

Dräger PSS® AirBoss

Donning Procedure with Push-In LDV



DSC_2549

PDF-10989 | 21.03-1 | HQ | PP | Subject to modifications | © 2021 Drägerwerk AG & Co. KGaA



D-38115-2021

For height adjustment of the backplate, lift equipment into vertical position. Release yoke by depressing the buttons. Adjust yoke to required torso length. Ensure the buttons are in the locked position following setting.



D-38116-2021

To don the SCBA, put the carrying system on one shoulder first, followed by the other. Close the buckle of the waistbelt and pull, ensuring the set sits comfortably on your hips. Tighten the shoulder straps, leaving a space between the shoulder and the harness to allow freedom of movement.



D-38117-2021

When positioned correctly:

- you should be able to reach over your head without any problem
- the waistbelt should be able to pivot with your movements
- your coat should not be pulled up when bending down
- the weight of your SCBA should be on your hips, not on your shoulder



D-38118-2021

Extend the straps of the full-face mask head harness. Place the chin part of the mask at your face, then gently push onto your face and adjust it by pulling the lower strap straight back first and pulling the upper straps afterwards. Ensure that the middle strap is centered at the top of your head.



D-38119-2021

Reset the LDV by pressing the red button.



D-38120-2021

Slowly and fully open the cylinder valve anti-clockwise.



D-38121-2021

During pressurization, a momentary sounding of the whistle will occur. Fully close the cylinder valve. After one minute, check the gauge. It should show a pressure drop of less than 10 bar.



D-38122-2021

Connect LDV to the full face mask. Breathe normally while monitoring the gauge. Once the gauge shows 60 to 50 bar the low pressure warning whistle will sound. Continue breathing until the pressure gauge shows 0 bar. Inhale and hold your breath. There must be no noticeable air ingress, otherwise check the mask fit.



D-38123-2021

If you have successfully completed the functional tests, your SCBA is ready for use.