

# CBRN Approved AirBoss® PSS100 and Evolution Plus Series SCBA

## DONNING PROCEDURE



- Place the SCBA in front of you with the cylinder facing down and the cylinder valve away from you.
  - Fully open the shoulder straps and the waist belt.
  - Lay the shoulder straps and waist belt out to prevent them from tangling.
- (Inset)
- If using the AirBoss® PSS100 Series, adjust height of backplate before donning.



- Grasp the carrying frame of the backplate with both hands. Carefully lift the SCBA over and behind your head. Your elbows must go through the shoulder harness straps. Slide the backplate down your back and grasp the shoulder harness straps as the unit slides down the middle of your back.
- (Inset)
- If using the coat-style method of donning, grasp the shoulder harness straps at the padding. Swing your arms over your head just as if you were donning a coat. The SCBA should rest in the middle of your back.



- Grasp the ends of the pull down adjustment straps and pull the straps down towards your hips and adjust the SCBA into position.



- Adjust the weight belt to suit.
- The weight of the SCBA should rest comfortably on your hips.



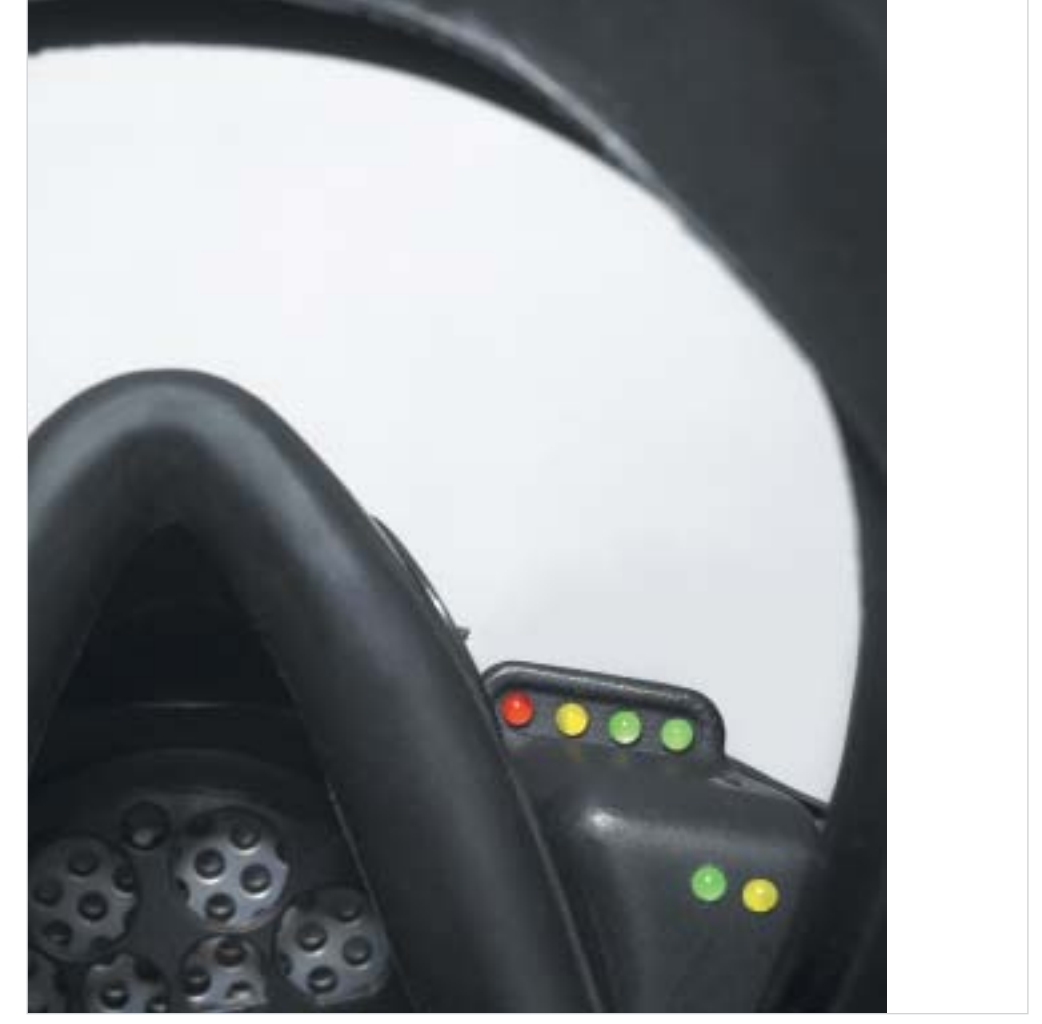
- Check to see that the CBRN lung demand valve is in the donning or off position by pressing the black reset button. Also check that the by-pass valve is not locked in the open position, the two red dots should be in line (off position).



- With your right hand, reach back to the cylinder valve and turn the cylinder valve completely on.



- Check the AirBoss® Sentinel II or standard pressure gauge to make sure sufficient air pressure is in the cylinder.



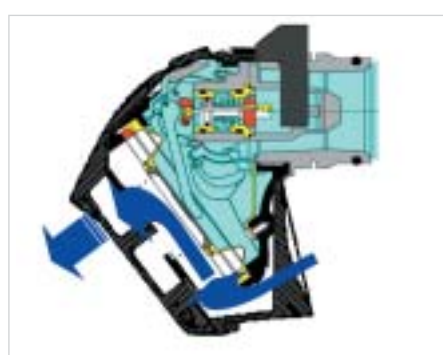
- PRISM Pressure Information System (NFA 2002 Edition)
- Check your PRISM receiver inside the mask. You should have four (4) lights showing, 2-green, 1-amber, 1-red. This will indicate a cylinder capacity of 3/4 to full.
  - When the PRISM is first turned on the lights will stay on for 24 seconds. The lights will then turn off for 36 seconds. Note: After the initial "on" sequence (24 seconds on, 36 seconds off) the light sequence will then change to 12 seconds on, 48 seconds off.



- Fully open all the straps of the facepiece harness.
- Grasping the straps of the harness, place your chin into the facepiece and pull the harness over your head.
- Beginning with the bottom straps, pull both straps straight back until the facepiece is secured on to the chin.
- Pull both temple straps straight back until the facepiece is uniformly secured to the face. Adjust the top strap if necessary.
- The facepiece should fit securely on the face.



- Grasp the CBRN lung demand valve and insert it into the opening in the front of the facepiece.
- (Shown Right)
- CBRN lung demand valve showing exhaled air flow direction.



- Push the CBRN lung demand valve into the facepiece until a "click" is heard.
- Pull on the CBRN lung demand valve to make sure that it is secured to the facepiece.
- Begin breathing normally, the CBRN lung demand valve will automatically supply air the moment you start to breathe.
- Check the operation of the by-pass valve by briefly depressing the by-pass button on the CBRN lung demand valve. You should hear and feel the air flow from the demand valve.



- You should not detect any leakage around the facepiece while you are breathing. If you feel any leakage, reposition and/or tighten the facepiece until the leak stops.
- To perform a negative pressure leak test, press the donning button, hold the donning button and take a breath. The facepiece should collapse against your face.
- Release the button and breath normally.
- You are now ready to proceed. Check your PRISM Pressure Information System, gauge or Sentinel II frequently and listen for the warning whistle and/or warning chirp.
- Always leave enough air for your retreat from the hazardous area.
- Remember, duration of the apparatus is dependent on your air consumption rate, not the size of the cylinder.

**WARNING:** Improper use of and failure to understand the SCBA may result in injury or death. This Donning Poster does not replace the owner's manual supplied with each SCBA or the need for proper and adequate training. Users of the SCBA should carefully read and fully understand the manual and all instructions before attempting to operate and/or service this equipment.

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