



SCOTT™
Fire & Safety

Immediate Action Required User Safety Notice SN052022

Products:

3M™ Scott™ Air-Pak™ X3, Air-Pak™ X3 Pro, and X3-21 Pro Self-Contained Breathing Apparatus

Impacted Dates:

November 1, 2019 – April 12, 2022

3M™ Scott™ Air-Pak™ X3, Air-Pak™ X3 Pro, and X3-21 Pro Self-Contained Breathing Apparatus remain safe to use once the instructions in this notice are carried out.



3M Scott has become aware of a potential issue with the SCBA models Air Pak X3, X3 Pro, and X3-21 Pro pressure reducers manufactured between 11/01/2019 and 04/12/2022. 3M Scott has received a small number of reports referencing the primary and/or secondary reducing valves missing PN 10005250 high pressure air filters. If filters are missing from the reducer, the potential exists that under certain conditions the user could experience a leak at the reducer seat retainer. *To date the reports referencing this leak condition have been discovered during the Regular Operational Inspection and not during use.*

This Notice details the actions you should take to ensure your SCBA contain filters. Prior to completion of the actions called for in the Notice, you may continue to use your SCBA. Because instances of leaks have occurred on start-up pressurization, we recommend that SCBA be inspected at the start of each use period, after every cylinder changeout in accordance with the modified inspection procedures included below in addition to the normal Operational Testing you regularly perform, and any applicable customer specific SOP. These are derived from 3M Scott Operation and Maintenance Instructions PN 595373-01, pg. 12, **General Testing**, 1-7.

A leak resulting from the absence of filters would be noticeable and detected around the very bottom of the SCBA. If at any time during the Regular Operational Inspection the user detects a leak the SCBA should be tagged out of service and actions taken according to the requirements of the Notice. If the user detects a leak at the pressure reducer during use, the user should immediately exit the IDLH environment and the SCBA should be tagged out of service.

Performing Operational Testing

Testing includes checking the basic operation of the respirator, followed by more thorough checks of the mask-mounted regulator (MMR), Heads-up display (HUD), sensor module lights, and batteries. Procedure can be found in Appendix 1.

Identification and Customer Action

You are receiving this notice because you've been identified by 3M Scott as a customer that may have an SCBA meeting the criteria described in this Notice. If you have an Air Pak X3, X3 Pro, or X3-21 Pro SCBA, 3M Scott will provide the completion of the action required in the Notice at no charge. Please review your SCBA per the instructions below and take the recommended actions.

To confirm that you have an SCBA included in this User Safety Notice, please verify that your Air Pak X3, X3 Pro, or X3-21 Pro SCBA reducer was manufactured between 11/01/2019 and 04/12/2022. Reference **Figure 1** for an example of how to identify the mfg. date of your pressure reducer (the location and format of the serial number label is identical on all models).

If your SCBA is included in this Notice please contact your 3M Scott Authorized Service Center, or 3M Scott Technical Support so that a service professional can assist you in scheduling the completion of the Notice. Your 3M Scott Authorized Service Center or 3M Scott Distributor has received your shipment data and should contact you as well. 3M Scott Technical Support can be contacted at 1-800-247-7257, or scotttechsupport@3m.com, or through the web at www.3M.com/ScottFire.



Figure 1

Appendix 1: General Testing

1. Check that the MMR purge valve (red knob on MMR) is closed (the pointer on the knob points up).
2. Fully depress the center of the air saver/donning switch on the top of the E-Z Flo+ MMR or firmly pull the auto air-saver switch on the E-Z Flo C5 MMR latch and release.
3. Slowly open the cylinder valve by fully rotating the knob counterclockwise (approximately two-and-one-half turns). **Confirm that the following occur:**
 - a. The Vibralert end-of-service indicator alarm sounds and then stops.
 - b. If the respirator is equipped with a HUD it will initialize.
 - c. All lights turn on for 20 seconds before displaying the cylinder's air supply level.
 - d. If the low battery light remains lit or begins to flash, replace the batteries before proceeding. See "Replacing Batteries" in the 3M Scott Operation and Maintenance Instructions included with your SCBA.
4. If the respirator is equipped with a Personal Alert Safety System (PASS) device, also known as a distress alarm, you will hear three quick chirps when the cylinder valve is opened.
5. Check that the remote pressure gauge is operating properly and that its reading is within 10% of the value on the cylinder pressure gauge.
6. Don the facepiece or hold the facepiece to your face to create a good seal.
 - a) Inhale sharply to automatically start the flow of air. Breathe normally from the facepiece to ensure proper operation.
 - b) Remove the facepiece from your face. Confirm that air flows freely from the facepiece.
7. Fully depress the center of the air saver/donning switch on the top of the E-Z Flo+ MMR or firmly pull the auto air-saver switch on the E-Z Flo C5 MMR latch and release. The flow of air from the facepiece will stop.
8. Examine the complete respirator carefully for air leaks. No air should leak from any part of the respirator. **Be careful to check for leaks at the pressure reducer (this potential leak would be noticeable and detected around the very bottom of the SCBA).**