

SUBJECT: MODE Over Pressure Valve (OPV)

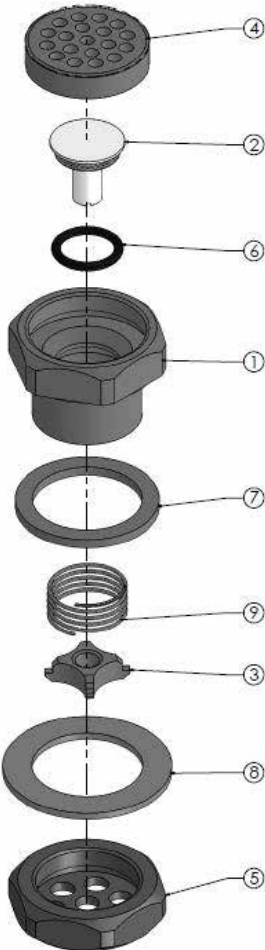
Affected Military Equipment:

Modular Oxygen Diving Equipment (MODE).

Problem:

During extended UBA wet lay-up periods where repet dives will be made using the same ExtendAir cartridge, the alkaline environment inside of the breathing bag effects the structural integrity of the plastic OPV male threads. The chemical effect on the plastic male OPV threads has been so severe that some OPVs have cracked and broken.

NOTE: While Aqua Lung seeks to redesign the existing OPV from a compatible material, an aluminum OPV is currently available and is authorized and will be shipped at no cost to end users as an interim replacement.



Item #	Part #	Description	Qty.
1	488191	OPV Body	1
2	488192	OPV Seat	1
3	488195	Adjusting Nut	1
4	488194	OPV Grid	1
5	488193	OPV Nut	1
6	124284	O-Ring 1.78 x 10.82 Nitrile 70ShA	1
7	488196	Rubber Washer	1
8	488197	Anti-Friction Washer	1
9	488198	OPV Spring	1

Corrective Actions:

Corrective action can be accomplished by qualified MODE Technicians IAW the MODE O&M Manual.

1. Remove the existing OPV P/N 488190.
2. Ship to Aqua Lung America, Attn: Steve Reilly, 2340 Cousteau Ct Vista, CA 92081.
3. Install new aluminum OPV P/N 101200.
4. Conduct gas tightness test IAW MODE O&M before placing rig back into service.

For further technical support or to provide input on any of the information presented please contact:

Steve Reilly - Aqua Lung America Military Product Manager : sreilly@aqualung.com

Glen Rubin - Aqua Lung America Military Program Manager : grubin@aqualung.com