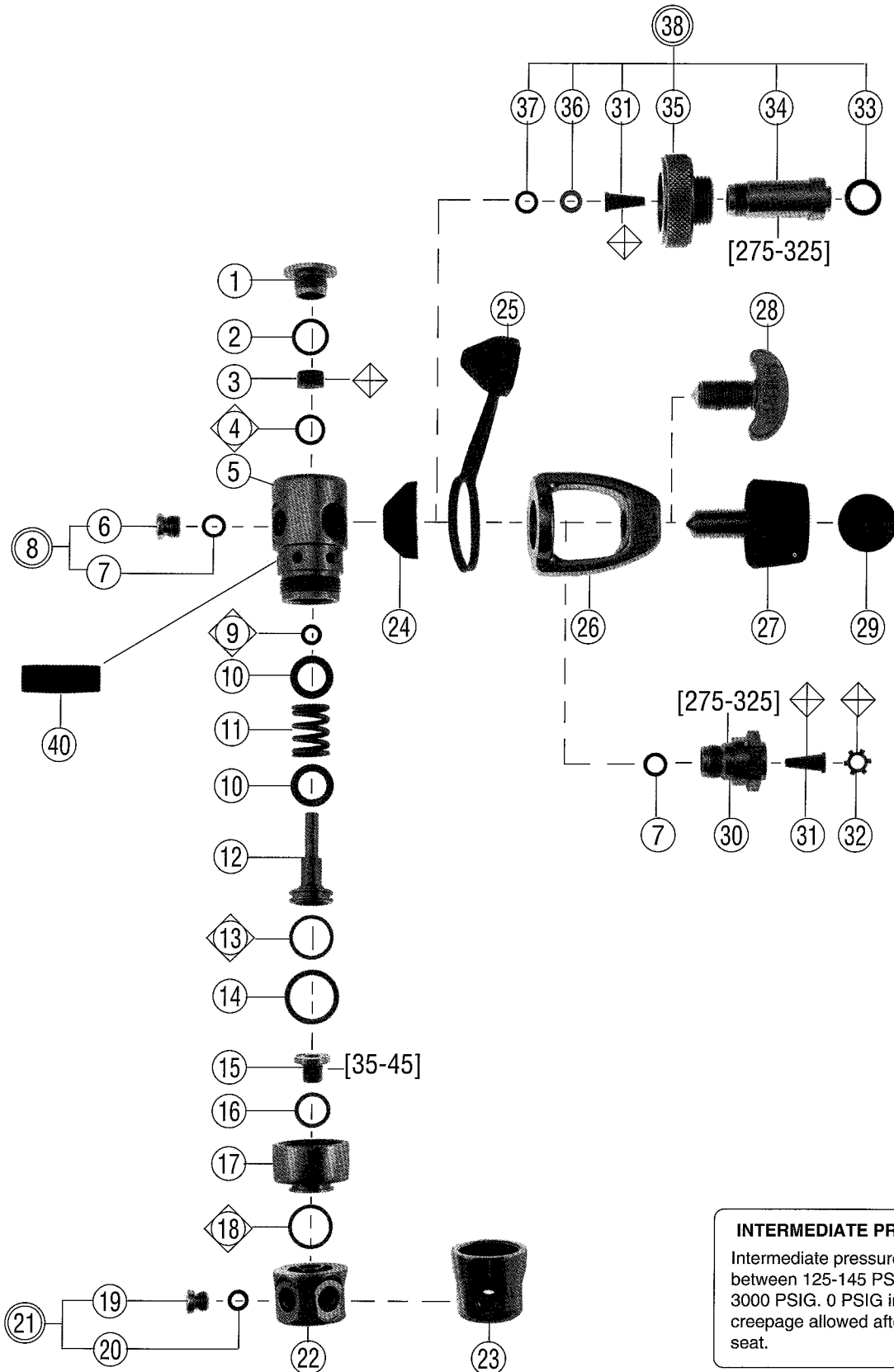


# SCUBAPRO

Technical Service Schematic

MK 10 FIRST STAGE #10-500-000  
MK 9 FIRST STAGE #10-400-000

Date 12/97      Revision C  
Annual Repair Parts Kit #10-500-041



### INTERMEDIATE PRESSURE LIMITS

Intermediate pressure limits must be between 125-145 PSIG at both 300 and 3000 PSIG. 0 PSIG intermediate pressure creepage allowed after seating of new seat.

# SCUBAPRO

Technical Service Schematic

**MK 10 FIRST STAGE #10-500-000**  
**MK 9 FIRST STAGE #10-400-000**

## Parts

Date 12/97      Revision E  
 Annual Repair Parts Kit #10-500-041

#	QTY	PART #	DESCRIPTION	COST
1	1	1	10-101-106 SEAT RETAINER	
2	1	1	01-050-157 O-RING, SEAT RETAINER, RED	
3	1	1	10-101-151 SEAT, HP, CAVE CONE	
*	4	1	01-050-147 O-RING, HP SEAT, PURPLE	
5	1	1	10-500-108 BODY, MK10, MK9	
6	2	2	10-101-139 HP PLUG, 7/16-20	
7	3	3	01-050-138 O-RING, HP PLUG, YOKE RTNR, BLUE	
8	2	2	10-101-039 HP PLUG, 7/16-20 WITH O-RING	
9	1	1	01-050-137 O-RING, PISTON SHAFT, AMBER	
*	10	3	01-060-101 WASHER	
11	1	1	01-020-217 SPRING	
12	1	1	10-500-003 PISTON	
13	1	1	01-050-162 O-RING, PISTON, LARGE, AMBER	
14	1	1	01-050-217 O-RING, CAP, BLUE	
15	1	0	10-500-103 SWIVEL RETAINER	
16	1	0	01-060-500 WASHER, SWIVEL	
17	1	0	10-500-101 CAP, SWIVEL	
18	1	0	01-050-161 O-RING, SWIVEL, BLUE	
19	4	4	10-101-104 LP PLUG, 3/8-24	
20	4	4	01-050-132 O-RING, LP PLUG, BLUE	
21	4	4	10-101-006 LP PLUG, 3/8-24 WITH O-RING	
22	1	0	10-500-102 SWIVEL, 5-PORT	
23	0	1	10-400-105 CAP, NON SWIVEL, 5-PORT	
24	1	1	10-400-103 SADDLE	
25	1	1	10-101-211 HP PROTECTOR	
26	1	1	10-101-131 YOKE, 9/16, POLISHED	
27	1	1	10-200-008 YOKE SCREW ASSY, 9/16	
28	1	1	10-101-132 YOKE SCREW, 9/16, (OLD STYLE)	
29	1	0	01-006-510 DECAL, MK10	
30	1	1	10-400-104 YOKE RETAINER	
31	1	1	01-028-109 FILTER, CONICAL	
32	1	1	01-073-101 FILTER RETAINER	
33	1	1	01-050-193 O-RING, DIN ADAPTER, BLACK	
34	1	1	10-400-107 RETAINER, DIN, 300 BAR	
35	1	1	10-105-118 KNOB, 300 BAR	
36	1	1	01-060-501 WASHER, DIN	
37	1	1	01-050-142 O-RING, DIN RETAINER, AMBER	
○	38	1	10-400-030 KIT, DIN, 300 BAR	
○	40	1	10-500-105 SPEC BOOT, MK10, MK9	
○	●	1	10-500-020 SPEC BOOT KIT W/SILICONE GREASE	
○	●	1	10-500-021 E.A.N., CONVERSION KIT (NITROX)	
		MK10 #10-500-000		
		MK9 #10-400-000		

### Technical Information:

### 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 #9, 01-050-137 o-ring.

### 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