



# 5 in 1 Air Compressor

## Operating Instructions and Parts Manual



Model W-1706



*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.

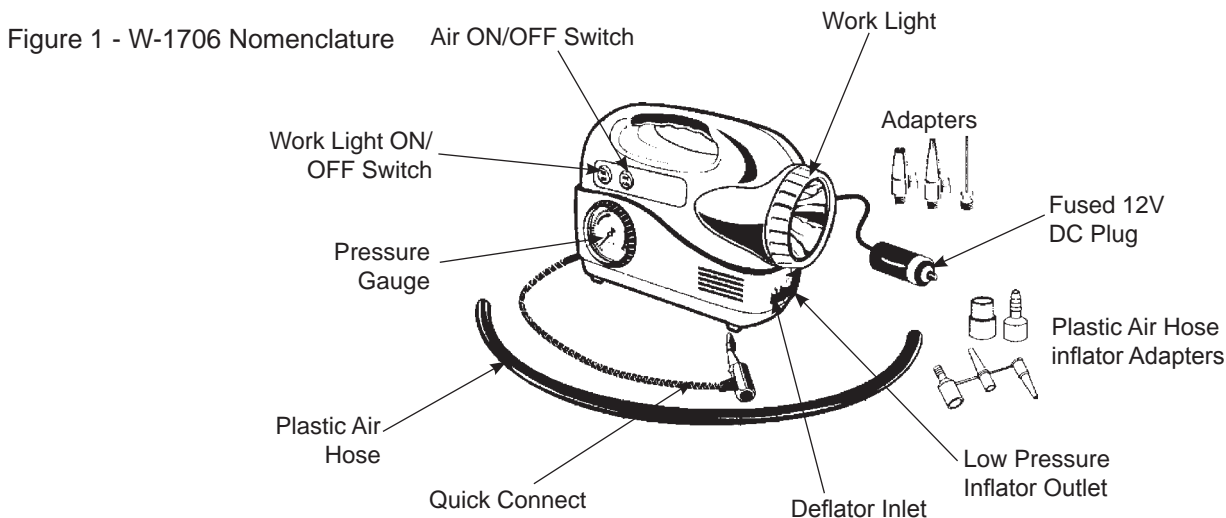
### PRODUCT DESCRIPTION

The Pro-Lift 5 in 1 Air Compressor is designed and engineered to inflate automotive and light truck tires to manufacturer's recommended pressure. It can also be used to inflate low pressure inflatables such as rafts, cushions and sports balls. It has a built-in light and a mechanical pressure gauge with auto shut-off function. Refer to the vehicle's owners manual or inflatable product owner's manual before using the compressor.

### HOW TO USE

#### A. For use with high pressure inflatable items

1. With thumb latch Quick Connector open, place securely onto tire valve stem (Fig. 2).
2. Use thumb to close Quick Connector, ensuring that the thumb latch is as far down as possible (Fig. 3).
3. Set the Pressure Gauge on the compressor to the desired psi by rotating the dial until the needle aligns with the appropriate pressure.



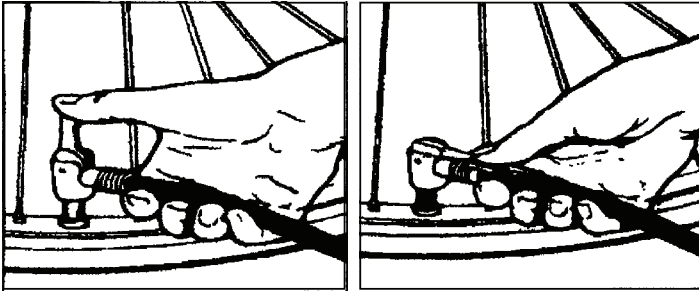


Figure 2

Figure 3

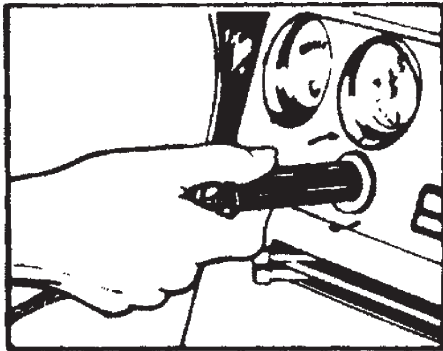


Figure 4

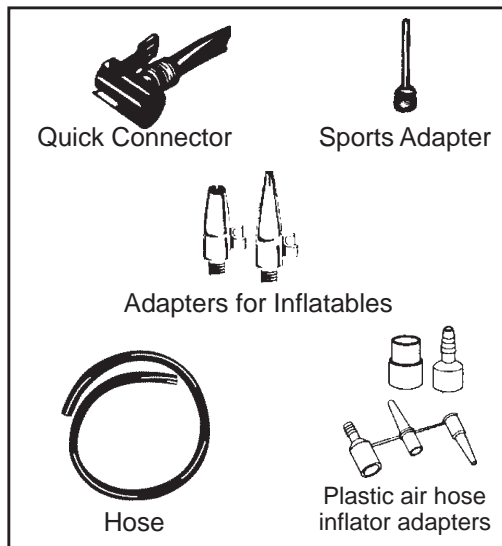


Figure 5

**NOTICE:** If tire is at higher pressure than value set on gauge, compressor will not start.

**NOTICE:** Do not rotate gauge dial during inflation.

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

B. For use with low pressure inflatables

**NOTICE:** The automatic shut-off feature does not function on low pressure inflatables.

1. To inflate air mattresses, beach balls, life jackets, etc., remove plastic air hose and air hose inflator adapters from storage compartment.
2. Insert plastic air hose inflator adapter into low pressure inflator outlet (labeled "OUT") in front of compressor, and use to connect plastic air hose.
3. At opposite end of hose, connect suitable adapter for inflatable (Fig. 5) and insert into appropriate receiver in inflatable.
4. Plug the compressor into the DC 12V outlet. Toggle air ON/OFF switch to ON position. Unit should begin inflating.
5. Inflate to a pressure or level of firmness recommended by the manufacturer. Toggle air ON/OFF switch to OFF and check for desired firmness or pressure as needed.
6. Remove plastic hose adapter from inflatable.
7. Remove the adapter from plastic hose.

#### C. DEFLATING INFLATABLES

1. To deflate air mattresses, beach balls, life jackets, etc., remove plastic hose and plastic air hose adapters from storage compartment.
2. Insert plastic hose inflator adapter into low pressure deflator outlet in front of compressor (labeled "IN") and connect plastic hose.
3. At other end of hose, select and insert suitable adapter (Fig. 5).
4. Insert the adapter into the appropriate receiver on the item to be deflated.
5. Connect the 12V DC plug to a suitable power source and toggle the ON/OFF switch to ON. Compressor should begin deflation.
6. When item is sufficiently deflated, toggle ON/OFF switch to OFF.
7. Remove plastic hose from deflated item, remove adapter from plastic hose and place them in storage compartment.

#### D. OPERATING THE WORK LIGHT

1. Plug the compressor into a suitable 12V DC power source. Toggle light ON/OFF switch to ON position.
2. Toggle switch to OFF position to extinguish light.

4. Insert power cord into a suitable outlet or 12V DC source (Fig. 4). Toggle air ON/OFF switch to ON position. Unit should begin inflating.
5. Compressor will inflate tire (or other inflatable) to the preset pressure, then automatically shut off.
6. Toggle air ON/OFF switch to OFF, disconnect Quick Connector and unplug the compressor power cord.
7. Use a tire gauge to check inflation and adjust to desired pressure as recommended by the vehicle and/or tire manufacturer.

## E. REPLACING THE FUSE

(10A 5.2mm dia. x 20mm glass tube current fuse)

1. Unscrew the plastic 12V DC plug cap.
2. Gently remove 12V 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 receptacle fuse. Replace as needed with a fuse of identical rating. Never replace with fuse of



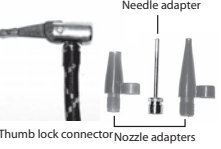

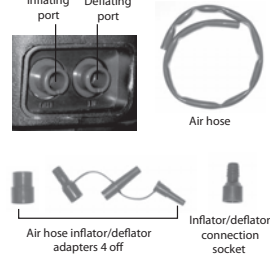

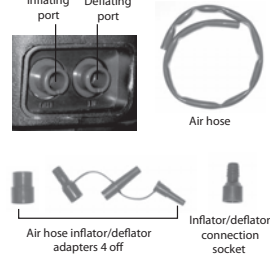

- higher rating. No user replaceable parts exist for this item, refer any repairs to qualified personnel only.
3. Do not overheat the compressor, monitor cycle times (compressor's on and off periods). Never exceed 15 minutes continuous running. Let unit cool for 30 minutes, then reattempt use.
4. Operate 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-1706
Power Requirement:	12V DC Neg. Gnd
Maximum PSI:	200 psi blocked head pressure
Duty Cycle:	15 min. on/30 min. off
Power:	105W @ 12V DC
Maximum Air Flow:	0.7 CFM (high pressure) 1.4 CFM (low pressure)

## W-1706 Air Compressor Application Guide

High pressure	 <p>Thumb lock connector</p>	<p>For inflating various kind of tire with stem</p> 
Medium pressure	 <p>Needle adapter Thumb lock connector</p>	<p>For inflating various kinds balls request medium pressure such as basketball, volley ball etc....</p> 
Low pressure	 <p>Nozzle adapters Inflator/deflator connection socket</p>	<p>For inflating raft, balloon and sport ball etc...</p> 
	 <p>Inflating port Deflating port Air hose Air hose inflator/deflator adapters 4 off Inflator/deflator connection socket</p>	<p>For inflating or deflating items such as air-beds, air sofa and other low pressure inflatable.</p> 

## 90 DAYS LIMITED WARRANTY

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