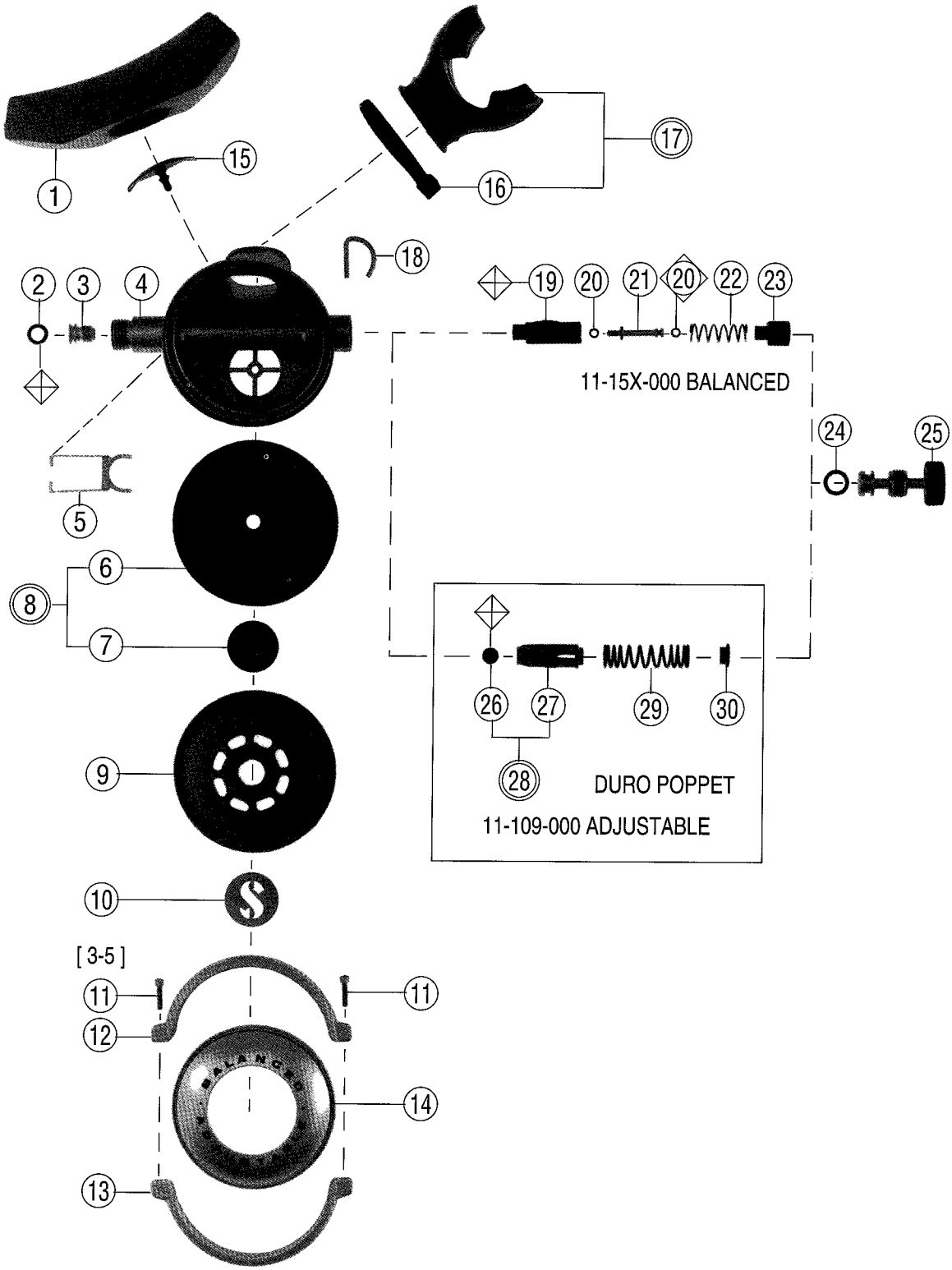
SCUBAPRO

Technical Service Schematic

BALANCED ADJUSTABLE #11-15X-000
ADJUSTABLE SECOND STAGE #11-109-000

Date 12/97 Revison R
Annual Repair Parts Kit #11-254-041
#11-200-041



SCUBAPRO

Technical Service Schematic

BALANCED ADJUSTABLE #11-15X-000
ADJUSTABLE SECOND STAGE #11-109-000

Date 12/97 Revison R
Annual Repair Parts Kit #11-254-041
#11-200-041

Parts

	#	QTY		PART #	DESCRIPTION	COST
	1	1	1	01-043-102	EXHAUST TEE, BLACK	
	2	1	1	01-050-293	O-RING, RED	
*	3	1	1	11-109-109	ORIFICE	
	4	1	1	11-109-002	CASE ASSEMBLY	
*	5	1	1	11-109-105	LEVER	
	6	1	1	11-109-124	DIAPHRAGM, BLACK	
	7	1	1	11-109-123	DISC, DIAPHRAGM	
	8	1	1	11-109-011	DIAPHRAGM ASSY	
	9	1	1	11-109-106	COVER, RUBBER	
	10	1	1	01-005-101	INSIGNIA PLATE	
	11	1	2	01-101-128	SCREW, SOCKET HEAD	
	12	1	1	11-108-110	CLAMP, UNTHREADED	
	13	1	1	11-108-109	CLAMP, THREADED	
	14	1	0	11-150-105	COVER RING, BALANCED	
	●	0	1	11-108-108	COVER RING	
	15	1	1	11-109-128	EXHAUST VALVE	
▲	16	1	1	01-088-101	STRAP, MOUTHPIECE, BLACK	
		1	1	01-088-107	STRAP, MOUTHPIECE, CRYSTAL	
▲	17	1	1	01-040-010	MOUTHPIECE, BLACK	
		1	1	01-040-006	MOUTHPIECE, CRYSTAL	
	18	1	1	11-109-121	RETAINING CLIP	
	19	1	0	11-150-003	POPPET ASSY, BALANCED	
	20	2	0	01-050-399	O-RING, POPPET STEM, BLACK	
	21	1	0	11-150-103	STEM, POPPET	
	22	1	0	01-020-216	SPRING, BALANCED POPPET	
	23	1	0	11-150-102	BALANCED CHAMBER	
	24	1	1	01-050-138	O-RING, ADJUSTMENT KNOB, BLUE	
*	25	1	1	11-250-009	KNOB, ADJUSTMENT	
	26	1	0	11-108-101	SEAT	
	27	1	0	11-200-105	DURO POPPET	
	28	1	0	11-200-014	DURO POPPET ASSY	
	29	1	0	01-020-109	SPRING	
	30	0	1	11-109-104	SPRING PAD	
	31	0	1	11-200-020	G200 TO G200B BALANCE KIT	
		11-15X-000 BALANCED ADJUSTABLE	11-109-000 ADJUSTABLE			

Technical Information:

The Annual Repair Parts Kit may contain o-rings used in the hose assembly. Refer to the separate hose schematic for identification.

Reference Item #6: The molded part number imprinted on the rubber diaphragm is 11-109-124.

Special Engineering Notes:

Prior to installing the poppet, the orifice item #3 should be backed away from the poppet to avoid damage to the poppet seat.

To install the poppet, install the lever first into the slotted holes of the case assembly Item #4. Hold the case upright and drop the poppet into the tube, so the tabs that project from the poppet are facing towards the mouthpiece. These tabs must engage into the legs of the lever to lift the poppet when the lever is depressed.

Lubricate all threads with silicone grease, especially those of the adjustment knob Item #25 to reduce long term corrosion and provide easier disassembly at the next service interval.

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