



RV**AIR** COMPRESSOR

INSTRUCTION MANUAL

Kit Contents

1. 1 RVAIR™ Compressor
2. 1 High Precision Digital Inflator Gauge
3. 1 Compressor Air Filter
4. 1 Carrying Case
5. 1 Braided Steel Hose
6. 2 30FT Green Hoses (1 Standard – 1 Extension)
7. 1 Warranty Card
8. 1 Instruction Manual (This)



Thank you for purchasing the TireMinder RVAIR™ Compressor. If you have read any “User Comments” on various web sites, you will know that it’s not just the product that won us awards. Minder has outstanding customer service. Call or write. You’ll quickly become a believer. -*The Minder Team*

Minder Division of Valterra Products, LLC.

3000 SE Waaler Street

Stuart, FL 34997

+1 (772) 463-6522




Info@MinderResearch.com

www.MinderResearch.com

If you need help, we are available Monday to Friday, 9:00am to 5:00pm Eastern Time. We also have a new dedicated help center available which can be found at www.TireMinder.com/help.

IMPORTANT SAFETY INSTRUCTIONS

The following warnings and instructions should be referred to for all current and future usage of this compressor. Failure to follow these warnings and instructions can result in **death or serious injury**. We're not just blowing air – these precautions need to be taken seriously!

 DANGER – RISK OF EXPLOSION OR FIRE	Always operate this unit outside in a well-ventilated area free from any combustible or flammable materials. Operation must occur at least 24" away from any wall or obstruction that could restrict the flow of fresh air to the compressor. Never place an object against or on top of unit. Do not stand on compressor. Never leave the compressor unattended during use. After use, turn the compressor off, disconnect the 12V power, and release air from compressor.
 DANGER – RISK OF RUPTURE	Do not disassemble or make any unauthorized modifications to this compressor. Do not exceed the pressure rating of any tire or tool. This compressor is only designed to pump atmospheric air.
 DANGER – RISK OF ELECTROCUTION OR SHOCK	All unauthorized repairs can result in serious injury or death by electrocution. All repairs should be performed by certified personnel. Do



	not operate when it is raining or wet conditions. Do not operate near water or any other liquid.
 WARNING – RISK OF HOT SURFACES	Do not touch any metal part of the compressor while in use. While in use, the surface of this compressor can reach between 160° to 220°F (71° to 104°C). Touching the compressor while in use will result in a serious burn. Unit will remain hot for several minutes after use.
 WARNING – RISK OF UNSAFE OPERATION	Prior to first use, review and understand all warnings written in the IMPORTANT SAFETY INSTRUCTIONS section. Do not allow children to operate this compressor. While operating the compressor, make sure the area is free of any children, pets, or obstacles. Never operate the compressor while drowsy or under the influence of drugs and/or alcohol. Never point any nozzle or sprayer toward any part of the body, other people, or animals. Always wear safety equipment. Keep hair, clothing, protective gear, jewelry, and any other loose piece away from moving parts at all times. Do not operate the compressor if broken or is with missing and/or unauthorized parts

Table of Contents

IMPORTANT SAFETY INSTRUCTIONS	iv
Initial Setup.....	1
Step 1: Screw on Air Intake Filter	1
Step 2: Connect Air Hose to Compressor.....	2
Step 3: Connect Air Hose to Compressor.....	4
Step 4: Attach Alligator Clips to Your Vehicle's Battery – VEHICLE OFF & 12V ONLY	5
Step 5: Turn Your Vehicle On	6
Step 6: Turn Your Compressor On.....	7
Step 7: Screw Inflator Gauge onto the Valve Stem.....	8
Step 8: Start Inflating Your Tire.....	9
Series VS Parallel Battery Connections.....	10
Replace Air Filter.....	11
Step 1: Unscrew the air filter from the compressor.....	11
Step 2: Unscrew the base of the air filter from the top portion.....	11
Step 3: Remove the black air filter from its container and replace with new air filter.	11

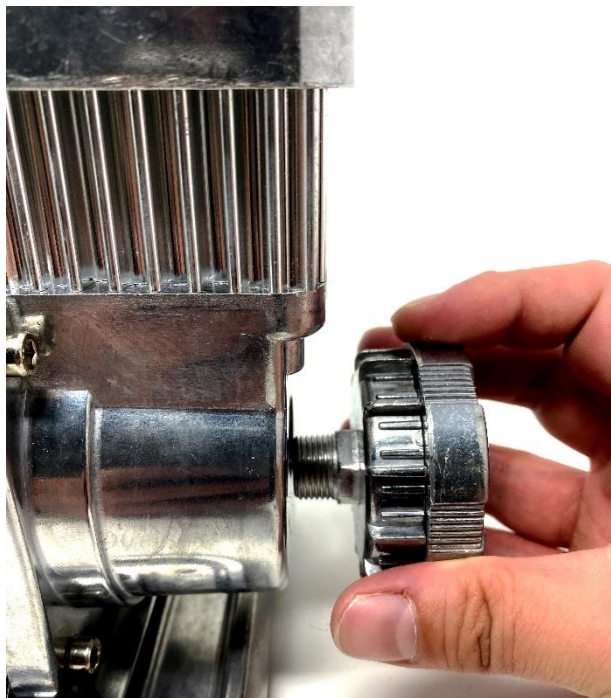
Step 4: Screw the air filter back together and screw it back onto the compressor.....	11
Technical Specifications	12
Digital Tire Inflator Gauge	12
Hose.....	13
Compressor.....	14
TireMinder Limited Warranty	15

Initial Setup

Use the following directions to setup your TireMinder RVAIR™ Compressor. If at any time you need assistance, please reach out to our award-winning support team at (772) 463-6522 or through www.tireminder.com.

Step 1: Screw on Air Intake Filter

Remove the included air filter and screw the air filter into the side of the compressor. The air filter should be hand tight only. Do not over tighten. Please note, you will need to replace the air filter every 9 to 14 months, depending on usage. For more information on how to replace this filter, please see page 11.



Screw On Air Intake Filter

Step 2: Connect Braided Steel Air Hose to Green Air Hose

Connect the braided steel hose to either the extender or the main hose using the spring-loaded connectors. If you are using the extension hose, you may connect the main hose and extension hose together at this time.

⚠ WARNING: The braided steel hose must be used in between the green hose(s) and the compressor. Failure to do so may cause the green hose(s) to warp and/or leak. Warping and/or leaking of green hose(s) are not a manufacturer's defect and will not be covered by the warranty.



**Connect Braided Steel Hose
to Green Hose**

Step 3: Connect Braided Steel Air Hose to Compressor

Connect the braided steel hose to the compressor using the spring-loaded connector.



**Connect Braided Steel Hose
to 1/4" NPT**

Step 4: Connect Air Hose to Inflator Gauge

Connect the main hose to the digital inflator gauge using the spring-loaded connectors. If you are using the extension hose, you may connect the main hose and extension hose together at this time.

You should also add the 2 included AAA batteries to the rear of the gauge at this time. If the batteries are not installed, the numbers will not update!



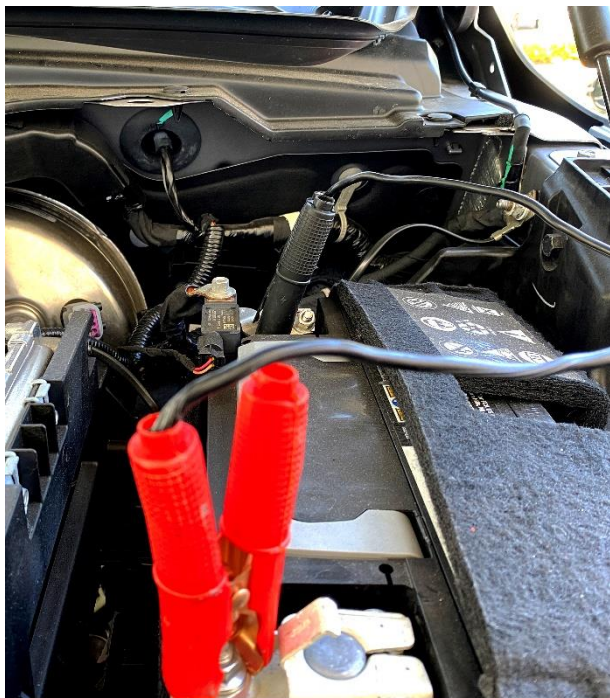
Connect Hose to Inflator Gauge

Step 5: Attach Alligator Clips to Your Vehicle's Battery – VEHICLE OFF & 12V ONLY

With your vehicle off, connect the compressor's alligator clips to your vehicle's corresponding battery terminals, **Red on Positive (+), Black on Negative (-)**.

To reduce the chance of electric shock, please turn off your vehicle and make sure the compressor is in the off position. Failure to do so may produce shocking results.

When connecting to a battery, this compressor must be connected to **only** a 12V power source. If using on a Motorhome, connect to your engine or chassis battery. Do not connect the compressor to a series of batteries. Connect to only 1 battery.

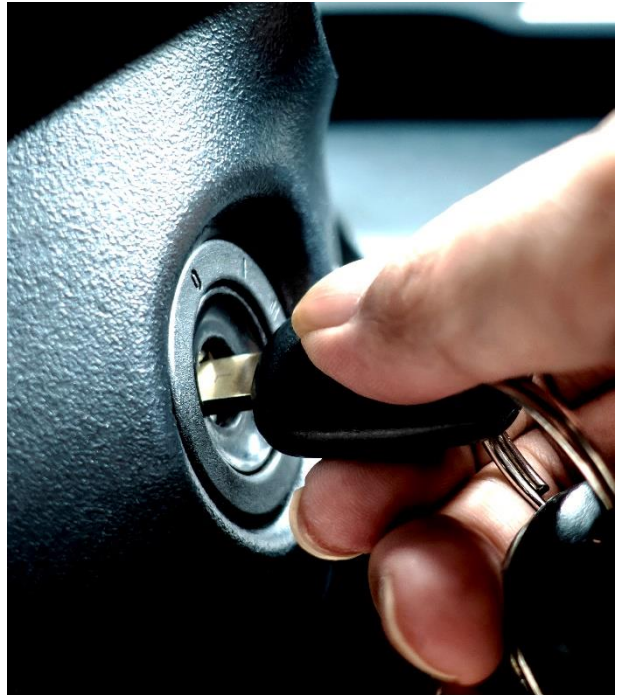


**Attach Alligator Clips to Battery
(VEHICLE OFF)**

Step 6: Turn Your Vehicle On

Due to the high amp draw of this compressor, your vehicle must be on while the compressor is running. Running this compressor while your battery is off will quickly drain and/or damage your battery.

Once your vehicle is on, you are ready to move onto the next step.



Turn Vehicle On

Step 7: Turn Your Compressor On

With your vehicle on, it is now time to turn on the compressor. Do so by using the red on and off switch on the side of the compressor. Once on, the compressor will run for a few seconds to pressurize.

Note: When you are done using the air compressor, turn the air compressor off and use the included air inflator gauge to remove the air from the compressor. This should take no more than 10 seconds and will greatly increase the life of your compressor.



Step 8: Screw Inflator Gauge onto the Valve Stem

Screw the inflator's gauge chuck onto the valve stem you wish to inflate. While screwing on the air chuck, you will hear a puff of air from your valve stem. This is normal as some air will pass out of the valve stem while attaching or removing the air chuck.

Note: When you are done using the air compressor, turn the air compressor off and use the included air inflator gauge to remove the air from the compressor. This should take no more than 10 seconds and will greatly increase the life of your compressor.



Screw Inflator onto Valve Stem

Step 9: Start Inflating Your Tire

With the inflator gauge securely hand-tightened to your valve stem, you may now use the trigger to add air to your tire. To view the current air pressure in your tire, release the trigger. The pressure shown is within ± 0.5 PSI of accuracy. Continue to add air to your tire until you have reached your desired pressure.

WARNING: Do not overinflate your tires. Overinflating your tires can cause serious injury or death.

REMINDER: When you are done using the air compressor, turn the air compressor off and use the included air inflator gauge to remove the air from the compressor. This should take no more than 10 seconds and will greatly increase the life of your compressor.

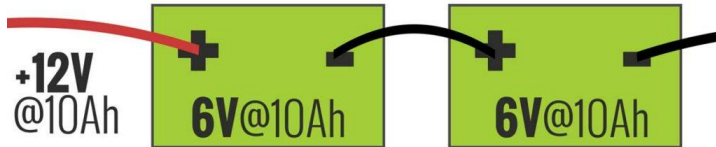


Inflate Your Tire

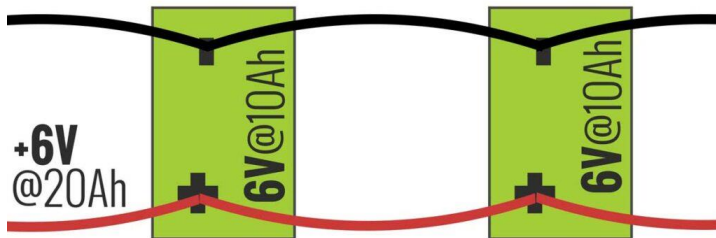
Series VS Parallel Battery Connections

We get this question a lot! What is the difference between connecting a battery in series versus connecting in parallel? The image below should help provide the solution:

SERIES: DOUBLE VOLTAGE & SAME AMERAGE



PARALLEL: SAME VOLTAGE & DOUBLE AMERAGE



Replace Air Filter

You should replace your air compressor's air filter every 2000 hours of use. To replace, please see the instructions below. To purchase a replacement air filter, please visit our website at www.MinderResearch.com.

Step 1: Unscrew the air filter from the compressor.

Step 2: Unscrew the base of the air filter from the top portion.

Step 3: Remove the black air filter from its container and replace with new air filter.

Step 4: Screw the air filter back together and screw it back onto the compressor.



Replace Air Filter

Technical Specifications

Digital Tire Inflator Gauge

Working Temperature	-4° - 122°F (-20° - 50°C)
Working Humidity	20% - 80% Relative Humidity (RH)
Weight	16oz (450g)
Battery Voltage	3V DC - 2 “AAA” Batteries
Battery Life	8000 Hours ~1 Year
Standby Current	<30uA
Working Current	3mA (Backlight Off) / 5mA (Backlight On)
Pressure Range	3-250PSI
Pressure Precision	±1PSI (3-100PSI) / ±2PSI (101-200PSI) / ±3PSI (201-250PSI)

Hose

Maximum Pressure	384PSI
Max Temperature	176°F (80°C)
Material	Polyurethane
Length	30FT (~9M)
Diameter	8mm
Weight	17.6oz (500g)
Connection	Fast Connect

Compressor

Working Temperature	-58° - 140°F (-50°C - 60°C)
Working Humidity	20% - 80%RH
Working Voltage	12-13.8V
Weight	15lbs (5.5kg)
Standby Current	10A
Working Current	23A
Pressure Range	ON:130PSI OFF:155PSI
Automatic Thermal Protection Temperature	221°F (105°C)
Maximum Duty Cycle	100%@100PSI
Maximum Pressure	150PSI

TireMinder Limited Warranty

In order for Minder to extend its award-winning customer service, it is extremely important that you register your TireMinder RVAIR™ using the registration page near the front of this manual.

This TireMinder RVAIR™ is guaranteed against manufacturing defects for a period of **three years** from date of purchase. Should the unit not function as designed, TireMinder will repair or replace the unit at no charge to the owner.

Excluded are products that have been damaged through commercial use, impact, water, fire, misuse, or unauthorized service.

This warranty is limited to the replacement of the product only and does not extend to any incremental cost incurred. In no case shall TireMinder's liability exceed the purchase price. This warranty gives you specific legal rights which may vary from state to state or province to province.

If you have a question or a problem, please contact TireMinder (772.463.6522) before returning the product. Many issues can be resolved over the phone.

If service is required return w/copy of bill of sale to:

TireMinder

3000 SE Waaler Street

Stuart, FL 34997

United States of America

(772) 463-6522

www.MinderResearch.com

info@MinderResearch.com

©COPYRIGHT – Valterra Products 2021-2022