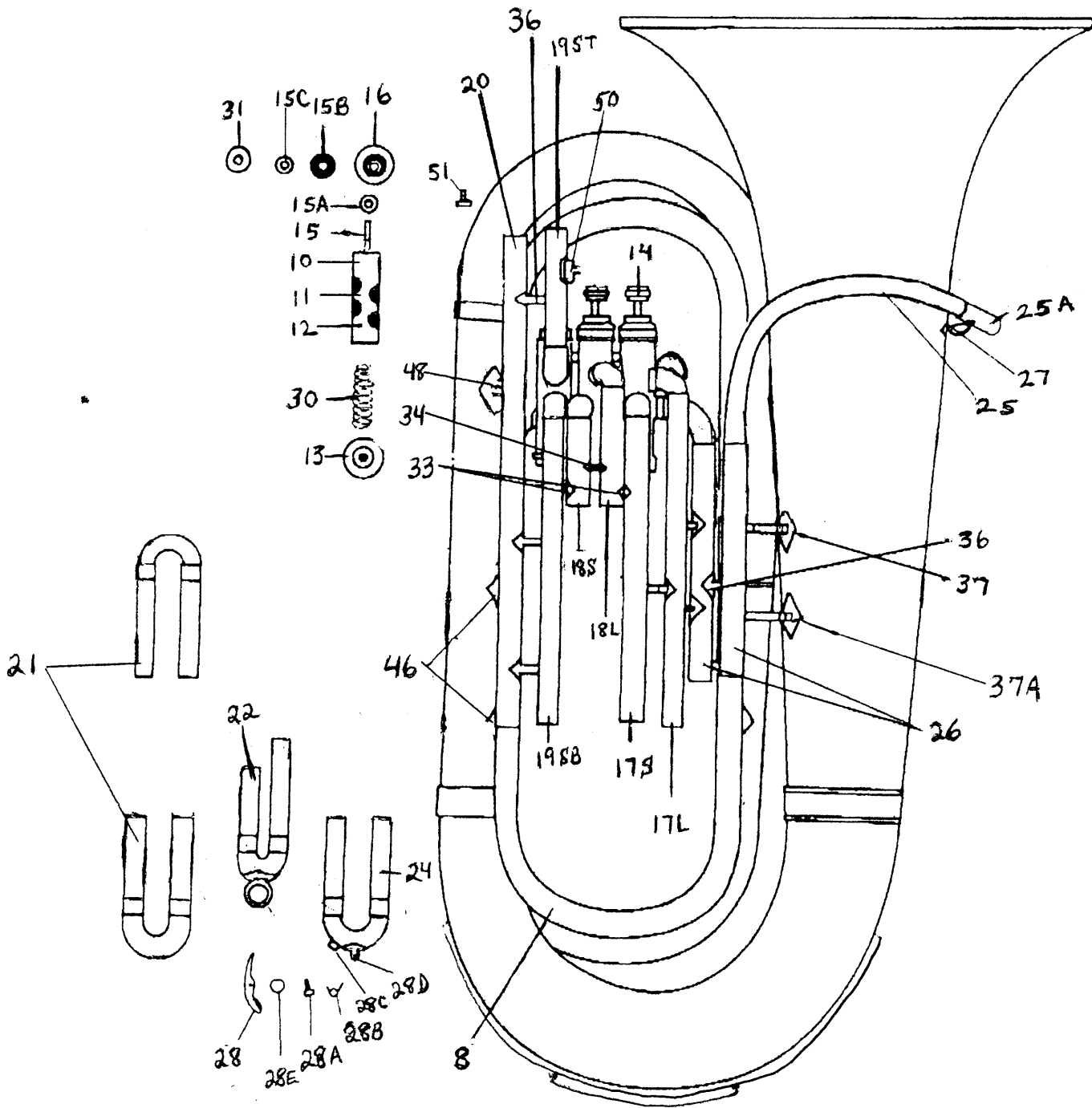


TE 3812 BB⁺ 3/4 TUBA (formerly V&E)

Diagram #1 front view



Parts List Tuba Exchange TE3812 Tuba

Diag. #	Part #	Description
1	3812-1	Bell
1	3812-2	Bottom Bow
1	3812-3	Bow Guard
1	3812-3A	Bow Guard Wire
1	3812-4	First Branch, (Straight)
1	3812-5	Second Branch (Top Bow)
1	3812-6	Third Branch
1	3812-7	Fourth Branch
1	3812-8	Fifth Branch
1	3812-9	Valve Cluster, Special Order.
3	3812-10	First Piston
3	3812-11	Second Piston
3	3812-12	Third Piston
3	3812-13	Bottom Valve Cap
3	3812-14	Valve Button
3	3812-15	Valve Stem
3	3812-15A	Valve Stem Felt
3	3812-15B	Metal Valve Guide Washer
3	3812-15C	Plastic Valve Guide
3	3812-16	Top Valve Cap
1	3812-17L	Outer First Slide Tube, Long
1	3812-17S	Outer First Slide Tube, Short
1	3812-18L	Outer Second Slide Tube, Long
1	3812-18S	Outer Second Slide Tube, Short
1	3812-19ST	Outer Third Slide Tube, Short, Top
1	3812-19SB	Outer Third Slide Tube Short, Bottom
1	3812-20	Outer Third Slide Tube, Long
3	3812-21	First Slide, complete, also 3rd upper & lower
3	3812-22	Second Slide, complete, w/ Pull Ring
3	3812-24	Main Tuning Slide, w/o Water Key
1	3812-25	Mouthpipe
1	3812-25A	Mouthpiece Receiver
1	3812-26	Main Tuning Slide Outer Tube
1	3812-27	Lead Pipe to Bell Brace
3	3812-28	Water Key
1	3812-28A	Water Key Screw
1	3812-28B	Water Key Spring
1	3812-28C	Water Key Nipple
1	3812-28D	Water Key Saddle
1	3812-28E	Water Key Cork
1	3812-29	Thumb Ring
3	3812-30	Valve Spring, all valves
3	3812-31	Neoprene Valve Cap Washer
2	3812-32	Rectangular Strap Ring, Bottom Bow
2	3812-32A	Rectangular Strap Ring, Bell
1	3812-33	Small One Piece Brace between slide tubes
1	3812-34	1 Piece Brace between second slide tubes

Parts List Tuba Exchange TE3812 Tuba

Diag. #	Part #	Description
1	3812-35	1 piece Brace, main t. sl to 1st slide
1	3812-36	1 piece Brace, bet 1st, 3rd, & M. t. sl. Tube
1	3812-37	1 piece Brace, L.P. side of M. T.Sl. to bell Upr
1	3812-37A	1 Piece Brace, L.P. side of M. T. Sl. to bell Lwr
1	3812-38A	Socket, bell side, Main t. sl. to bell
1	3812-38B	Brace rod, Main t. sl. To bell
1	3812-38C	Socket, tuning slide side, Main t. sl. to bell
1	3812-39	Ferrule, Bell to Bottom Bow
1	3812-40	Ferrule, Bottom Bow to 1st Branch
1	3812-41	Ferrule, 1st Branch to 2nd Branch (Top Bow)
2	3812-42	Ferrule, 2nd to 3rd Branch
2	3812-43	Ferrule, 3rd to 4th Branch
2	3812-44	Ferrule, 4th to 5th Branch
2	3812-45	Brace, Bell to 2nd Branch, (not pictured)
2	3812-46	Brace, Small one piece, connects branches
	3812-46A	Brace , 5th Branch to 1st br. (not pictured)
	3812-47	Ferrule, 5th Brnch to 3rd vlve knckl (not pct
1	3812-48	Brace, 1 piece, Long 3rd Sl. Tube to 1st Br.
1	3812-49	Brace, 1 piece, Long 3rd Sl. Tube to 5th Br.
1	3812-50	Lyre Holder
1	3812-51	Lyre Holder Screw