

Product Information News

July 25, 2005

FIREHAWK® SECOND STAGE REGULATOR FUNCTIONAL CHECK

MSA is adding a functional check for the Firehawk Second Stage Regulator. The Firehawk Second Stage Regulator Functional Check is detailed below. This functional check shall be performed prior to placing a Firehawk-equipped SCBA in service.

PERFORMING THE FIREHAWK SECOND STAGE REGULATOR FUNCTIONAL CHECK

1. Push the regulator release buttons.
2. Verify that the regulator bypass knob is fully closed (clockwise).
3. Slowly open the cylinder valve to pressurize the SCBA. Verify that the cylinder valve is completely opened.
4. Check the pressure gauge to verify that the cylinder is full.

Note: Regulator functional checks must be conducted with a full cylinder.

5. Attach the regulator to the facepiece. Verify proper regulator attachment by pulling on the regulator.
6. Don the facepiece or hold the facepiece against your face to create an effective seal.
7. Regulator Response Test
 - a. Inhale sharply to start air flow. Breathe normally. Verify proper regulator response.
 - b. The regulator should not make any unusual sounds including whistling, chattering, or popping.
8. Regulator Free Flow Test
 - a. Remove the facepiece from the face. Verify that air flows freely.
 - b. Push the regulator release buttons. Verify that air flow stops.
9. If the regulator fails to meet any of the above checks, the Firehawk Regulator must be removed from service and repaired.

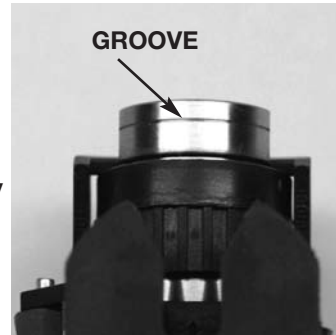
REPAIRING THE FIREHAWK SECOND STAGE REGULATOR

The Firehawk Second Stage Regulator shall be serviced in accordance with the MSA Firehawk Second Stage Regulator Maintenance and Repair Manual.

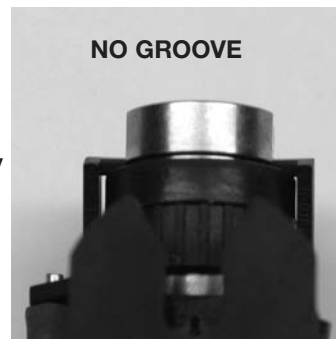
If the Firehawk Second Stage Regulator exhibits unstopable free flow during the Regulator Free Flow Test, it is necessary to replace the existing Firehawk valve assembly with a new version Firehawk valve assembly.

The new version Firehawk valve assembly is visually distinguishable from older valve assemblies. The new version Firehawk valve assembly includes a groove on the valve housing shoulder. Older versions of the Firehawk valve assembly do not include this groove.

**New Version
Firehawk Valve Assembly**



**Older Versions
Firehawk Valve Assembly**



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