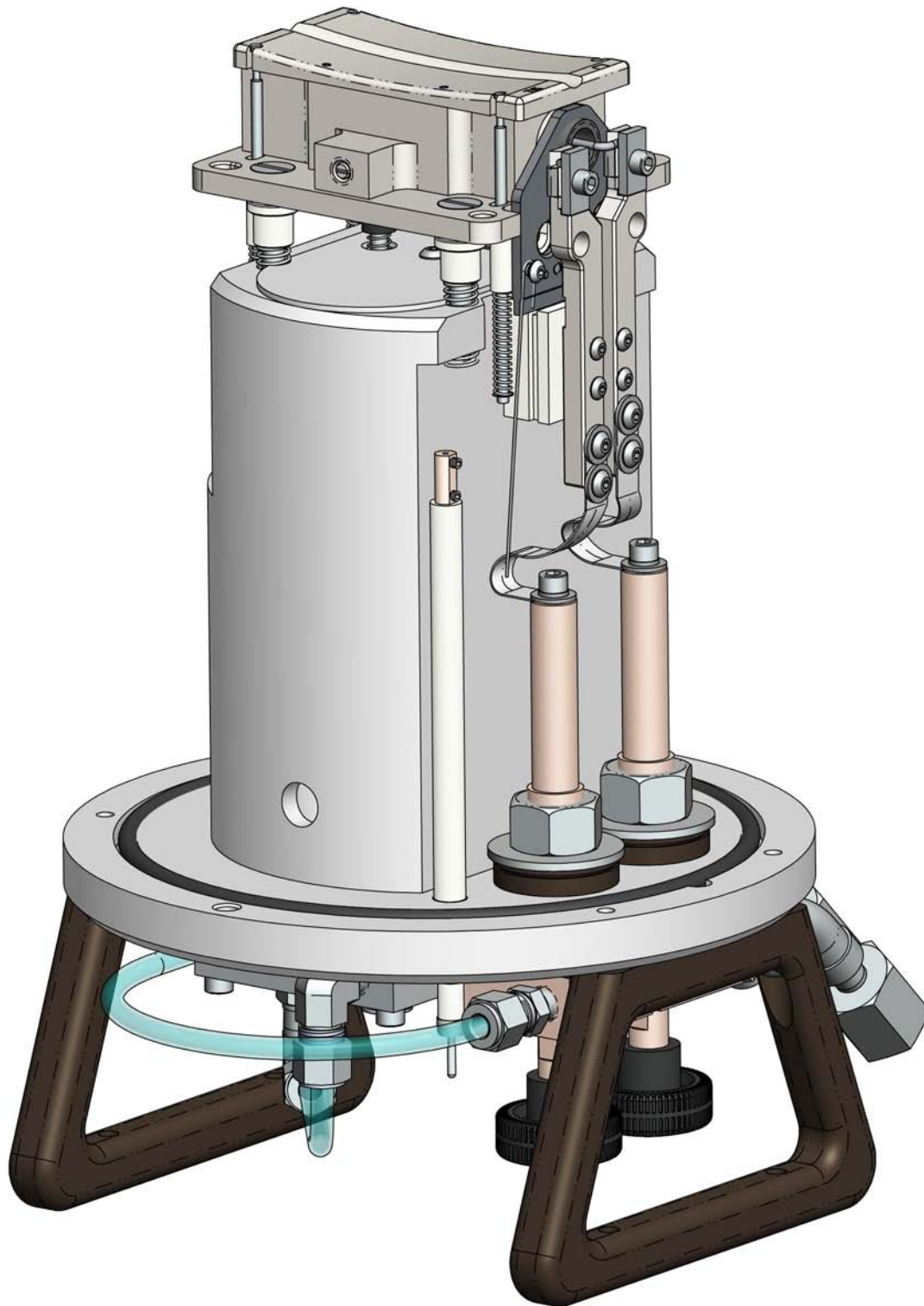
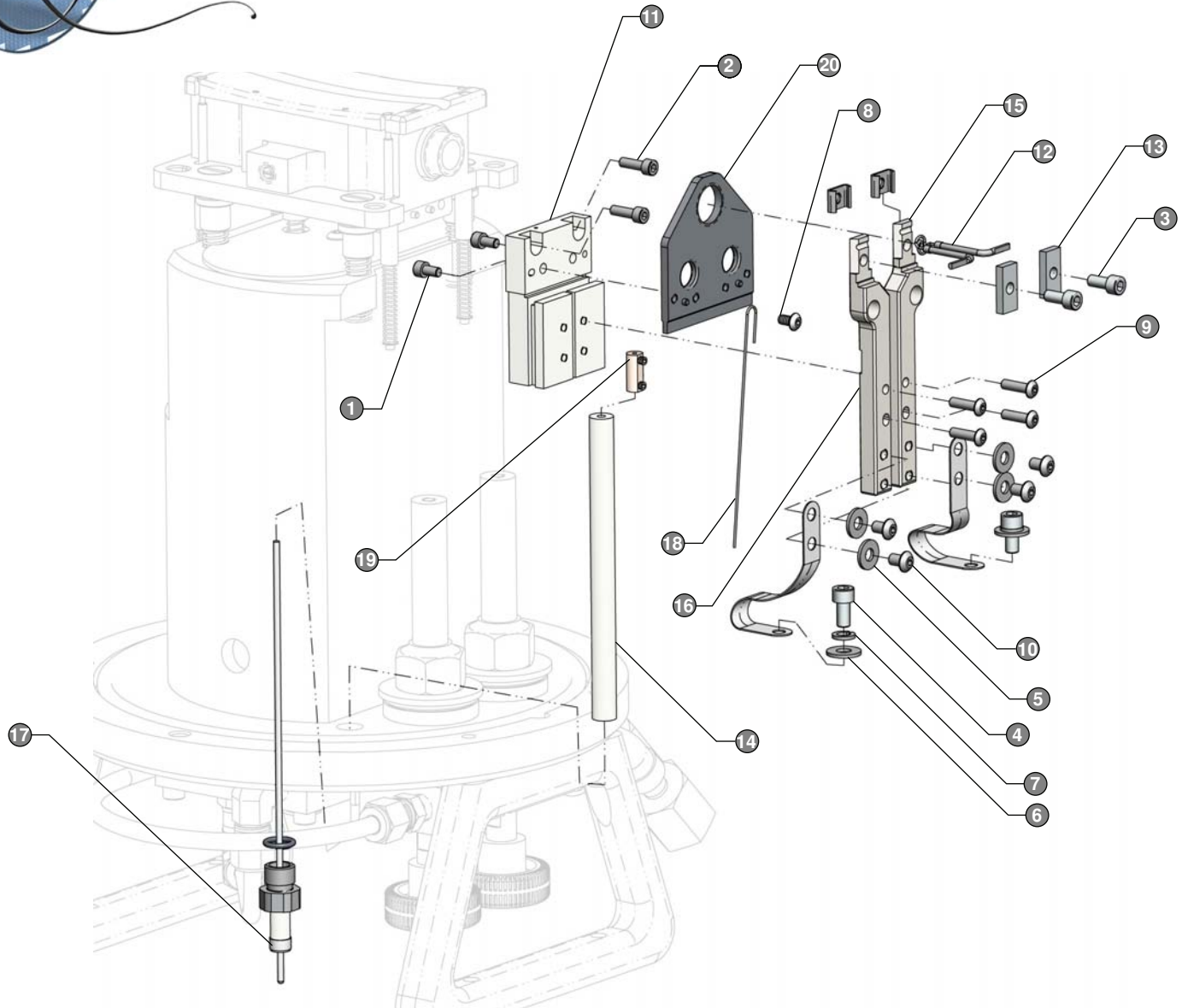




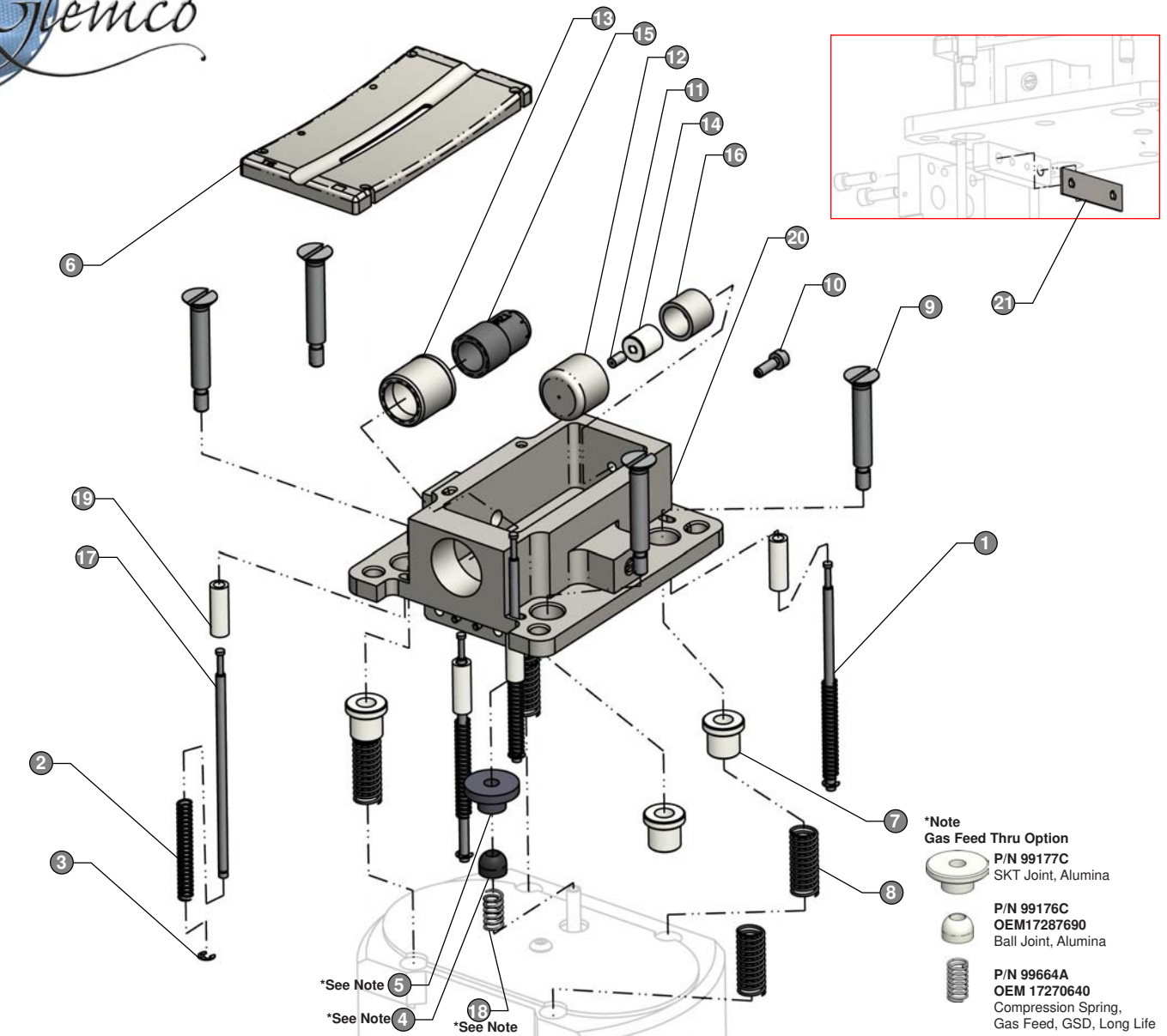
A Resource for Semiconductor Manufacturers

**Illustrated Parts Guide for Extended Life Source
GSD Implanters
P/N 99420 OEM 1068990**

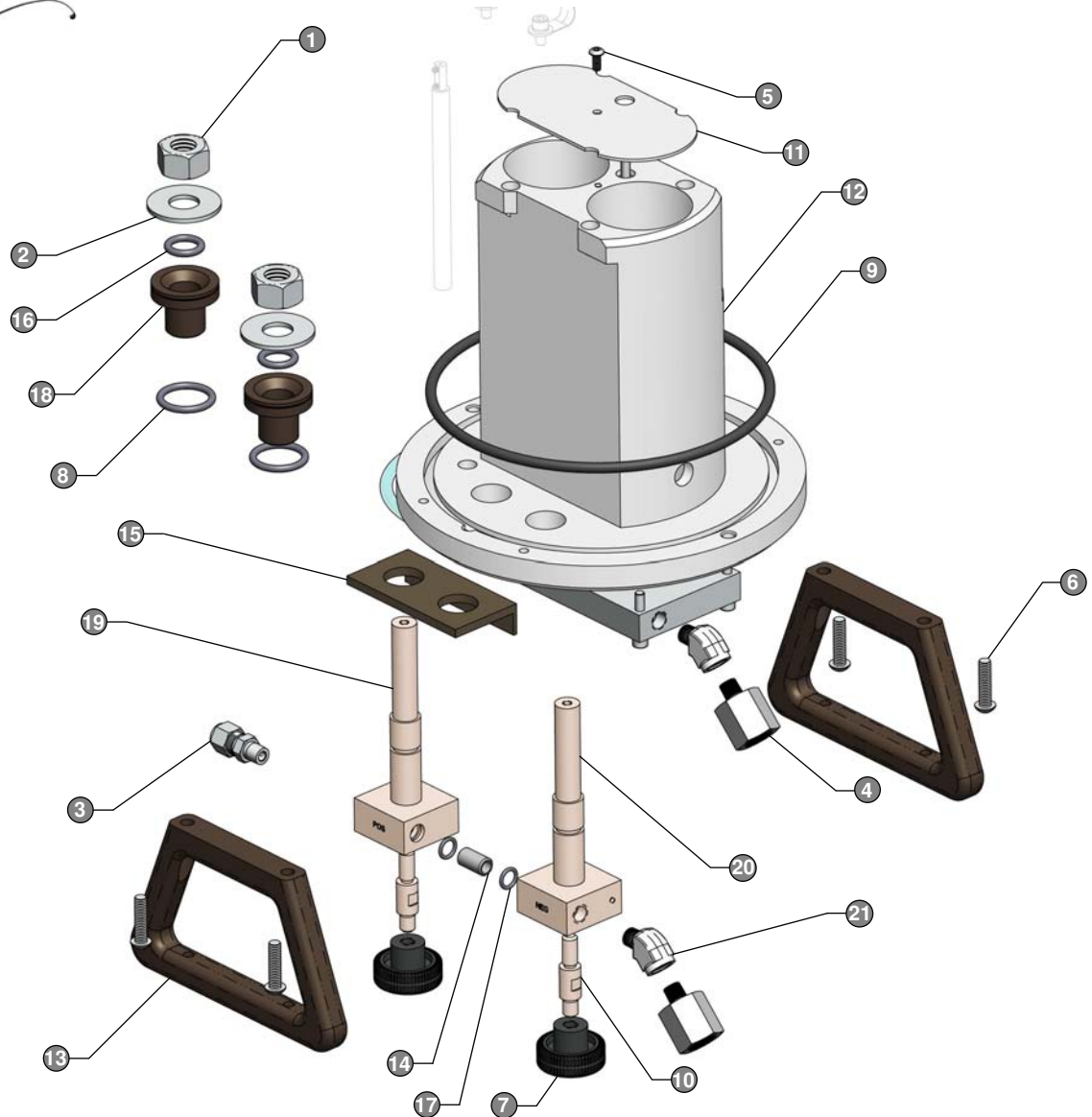




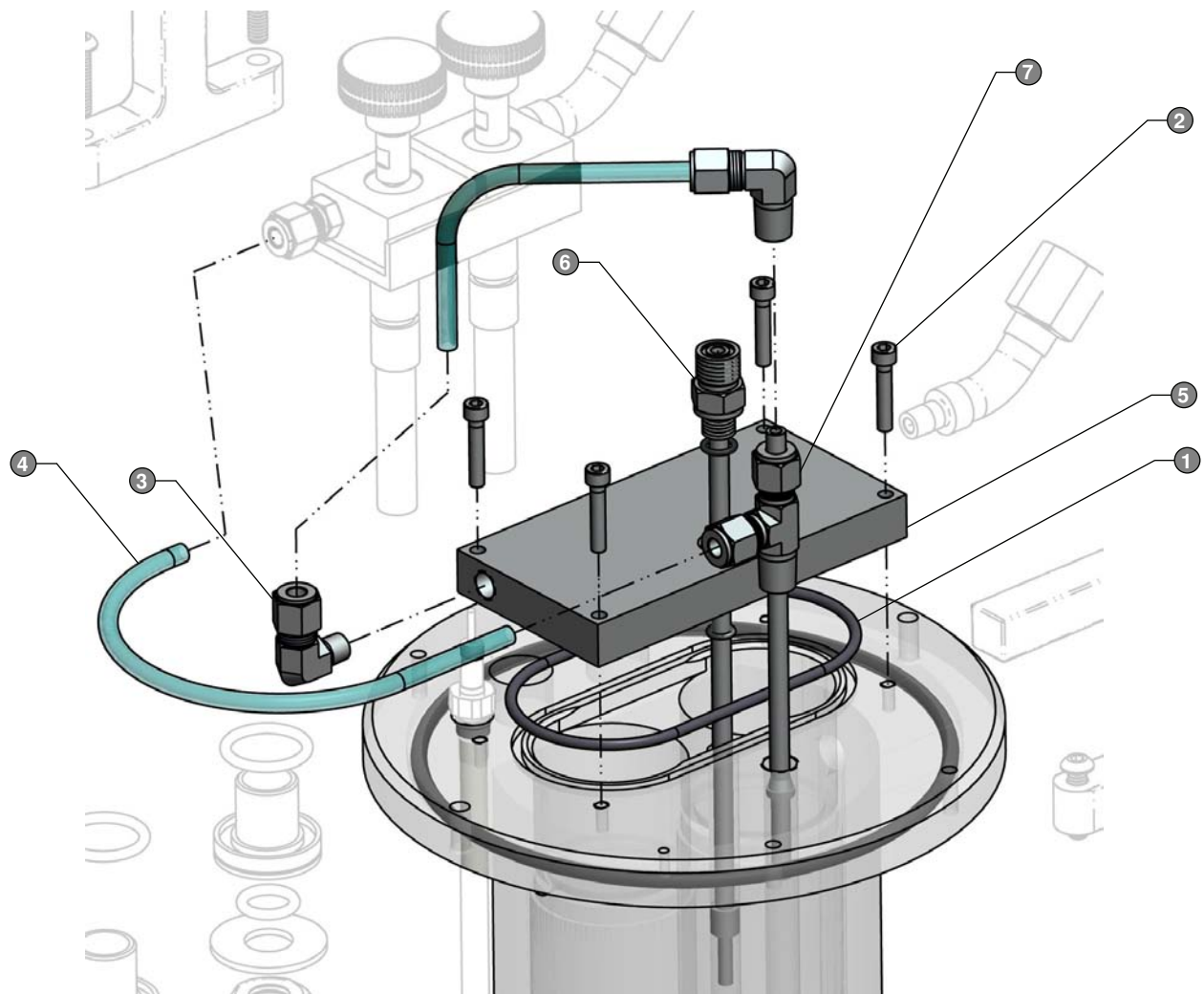
Item	P/N	Description	OEM	QTY
1	82412	SHCS 6-32 X 1/4" SST 18-8	6973-0002-6202	2
2	82414	SHCS 6-32 X 7/16" SST	4400044	2
3	82426	SHCS 8/32 x 3/8 SST	6973-0002-7203	2
4	82439	SHCS 10-32 X 3/8" SST	E47000047	2
5	82474	No. 8 Flat Washer, Standard, 18-8 SST	4400498	4
6	82478	No. 10 Washer Standard 18-8 SST	4400007	4
7	82608	No. 10 Lock Washer Regular Spring	4400041	2
8	82625	BHSS 6-32 X 1/4" SST	4400008	1
9	82629	BHSS 6-32 X 1/2" SST	4400431	4
10	82630	BHSS 8-32 X 1/4" SST	4400735	4
11	99401	Insulator Block	17133270	1
12	99411	GSD ELS Filament	17121950	1
13	99417	Spacer	17133290	2
14	99422	Insulator, Cathode Feed-Thru	17147310	1
15	99424	GSD ELS Filament Support, Right	17192210 Rev A	1
16	99425	GSD ELS Filament Support, Left	17192211 Rev A	1
17	99426	Feed-Thru Cathode	1910710	1
18	99428	Cathode Wire	17156990	1
19	99445A	Feed-Thru / Cathode Wire Connector	5101679	1
20	99410G	Cathode Support Plate	17189150	1



Item	P/N	Description	OEM	QTY
1	99014	Retainer Pin Assembly	1200080	4
2	99035	Retainer Pin Spring	4000059	4
3	99048	Retaining Ring	4300037	4
4	99176	Ball Joint, Graphite	17021591	1
5	99177	Skt Joint	17033150	1
6	99290	Face Plate, Molybdenum	17128110	1
7	99292	Shoulder Screw Spacer	17128230	4
8	99293	Shoulder Screw Spring	4001166	4
9	99338	Arc Chamber Mounting Screw	17127640	4
10	99403	Repeller Screw	17121770	1
11	99405	Repeller Set Screw	17121760	1
12	99406	Repeller, Molybdenum	17121740	1
13	99409	Cathode Repeller, Molybdenum	17121930	1
14	99412	Repeller Insulator	17121850	1
15	99413	GSD ELS Cathode, Arc Wire, TZM w/ 4.6mm Tungsten Button	17142890	1
16	99415	Inner Cup Shield, Molybdenum	17121750	1
17	99014-1	Retainer Pin	No Reference	4
18	99172A	Compression Spring, Inconel	17033140	1
19	99285A	Spacer, Alumina	17124410	4
20	99286B	Arc Chamber, ELS Standard, Molybdenum	17133400	1
21	99404A	Screw Retainer, No Slots	17189140	1



Item	P/N	Description	OEM	QTY
1	82337	Nut 5/8-11 Hex STNLS 316-AISI	4400006	2
2	82491	Washer Filament Feed-Thru, SST	1700250	2
3	82527	Fitting, Connector, 1/4", 1/8" Male NPT, 316, SST	3400064	1
4	82538	Fitting, Reducing Adapter, 3/8" To 1/8", 316, SST	5872-0006-0001	2
5	82631	8-32 X 3/8" Button Head Socket Screw, SST	4400183	1
6	82655	BHSS 1/4"-20 X 1" SST	4500263	4
7	82708	Knob, Plastic Fluted Hand Knob	400861	2
8	83114	O-Ring -214 Buna N	No Reference	2
9	83264	O-Ring 364 Buna-N	3500028	1
10	99120	Threaded Stud	1700220	2
11	99252	Vaporizer Exit Shield	No Reference	1
12	99277	Source Body W/ Vaporizer Ports	17174120	1
13	99326A	Source Handle	17036660	1
14	99327	Feed-Thru Connector	17033010	1
15	99418	Insulator	17127840	1
16	82207V	O-Ring -208, Viton®	3500072	1
17	82912V	O-Ring-012, Viton®	E3500068	2
18	99324A	Feed-Thru Insulator, Long Vespel	17127830	2
19	99329-1	Positive Feed-Thru	No Reference	1
20	99330-1	Negative Feed-Thru	No Reference	1
21	8A130	Street Elbow, 45° 1/8 NPTF X 1/8 NPTM, SS	No Reference	2



Item	P/N	Description	OEM	QTY
1	82217	O-Ring, -241, Silicone	No Reference	1
2	82442	SHCS 10-32 X 1 SST	4400022	4
3	82528	Fitting, Male Elbow, 1/4" Tube, 1/8 NPT, 316, SST	3400501	1
4	82751	Tube 1/4"OD X .040 Wall LDPE Yellow	7500007	As Needed
5	99251	Vaporizer Blankoff Plate	No Reference	1
6	99333	Gas Feed Tube Assembly	17032980	1
7	99335	Cooling Tube Assembly	1200850	1