Rough Country RS200A Installation Instructions

12V Air Compressor Kit: 150 PSI, 5.65 CFM

Part number: RS200A

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Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

12 Volt Heavy-Duty Air Inflator

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:.
Storage Bag x1
Compressor x1
Air Hose w/Pressure Gauge x1
Air Nozzle kit x1



Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

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12 Volt Heavy-Duty Air Inflator

Owner's Manual

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⚠WARNING: Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

SAVE THESE INSTRUCTIONS

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Intended Use

The 12 Volt Heavy-Duty Air Inflator is designed for everyday use — from inflating a soccer ball to filling a flat tire. It can be used for air mattresses, inner tubes, trucks, SUVs, RVs, and other full-size vehicles.

Technical Specifications

Property	Specification
Motor	12V
Maximum Power	45A
Maximum Working Pressure	150 PSI
Recommended on/off Cycle Time	20/30 min

Important Safety Information

⚠WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this tool. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. This product will be safer and do a better job at the capacity for which it was intended. DO NOT use this equipment for a purpose for which it was not intended.
- Industrial or commercial applications must follow OSHA requirements.

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⚠WARNING

- This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

⚠WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well lit. Cluttered, wet, or dark work areas can result in injury.
- Keep children and bystanders away from the work area while operating the tool. Do not allow children to handle the product.

⚠WARNING

PRESONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the tool may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times

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⚠CAUTION

PRODUCT USE AND CARE

- Do not force the product. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Do not use a product with a malfunctioning switch. Any power tool that cannot be controlled with the power switch is dangerous and must be repaired by an authorized service representative before using.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Do not leave the tool running unattended

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Specific Operation Warnings

⚠WARNING

- Read and understand owner's manual before use.
- Do not exceed the tire's rated pressure.
- Always wear gloves. Some exposed parts may become hot during use.
- Use extreme caution when connecting the unit to a power source, as batteries can vent explosive gasses.
- Do not use the unit for pumping, compressing, or transferring any gas or liquid other than air. The unit is not designed for the sourcing of breathable air.
- Compressed air and particulate matter can cause eye and soft tissue damage. Keep air stream away from skin and eyes.
- Clean with a damp cloth only. Do not use chemicals or soap.
- Do not modify or attempt to repair the product. There are no serviceable parts inside the unit; do not disassemble.
- The compressor was permanently lubricated during assembly. Do not add oil or any other lubricant.
- Burn hazard. The unit will become hot during use. Use caution when touching the unit.
- Do not operate continuously for more than 10 minutes. If the unit gets hot, switch it off and allow it to cool before continuing operation.
- Use a second tire pressure gauge to verify the tires are inflated to the proper pressure.

Before Each Use

⚠WARNING

- If using your car battery to power the unit, Start and run engine in a well-ventilated area.

Operating Instructions

⚠WARNING

WORK AREA SAFETY

- Place the product on a dry, level surface.
- It will become hot during operation. Be careful when removing the metal quick connect host fitting.
- After 20 minutes of continuous operation, allow the unit to cool before restarting. Damage can occur from continued over-use.
- Pay close attention to the pressure gauge. Be prepared to stop the inflator quickly when

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Connection

Use the quick connect fittings to connect the air supply hose to the product.

1. Slide the retaining snap ring back.
2. Slide the fittings together firmly.
3. While holding fittings together firmly, slide the outer ring forward to lock.
4. Connect the RED power clip to a POSITIVE 12 volt source and the BLACK power clip to a NEGATIVE ground point.
5. Test the connections by switching the inflator to “on”. Air will begin to flow.
6. Connect the air hose by screwing the brass inflator onto the tire valve stem. Only finger tighten the inflator. Do not use any tools as you may damage the inflator or the valve stem.
7. Watch the gauge closely and switch the product off or remove the inflator from the tire when the manufacturer’s recommended pressure has been reached.

Stopping and restarting

Too high of a pressure level can overload and blow the in-line fuse. At higher pressure levels, start the product and then attach it to the filler from the tire valve stem. If you stop the unit and need to resume inflating, remove the inflator tip from the tire valve and start the unit. Reattach with the unit running.

Overheating Protection Circuit

The product is equipped with an automatic protection device. In the event the product reaches an unsafe operating temperature, a protection circuit will cut the power to prevent damage to the unit. If the protection circuit activates, immediately disconnect the unit from the power source and allow it to cool down.

The unit will cool in approximately 15 minutes, depending on the environmental conditions. The protection circuit will automatically reset when the temperature returns to a safe operating level.

High altitudes and certain air temperatures can negatively affect the unit’s performance.

After Each Use

⚠WARNING

- Only hold the unit by the carry handle and allow the unit to cool before storing.
- Store the product in a dry location.
- Replace the valve cover on the stem.

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Troubleshooting

Use the table below to troubleshoot problems before contacting service personnel or your local dealer. If the problem continues after troubleshooting, call your local dealer for assistance.

Failure	Possible Couse	Corrective Action
Product stops during operation.	Low voltage.	Check the battery condition.
	Protective circuit is activated.	Disconnect the power and wait for the product to cool down.
Air is leaking.	Brass inflator is not fully extended.	Fully extend the brass inflator.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.

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