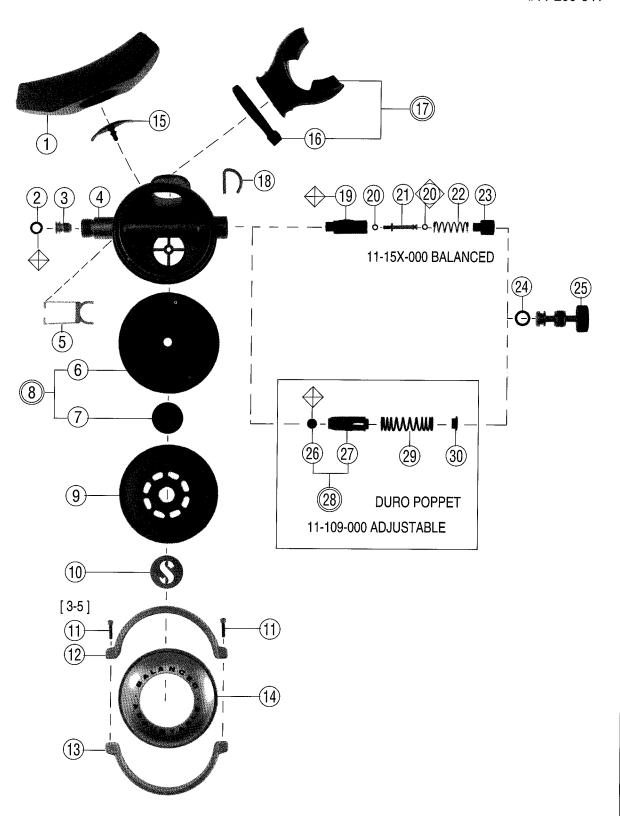
# SCUBAPRO

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

#### **Parts**

	_					
	# QTY PA		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		
	12	1	1	11-108-110		
	13	1	1	11-108-109		
	14	1	0	11-150-105		
	•	0	1	11-108-108	,	
	15	1	-		EXHAUST VALVE	†
•	16	1	+-	01-088-101		
_	"	1	1	01-088-107	STRAP, MOUTHPIECE, CRYSTAL	
•	17	1	-	01-040-010		-
_	''	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	+	01-050-399	O-RING, POPPET STEM, BLACK	
	21	1	0	11-150-103		<b> </b>
	22	1	0		STEM, POPPET	
	23	1	0	01-020-216	SPRING, BALANCED POPPET	
	24	_	-	11-150-102	BALANCED CHAMBER	
44.	-	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	<del></del>	DURO POPPET	1
	28	1	0		DURO POPPET ASSY	+
	29	1	0	01-020-109	SPRING	-
	30	0	1		SPRING PAD	-
	31	0	1	11-200-020	G200 TO G200B BALANCE KIT	
		ADJUSTABLE	11-109-000 ADJUSTABLE			
		11-15X-000 BALANCED ADJUSTABI	11-109-000			

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

#### 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	subje	ct to ch	ange	without notice	э)
Not Shown	$\Diamond$	Dyna	amic O'F	Ring R	eplace Annua	lly
O Optional Item	$\bigoplus$	Ann	ual Repla	aceme	ent	
▲ Limited War	ranty	[	] Torqu	ue In	Inch Pounds	
☐ Older Confi	nuration	,	sk Soo I	Vote		