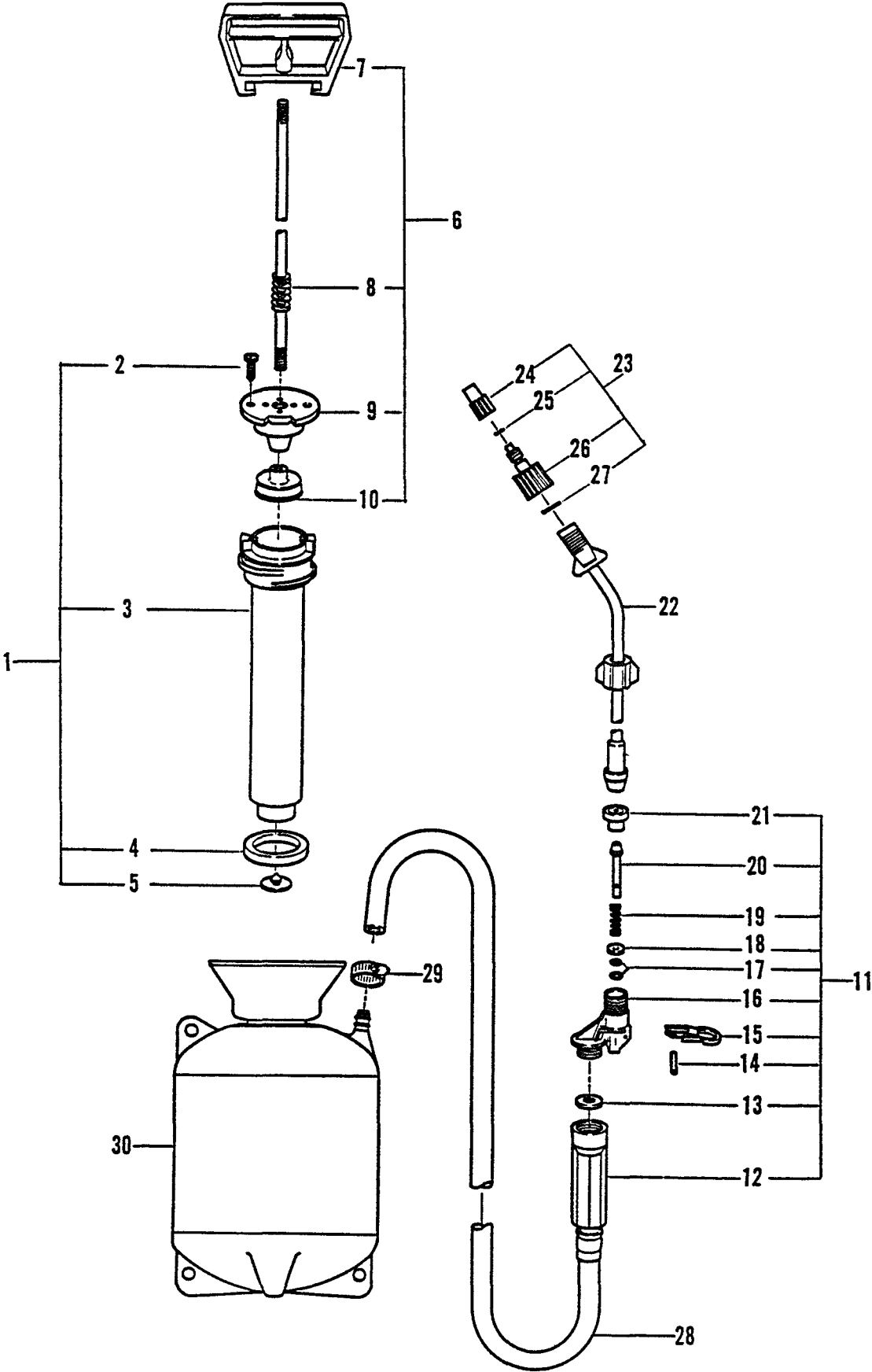




**SPRAYERS
PARTS CATALOG
MODEL MS-2
MODEL MS-3
ALL UNITS**

**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

**999222 01997
02/92**



KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	23109 61400	1	PUMP ASY	INCLUDES ITEMS 2 - 6
2	23100 10000	2	SCREW	
3	23100 30000	1	CYLINDER, PUMP	
4	23100 40000	1	GASKET, PUMP	INCLUDED IN STD REPAIR KIT
-	23100 42200	1	GASKET, PUMP, VITON	INCLUDED IN OPT REPAIR KIT
5	23101 50000	1	DIAPHRAGM, VALVE	INCLUDES ITEMS 7 - 10
6	23109 61401	1	HANDLE AND PISTON ASY	
7	23102 80000	1	HANDLE, PUMP	
8	23100 50000	1	SPRING	INCLUDED IN STD & OPT REPAIR KIT
9	23100 20000	1	COVER, CYLINDER	
10	23101 81401	1	PISTON ASY	
11	23105 50100	1	VALVE ASY, SHUT-OFF	INCLUDES ITEMS 12 - 21 WHEN ORDERED SEPARATELY, INCLUDES HOSE, ITEM 28 NOT USED WHEN OPT. FILTER IS INSTALLED
12	999441 00160	1	HANDLE	
13	23103 51600	1	WASHER	
14	NSS	1	PIN	ORDER ITEM 12
15	NSS	1	TRIGGER	USE ITEM 12
16	999441 00170	1	VALVE	INCLUDES ITEMS 14, 15, 17 - 20
17	23105 20000	2	O-RING	INCLUDED IN STD REPAIR KIT
-	23105 22200	2	O-RING	INCLUDED IN OPT REPAIR KIT
18	NSS	1	WASHER	ORDER ITEM 12
19	NSS	1	SPRING	ORDER ITEM 12
20	NSS	1	SPINDLE	ORDER ITEM 12
21	23105 00000	1	SEAT, VALVE	INCLUDES ITEMS 24 - 26 INCLUDES ITEMS 24 - 27 USE ITEM 23
22	999441 00130	1	EXTENSION, 16" STD (BRASS)	
23	999441 00150	1	NOZZLE (PLASTIC) STD	
-	999441 00250	1	NOZZLE (BRASS) OPT	INCLUDED IN STD REPAIR KIT INCLUDED IN OPT REPAIR KIT USE ITEM 23
24	NSS	1	CAP, PLASTIC	
-	23109 50000	1	CAP, BRASS	
25	23109 20000	1	O-RING	INCLUDED IN STD REPAIR KIT
-	23109 22200	1	O-RING, VITON	INCLUDED IN OPT REPAIR KIT
26	NSS	1	BODY	USE ITEM 23
27	23108 90000	1	O-RING	INCLUDED IN STD REPAIR KIT
-	23108 92200	1	O-RING, VITON	INCLUDED IN OPT REPAIR KIT
28	23614 60000	1	HOSE, 39"	
29	23600 90000	1	CLAMP, HOSE	
30	NSS	1	TANK	
-	999441 00280	1	REPAIR KIT, STD	INCLUDES ALL STD SEALS
-	999441 00270	1	REPAIR KIT, OPT	INCLUDES VITON EQUIVALENT OF ALL STD RUBBER SEALS

OPTIONAL ACCESSORIES

999441 00180	FILTER	] REFER TO LITERATURE FOR ILLUSTRATION AND SPECIFIC APPLICATION
999441 00260	NOZZLE, FAN SPRAY	
999441 00140	STRAP, PADDED	
999441 00120	REGULATOR, PRESSURE	
999441 00050	6" TWIN NOZZLE HOLDER	
999441 00060	11" TWIN NOZZLE HOLDER	
999441 00070	NOZZLE, DUAL SWIVEL	
999441 00080	WEED SHIELD	
999441 00090	26" SPRAY BOOM	