



5 in 1 Air Compressor

Operating Instructions and Parts Manual



Model W-1806



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

SFA Companies, Inc.
10939 N. Pomona Ave.
Kansas City, MO 64153
Tel (816) 891-6390, Fax (816) 891-6599

Printed in China
W-1806-M0_072015

⚠ 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 it's 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 4 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 and deflate low pressure inflatables such as rafts, cushions and sports balls. 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. Insert power cord plug-in into compressor. 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.
4. Toggle air ON/OFF switch to OFF once desire pressure is achieved, disconnect Quick Connector and unplug the compressor power cord.

Figure 1 - W-1806 Nomenclature



B. FOR USE WITH LOW PRESSURE INFLATABLES

1. To inflate air mattresses, beach balls, life jackets, etc., remove low pressure inflator and low pressure inflator adapters from storage compartment.
2. Connect low pressure inflator adapters onto low pressure inflator/deflator (labeled "INFLATION POINT") on side of compressor, and use to connect plastic air hose.
3. Insert power cord plug-in into the detached low pressure inflator.
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 the adapter from low pressure inflator.

C. DEFLATING INFLATABLES

1. To deflate air mattresses, beach balls, life jackets, etc., remove low pressure inflator and low pressure inflator adapters from storage compartment.
2. Connect low pressure inflator adapter onto low pressure deflator outlet in front of low pressure inflator (labeled "DEFLATION POINT").
3. Insert the adapter into the appropriate receiver on the item to be deflated.
4. Insert power cord plug-in into the detached low pressure inflator.
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 the adapter from low pressure inflator.

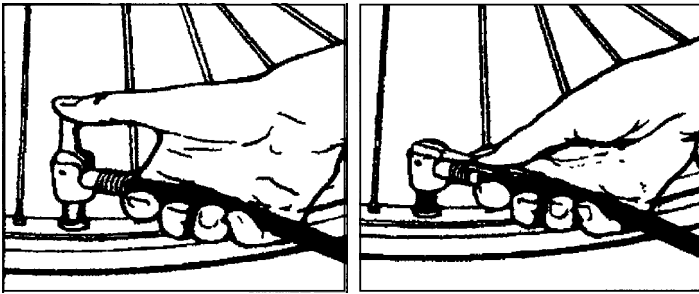


Figure 2

Figure 3

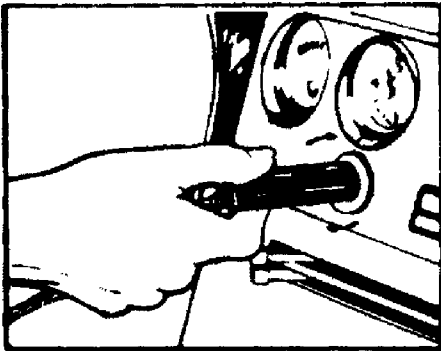


Figure 4

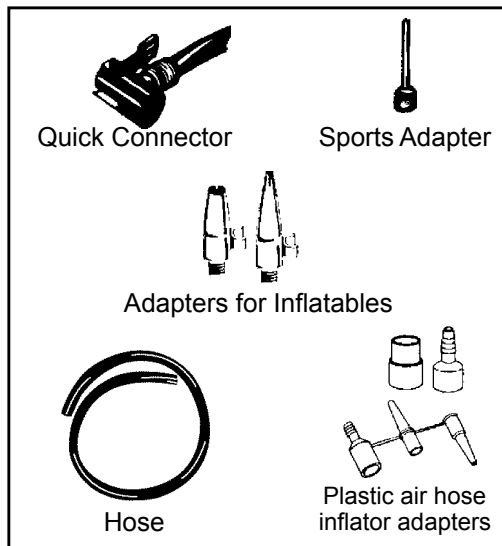


Figure 5

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.

E. REPLACING THE FUSE

(13A 6mm dia. x 30mm 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-1806
Power Requirement:	12V DC Neg. Gnd
Maximum PSI:	130 psi
Duty Cycle:	15 min. on/30 min. off
Power:	120W @ 12V DC
Maximum Air Flow:	0.88 CFM
Air Hose Length:	19.68"
Power Cord Length:	16.4 ft.

90 DAYS LIMITED WARRANTY

For a period of ninety (90) days from date of purchase, **SFA Companies, Inc.** will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship, or which fails to conform to any implied warranty not excluded hereby.

Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, to **SFA Companies, Inc.** Warranty Service Department, 10939 N. Pomona Ave., Kansas City, MO 64153.

Except where such limitations and exclusions are specifically prohibited by applicable law, (1) the CONSUMER'S SOLE AND EXCLUSIVE REMEDY SHALL BE THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS DESCRIBED ABOVE, and (2) **SFA Companies, Inc.** SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE OR LOSS WHATSOEVER, and (3) THE DURATION OF ANY AND ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO A PERIOD OF NINETY (90) DAYS FROM DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



SFA Companies, Inc.
10939 N. Pomona Ave.
Kansas City, MO 64153
Phone (816)891-6390, Fax
(816)891-6599