



Instructions

SAFETY PRECAUTIONS

- **NEVER** use this product underwater without receiving TRAINING and CERTIFICATION in the technique of SCUBA diving from a recognized certification agency. Use of this equipment by a person who is not certified by a recognized agency shall render all warranties, express or implied, null and void. Use of underwater breathing devices by uncertified or untrained persons is dangerous and can result in severe injury or death.
- Xtreme 6 is recommended for depths less than 30 feet.
- **NEVER** dive with a system that shows signs of damage, leakage or substandard performance.
- **NEVER OVERFILL** the system above 3000 psi, the air pressure stamped on the cylinder. **ONLY** use purified, dry compressed breathing air when refilling cylinder.
- **DO NOT** fill or use the system if it has been exposed to extreme heat exceeding 250°F, or open flame. Instead, discharge the cylinder completely and return it to an Authorized Dealer for inspection and possible hydrostatic testing.
- **NEVER** breathe completely empty underwater. Water will enter inner stages of the regulator and may result in internal corrosion and require service. **ALWAYS** rise to the surface when the pressure gauge shows 500.
- **ALWAYS** dive with Xtreme 6 full – less starting pressure means less time underwater.
- **NEVER** leave the Xtreme 6 standing upright. **ALWAYS** store lying down to prevent damage in case of tipping over.
- **NEVER** rise up to the surface faster than your air bubbles.
- **NEVER** hold your breath underwater. Breathe normally in and out during the whole dive.

GENERAL INFORMATION

- Practice using Xtreme 6 in shallow water. Practice switching between the SNORKEL & DIVE modes on the Snorkelator. The amount of air you will receive will vary based on your lung capacity, depth, water temperature, exertion level, etc.
- Xtreme 6 utilizes a dry snorkel; however some water may still enter the snorkel. To clear the Snorkelator, tilt your head to the RIGHT and exhale sharply. Repeat occasionally to keep clear.
- Xtreme 6 is shipped empty – fill prior to use using the included #920C Air Compressor Refill Adapter at your local dive shop, or fill from a full cylinder (3000 psi +) using the included #910S Scuba Tank Refill Adapter.
- The harness does NOT have built in buoyancy.
- The harness has pockets for optional weights, depending on your size & weight you may want to use them to help you dive underwater easier. DO NOT overweight yourself.
- ALWAYS wear dive fins when using Xtreme 6.
- *Some components may come in different colors than shown online and in manual.*



The Xtreme 6 Kit includes:

- 6 cu.ft. DOT/TC marked cylinder
- Tank Valve/1st Stage Regulator combo
- 2nd Stage Regulator
- Mini Pressure Gauge
- Snorkelator (dry snorkel with patented valve to switch between DIVE & SNORKEL modes with a turn of the dial)
- Custom Adjustable Waist Harness
- Air Compressor Refill Adapter #920C
- Scuba Tank Refill Adapter #910S
- Regulator Necklace
- Carry Bag



#920C



#910S

Product Specifications:	
Part Number	600PKX
Cylinder Capacity	6 cu.ft.
Service Pressure	3000 psi / 207 bar
Weight	5 lbs.
Air Supply	Up to 15-20 mins.
Regulator type	Classic downstream

FILLING CYLINDER USING #920C AIR COMPRESSOR REFILL ADAPTER (For dive shop full size air compressor)

1. Attach #920C Adapter onto Refill Port until finger tight ONLY.
Note: Apply small amount of food grade silicone grease to threads.
Note: Do not apply a wrench or otherwise overtighten.
2. Attach the yoke from the compressor to the Adapter and fill to 3000 psi.
3. Turn the On/Off Knob counter-clockwise until it is completely open.
4. When full, press the 2nd Stage Purge Button to bleed.
5. Check the Pressure Indicator. If tank is full, the Dial Gauge will read 3000 psi.
6. Store Xtreme 6 Kit with On/Off Knob in the OFF position until ready to dive.

FILLING CYLINDER USING #910S SCUBA TANK REFILL ADAPTER FROM A FULL SCUBA TANK

WARNING: If the Refill Port or Refill Adapter threads are damaged or worn these parts will require replacement. Continued use may cause injury.

CAUTION: Ensure the Valve is firmly attached to the cylinder (hand tight, no tools required).

NOTE: Due to the volume of the 6 cu.ft. cylinder, we recommend that it be filled from a dive shop to ensure a complete fill and maintain full air supply in your main cylinder.

1. Remove black rubber dust cover from Refill Port on Tank Valve/1st Stage Regulator combo.
2. Apply small amount of food grade silicone grease to Refill Port threads with your finger.
3. Screw Refill Adapter onto Refill Port until finger tight. *DO NOT apply a wrench or otherwise overtighten.*
4. Turn silver bleed ring on Adapter back and forth (open/close) several times to ensure proper function. Turn bleed ring to closed (clockwise) position.
5. Attach Refill Adapter to SCUBA cylinder valve.
6. Turn the On/Off Knob counter-clockwise until it is completely open/on.
7. Open SCUBA cylinder valve very slowly just until you can hear air passing from one cylinder to the other.

IMPORTANT: SUPPORT THE XTREME CYLINDER DURING FILLING.

NOTE: Filling too fast can generate heat and will result in an incomplete fill after the cylinder cools.

NOTE: If air is escaping from the Adapter during filling, close cylinder valve, wait for air to stop and re-tighten knurled ring by turning to closed (clockwise position).

8. When at least 2 minutes have elapsed, and air can no longer be heard flowing from the cylinder, turn the cylinder valve completely open to ensure maximum fill.

NOTE: SCUBA cylinder must be filled to 3000 psi at beginning of refill procedure in order to fill to recommended full capacity.

9. Close SCUBA cylinder valve.
10. Turn the On/Off Knob clockwise until it is completely closed/off.
11. Depress the 2nd Stage Purge Button until air flow can no longer be heard and the hose is depressurized.
12. You must turn the bleed ring on Adapter to open (counter-clockwise) position to relieve pressure in the Adapter.
NOTE: You will not be able to remove the Adapter from Refill Port until this is done.
13. Remove Adapter from SCUBA cylinder and Xtreme 6.
14. Replace rubber cover on Refill Port.
15. Store Xtreme 6 Kit with On/Off Knob in the OFF position until ready to dive.

OPTIONAL METHODS FOR FILLING

Refill from the comfort of your home, boat or anywhere you need quick and easy access to fill your Xtreme 6:

- NOMAD portable Air Compressor with Deluxe Filter
- HIGH-PRESSURE HAND PUMP



Available for purchase at www.spareair.com!

BEFORE USING THE SNORKELATOR

1. Ensure that the Snorkelator is securely attached to the regulator.
2. Familiarize yourself with the operation of the Snorkelator & practice turning the dial to each function several times:



← Turn the dial to 'SNORKEL' when breathing off the snorkel (dial is pointing toward the snorkel).

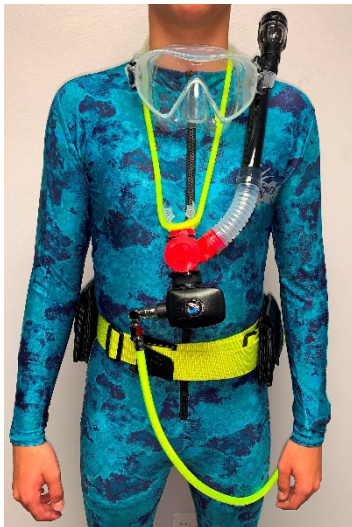
← Silicone Gasket (black portion holds snorkel to regulator)



← Turn the dial to 'DIVE' to breathe off the regulator (dial is pointing to the regulator).

PRE-DIVE CHECK

1. SLOWLY open the On/Off Knob counter-clockwise to pressurize the regulator.
2. Check that there are no audible leaks. NEVER DIVE with a regulator that shows any signs of leakage when pressurized.
3. Visually check Dial Gauge for needle to be within green zone.
4. Push Purge Button down and release. Purge Button should move up and down freely. To maintain full pressure do not purge unnecessarily.
5. Affix your scuba diving mask to the Snorkelator clip.
6. Put waist harness on and adjust for a snug but comfortable fit. Add soft weights to pockets (OPTIONAL).
7. Position the 2nd Sage Regulator under the arm or over the shoulder (find most comfortable placement).
8. Place Regulator Necklace around neck.
9. Turn dial on Snorkelator to DIVE mode and take a few breaths off the regulator to ensure everything is working correctly.



USING SPARE AIR XTREME 6

1. Ensure the dial is in SNORKEL mode and place the mouthpiece in your mouth.
2. After entering the water, practice switching the dial between SNORKEL and DIVE modes.
3. When ready to submerge, turn the dial to DIVE mode and ensure air is flowing through the regulator.
4. Breathe normally and enjoy your dive. DO NOT hold your breath.
5. When surfacing, keep dial in DIVE position until snorkel is above water.
6. At the surface, take in a full breath from SCUBA, then turn the dial to SNORKEL mode.
7. Exhale sharply into the mouthpiece to clear water from snorkel. If water remains in the snorkel, tilt head to the right, take a deep breath, and exhale sharply again.
8. Take small, slow, steady breaths to maximize the duration of air supply.
9. Regularly check your Pressure Gauge and return to the surface when pressure gauge shows 500 psi.

Note: Do not use until completely empty underwater as water will flood the internal components and will therefore require service and cleaning.

POST-DIVE

NOTE: Rinsing should occur as soon as possible after diving.

1. Remove unit from waist harness.
2. Before rinsing, check Pressure Gauge and make sure Xtreme 6 is not empty (has some pressure) to prevent entrance of moisture into the system. Refill if necessary.
CAUTION: If empty, water may have entered the regulator and cylinder and could lead to corrosion and/or failure of the system. Refer to Maintenance section.
3. Soak the whole Xtreme 6 unit (pressurized & ON) for at least 30 minutes in fresh water after each use. Rinse the 2nd Stage and Snorkelator thoroughly to remove salt water and/or sand.
4. Turn the Snorkelator dial several times between DIVE and SNORKEL mode while rinsing in clean, fresh water.
5. Rinse Refill Adapter in fresh water.
6. Turn On/Off Knob on regulator clockwise until it is completely closed.
7. Gently shake to dislodge any water and wipe dry with a clean towel.
8. Store Xtreme 6 full or with some positive pressure to prevent contaminants from entering the cylinder. Store in a clean, dry environment with optimum temperatures of 50-75°F for best product performance. Avoid direct sunlight, automobile trunks or other areas subject to temperature extremes.

NOTE: Industry guidelines recommend replacing air in cylinders annually.

ROUTINE CARE & MAINTENANCE

- For general cleaning, use a mild dish soap or Simple Green / biodegradable solution.
- For sanitizing, use a commercially available regulator sanitizer available through a dive shop.
- Keep the threads on both the Refill Port and Refill Adapter clean and lubricated. Use high-quality, non-toxic, food grade silicone grease for best results.
CAUTION: Never use a hydrocarbon based oil (i.e. household oil or motor oil).
- If you notice damage, wear or suspect any leaking or missing parts, have Spare Air examined immediately.
WARNING: Do not attempt to repair Xtreme 6 yourself. Unauthorized repairs or tampering is hazardous.
- Xtreme 6 regulator should be serviced annually by an Authorized Dealer or by Submersible Systems to assure proper performance. It cannot be assumed that a regulator is in good working order on the basis that it has received little or no use. Prolonged or improper storage can result in premature deterioration of o-ring seals.
- The cylinder has a DOT 3AL3000 rating and will require hydrostatic testing every 5 years. A visual inspection is recommended annually. The cylinder should be inspected internally and externally for pitting, corrosion, dents, cracks or other damage.
- Visit Repair Information page at www.spareair.com for instructions on how to obtain service.

TRAVELING

When traveling on commercial aircraft, cylinders must be **VISIBLY** empty and removed from regulators.

1. Purge Xtreme 6 until empty of air.
2. Remove Valve from cylinder by turning counter-clockwise. The Valve is attached hand-tight, therefore, does not require any tools to remove. If needed you can tap the On/Off Knob with a rubber mallet to loosen.
WARNING: Do not force Valve on or off cylinder. Excessive force may damage threads. If Valve does not remove easily, soak in a 1 to 1 vinegar & water solution for 3 hours to loosen any corrosion.
3. Leave o-ring and washer on Valve.
4. Place Xtreme 6 in a protective container (plastic bag or box) to keep unit clean and to secure loose parts.
5. Pack Xtreme 6 in your check or carry-on luggage.
6. When you reach your dive destination, reassemble Xtreme 6 and fill the cylinder. Lightly lubricate the o-ring with a small amount of silicone grease – never use hydrocarbon based oil. DO NOT force Valve onto cylinder – if you feel resistance, stop, unscrew, and start again.

NOTE: Replace o-ring after product has been disassembled and reassembled 3 times or o-ring shows signs of wear or air leakage. Tank o-ring size is 2-016 available for purchase at spareair.com.

TROUBLESHOOTING

- Every unit is tested before shipping, however, regulators can go into free-flow when accidentally triggered and this does not mean there is a product defect. If 2nd stage goes into a free-flow, make sure the Snorkelator dial is in the Snorkel position. The free-flow can be stopped by holding the regulator upside down so the front cover faces the surface. If the free-flow doesn't stop, try pressing the purge button or pressing the palm of your hand over the mouthpiece.
- If sand or debris interferes with the smooth turning of the dial, rinse the product more thoroughly while turning the dial. If sand still persists inside unscrew the top cap and remove the dial and rinse all parts thoroughly until clean. Place a small amount of food-grade silicone grease with your finger around the o-ring. Place the dial back inside the Snorkelator valve with the dial pointing at the snorkel, then replace the threaded cap tightening all the way down until you feel resistance. Turn the dial a few times to SNORKEL and then to DIVE mode to ensure proper functionality.
- If the silicone gasket begins to show signs of wear, contact Submersible Systems for servicing or replacement.

FAQ

1. How do I get my Xtreme 6 filled? Take the Xtreme 6 along with the included refill adapter to any dive shop and they will fill it for you for a nominal fee. Dive shops have high pressure air compressors that pump clean breathing air. Xtreme 6 comes with a DOT/TC marked cylinder and is not for use in EU countries.
2. Can I fill my Xtreme 6 off a compressor purchased at a hardware store? No, small compressors sold at hardware stores only pump low pressure (about 125 psi) and do not filter the air so it is not breathing quality air. Xtreme 6 has a high pressure 3000 psi cylinder.
3. Can I buy an extra cylinder? The way Xtreme 6 is designed it integrates the tank valve and 1st stage of the scuba regulator into a very small and lightweight footprint, this is unlike standard scuba set-ups. This means that you cannot simply swap out the cylinder with another full cylinder. Depending on interest, we may come out with a model where you could do this but we anticipate it adding 2 lbs. to the system weight and about \$150 to the cost.
4. Do I need to be a certified diver to use Xtreme 6? Yes, users should be scuba certified to understand the proper procedures and risks when using scuba equipment.
5. What depth can I use Xtreme 6 kit to? It is recommended to use Xtreme 6 at less than 30 feet.

STATEMENT OF WARRANTY

Submersible Systems, Inc. guarantees to the original purchaser only, that the equipment purchased is free of defects in material and/or workmanship under normal recreational scuba use for a period of one (1) year from the date of purchase provided proper care and maintenance have been performed as prescribed by the owner's manual. Should this product prove to be defective for any reason (other than those listed as limitations below) the product will be serviced or replaced at Submersible Systems' sole discretion at no charge (excluding shipping and handling). Send to:

Submersible Systems, Inc.
7413 Slater Ave.
Huntington Beach, CA 92647

LIMITATIONS

This warranty shall be void if the equipment has been tampered with by a person not authorized by Submersible Systems to perform service. Warranty does not extend to cover damage from accident, abuse, tampering, lack of maintenance, theft or loss. Service or modifications by any person or persons other than an Authorized Dealer voids the warranty. Submersible Systems, its Authorized International distributors, and Authorized Dealers make no other warranties, either express or implied, orally, or in writing, with respect to any other warranty coverage except those expressly stated within the preceding paragraphs.



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