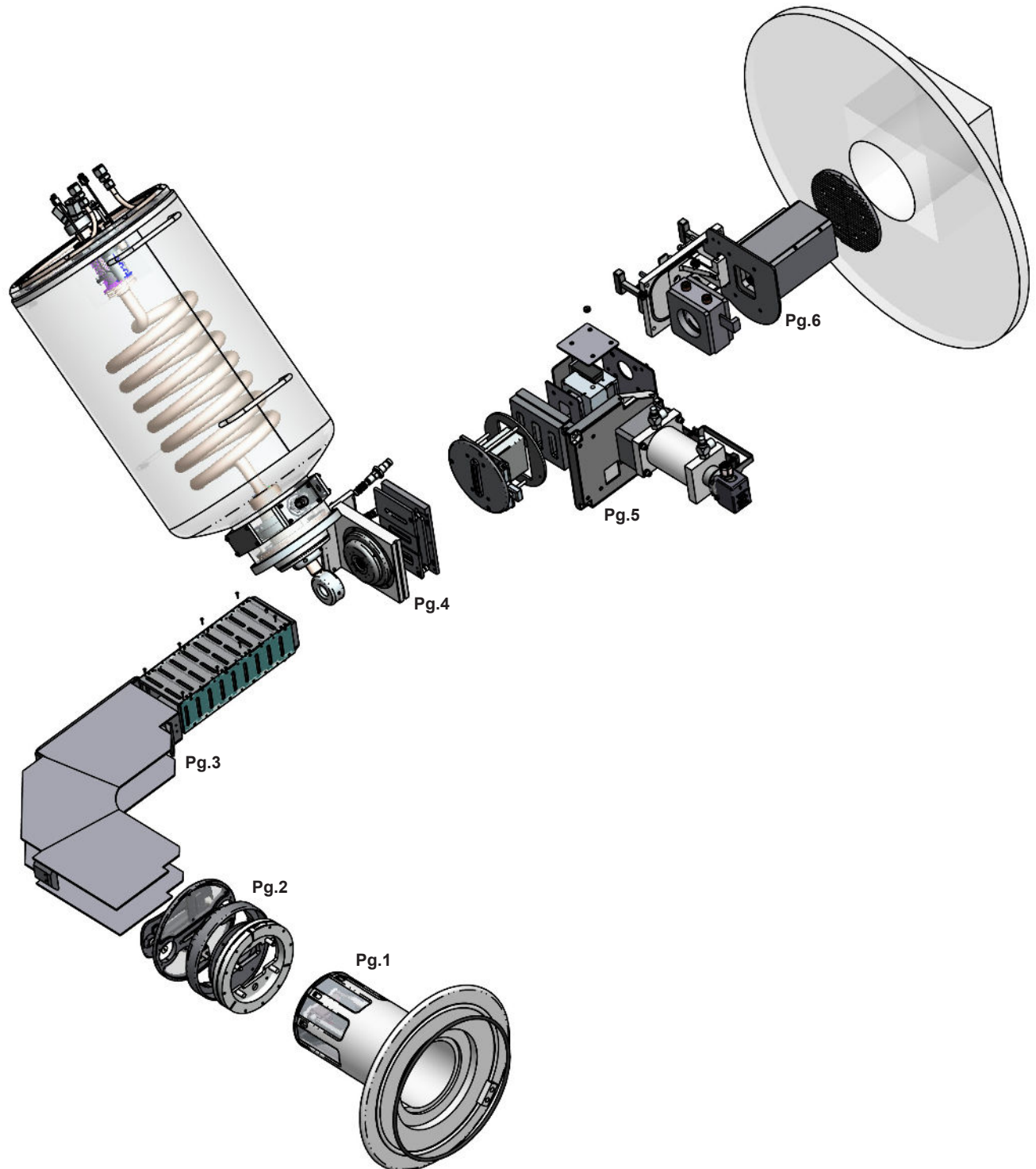
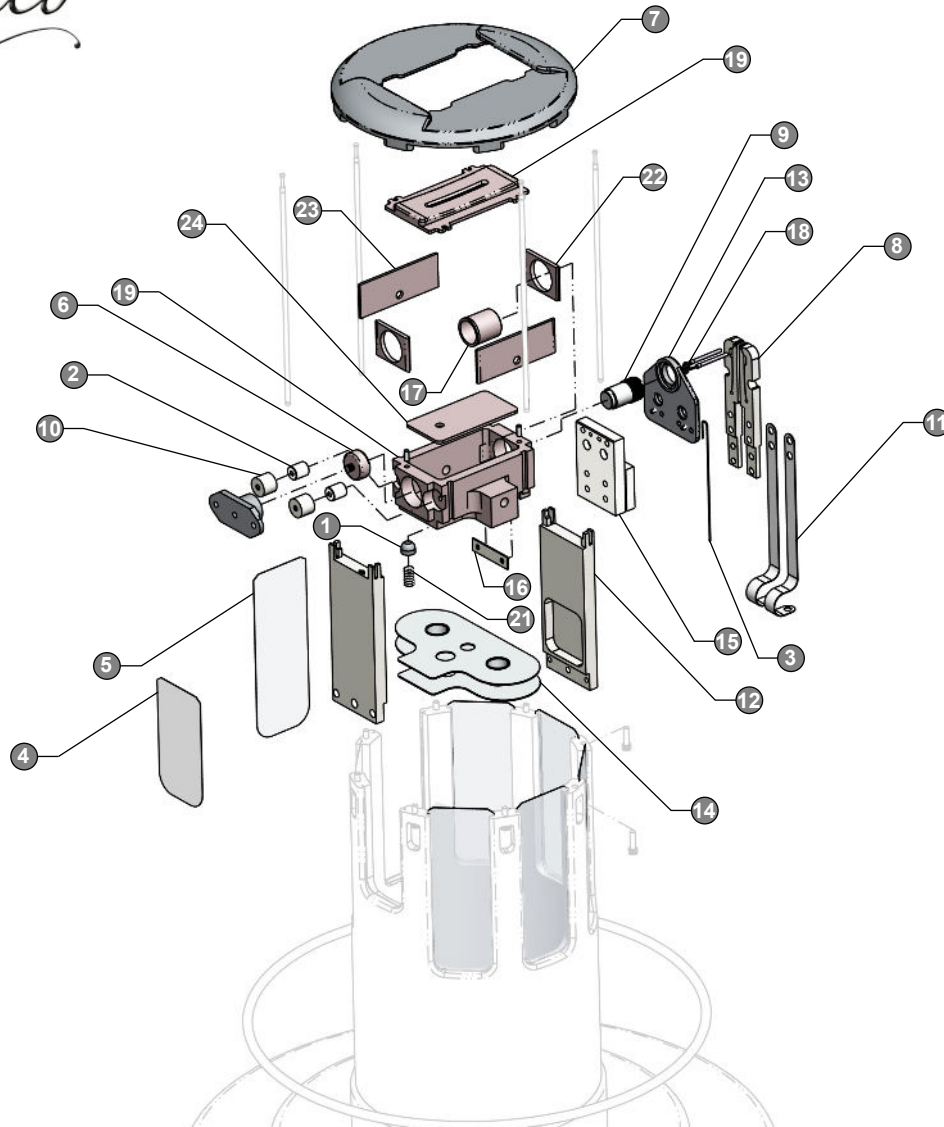
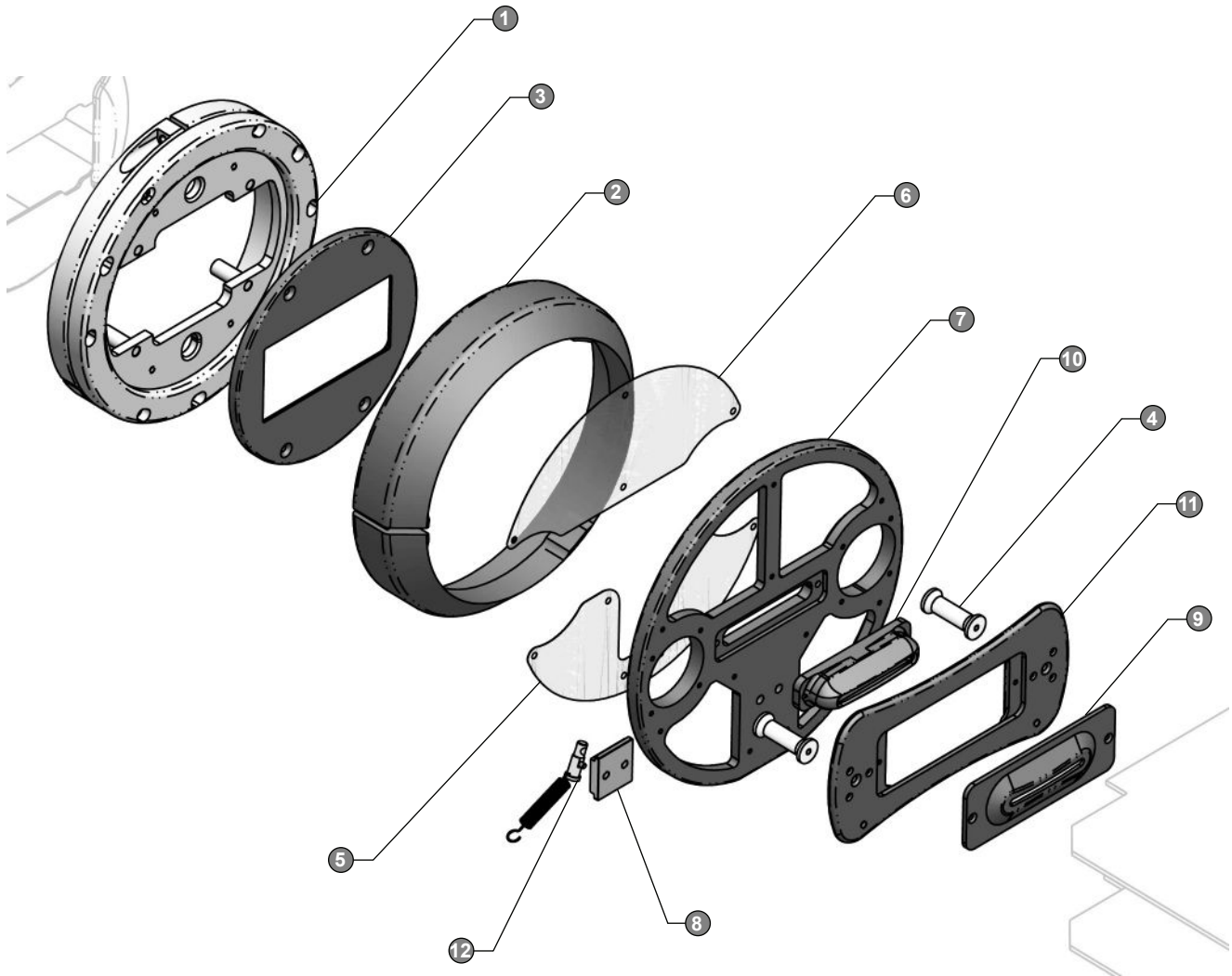


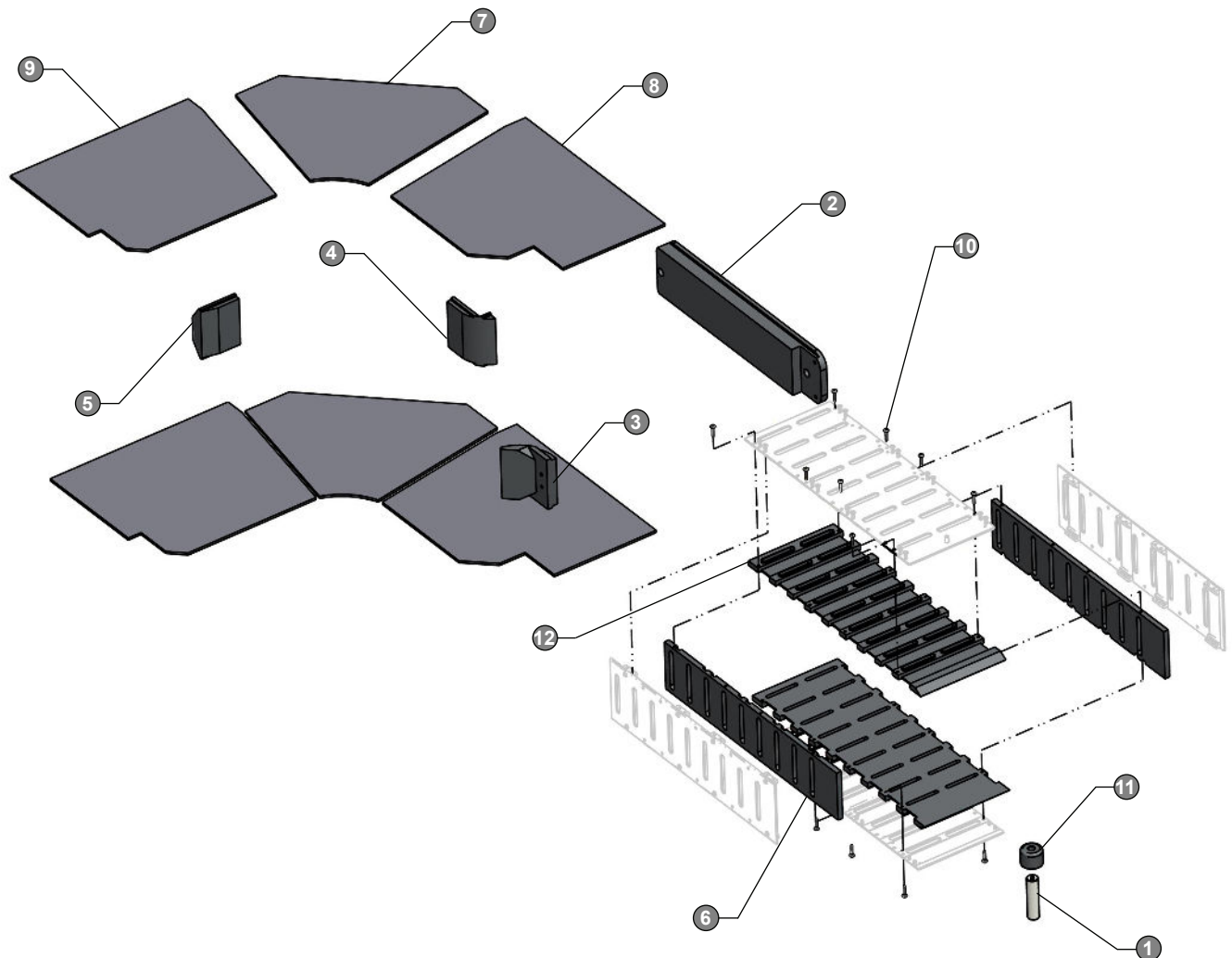




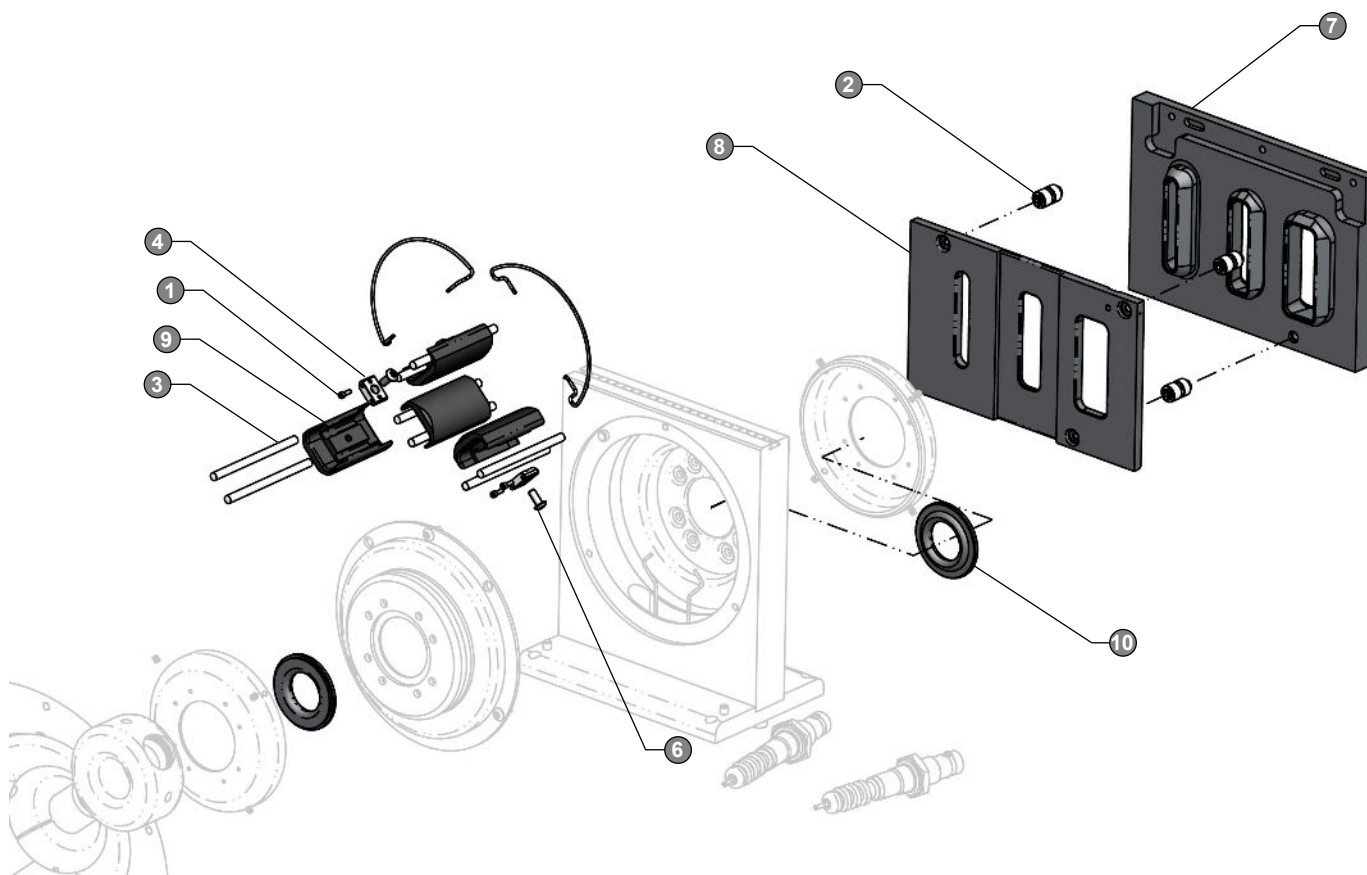
Item	P/N	Description	OEM	QTY
1	99176	Ball Joint, Graphite	17021591 / 17033160	1
2	99412	Repeller Insulator	17121850 / 17E9158	2
3	99428	Cathode Wire	17156990	1
4	99697	GSD Ultra Source Mesh, Small	170008470	1
5	99698	GSD Ultra Source Mesh, Large	170008480	7
6	99702	Repeller, Tungsten, Ultra	17334410	1
7	99723	Shield Ultra 4.5/5.5	170008490	1
8	99730	Clamp, Filament, Eterna	17390200	2
9	99731	Cathode, Ultra	17355270	1
10	99732	Insulator Cover	17D8110	2
11	99734	Filament Feed Strap, Eterna	17356020	2
12	99739	Rev A Top Mount, Arc Chamber, Ultra	170008950	2
13	99740	Mounting Plate, Cathode Keyed Repeller	170014140 Rev. B	1
14	99183B	Heat Shield Assembly	17142660	1
15	99401B	Insulator Mounting Block	17287870	1
16	99404A	Screw Retainer, No Slots	17189140 / 17133650	1
17	99409AW85	Cathode Repeller, Low Energy Tungsten	17355290	1
18	99477A	GSD ELS Filament, .040	17287850 Rev.A	1
19	99564AWV	Arc Chamber, Vap, HC3, Tungsten	17386160	1
20	99569AW	Low Energy Face Plate Frame	17360750	1
21	99664A	Compression Spring, Gas Feed Gsd, Long Life	17270640	1
22	99879W	Universal End Liner, Hc3, Molybdenum	No Reference	2
23	99880W	Universal Side Liner, HC3, VAP., .080 THK, Tungsten	No Reference	2
24	99881W	Base Liner, HC3, Tungsten	No Reference	1



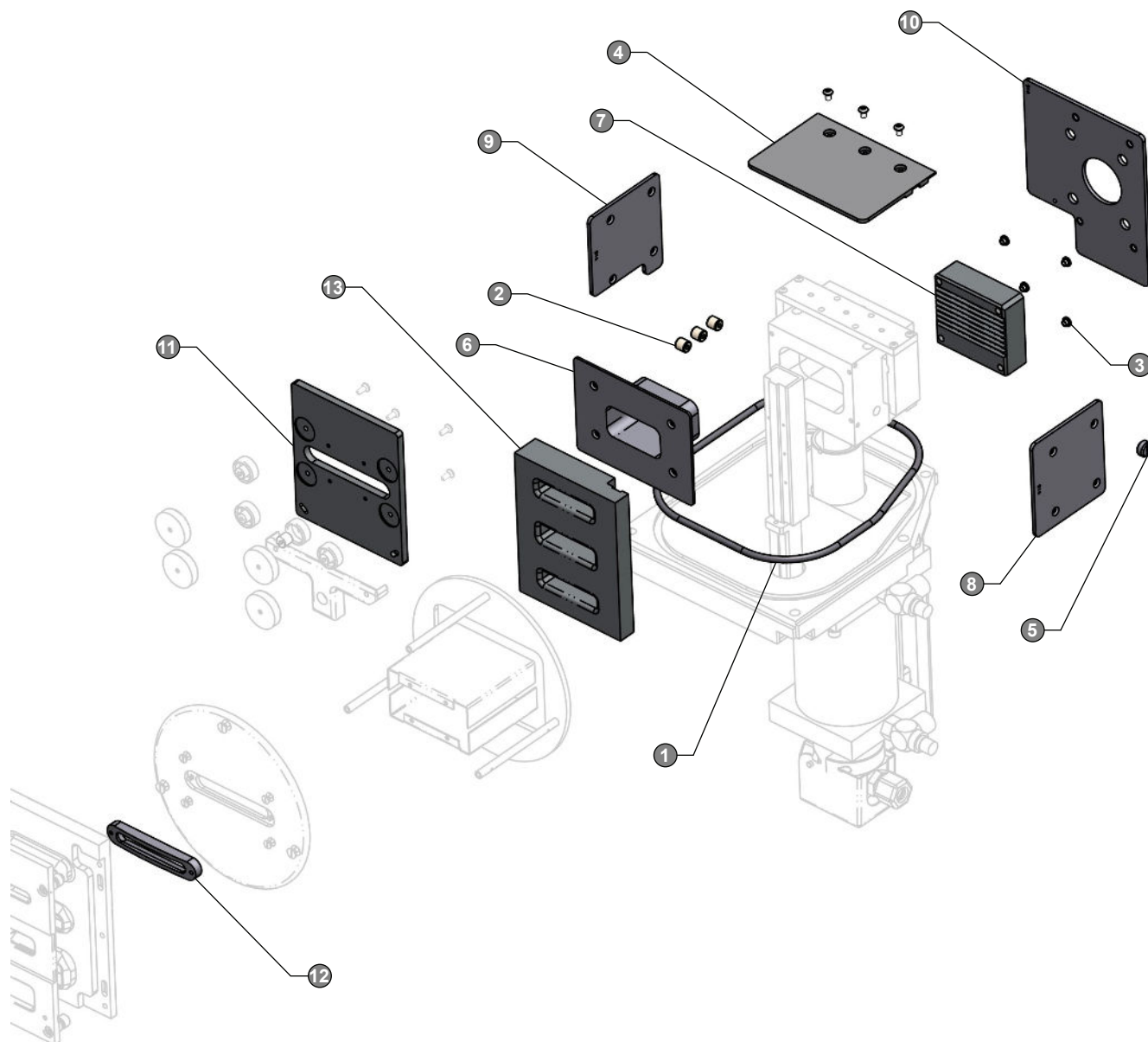
Item	P/N	Description	OEM	QTY
1	99462	Source Collar	1190320	1
2	99463	Ring, Graphite	17128740	1
3	99548	Aperture, Clamp Ring	17139160 / 17128250	1
4	99733	Insulator	170007110	2
5	99735	Mesh Left Ultra, Tungsten	17007190	1
6	99736	Mesh Right Ultra, Tungsten	170007170	1
7	99745	Ground Electrode Carrier, Ultra	170007150	1
8	99846	Electrode Carrier Mounting Block	170006100	1
9	99724V	Suppression Electrode, Ultra, Graphite VIG.	170007090	1
10	99726V	Ground Electrode, Ultra, Graphite VIG.	170007140	1
11	99727V	Vig Version, Suppression Plate, Ultra	170007100	1
12	99844A	Suppression Wire Spring Assembly	110013870	1



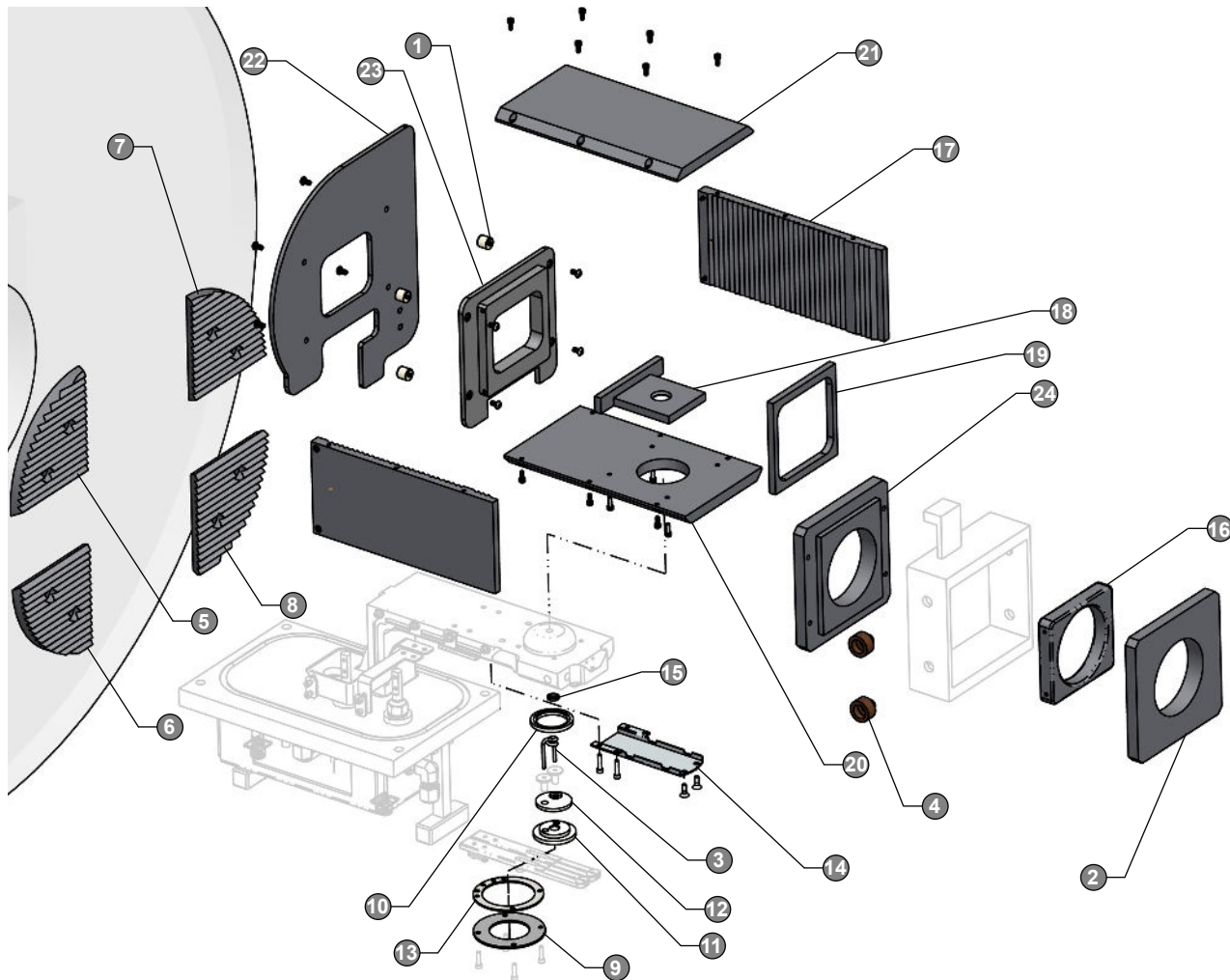
Item	P/N	Description	OEM	QTY
1	83741	Ceramic Standoff Long 2 x 1/2, 8-32, 3/8	5002280	1
2	99744	Liner, Outer Strike Plate, Ultra	17394850	1
3	99746	Liner, Ultra Beam Guide	17394890 REV C	1
4	99749	Liner 2, Beam Guide, Ultra	17394880 REV A	1
5	99750	Beam Guide, Ultra	17395170 Rev B	1
6	99761	Side Plate, Beam Tunnel Ultra	17384620	2
7	99762	Center Line Beam Guide, Ultra	170039120 REV A	2
8	99772	Liner Exit, Beam Guide	17395160	2
9	99773	Top And Bottom Liner, Beamguide Entrance	17395140	2
10	99832	Pin Screw	1219760	16
11	30712G	Seal Cup, SEN-EM	17B3976	1
12	99798A	Extended Graphite Shield, Top & Bottom	17320550 (Glemco Design)	2



Item	P/N	Description	OEM	QTY
1	82382	2-56 X 1/4" Socket Head Cap Screw, SST	1231200204 / 4400120	6
2	99742	Insulator, Variable Aperture Ultra	17E4902	3
3	99754	Support Rod, Short	17031590	8
4	99768	Pole Clamp	17059530	4
5	99769	Pole Connector	17060390	2
6	8A283	8-32 X 3/8" Vented Button Head Socket Screw, SST	No Reference	4
7	99712A	Modified Aperture, Resolving, 8, 14, +22	17384500	1
8	99722A	Suppression Aperture	17384490	1
9	99752A	8-32 X 3/8" Vented Button Head Socket Screw, SST	17118510	4
10	99760A	Aperture, .27" Thick, Quadrapole, Exit	17231630	2

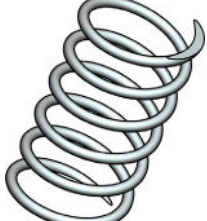
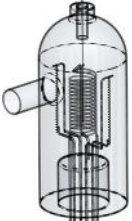
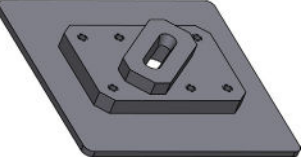
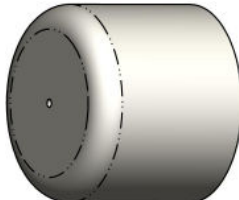
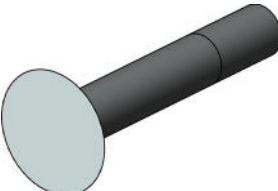
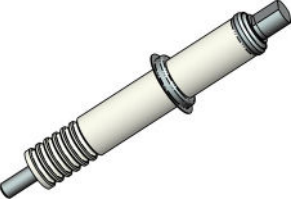
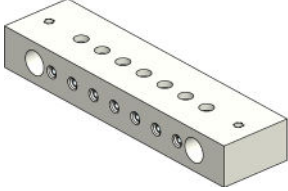


Item	P/N	Description	OEM	QTY
1	83269	O-RING 369 BUNA-N (MIN 10)	3500097	1
2	99054	Ceramic Standoff, 3/8" Dia X 3/8" Long X 6-32 Thread	7230-0003-0038 / 5000132 / E59000003	3
3	99087	Standoff Insulator	1744570	4
4	99390	Shield, Faraday Flag	17099831	1
5	99581	Threaded Insulating Cap	17167970	1
6	99716	Liner Flag Cup W/ Extension	170021180	1
7	99748	Strike Plate, Serrated, Ultra	17362740 REV A	1
8	99763	Upper Cover	17358800	1
9	99764	Lower Cover	17334460	1
10	99774	Rear Cover, Bias	170012680	1
11	99013A	Electrode Ground Plate	17125571	1
12	99016A	High Voltage Aperture	17089711	1
13	99549A	Selectable Aperture	17250340	1



Item	P/N	Description	OEM	QTY
1	99054	Ceramic Standoff, 3/8" Dia X 3/8" Long X 6-32 Thread	7230-0003-0038 / 5000132	4
2	99305	Front Shield, Electromagnetic Energy Reflector	17138750	1
3	99311	Filament	17263200	1
4	99459	Bias Ring Aperture Insulator	17174410	2
5	99483	Faraday Strike Plate, Disc 1	17182570	1
6	99484	Faraday Strike Plate, Disc 2	17182580	1
7	99485	Faraday Strike Plate, Disc 3	17182590	1
8	99486	Faraday Strike Plate, Disc 4	17182600	1
9	99493	Retaining Ring	17234180	1
10	99494	Filament Bottom Ring	17248060	1
11	99495	Filament Bottom Support	17248070	1
12	99496	Filament Locating Plate	17248090	1
13	99499	Cup Gasket	17242340 / 17306640	1
14	99521	Tabbed Shield, Plasma Shower	17253280	1
15	99532	Filament Insulator	17248080	1
16	99577	Aperture, Back Bias, Emer	17138730	1
17	99671	Serrated Plate	17306390	2
18	99672	Arc Chamber Cover, PEF-XE	17329170	1
19	99673	Shower Tube Aperture	17304670	1
20	99717	PEF Shower Tube Base	17394570	1
21	99718	Shower Tube Plate, PEF-XE 200 MM	17394560	1
22	99728	Strike Plate, PEF-XE	170010550	1
23	99743	Shower Tube Aperture, II PEF-XE	170010540 Rev A	1
24	99305A	Front Shield, Electromagnetic Energy Reflector	17138750	1



			
P/N 55269 Aperture Backplate, IHC OEM E17335820	P/N 90266 Filament Strap OEM 0020-86731	P/N 99036 Exit Aperture, Source Housing OEM 17098511	P/N 99130 Flag Strike Plate OEM 17066870
			
P/N 99172 Compression Spring OEM 4001301	P/N 99193 Ion Gauge OEM 3300002	P/N 99206 Entrance Aperture Plate Accel OEM 17115930	P/N 99215 Extension Tube OEM 17119351
			
P/N 99405 Repeller Set Screw OEM 17121760	P/N 99406 Repeller, Moly OEM 17121740	P/N 99409 Cathode Repeller OEM 17121930	P/N 99413 GSD ELS Cathode, W Button OEM 17172890
			
P/N 99430 Repeller Screw OEM 17170610	P/N 99741 M8 Carbon Screw, Ultra Faraday OEM 17349970 Rev A	P/N 99859 Dust Shield Aperture OEM 17384670	P/N 99173A High Voltage Feed-Thru OEM 17B5402
			
P/N 99173B Feed Thru HC3 Electrode OEM 190003540	P/N 99421HC E Shower Filament, Insulator OEM 17321470		