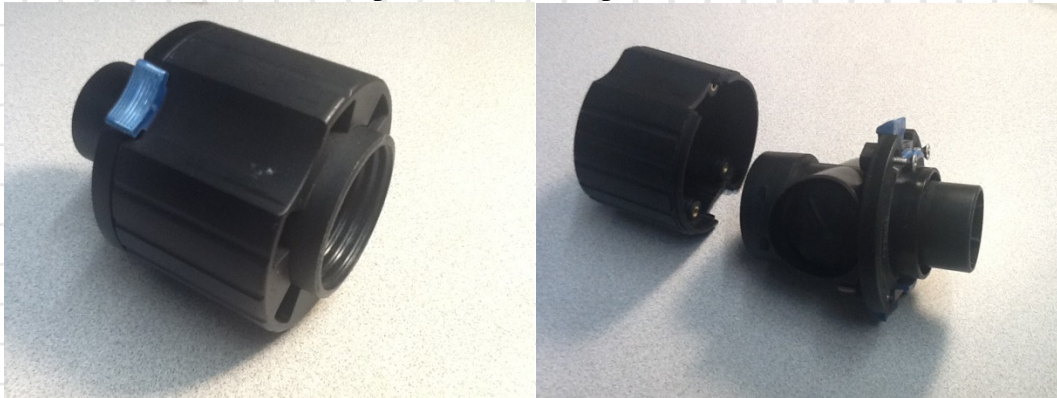


Troubleshooting the Survivair Snap-In Demand Valve

The Survivair Snap-In Demand Valve is used most commonly with the Panther, Sigma and 20-20 Survivair masks.

The unit pictured below is part no. **960150**.



There are 4 Phillips-type screws that hold the unit together and are the only serviceable part on the connector. This connector accepts a Kit # 1 part no **9513-0130**.

The exhalation valves are located inside the unit and requires disassembling to gain access.

**There are several “fatal” problems that can occur with this connector.
 If any of these are present the connector should be replaced.**

1. Hairline cracks in plastic mounting sleeve that inserts into the mask. These can occasionally can be so slight as to evade detection.
2. Inadequate seal between the two halves around where the screws join the top plate to the bottom.
3. Dry rot of internal exhalation valves.

Other problems which can be resolved without replacing the unit are:

1. Dirty exhalation valves. Remove the screws wash out unit especially under each valve.
2. Inhalation valves still in place. The user should be able to sight through the unit from front to back without obstruction. The inhalation valve, if present, will prevent the test from achieving a constant challenge pressure. The valve is located on the “crosshair” gasket inside the threaded port on the unit.