

Dear Channel Partner,

3M Scott Fire & Safety has received a small number of reports of **previously unused** cylinder valves in the ACSi SCBA cylinders (equipped with 90° valve configuration) not flowing air when the handwheel is turned. This is the result of an incorrectly assembled cylinder valve. This Notice includes all Cylinder and Valve assemblies PN 200870-01, 200871-01, 200872-01, 200873-01, and 200874-01. Operational testing of the cylinder per the ACSi SCBA user instructions as further described below will identify this issue. Although we do not expect there to be additional cylinders with this issue in the field, we request that all ACSi SCBA owners perform an operational test of their ACSi SCBA cylinder and any spares in accordance with the procedure outlined on page 13 of the Operating and Maintenance Instructions provided with the device (PN 595207-01) and in **Figure 1**.

NOTE: If the ACSi and cylinder have been tested or used in the past and performed normally (that is, air flows out when the cylinder handwheel is turned to the open position), this test is not required.

WARNING: Be sure the cylinder is connected to the ACSi SCBA before opening the handwheel, per the user instructions. If, upon opening the handwheel the remote gauge needle does not indicate any pressure, please remove the cylinder from service. Repeat this test with any unused or untested cylinder assemblies. An incorrectly assembled ACSi SCBA cylinder valve can also be identified by inspection of the threaded outlet. This inspection should be conducted on any spare cylinder valves. **Figure 2** below (page 2) shows an incorrectly assembled cylinder valve (note presence of silver ball check in the port). **Figure 3** (page 2) shows a correct outlet (no ball check present in port).

Figure 1

OPERATIONAL TESTING

1. Fully depress the center of the air saver/donning switch on the top of the regulator and release.
2. Slowly open the cylinder valve by fully rotating knob counterclockwise. The whistle alarm shall actuate and then stop. There shall be no airflow from the facepiece
3. Don the facepiece or hold the facepiece to the face to effect a good seal. Inhale sharply to automatically start the flow of air. Breathe normally from the facepiece to ensure proper operation.
4. Remove facepiece from face. Air shall freely flow from the facepiece.
5. Fully depress the center of the air saver/donning switch on the top of regulator and release. The flow of air from the facepiece shall stop.
6. Rotate purge valve 1/2 turn counterclockwise (pointer on knob downward). Air shall freely flow from the regulator.
7. Rotate purge valve 1/2 turn clockwise to full closed position (pointer on knob upward). Airflow from regulator shall stop.
8. Push in and rotate cylinder valve knob clockwise to close. When cylinder valve is fully closed, open purge valve slightly to vent residual air pressure from system. The whistle alarm shall actuate as the pressure drops below approximately 1/4 full. When airflow stops, return purge valve to the fully closed position (pointer on knob upward).

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Figure 2 (Incorrect)



Figure 3 (Correct)



Cylinder Return Process

Any cylinder removed from service as a result of the inspection described above should be returned to 3M Scott for replacement. Please contact 3M Scott Fire & Safety Technical Support for an RMA at scotttechsupport@mmm.com and reference User Safety Notice SN05102021.