



#276 SMOK SPEC PLUNGER Spectacle Kit

INSTRUCTIONS FOR PROPER PLACEMENT OF FRAME IN AIR MASK: The corrected #276 Plunger spectacle is suctioned onto the upper midline inner surface of the face plate so that the user looks through the centers of the prescription lenses. Once the frame is properly located in the mask, the user should permanently mark the outer surface of the face plate opposite the suction cup. This mark will serve as a future reference point for quickly positioning the suction cup on the inside of the face plate. For proper horizontal alignment of the spectacle in the air mask, align the horizontal white reference line visible on the top of the frame carrier parallel to top edge of the mask.

Always moisten the inside of the suction cup prior to positioning it on the face plate. All contact surfaces must be clean for proper suction. **PROLONGED USE OR EXPOSURE OF THE SUCTION CUP IN EXTREMELY HOT AND/OR HUMID CONDITIONS MAY CAUSE RELEASE OR SLIPPAGE.** For such adverse environmental conditions, it is strongly recommended that consideration be given to using the ULTRA Smok Spec spectacles (#233TS or #411) which utilize brackets bonded onto the face plate.

In order to utilize the #276 Plunger in an air mask that has a nut and bolt assembly in the upper section of the face plate (e.g. Scott AV2000), the following steps must be taken (see Figure 1):

1. Unscrew the suction cup assembly from the upper hole located in the “T” shaped frame carrier (above the “living hinge”).
2. Reinstall the suction cup assembly in the lower hole located in the frame’s bridge (below the “living hinge”).
3. Turn the suction cup assembly clockwise until firmly seated.
4. Position the wetted suction cup just below the protruding head of the bolt.
5. Angle the frame away from the face plate and align the spectacle with the user’s eyes.

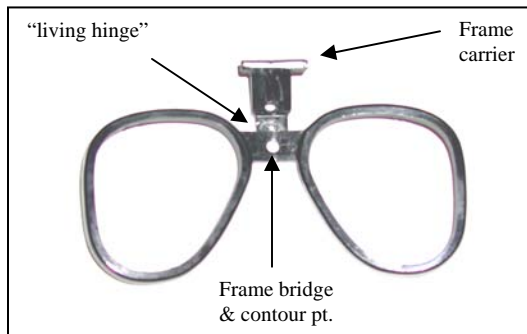


FIGURE 1

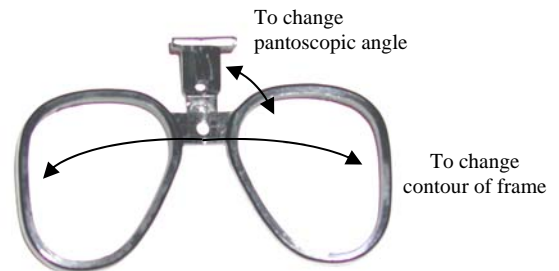


FIGURE 2

NOTE TO OPTICIAN: This frame front can be reconfigured to accommodate different lens patterns. For smaller volume air masks or bifocal Rx's, the “Classic” pattern is suggested. For larger volume air masks or single vision Rx's, the “S-11” pattern is suggested. When in doubt, use the “Classic” pattern. This frame’s eye shape can be altered to an S-11 configuration by edging the lenses with an “S-11” pattern (± 149 mm lens circumference). The frame front should be contoured (manually or thermally) to approximate the curvature of the face plate. To contour the frame front, bend or fold the frame inward around its contour point (see Figures 1 and 2). To change the frame’s pantoscopic angle or tilt before the user’s eyes, manually bend the frame carrier forward or backward at the “living hinge” (see Figures 1 and 2). The front of the frame should be angled so that the distance of the lenses from the user’s eyes is approximately 14 mm. A properly positioned frame should not make contact with the user’s face. Users should adjust the frame angle before their eyes to meet their individual comfort level.

WARRANTY (excluding lenses): Two years against breakage or defects if properly cared for. **Proper care entails soaking the nylon frame in water for approximately 24 hours every 2-3 months.**