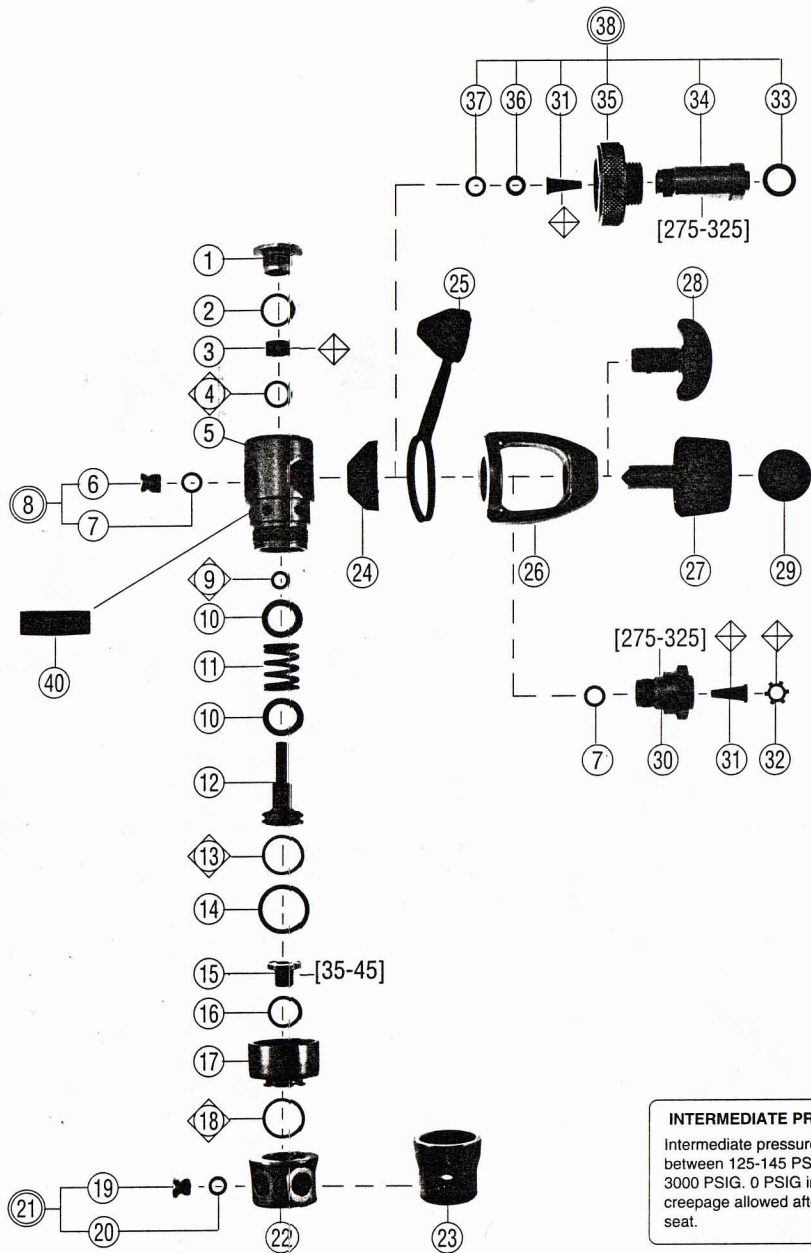


# SCUBAPRO

Technical Service Schematic

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

Revised 06/98  
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**

Revised 06/98  
Annual Repair Parts Kit #10-500-041

## Parts

#	Qty	Part #	Description
1	1	10-101-106	Seat Retainer
2	1	01-050-157	O-Ring, Red
3	1	*10-101-151	HP Seat
	*1	*10-101-159	HP Seat for Lower IP (-  )
	*1	*10-101-159	HP Seat for Higher IP (-   )
4	1	*01-050-147	O-Ring, Purple
5	1	10-500-108	Body
6	2	10-101-139	HP Plug, 7/16
7	2	01-050-138	O-Ring, Blue, HP Plugs
	1	01-050-138	O-Ring, Blue, Yoke Retainer
8	2	10-101-039	HP Plug 7/16 with O-Ring
9	1	01-050-137	O-Ring, Amber, Piston Shaft
	*1	*01-050-136	O-Ring, Black, Piston Shaft
10	1-3	01-060-101	Washer
11	1	01-020-217	Spring
12	1	10-500-003	Piston
13	1	01-050-162	O-Ring, Amber, Piston Head
	*1	*01-050-161	O-Ring, Black / Blue, Piston Head
14	1	01-050-217	O-Ring, Blue, Cap
15	1	10-500-104	Swivel Retainer, Stainless Steel
16	1	01-060-500	Washer, Swivel
17	1	10-500-101	Cap, Swivel
18	1	*01-050-161	O-Ring, Black / Blue, Swivel
19	1	10-101-104	LP Plug, 3/8
20	1	01-050-132	O-Ring, Blue, LP Plug
21	1	10-101-006	LP Plug with O-Ring
22	1	10-500-102	Swivel
23	1	10-400-105	N/A
24	1	10-400-103	Saddle
25	1	10-101-211	Inlet Protector
26	1	10-101-131	Yoke, Polished
27	1	10-200-008	Yoke Screw
28	1	10-101-132	N/A
29	1	01-006-510	Decal, Mk 10
30	1	10-400-104	Yoke Retainer
	*1	10-103-115	Yoke Retainer, Universal
31	1	*01-028-109	Filter, Conical
32	1	*01-073-101	Retainer, Filter
33	*1	01-050-193	O-Ring, Black, DIN
34	*1	10-400-107	Retainer, DIN, 300 Bar
35	*1	10-105-118	Knob, DIN 300Bar
36	*1	01-060-501	Washer, DIN
37	*1	01-050-142	O-Ring, DIN Retainer
38	*1	10-400-030	DIN Conversion Kit
40	1	10-500-105	SPEC Boot
*		10-500-021	Nitrox Conversion Kit (to 40%)

### 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

\* Annual Replacement  
\* - Alternate Configuration  
\* Not Shown