

# HOW TO FILL SPARE AIR

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

 **CAUTION:** DO NOT stand directly over SPARE AIR regulator while filling.

 **CAUTION:** Ensure the regulator 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 this model be filled from a dive shop to ensure a complete fill and maintain full air supply in your main cylinder.*

1. Unscrew black cap from the SPARE AIR Refill Port.
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.  
*NOTE: DO NOT apply a wrench or otherwise overtighten.*
4. Turn silver bleed ring on Adapter back & forth (open/close) several times to ensure proper function. Turn bleed ring firmly to closed position.

*NOTE: Stop if bleed ring does not move and troubleshoot.*

5. Attach Refill Adapter to SCUBA cylinder valve.
6. Open SCUBA cylinder valve very slowly just until you can hear air passing from one cylinder to the other.  
*NOTE: Support the 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 bleed ring by turning to closed position.*

7. 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.*

8. Close SCUBA cylinder valve.
9. You must turn the bleed ring on Adapter to open position to relieve pressure in the Adapter.  
*NOTE: you will not be able to remove the Adapter from Refill Port until this is done.*

10. Remove Adapter from SCUBA cylinder and SPARE AIR.

11. Replace black cap on Refill Port.



(3) Screw Refill Adapter into Refill Port.



(4) Turn bleed ring to closed position.



(6) Support Spare Air Cylinder. Open SCUBA cylinder very slowly.