



by SCOPREGA

ELECTRIC INFLATOR BST 300 - BST 800 - BST 800 BATTERY

Catalogue number

BST 300	6130131	BST 800	6130132	BST 800 BATTERY	6130134

SAVE THIS INSTRUCTION MANUAL FOR REFERENCE



WARNING!

Please read these instructions carefully before using the inflator. Failure to follow instructions could cause damage to the product and serious harm to persons.



WARNINGS:

1. Read these instructions.
2. Keep these instructions.
3. Follow all instructions.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Protect the cord from being walked on or damaged.
6. Do not open the inflator. Refer all servicing to qualified service personnel.
Servicing is required when the apparatus has been damaged in any way.
7. Do not disassemble product. Incorrect reassembly may result in a risk of Short Circuit.
8. Provide adequate ventilation and refrain from placing items on or around the product during operation.
9. Keep this product out of the reach of children



Instructions manual

10. Since the vibration produced by the inflator may cause it to "walk", do not operate on a high shelf and keep movements under control.



DO NOT SUPPLY THE INFLATOR AT HIGHER VOLTAGE THAN NORMAL

GENERAL SAFETY RULES

1. CONSIDER WORK AREA ENVIRONMENT. Don't expose the inflator to rain. Don't use in presence of flammable liquids or gases.
2. AVOID UNINTENTIONAL STARTING. Don't start the inflator with the inlet port in contact with dust or water.
3. STAY ALERT. Watch what you are doing. Use common sense.
4. CHECK DAMAGED PARTS. Before further use of the inflator, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
5. DO NOT OPERATE portable inflators near flammable liquids or in gaseous or explosive atmospheres. Motors in these inflators normally spark, and the sparks might ignite fumes.
6. WARNING! RISK TO BREATHING. The compressed air from your inflator is not safe for breathing. Never inhale air from your inflator or from a breathing device connected to the inflator.
7. WARNING! RISK OF BURSTING. Inflate items only to their manufacturer's recommendations. Exceeding the pressure rating could cause them to explode resulting in personal injury.
8. DO NOT LEAVE THE UNIT RUNNING UNATTENDED. Overinflation could result in serious injury and property damage.
9. WARNING! RISK OF UNSAFE OPERATION. Do not modify or attempt to repair. Never drill into or make any modifications to the inflator or its attachments.
10. Never carry the inflator by the hose.

USE OF THE BST

BST 300, BST 800 and BST 800 BATTERY are easy to use two-stage inflators. BST 800 BATTERY is equipped with a built-in rechargeable battery. The first turbine stage provides a lot of air at low pressure (about 50 mbar; 0.8 psi). When the turbine reaches the maximum pressure, it is switched off by powering the pressure module with two pistons. In this case, there will be less volume of air, but much more pressure.

This step is perceptible by the fact that the second module (with pistons) is noisier. When refilling, the turbine module, being the pressure higher than 50 mbar (0.8 psi), starts immediately, then switches off and enables the module with pistons.



TECHNICAL FEATURES:

- Voltage 11-13 Vdc
- Maximum current 13 A
- Maximum pressure 300 mbar (4,4 psi)
- Maximum flow 800 mbar (11,7 psi)
- Maximum flow 450 l/min

• FIRST USE (FOR BST 800 BATTERY ONLY)

To avoid accidental starts, during transport, the battery is disconnected. Before use, open the battery box by unscrewing the 4 screws "A" (Figure 1). Connect the red cable to the positive terminal of the battery and the black cable to the negative terminal. Put back the box.

BST 300 BST 800 and BST 800 BATTERY



IMPORTANT CHARGING NOTES

1. Longest life and best performance can be obtained if the battery is charged when the air temperature is between 18°- 24°C (65°F and 75°F). DO NOT charge the battery in an air temperature below +40°F(+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery.
2. The charger and battery may become warm to touch while charging. This is a normal condition, and does not indicate a problem.
3. DO NOT immerse charger in water or any other liquid.

WARNING: DO NOT ALLOW ANY LIQUID TO GET INSIDE THE CHARGER. ELECTRIC SHOCK MAY RESULT

4. DO NOT attempt to charge the battery with any chargers other than the ones in this manual. The charger and battery are specifically designed to work together. BST BATTERY CAN BE CHARGED DIRECTLY BY MEANS OF THE CAR CIGARETTE PLUG.
5. The charger is not intended for any use other than charging the battery in the Inflator. Any other uses may result in risk of fire, electric shock or electrocution.
6. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
7. Do not operate charger with a damaged cord or plug.
8. Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.
9. Do not disassemble charger. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
10. Never use another products charger to charge this product. Always use identical replacement parts only.

TO INFLATE:

1. Connect the inflator to the power supply (excluding the BST 800 BATTERY) with the cables provided. The BST 300 is provided with a plug for car cigarette lighter; additional socket with crocodile clips for direct connection to a 12 VDC battery is provided as well. The BST 800 is provided with crocodile clips to be connected to a 12 Vdc battery. **WARNING! Ensure correct polarity (RED TERMINAL TO POSITIVE OUTPUT OF THE BATTERY)**
2. Connect the hose to the output port (outgoing arrow) by means of the fitting provided.
3. Connect the hose to the inflation valve on the inflatable via the included fittings. **It is important to choose the suitable connection to the valve and to verify that no air leakage is present.** Make sure there are no bottlenecks in the air path (i.e. torn tube, incorrect connections, etc.)
4. Adjust the pressure regulator wheel to the pressure value recommended by the manufacturer.
5. The inflator will automatically stop when the pressure reaches the set value.

- **CAUTION! DO NOT RUN THE INFLATOR MORE THAN 15 MINUTES. COOL DOWN THE UNIT FOR 20 MINUTES AFTER. THE INFLATOR CAN BE STOPPED BY PRESSING "OFF" PB.**
- **CAUTION! PLEASE CONSIDER THE PROPER MAX INFLATION PRESSURE OF THE INFLATABLE. ALWAYS SET THE MAX RECOMMENDED PRESSURE BY MEANS OF THE PRESSURE REGULATOR WHEEL. DO NOT OVER-INFLATE.**

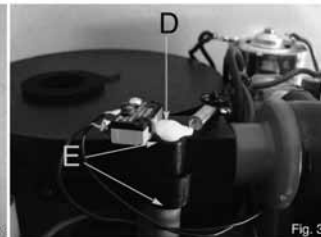
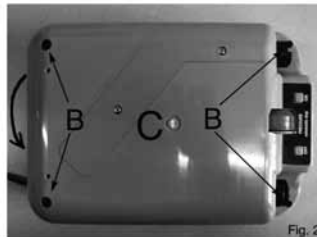
TO DEFLATE:

1. Connect the hose to the inlet port (see arrow) by means of the proper fittings.

CAUTION! MAKE SURE THAT, DURING DEFLATION, THE UNIT WILL NOT OPERATE UNATTENDED. SWITCH OFF THE UNIT WHEN NO AIR CAN BE EXTRACTED FROM THE INFLATABLE.

CAUTION! THE INFLATOR CAN BE DAMAGED BY SAND, POWDER OR WATER ENTERING INTO THE INLET PORT. THIS WILL CAUSE THE OVERHEATING AND WILL DAMAGE THE TURBINE. SWITCH OFF IMMEDIATELY THE INFLATOR IF THE PISTON MODULE IS NOT ACTIVATED.

CLEANING THE INFLATOR



IN CASE OF CONTAMINATION WITH SAND, POWDER OR WATER ACT AS FOLLOWS:

1. REMOVE THE 4 SCREWS "B" AND THEN the CAP "C" (Figure 2)
 2. CLEAN WITH AIR ALL COMPONENTS OF THE INFLATOR AND MANUALLY CHECK THE FREE RATATION OF THE CAM "D" (Figure 3).
- CLEAN, BY BLOWING AIR, THE TWO PINS "E" (figure 3) UNTIL THE CAM CAN RATATE FREELY
 - DO NOT LUBRICATE THE MECHANISM.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Inflator will not start	Cable not properly connected	Connect cable
	Battery not charged (only for BST 800 BATTERY)	Check battery
		Switch ON
	Damaged cable	Repair inflator at a BRAVO Service Centre
Will not inflate/deflate	Wrong connection of tube	Connect to proper port
		Switch ON
No switching of the pressure turbine-module	Sand or dirt in the switching mechanism	Clean the inflator (see paragraph above)

ACCESSORIES

Recommended accessories for use with your inflator are available from your local dealer.



WARNING: THE USE OF ANY ACCESSORY NOT RECOMMENDED FOR USE WITH THIS INFLATOR COULD BE HAZARDOUS.