



**OPERATING INSTRUCTIONS AND REPLACEMENT PARTS**

**Breathing AIR Transporter™**  
**MODEL: BAT-2B**



PATENT PENDING

**WARNING**

This manual must be read carefully and followed by all persons who have or will have the responsibility for using or servicing this equipment. This equipment will perform as designed only if used according to the instructions. Otherwise it could fail to perform as designed, causing personal injury or death.

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## SPECIFICATIONS

DIMENSIONS (IN VERTICAL POSITION)	67"H X 34.75"W X 26"D
WEIGHT WITHOUT CYLINDERS	265 LBS.
MAX. INLET PRESSURE	5000 PSI
MAX. OUTLET PRESSURE	125 PSI
RELIEF VALVE	125 PSI ASME PRESET
RESPIRATOR CONNECTIONS	4
LOW PRESSURE ALARM	WHISTLE SET @ 500 PSI
WHIPS	1/4" I.D. THERMOPLASTIC HOSE RATED @ 5000 PSI WITH A 4:1 SAFETY FACTOR
CYLINDER CONNECTIONS	CGA-347 WRENCH TIGHT
TRAILER HITCH	PINTLE OR 2" BALL

## SET-UP / OPERATION



### STEP 1)

Remove retaining bar from cart. Place cylinders on cart with cylinder valves facing forward. Re-install retaining bar and tighten wing nuts.

### STEP 2)

Install the CGA-347 wrench-tight nuts to the cylinder valves and tighten.

### STEP 3)

Open cylinder valve(s). Whistle will sound until approximately 1000 PSI. Low pressure whistle is located behind panel.

### STEP 4)

Adjust regulator to desired output pressure by turning regulator knob clockwise to increase pressure or counterclockwise to decrease.

### STEP 5)

Connect hose(s) and respirator(s) to the respirator connections.

### STEP 6)

Readjust pressure regulator if necessary.

## LOW PRESSURE ALARM TEST

### STEP 1)

Open one cylinder valve.

### STEP 2)

Set the required outlet pressure by turning the regulator knob clockwise to increase pressure or counterclockwise to decrease.

### STEP 3)

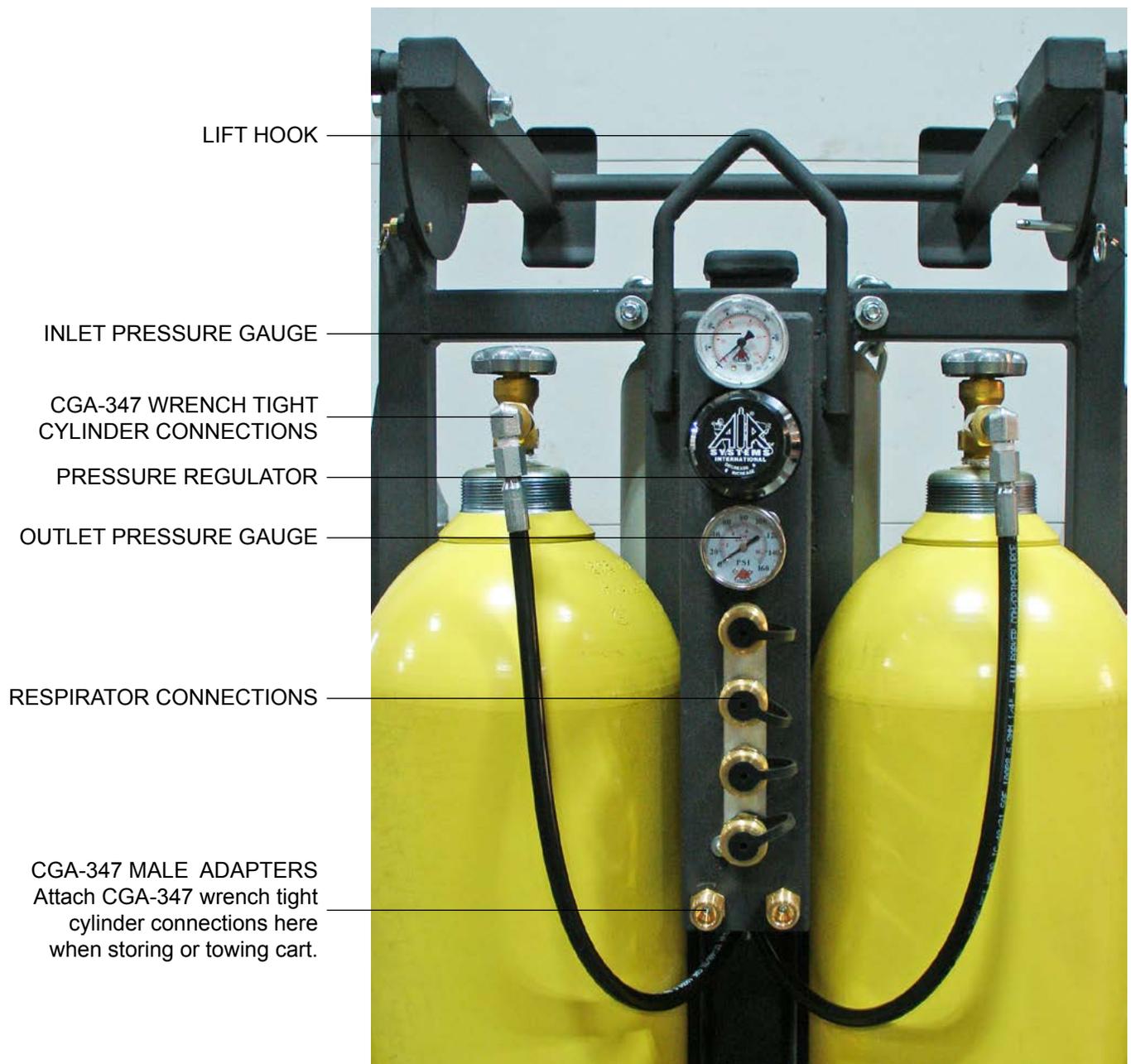
Close the cylinder valve by turning the knob fully clockwise.

### STEP 4)

Partially engage a plug into one of the respirator connections while viewing the inlet pressure gauge. As pressure drops to approximately 500 PSI, the low pressure whistle will begin to sound.

### STEP 5)

When test is complete, open cylinder valve(s) to begin operation.



## CONVERT FROM 3 WHEELED PUSH CART TO TOW POSITION



**3 WHEELED PUSH CART**



**STEP 1)**  
Remove retaining pin.



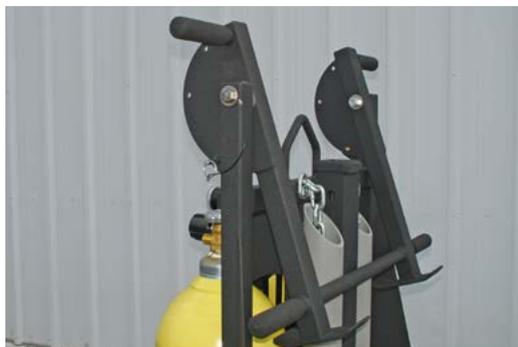
**STEP 2)**  
Remove tow tongue from receiver.



**STEP 3)**  
Remove pull pin.



**STEP 4)**  
Pull spring loaded pin.



**STEP 5)**  
Index handle assembly as shown in picture on the right and replace pull pin.



## CONVERT FROM 3 WHEELED PUSH CART TO TOW POSITION



**STEP 6)**  
Lay cart down.



**STEP 8)**  
Replace hitch pin and install safety pin thru hitch pin.



**STEP 10)**  
Pull pins, rotate handle bars to underside of cart and re-pin.



**STEP 7)**  
Pull safety chains out of tubes. Install tow tongue into receiver with wheel up.



**STEP 9)**  
Couple to tow vehicle and attach safety chains.



**TOW POSITION**

# TRANSPORT OPTIONS

## FORKLIFT



3 WHEELED WAGON



## TRANSPORT OPTIONS

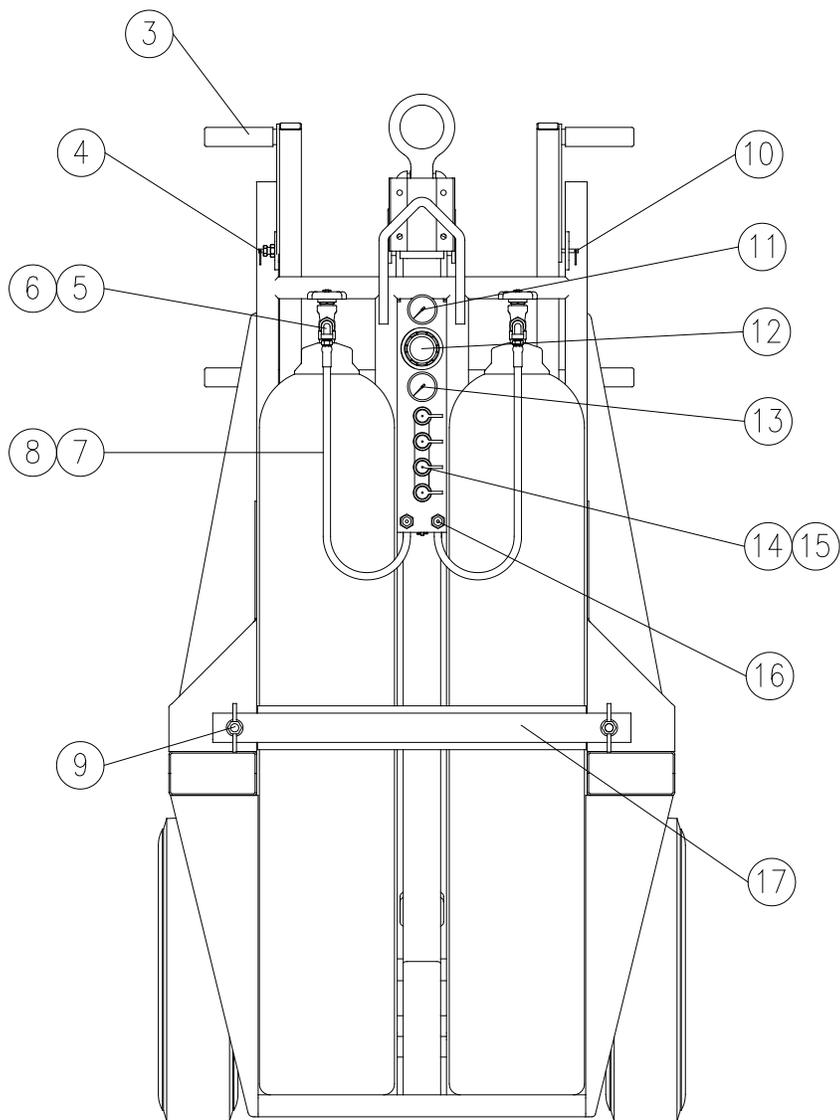
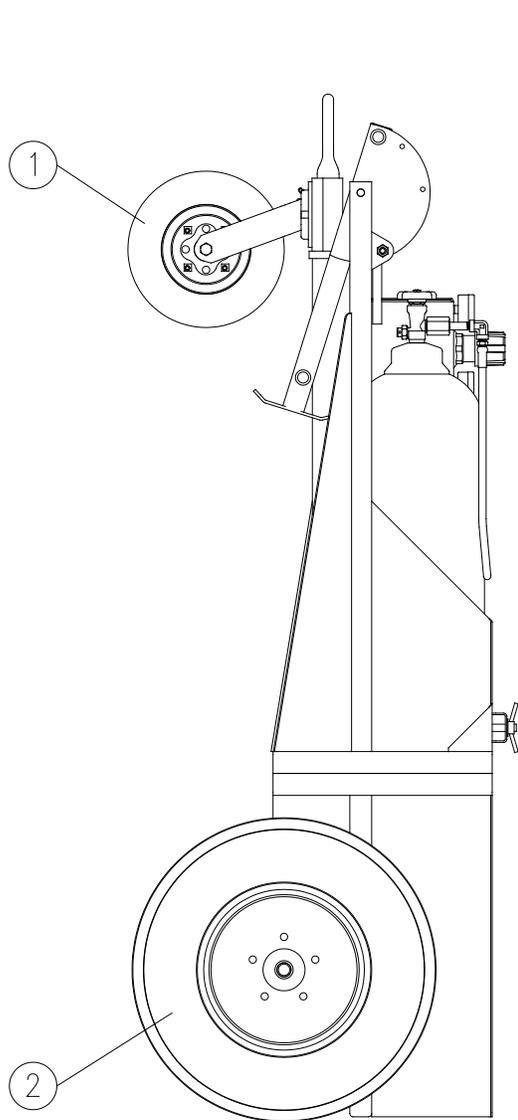
### 3 WHEELED PUSH CART



TOW POSITION



## REPLACEMENT PARTS



## REPLACEMENT PARTS

ITEM NO.	DESCRIPTION	PART NO.
1	10" PNEUMATIC SWIVEL CASTER	HDWR101
2	4.80-12 BIAS TRAILER TIRE (1)	AM30670
3	HANDLE GRIP	HDWR308
4	SPRING PLUNGER	HDWR156
5	CGA-347 WRENCH TIGHT NUT	HPBR050
6	CGA-347 WRENCH TIGHT STEM	HPBR049
7	HIGH PRESSURE WHIP ASSEMBLY, 1/4" MPT X 1/4" MPT	PHA05036MS
8	HIGH PRESSURE WHIP ASSEMBLY (INCL. CGA-347 CONNECTION)	CW-36HPBAT
9	WING NUT (1)	BAT-2-WN
10	LOCKING PIN, 5/16" X 2" LONG	HDWR117
11	0-7500 PSI PRESSURE GAUGE	GA2075KB
12	PRESSURE REGULATOR	REG-5000NG
13	0-160 PSI PRESSURE GAUGE	GA20160B
14	HANSEN COUPLING	QDH3SL4M
14A	SCHRADER COUPLING	QDSSL4M
15	HANSEN DUST CAP	QDH3DCAP
15A	SCHRADER DUST CAP	QDSDCAP
16	CGA-347 MALE ADAPTER	346347HLDR
17	CYLINDER RETAINING BAR	BAT-2-RB
18	125 PSI RELIEF VALVE (BEHIND PANEL)	VR4125BR
19	LOW PRESSURE WHISTLE (BEHIND PANEL)	AC-PA25
20	HITCH PIN AND CLIP WITH OVER-SIZED GRIP (NOT SHOWN)	MT70053





## WARRANTY

normal use for one year from the date of purchase. Any part which is determined by Air Systems to be defective in material or workmanship will be, as the exclusive remedy, repaired or replaced at Air Systems' option. This warranty does not apply to electrical systems or electronic components. Electrical parts are warranted, to the original user, for 90 days from the date of sale. During the warranty period, electrical components will be repaired or replaced at Air Systems' option.

**NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER MATTER IS GIVEN BY AIR SYSTEMS IN CONNECTION HEREWITH. UNDER NO CIRCUMSTANCES SHALL THE SELLER BE LIABLE FOR LOSS OF PROFITS, ANY OTHER DIRECT OR INDIRECT COSTS, EXPENSES, LOSSES, OR DAMAGES ARISING OUT OF DEFECTS IN, OR FAILURE OF THE PRODUCT OR ANY PART THEREOF.**

The purchaser shall be solely responsible for compliance with all applicable Federal, State and Local OSHA and/or MSHA requirements. Although Air Systems International believes that its products, if operated and maintained as shipped from the factory and in accordance with our "operations manual", conform to OSHA and/or MSHA requirements, there are no implied or expressed warranties of such compliance extending beyond the limited warranty described herein. Product designs and specifications are subject to change without notice. Rev. 2, 12/98

Air leaks are not covered under warranty except when they result from a defective system component, i.e. an on/off valve or regulator or upon initial delivery due to poor workmanship. Air leaks due to poor delivery or damage will be covered under delivery claims. Minor air leaks are part of routine service and maintenance and are the responsibility of the customer just as are filters and oil changes.