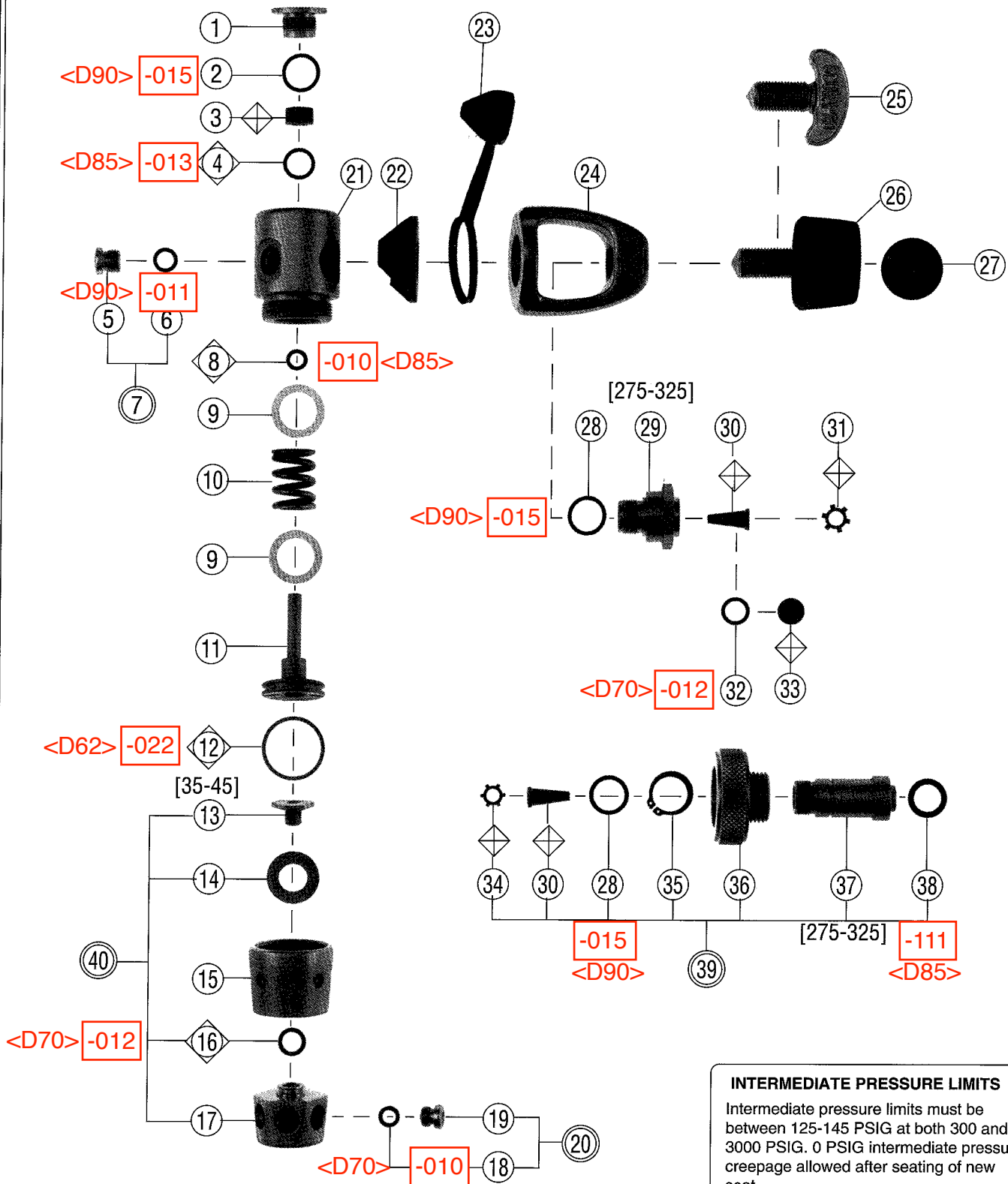


SCUBAPRO

Technical Service Schematic

MK 5 FIRST STAGE 10-105-000

Date 12/97 Revision V
Annual Repair Parts Kit #10-105-041



Technical Service Schematic

MK 5 FIRST STAGE 10-105-000

Date 12/97

Revision U

Annual Repair Parts Kit #10-105-041

Technical Information:

Item #25 note: This style yoke screw (9/16 thread) is an older configuration and is acceptable for 3000 psi service. The smaller thread size (3/8 and 7/16) yoke screws not shown are for older configuration MK5 yokes which are limited to 2475 psi service, and no longer available. These yokes and screws should be upgraded to the current configuration.

Special Engineering Notes:

Item #4, 01-050-147 o-ring can be installed with the aid of a 3/8" nut driver. To properly locate this o-ring, lightly lubricate it, then place it into the body and chase it with the end of the nut driver to fully seat it. Apply a light downward pressure using a rocking action. Remove the nut driver and inspect the o-ring position. It should be located completely into the recess.

Maximum of 3 washers #01-060-101 may be used to adjust intermediate pressure to specified limits.

Flow through piston designs will under some conditions make a whistling noise during flow. To alleviate , replace Item #3 HP seat, and heavily lubricate Item #8. 01-050-137 o-ring.

Item #13 note: This part has been changed from brass to stainless steel. Replace any brass parts with the stainless design. Brass can be identified by the slight greenish color if corroded, or by scratching the surface to reveal the brass color beneath the chrome plating.

Legend (prices subject to change without notice)

- Not Shown ◇ Dynamic O'Ring Replace Annually
 ○ Optional Item ◇ Annual Replacement
 ▲ Limited Warranty [] Torque In Inch Pounds
 □ Older Configuration * See Note