

Step 7: Turn the adjusting knob counter clockwise until it stops, then turn 3 full turns back. Turn the air on and depress purge button (1). You should have a strong purge without any free-flow. If purge is too weak, loosen the jam nut (10) and turn valve seat (9) counter clockwise approximately 1/8 turn at a time until a strong purge is accomplished. Tighten the nut (10). Make final adjustment by turning the knob (20) clockwise for harder breathing or opposite for easier breathing as indicated on the face of the knob. For optimum performance at any depth the regulator should be adjusted to open between .7-1.0 inch/water and should not exceed the 1.5 inch/water inhalation effort at 10CFM. If the test equipment is not available, adjust your regulator for desired effort without any free-flow after you enter the water to dive.

Step 8: Install mouthpiece (28) using new mouthpiece clamp (29). Install exhaust manifold (27). If the regulator free-flows and can't be stopped by turning the knob (20), check the intermediate pressure or replace the internal seals - seat assembly (12) and "O" ring (15). During the required annual inspection, the "O" ring (15) must be replaced.

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