



Installation Manual

AIR-ZENITH OB2 200PSI 12-Volt Air Compressor

Congratulations! Thank you for purchasing the world's fastest 12volt air compressor by AIR-ZENITH. Air-Zenith quality products is manufacturing by the people who knows your pneumatic air suspension systems. Our R&D people who care and take pride in doing it right the first time, every time.

PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING THIS PRODUCT.

MODELS

- AZOB2K

PRODUCT SPECIFICATIONS

- Motor Voltage: DC 12-Volt
- Max. Amp Draw: 35A
- Max. Working Pressure: 200 PSI
- Duty Cycle (at 72°F/200PSI): 100%
- Max. Ambient Air Temp.: 158°F
- Min. Ambient Start Temp: 40°F
- Motor Type: Permanent Magnet
- Thermal Protector: Yes



STANDARD FEATURES

- Oil-free design, non-lube piston & cylinder
- Patented interchangeable piston assembly
- Long-life, PTFE compound piston ring
- Balanced connecting rod, low vibration, low sound levels
- Direct driven motor with automatic reset thermal overload protector
- Waterproof cooling fan
- Heavy duty check valve pre-installed on cylinder head
- Stainless steel braided air hose with ½" NTP air tank fitting
- Remote mountable high performance air filter
- 80A relay with pre-wired relay socket
- Integrated 3-position mounting brackets with NYLOCK self-locking mounting hardware

Image shown above is side mounted Air-Zenith OB2 BLACK (P/N: AZOB2K).

WWW.AIR-ZENITH.COM

1. PRE-INSTALLATION NOTES

- Air-Zenith products must be installed by a qualified professional installation facility or certified mechanic.
- Product operation and installation is at the customer's responsibilities. Air-Zenith accepts no liability for damage of property or persons caused by operation and installation of this product.
- Air-Zenith accepts no responsibility for products or components provided by other manufacturers for use with or around the Air-Zenith products.
- Disconnect your vehicles battery before installation. Be sure to wear proper eye and hand protection during installation.
- Do not attempt to disassemble, modifications or any alternations of this product.
- Make sure that your compressor setup is properly fused. Install a 70A fuse as close to the battery positive post as possible. Note: Air-Zenith do not recommends circuit breaker, a quality 70Amp ANL fuse and fuse holder is highly recommended.
- Choose mounting location that is as cool as possible and away from heat source. The cooler the ambient temperature the less chance the compressor will overheat.

2. INSTALLATION GUIDELINES

- To maximize air compressor performance, locate compressor as close to the battery as possible so that length of positive power wire is at minimum distance.
- This compressor is moisture & splash resistant, but not waterproof. Do not mount compressor in locations where the unit is likely to come in contact with water.
- Mount this compressor with the four sets of NYLOCK self-locking nuts and bolts provided. Use of thread sealant is recommended.
- This compressor comes with pre-wired 80A relay with relay socket. Connect your battery positive power wire to the Red wire on the relay socket. (Run minimum 6AWG wire for wire length runs more than 10 feet, and 8AWG wire for length shorter than 10 feet). Mount this relay socket to upright position.
- Install a 200 PSI (or under) pressure switch on the air tank. (Maximum 5 gallon air tank for one compressor). Connect one of your pressure switch wires to Key Ignition positive power wire. Connect the other pressure switch wire to the Yellow wire on the relay socket. (See Fig. 1 for standard wiring diagram).
- This compressor has a pre-installed check valve located at cylinder head. Do not remove that check valve; connect supplied air hose to the check valve, and then connect air hose to the air tank with supplied ½" fitting.
- Find a suitable location to ground your compressor. You will want a place clear of paint and debris. (You can lightly sand away body paint if needed) Drill a mounting hole for your fastener. (Caution: Check below where you will be drilling for any obstacles, wires, or fuel lines). Now attach your compressor ground wire and apply a light coat of grease or paint to keep the connection clean. Note: If possible, route compressor ground wire to your battery negative post for maximum performance.

4. TWO YEARS LIMITED WARRANTY

Air-Zenith warrants this product to be free from defects in material or workmanship under normal use and service; and limits the remedies to repair or replacement. This warranty shall extend for a period of two years from the original date of purchase, and is valid only within the continental limits of the United States and Canada.

Air-Zenith reserves the right to examine any warranty claim to determine the cause of failure. Air-Zenith obligation under this warranty shall be limited to repairing, replacing, or crediting at its option any part proven defective. No labor, lift, service or storage charges will be reimbursed for any reason. Damages to Air-Zenith compressors resulting from misuse or abuse shall void this limited warranty. Any return freight charges must be prepaid by the customer. Air-Zenith shall not be liable for any damage or injury to persons or property resulting from improper installation or misuse of this product. If it is due to improper installation or misuse, a repair charge will be assessed and the customer will be contacted before work is performed or replacement parts are shipped.

5. MERCHANDISE RETURN

A Return Goods Authorization Number (RGA) and Proof of Purchase (dated purchase receipt) are required for all warranty returns. Call Air-Zenith for RGA number:

Air-Zenith
3010 West Post Road, Las Vegas, NV 89118, USA
Tel: (702) 270-7988
Fax: (702) 270-7966
Web Site: www.air-zenith.com

