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Engineering Bulletin

8/19/03

New Configuration S600

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We have further enhanced the overall performance of the S600 and S600T second stages with a number of in-line enrichments. Technical drawings and schematics have been attached for your review.

1. The production in-line changes include a smoother operating inhalation resistance control knob, which can easily be identified by its new knurled pattern-design. The knob threads have been reconfigured offering a smooth adjustment while diving. Technicians can now access the "micro adjustment" of the main spring even when the system is charged and without any special tool – just a plain flat blade screwdriver will work (see drawings). A new user-friendly +/- resistance "icon decal" has been added and is in all S600 model annual service kits.
2. A modified co-molded inlet tube has been matched to the new configuration control knob, (listed under point 1), and is compatible with older S600 models. See Fig. 2
3. The interior knob 'C' clip retainer has been modified for easier removal during annual service. See drawing.
4. The anti-set feature has been eliminated in favor of a simple, yet adjustable balance chamber, (with reversible adjustable sleeve). See Fig. 3
5. In the interest of a more user-friendly name, our venturi assist-acronym VIVA has been re-designated to DIVE/PREDIVE. A new MIN/PREDIVE & MAX/DIVE "icon decal" reinforces the features purpose.

If you have any additional questions, please contact:
SCUBAPRO UWATEC Technical Services
800/382-2211

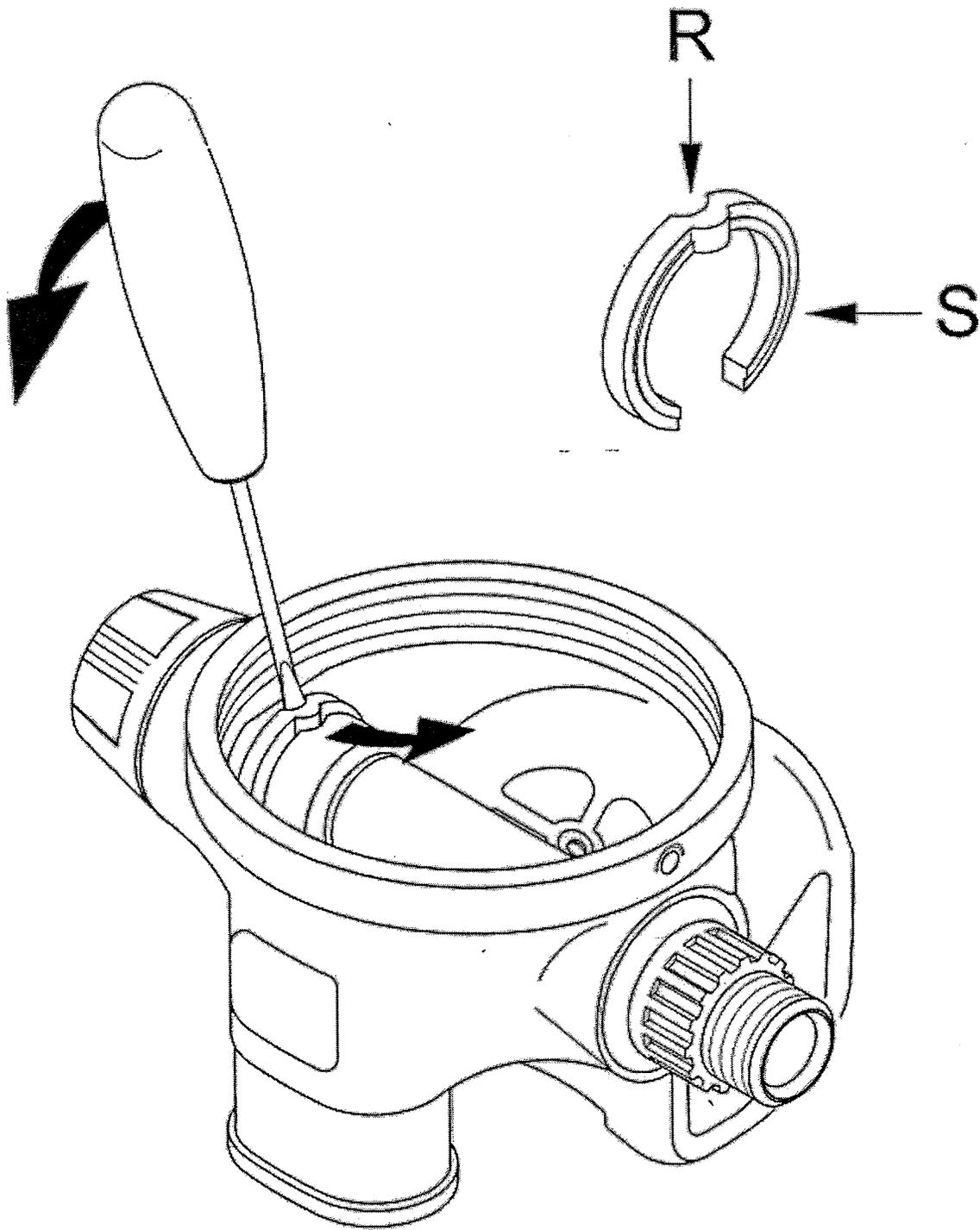


fig. 2

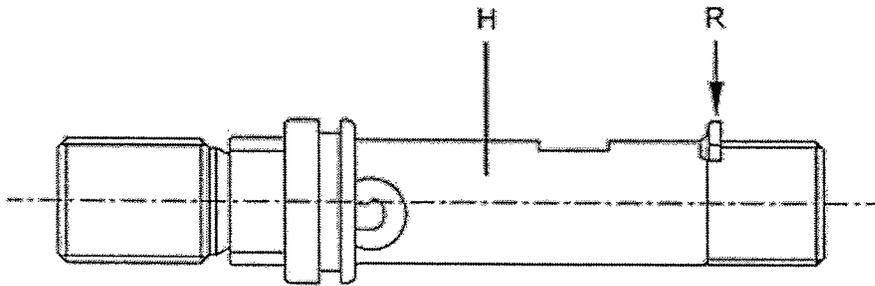
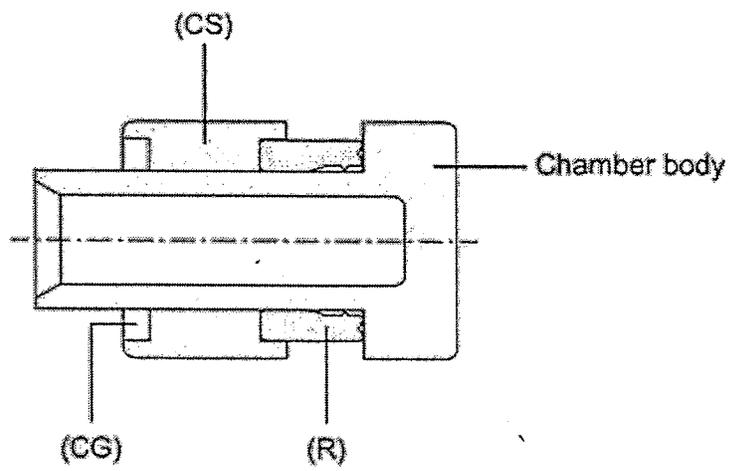


fig. 3



NEW KNOB (S600 and G250 HP)

ASSY (N. position in the schematic of S600)

DISMANTLING

