

Deltair 1st Stage O-ring

Avon Protection has become aware of factory installation of round section o-rings (See Fig.1) which are installed on the large end of the first stage regulator piston for Deltair scba. These o-rings should instead be the quad section o-rings as shown in Fig. 2.



Fig. 1



Fig. 2

Under extreme cold weather conditions this could result in a slight leakage of air around the piston which would then vent through the piston cap. A slight reduction in duration from the unit might occur, however the primary and redundant low air alarms will remain functional.

To correct this condition, Avon Protection will be notifying distributors and end users who have received units with the incorrect o-ring for a free replacement. The process to replace the o-ring will be as follows:

- Remove cylinder band and lumbar pad.
- Open backframe housing by loosening the four (4) ¼ turn fasteners and removing back frame.
- Remove the first stage regulator.
- Remove the piston cap and inspect/replace large o-ring with correct quad o-ring.
- Reinstall piston cap.
- Reinstall first stage regulator.
- Close backframe housing with back frame, ensuring all hose/cable routing is correct.
- Reinstall lumbar pad then cylinder band.
- Functional test.
- PosiChek flow test.

Please see the supporting Avon video which illustrates this process in real time.