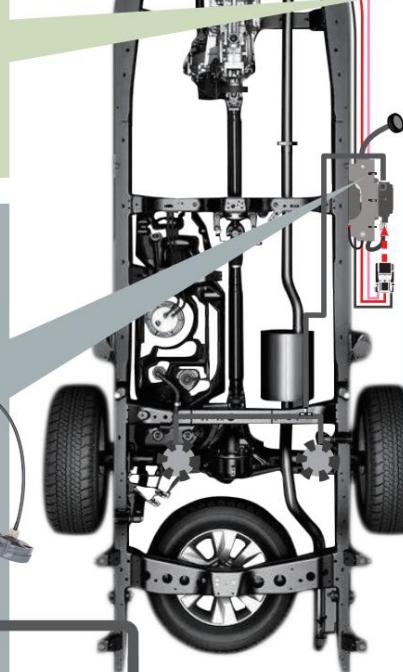
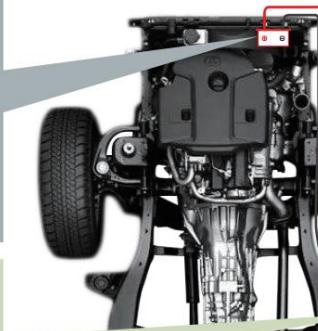
WRONG INSTALLATION MODE

Cautions

1. Ideally, High Manager is supposed to be installed in middle of the vehicle frame for best wireless connection performance.

2. Avoid deploy harness around sharp ends. If air hoses or wires pass through holes on the frame, use rubber washers to protect from abrasion. Use lashing bands or other methods to fix the hoses and wires every 8-12 inches (200-300mm).

The hoses and wires should be at least 6 inches away from any heat source like exhaust pipes.



Install inlet air filter

Location: Use a dry place which is away from heat source to install the inlet filter. Such place should be at least 1.4 meters away from the ground to avoid water during wading. It can be installed at a higher place by extending the hose.



Connect air hoses

Connect the air hoses of the airbag to the valve block, secure all the harness and air hoses with lashing bands and put the fuse into the fuse box. Caution: all harness and air hoses should be kept away from heat source!

1. INSTALL BRACKET

Three options:

Hexagon bolts with flat washers; Nylon lock nuts;2)U bolts with washers: Nylon lock nuts;3) Self-tapping screws (Alternatively, drill a hole with 5mm bit, and then use screws.)

2. CONNECT HARNESS

Use wiring loom to connect one end of the 30A fuse box to the 12V+ harness.

Connect the other end of the fuse box to a ring terminal, and then connect this ring terminal to the battery's anode pole. The module's anode connection has been completed.

Double fold the harness marked with GND (harness is thin and folded harness is connected more firmly), connect the folded harness to a ring terminal, and connect this ring terminal to the battery's cathode pole. The module's cathode connection has been completed.

Connect the harness marked with 12V-KEY to any wire that has electricity once sparked. At this step, the preparation for module's signal activation is completed. (It allows High Manager to realize adjustment once activated. Otherwise, it will only be activated through the remote controller or app. This is a low current circuit. A fuse of 10 A or less should be used for protection.)

Use self-tapping screws to connect the compressor's cathode to the vehicle frame. Polish the installation location to remove paint or rust for a better connection.

3. CONNECT AIR HOSES

Connect the air hoses of the airbag to the valve block. Secure all the harnesses and air hoses with lashing bands and put the fuse into the fuse box. Caution: All harnesses and air hoses should be kept away from heat sources!

4. INSTALL INLET AIR FILTER

Location: Select a dry place away from heat sources to install the inlet filter. Such a place should be at least 1.4 meters above the ground to avoid water during wading.

It can be installed at a higher location by extending the hose.

Installation method: Use lashing bands or the 10mm installation holes to keep the filter in place.

5. TIRE INFLATION

Connect the spiral air hose and inflator (refer to the picture below) to the built-in quick connector of High Manager, Open App and enter the tire inflation mode to inflate the tires



CAUTIONS:

1. Ideally, High Manager is supposed to be installed in the middle of the vehicle frame for the best wireless connection performance.
2. Avoid laying out harness around sharp ends. If air hoses or wires pass through holes in the frame, use rubber washers to protect them from abrasion. Use lashing bands or other methods to fix the hoses and wires every 8 - 12 inches (200 - 300mm).
3. The hoses and wires should be at least 6 inches away from any heat source like exhaust pipes.



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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.



SCAN THE QR CODE TO VIEW THE INSTALLATION VIDEO

Manufacturer: Shanghaimuxinmuyeyouxiangongsi

Address: Shuangchenglu 803nong11hao1602A-1609shi, baoshanqu, shanghai 200000 CN.

Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREET EASTWOOD NSW 2122 Australia

Imported to USA: Sanven Technology Ltd. Suite 250, 9166 Anaheim Place, Rancho Cucamonga, CA 91730

UK	REP	YH CONSULTING LIMITED. C/O YH Consulting Limited Office 147, Centurion House, London Road, Staines-upon-Thames, Surrey, TW18 4AX
EC	REP	E-CrossStu GmbH Mainzer Landstr.69, 60329 Frankfurt am Main.

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