

G1 Industrial SCBA

Donning the G1 SCBA



1 Donning the Air Mask



Check that cylinder is fully **pressurized**. Ensure that the Audi-arm coupling nut is hand tight.



Reach inside right shoulder strap and grasp pressure gauge, slide left arm through left shoulder strap. **Bend** forward slightly, rest it on your back.



Attach **chest strap** (if used). Fasten **waist strap** and pull it tight for a snug fit.



As you straighten up, pull **shoulder strap tabs** out. Hike unit up for a comfortable fit. Shoulder straps and waist-strap ends must be **tucked in** and **lay flat** across the body.



2 Functional Test



Grasp mask-mounted regulator and push top release buttons. Check that **red bypass knob** is fully closed (clockwise).



Reach behind and **open cylinder valve** fully. Listen for the alarm to sound briefly. As the pressure rises, the alarm sounds automatically, indicating the alarm is functional.

Check that no air flows from regulator. If it does, repeat steps 1 and 2. Check pressure and cylinder gauges. Gauges must be within 220 psig for 2216 Air Masks and 450 psig for 4500 Air Masks. Check for bypass operation. Turn red knob counter-clockwise. Listen for air flow, then turn it off.

3 Leak Testing



Close cylinder valve and watch **pressure gauge**. If needle drops more than 100 psig in 10 seconds, there is a leak. Do not use the apparatus until the leak is found and corrected.



Crack bypass valve slowly to bleed off pressure until gauge needle drops below: 550 psig for 2216 Air Masks or 1125 psig for 4500 Air Masks. The alarm will sound. The alarm must continue to sound until pressure is less than 200 psig. Close bypass fully.

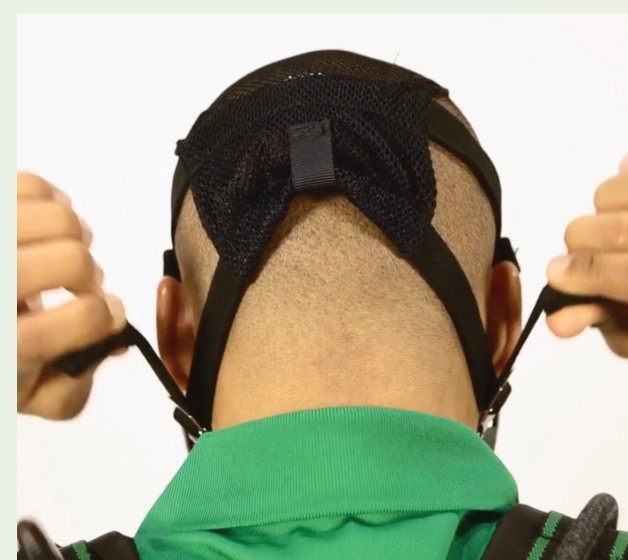
4 Donning the Facepiece



Extend **facepiece straps** fully.



Don facepiece by inserting your **chin** first. Pull **head harness** completely over your head and tighten lower (neck) straps.



Tighten **lower head harness straps** first, by pulling them straight back, not out. Tighten **temple straps** the same way. Tuck in ends of the straps so that they lie flat across the head.



Push **head harness pad** towards neck; retighten straps if necessary for best visibility and fit. Tuck in the ends of the straps so that they lie flat across the head.



To check **facepiece fit**, hold palm of your hand over inlet connection and inhale. Hold our breath at least 10 seconds. The facepiece should collapse and stay collapsed against your face. If it does not, readjust facepiece and test again.



To test **exhalation valve**, take a deep breath and hold it. Block the inhalation connection with the palm of your hand and exhale. If exhalation valve is stuck, you may feel a heavy rush of air around the facepiece.

5 Installing the Mask-Mounted Regulator



Grasp and **orient regulator** so that red bypass knob is pointing to the right.



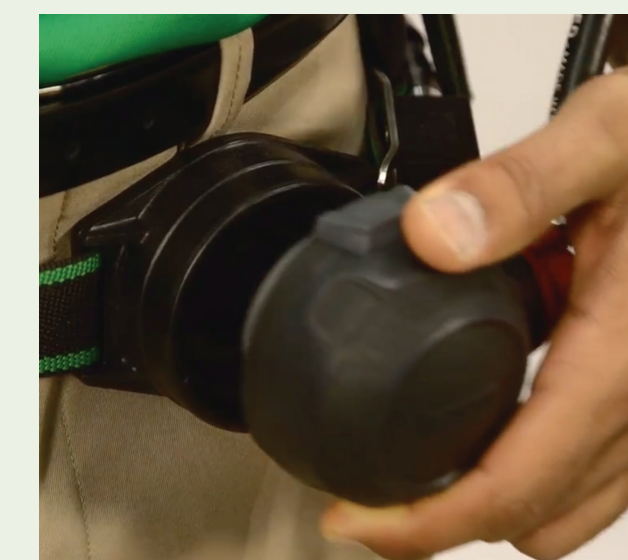
Insert regulator into facepiece adapter by pushing inward. Ensure the regulator **locks** into the facepiece. Check proper engagement by **pulling on the regulator** to ensure regulator is securely engaged to facepiece. **Inhale** sharply to start air supply.



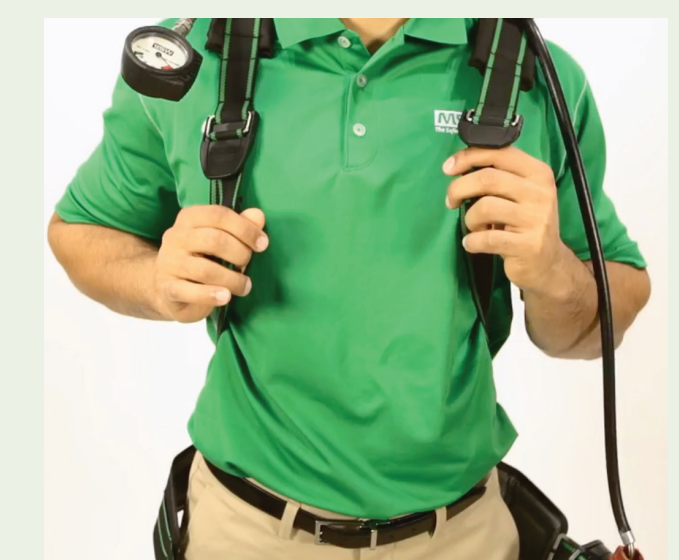
Grasp the regulator.



Push the **release buttons** and pull the regulator down and out of the facepiece adapter.



Close cylinder valve fully. Open bypass to **release system pressure**. Close bypass. Stow regulator with red bypass knob pointing to the right in STAND-BY belt mount.



To **remove the facepiece**, fully loosen the harness straps and pull the facepiece up and away from your face. To remove the carrier harness, press the **belt buckle release buttons** IN. Disconnect chest strap (if used). To loosen the shoulder straps, grasp the release tabs. Push them out and away from your body. Slip your right arm out of the shoulder strap first, then remove the harness.