



Magnet Air Controls w/ AMK Compressor Wiring Harness



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Introduction

- **Important**

It is important that the entire installation instructions be read thoroughly before proceeding with installation.
- **Product Installer Responsibilities**

Installer is responsible for installing this product in accordance with Kelderman Mfg. Inc. specifications and installation instructions.

Installer is responsible for providing proper installation of vehicle components and attachments as well as required or necessary clearance for suspension components, axles, wheels, tires, and all other vehicle components to ensure a safe and sound installation and operation of this product.
- **Product Owner Responsibilities**

Owner is solely responsible for pre-operation inspection, periodic inspections, maintenance, and use of the product as specified by Kelderman Mfg. Inc. Of particular importance is the re-torque of fasteners. This re-torque must be performed within 90 days or 1000 miles of this product being put into service.

- **Definition of Terms**

- **Warning:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- **Caution:** A potential hazardous situation may result in property damage.
- **Note:** Provide information or suggestions that help correctly perform a task.
- **Torque:** When italicized "*torque*" alerts the installer to tighten fasteners to a specified value.

Safety

- **Your Safety and the Safety of Others is Very Important.**

Read and understand all safety precautions and instructions before installing this product.

- **CAUTION: Trucks Equipped with Parking Sensors or Other Like Devices.**

Relocation of these devices will alter the field of view. It is the responsibility of the owner to understand how these changes affect the operation of these systems.

- **WARNING: Careless Installation Can Result in Serious Injury or Property Damage**

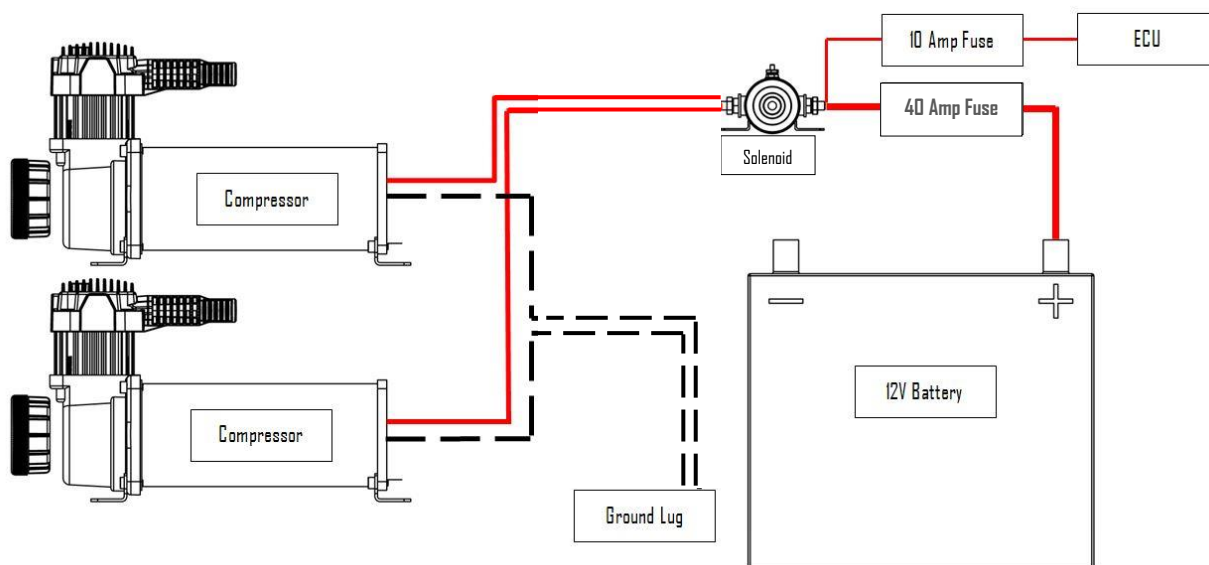
- Wear eye & ear protection.
- Disconnect the battery before doing any work on the vehicle.
- Work on flat level ground.
- Ensure truck is properly supported by jack stands. Never work under a vehicle supported only by hydraulic jacks.

- Never work directly under the product until it has been securely fastened to the vehicle.
- Avoid sharp, hot, and moving components when routing electrical cables and air lines.
- If drilling inspect both sides of the surface and remove/relocate any objects located in the way.
- Ensure all bolts are properly tightened before driving.

Installation

- 1:** Fasten the drop brackets (4) to the frame mounting brackets using the existing hardware.
- 2:** Fasten the piggy back compressor box (3) to the drop brackets (4) using 3/8" hardware (22, 23, & 24).
- 3:** Fasten the air dryer to the dryer relocation bracket (5) with the hardware removed in *step 8*.
- 4:** Use 3/8" hardware (22, 23, & 24) to attach the dryer relocation bracket (5) to the original compressor box.
- 5:** Use the supplied 1/4" air line (15) to re-connect the air dryer to the purge valve. This replaces the air line removed in *step 7*.
- 6:** Install the new 90° fitting (16) into the dryer. Thread Y-fitting (17) onto the new 90° fitting (16). Re-install the 90° fitting removed in *step 9* into the Y-fitting (17).
- 7:** Fasten four rubber isolators (2) to each VIAIR compressor (1) using the supplied 1/4" hardware (18, 19, & 20).

- 8:** Install one compressor (1) into each box. **NOTE:** Orient compressors so the steel braided lines point toward the dryer.
- 9:** Connect the steel braided lines to the dryer.
- 10:** Connect the red wire from each compressor to the solenoid. Connect the black wire from each compressor to the ground lug.



Notes

Contact Information

- Kelderman Manufacturing appreciates your business. We strive to meet the needs of our customers by providing the highest quality products. If you have any questions concerning our products please call or email us at the following:

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