

TECHNICAL BULLETIN

#117 December 17, 2001

TRIGGER PIN LUBRICANT

Products Affected: Panther, Cougar, SIGMA, OMEGA, MARK 3, LO-PRO, SECOBA SCBA, HIP PAC and SAR Second Stage Regulators.

This technical bulletin supercedes technical bulletin number 110. Corrections or additions to this technical bulletin are in ***bold italics***.

NOTE

- ***This procedure need only be done on second stage regulators exhibiting sluggish response such as low flow or slow response characteristics.***
- ***This procedure must be done when performing a standard six year overhaul.***
- ***Regulators manufactured after October 19, 2001 have Molycote® 33 factory applied and will not have an “X” engraved after the serial number.***

This Technical Bulletin provides the information and procedures necessary to apply Survivair approved lubricant to the second stage trigger pin, part number 961521.

WARNING

Do not allow the Molycote® 33 to contact any silicone components in the second stage regulator. e.g., diaphragm, o-rings or the trigger seat.

Survivair has determined that Molycote® 33 must now be used to lubricate the trigger pin, part number 961521, prior to installation into the trigger, part number 961525 or 961517 (discontinued).

Application Instructions

1. Prior to installing the trigger into the regulator body, apply a small amount of Molycote® 33 lubricant in the bore on each side of the trigger, part number 961525 or 961517 (discontinued).
2. Insert the pin, part number 961521, into the greased bore of the trigger, part number 961525 or 961517 (discontinued).
3. After the trigger has been assembled into the regulator body, apply a small (but clearly noticeable) amount of Molycote® 33 to the pin on each side to the trigger just where the pin exits each side. The intent is to seal the pivot pin to keep moisture from entering into the trigger/pivot pin bore.
4. ***Using an electric engraver, inscribe the second stage regulator with an “X” after the serial number to identify regulators that have had Molycote® 33 applied to the trigger***

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Molycote® 33 can be purchased from Survivair, it is supplied in 5.3 oz tubes. The Survivair part number is 820489. Call Survivair Customer Service for current pricing.

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