Rough Country RS208A Installation Instructions

Portable Twin Motor Air Compressor: 150 PSI, 6.16 CFM

Part number: RS208A

trailfortress.com/portable-twin-motor-air-compressor-150-psi-6-16-cfm-rough-country-rs208a

Scan for fitment, price and install help

RS208A

PORTABLE AIR COMPRESSOR

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:
Air compressor and tank mounted to a waterproof carry case
Nylon storage compartment
20' air hose with male to female fittings (M Style Fitting)
Tire inflator with pressure gauge



SPECIFICATIONS

GENERAL SPECS	IMPERIAL	METRIC
SUPPLY VOLTAGE	12V DC	12V DC
MAX CURRENT DRAW (each motor)	34.3A @ 150 PSI	34.3A @ 1030 kPa
MAX CURRENT DRAW (total)	68.6A @ 150 PSI	68.6A @ 1030 kPa
FUSE RATING (each motor)	40A	40A
RELAY RATING (each motor)	40A	40A
WEIGHT	33 lbs	15 kg
DIMENSIONS: -LENGTH	18.8 in	478 mm
-WIDTH	14 in	355 mm
-HEIGHT	7.3 in	186 mm
PRESSURE SWITCH CLOSED	< 135 PSI	< 930 kPa
PRESSURE SWITCH OPEN	> 150 PSI	> 1030 kPa
SAFETY VALVE PRESSURE	> 180 PSI	> 1240 kPa
MOTOR THERMAL CUT-OUT	239°F	115°C
MAX AMBIENT TEMPERATURE	212°F	100°C

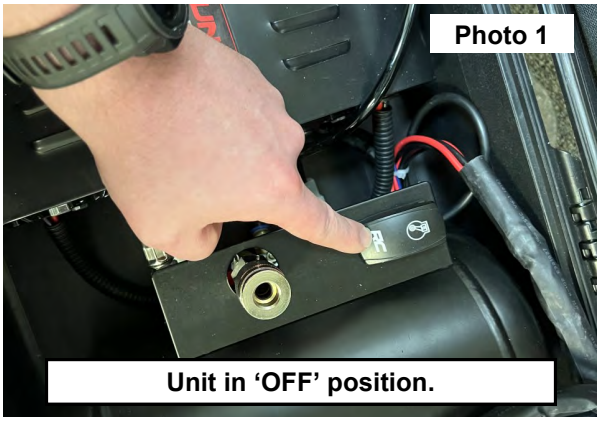
SPECS @ NO LOAD	IMPREIAL @ 0 PSI	METRIC @ 0 kPa
CURRENT DRAW	28.4A	28.4A
AIR FLOW RATE	6.16 CFM	174.4 LPM

SPECS @ TIRE PRESSURE	IMPREIAL @ 29 PSI	METRIC @ 200 kPa
CURRENT DRAW	50.4A	50.4A
AIR FLOW RATE	4.68 CFM	131.8 LPM

EXTERNAL CONNECTION SPECS	
AIR INTAKE THREAD	1/4 - 18 NPSC
AIR FILTER THREAD	1/4 - 18 NPT
PRESSURE SWITCH THREAD	1/4 - 18 NPT
SAFETY VALVE PORT THREAD	1/8 BSPP
MANIFOLD OUTLET THREAD	1/4 - 18 NPT
STAINLESS BRAIDED HOSES	JIC-4 [AN-4]
AIR COUPLING FITTING TYPE	US INDUSTRIAL STANDARD
(INTERNATIONAL EQUIVALENT STANDARDS)	ISO 6150 B
	RECTUS 23/24/1400
	TEGMA 1400
	LEGRIS 23
	DYNAQUIP D3
	CEJN 310
	US.MIL.C 4109
	NORMA / AFNOR: NF.E49.053
	AIGNEP 220
	HANSEN 3000
	NORGREN 237
	GROMELLE 600

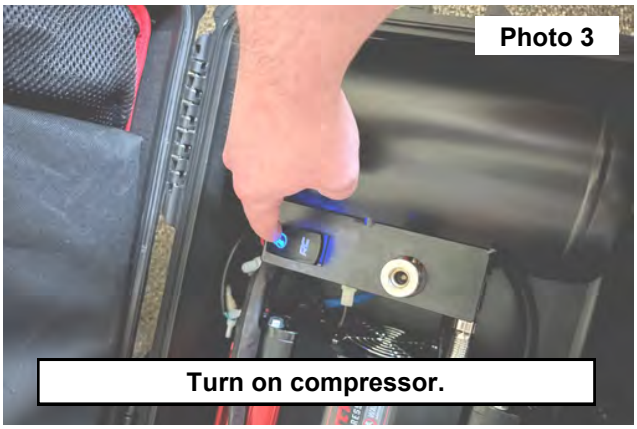
INSTALLATION INSTRUCTONS

1. Position the waterproof carry box on a flat surface before opening.
2. Open the box by undoing the four latches surrounding the box.
3. Make sure the switch is in the 'OFF' position by pressing down on the bottom of the rocker switch. **See Photo 1.**
4. Unwind the power cable and connect the red alligator clamp (+) directly to the positive (+) terminal of the vehicle battery.
5. Connect the black alligator clamp (-) directly to the negative (-) battery terminal on the vehicle. **NOTE:** When the unit is powered, the rocker switch will be illuminated.
6. Connect the supplied air hose to the compressor by inserting the hose male air fitting into the compressor female air fitting. **See Photo 2.**





7. Attach desired air accessory to the opposite end of the hose.
8. Press the top of the rocker switch down to turn on the compressor and pressurize the tank. **See Photo 3. NOTE:** The compressor will automatically stop when the pressure in the system reaches 1501 PSI [1030 kPa].
9. Unit comes with an air tool to check tire pressure and add air to the tires as needed. Connect the tool to the female end of the air hose. Attach brass end of tool to the tire valve. Squeeze paddle on tool to inflate tire. **See Photo 4.**





10. Moisture can accumulate in the air tank. It is recommended to drain the tank after 10-20 hours of run time. Connect the unit to power following **Steps 5 and 6.** Tilt the carry case so the rubber hose is pointed down to the ground. Turn the red lever to release the air and moisture trapped in the tank. **See Photo 5.**



SAFETY

- Never connect the compressor to the battery with the switch in the ‘ON’ position as the resulting sparking near the battery terminal can lead to a fire hazard
- Wear suitable protective equipment to reduce the risk of injury due to projectile particles.
- Never point the hose at anyone and make sure bystanders are out of the line of air flow.
- Never stop or slow the flow of compressed air using direct exposure to skin.
- Never use compressed air to clean clothing, body, or hair.
- Disconnecting hoses or other accessories from the system can result in projectiles.
- Use products and hose fittings that conform to safety standards.
- Use air hoses that have a high temperature rating and pressure rating over 200 PSI [1380 kPa]
- Secure air hose to prevent whipping
- Do not use the compressed air for respiratory protective devices
- System contains two pressure relief valves that will bleed off pressure when the system is above 160 PSI [1100 kPa]
- Avoid impacts with the air tank.
- If the air tank suffers any damage, replace immediately.
- Product may become hot after extended use.



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