

DrägerService®

**Dräger**

# Field Service Procedure

Part Number: SP00256

Rev: A

Date: 19 Dec 2002

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## **APL Valve Crater Replacement on COSY II**

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## APL Valve Crater Replacement on COSY II

### Replacement Procedure

#### Preparing the Breathing System:

1. Set machine power switch to the OFF (⊙) position and close all flow control valves.
2. Remove the scavenger hose from the scavenger port of the breathing system, then remove the scavenger valve assembly from the breathing system.
3. Remove the APL valve from the breathing system.
4. Remove and discard original valve crater screw.
5. Using the valve crater spanner wrench (P/N 4118165) remove the valve crater from the breathing system, then discard. See Figure 1.
6. Remove all residual silicon thread sealant from the internal thread on the COSY II block using the scraping instrument (P/N 4118169).

**Note:** Ensure that the entire vicinity, including all ports internal and external are free of silicon debris.

7. Install replacement valve crater (Only hand tight) on COSY II block.
8. Note the position of nearest access hole in the valve crater, to the threaded hole in the COSY II block for the new shoulder bolt. Using the valve crater spanner wrench, tighten valve crater until the second available access hole is centered over the threads in the COSY II block.

**Note:** Do not over tighten or pass to the next available access hole or damage may occur to COSY II block.

9. Install the new shoulder bolt in valve crater and tighten.
10. Reinstall the scavenger valve assembly on the COSY II breathing system and reattach the scavenger hose to scavenger port.
11. **Important Note:** Remove and discard the DMI - APL Valve Product Advisory and valve discs from the unit. Inform customer that the procedure outlined in the Product Advisory shall no longer be performed.

<b>Replacement Procedure (continued)</b>
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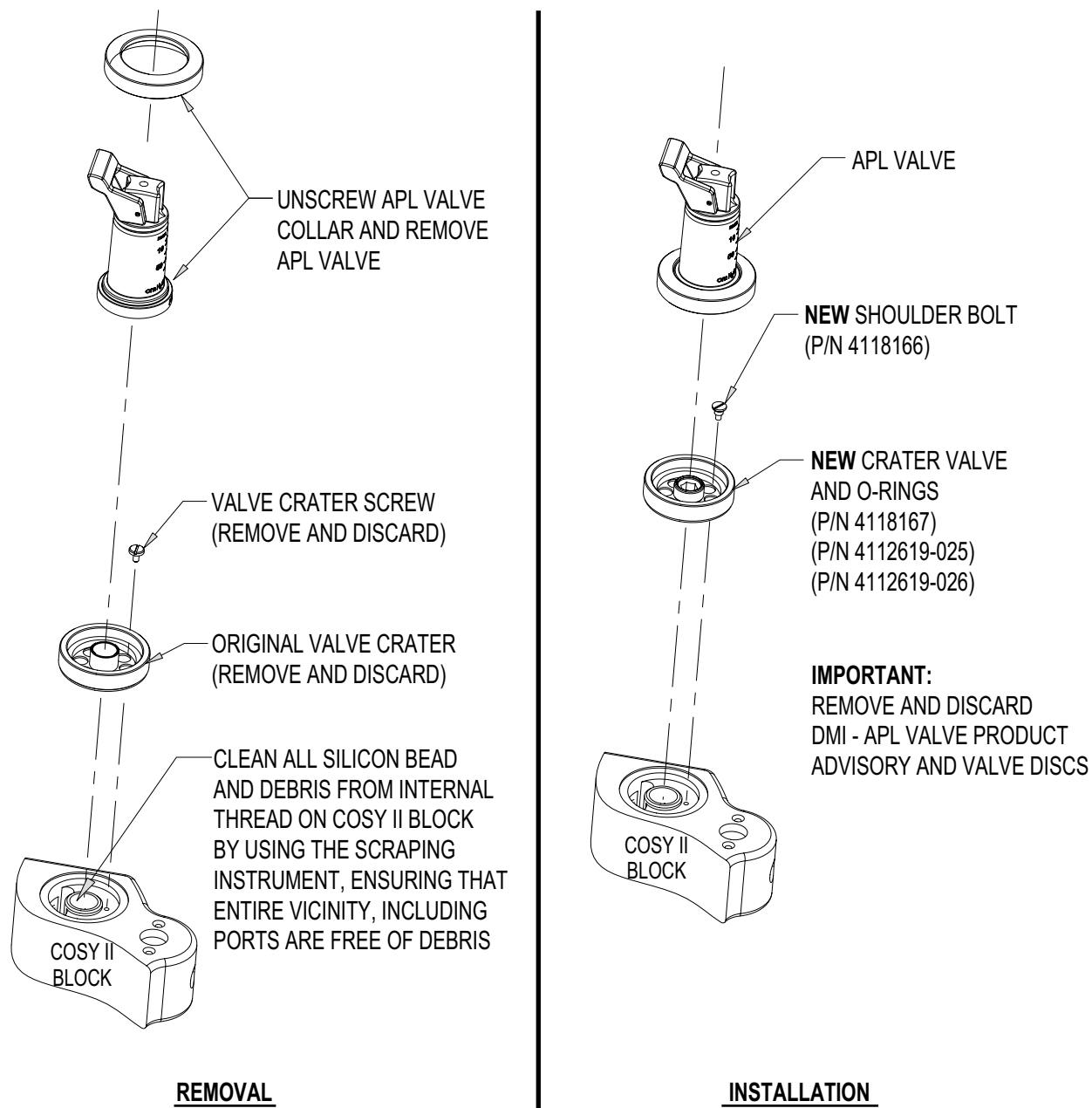
**Performance Tests:**

12. The performance tests required are dependent upon the overall services performed at the time of crater replacement. Refer to the table below regarding the test(s) required.

Service(s) Performed:	Test Requirements:
Crater Valve Replacement	Perform PMS test steps outlined in the following sections of the Fabius GS Service Manual: 7.9 Breathing System 7.21 Ventilator
Crater Valve Replacement & APL (Knob) Style Replacement	Perform the following steps outlined in <b>Service Procedure SP00225 Fabius GS PMS Procedure (Rev. F)</b> sections: 7.9 Breathing System 7.21 Ventilator
Crater Valve Replacement & Software Download.	Perform a complete PMS as outlined in Section 7 of the Fabius GS Service Manual.
Crater Valve Replacement & APL (Knob) Style Replacement & Software Download.	Perform a complete PMS as outlined in <b>Service Procedure SP00225 Fabius GS PMS Procedure (Rev. F)</b> .

13. Complete the Return Form (attached) and fax to DrägerService at (215) 721-7584 per account completed.

**Replacement Procedure (continued)**



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**FIGURE 1. APL Crater Valve Replacement**

# Return Form - APL Valve Crater Replacement

Distributor: \_\_\_\_\_

Customer: \_\_\_\_\_

Country: \_\_\_\_\_

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Machine S/N

Machine S/N

Machine S/N

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Fax to:

Date of Update \_\_\_\_\_

DrägerService

Signature (TSR) \_\_\_\_\_

Attn: Al Myers

Name (Print) \_\_\_\_\_

(215) 721-5784

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