

# Air Compressor

## Operating Instructions and Parts Manual



Model W-1804



*This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or property damage*

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## ⚠ WARNING

- Study, understand and follow all instructions before operating this device.
- When using this air compressor, basic safety precautions should always be followed to reduce risk of fire or electrical shock.
- Do not exceed rated pressure of the item being inflated.
- Do not leave device operating and unattended.
- If DC plug fuse is blown, only replace with fuse of identical rating.
- This device contains a DC motor and components which may arc during normal operation. This arcing may ignite flammable gases. Do not operate in a flammable environment.
- Keep out of reach of children.
- The power cord on this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling (California law requires this warning to be given to customers in the State of California).
- Do not alter this product.
- Failure to heed these markings may result in personal injury and/or property damage.

### SAFETY AND GENERAL INFORMATION

Save these instructions for future use. Study, understand and follow all instructions before operating this device. The owner and operator of this device shall have an understanding of the product and safe operating procedures before attempting to use. If any doubt exists as to the safe and proper use of this product, remove from service immediately. Instructions and safety materials shall be conveyed in the operator's native language before use of this product is authorized.

Inspect before each use. Do not use if bent, broken, melted, burned or otherwise damaged components are noted. A compressor that is damaged in any way or operates abnormally shall be removed from service immediately. This unit is designed for intermittent use only. Operation beyond its designed duty cycle may result in compressor and/or vehicle damage. NEVER exceed rated pressure of the item being inflated. If rated pressure is exceeded, the item being inflated may burst.

### PRODUCT DESCRIPTION

The Pro-Lift Air Compressor is designed to inflate automotive and light truck tires to manufacturer's recommended pressure. It can also be used to inflate inflatables such as rafts, cushions and sports balls. It has a built-in LED work light and flashing red LED warning light. Refer to the vehicle's owners manual or inflatable product owner's manual before using the compressor.

### OPERATION



Figures 1 & 2 - W-1804 Nomenclature



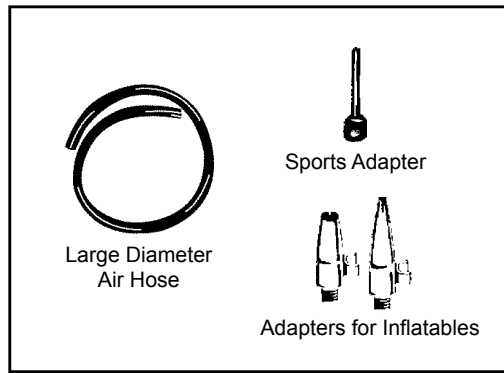


Figure 3

### A. High Pressure Inflatables (Tires)

1. Remove air hose and screw inflator nozzle onto tire stem.
2. Remove Power Cord from storage compartment and insert into a suitable outlet or 12V DC source. Toggle compress ON/OFF switch to ON position. Unit will begin inflating.
3. Inflate until object reaches its original shape, use pressure gauge as a reference for desired pressure (determined from vehicle or tire manufacturer's specification).
4. When near correct operating pressure, toggle compressor ON/OFF switch to OFF and unplug the inflator power cord.
5. Use a tire gauge to check inflation and adjust to desired pressure as recommended by the vehicle and/or tire manufacturer.

**NOTICE:** Always double check air pressure using a reliable pressure gauge.

### B. Low Pressure Inflatables

1. To inflate air mattresses, beach balls, life jackets, etc., select the suitable adapter (Fig. 3), then insert and secure into the end of the air hose (Fig. 2).
2. Insert the connector adapter into the appropriate receiver on the inflatable.
3. Plug the inflator into a DC 12V outlet. Toggle compressor ON/OFF switch to ON position. Unit should commence inflation.
4. Inflate to a pressure or level of firmness recommended by the manufacturer. Toggle compressor ON/OFF switch to OFF then unplug the power cord from the DC 12V outlet.

### C. Operating the Work Light

1. Plug the Compressor into a suitable 12V DC power source.
2. Toggle Light switch to II position for steady, high-intensity, work light. Toggle switch to I position for emergency red flashing light. Centered switch position extinguishes light.

### E. REPLACING THE FUSE

(15A 6mm dia. x 30mm glass tube current fuse)

1. Unscrew the plastic 12V DC plug cap.
2. Gently remove 15A fuse and replace with fuse of same rating and size.
3. Place fuse properly in position to allow installation of plastic cap.
4. Reinstall plastic 12V DC plug cap.



### TIPS FOR OPERATION

1. Ensure vehicle battery is sufficiently charged to operate compressor.
2. If Compressor does not operate when plugged into a DC 12V outlet, check connections at back of DC 12V plug as well the fuse receptacle. Replace as needed with a fuse of identical rating. Never replace with fuse of higher rating. No user replaceable parts exist for this item, refer any repairs to qualified personnel only.
3. Do not overheat the Compressor, monitor cycle times (Compressor on and off periods). Never exceed 15 minutes continuous running. Let unit cool for 15 minutes, then reattempt use.
4. Operate and store in a clean, dry environment. Do not obstruct the unit's cooling vents.

**Performance Tip:** Keep your tires inflated per the vehicle's owner's manual. This will increase gas mileage and reduce tire wear.

### SPECIFICATIONS

Model:	W-1804
Power Requirement:	12V DC
Maximum PSI:	80 psi
Duty Cycle:	15 min. on/15 min. off
Power:	120W @ 12V DC
Fuse:	15A (6mm x 30mm)
Maximum Air Flow:	1.05 CFM (high pressure)
Air Hose Length:	23"
Power Cord Length:	10 ft.

## 90 DAYS LIMITED WARRANTY

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