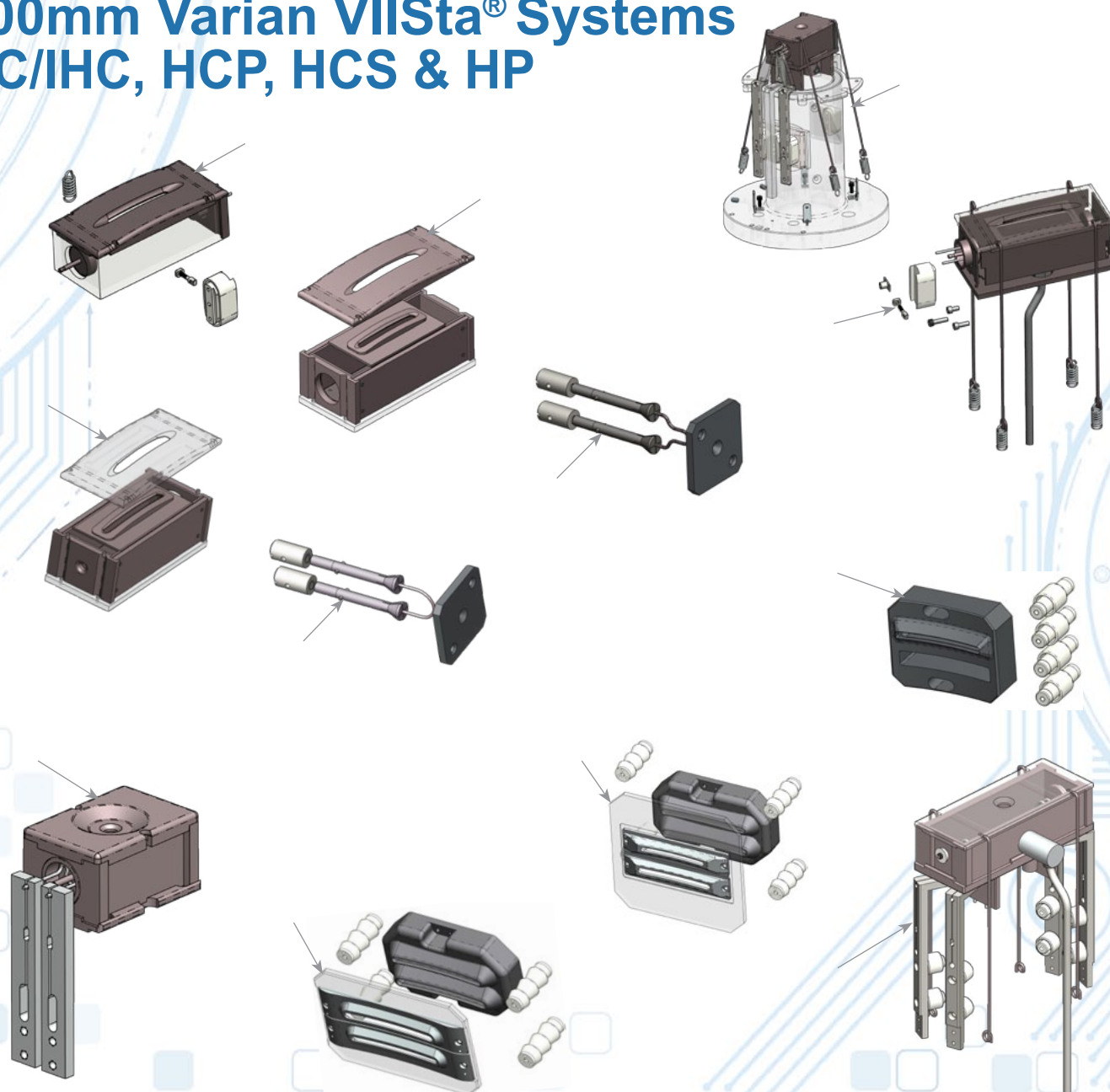




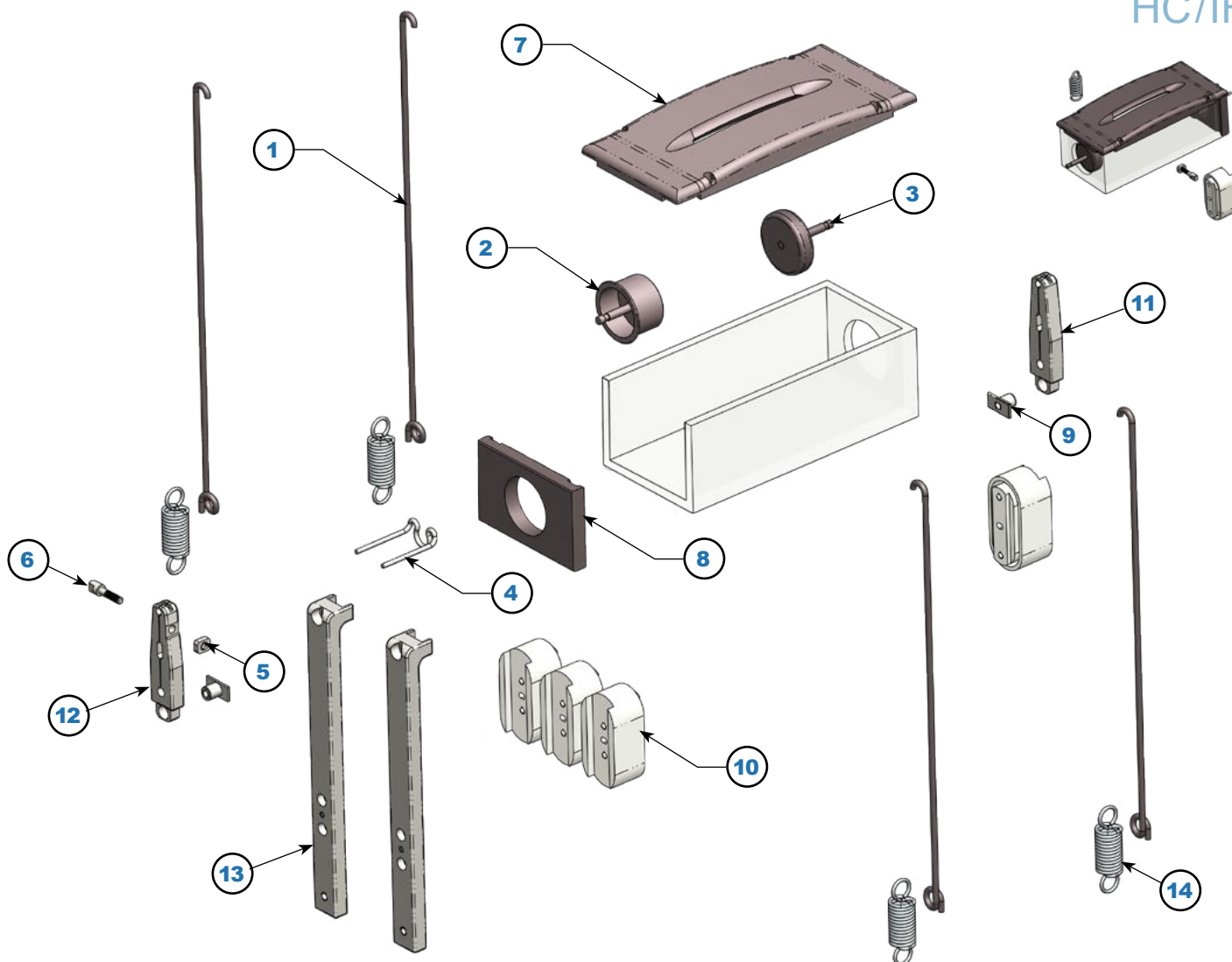
Illustrated Parts Guide for
300mm Varian VISta® Systems
HC/IHC, HCP, HCS & HP





Source Components for

HC/IHC



Item	Glemco P/N	Description	OEMs	Qty
1	52031-2	Retainer Hook, 186mm	E17077001	4
2	55226	Cathode Assembly, IHC, Tungsten	E17295630	1
3	55232	Repeller Assembly, Tungsten	E17289910	1
4	55238	Filament, Tungsten	E17297920	1
5	55253	4-40 Nut, Molybdenum	E17291350	1
6	55254A	Screw, Cathode Assembly	E17295210	1
7	55267	Arc Slit, Vista HC Aperture, Tungsten	E17304990	1
8	55268	End Plate, Cathode, Tungsten	E17285150	1
9	55277	Nut Plate, Bar Clamp	E17292510	2
10	55287	V810 IHC PH2, Insulator, Filament, Cathode Clamp	E17296280	4
11	55304	Repeller Clamp, IHC 80	E17292550	1
12	55311	Cathode Clamp	E17331970	1
13	55312	Clamp Arm	E17302120	2
14	82058	Extension Spring, .359 OD X 1.380 Long, SST	E12004800	4

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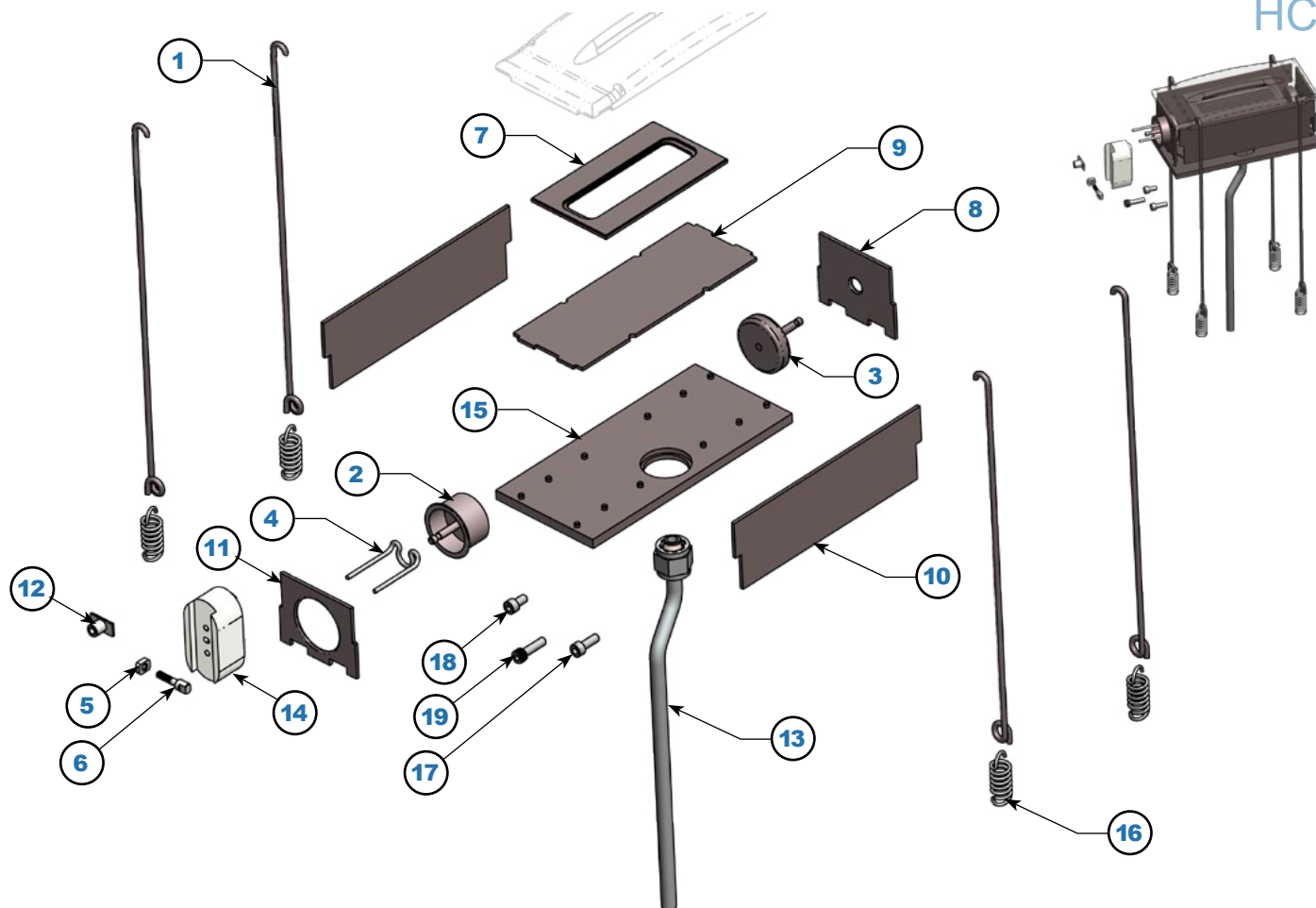
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Source Components for

HCP



Item	Glemco P/N	Description	OEMs	Qty
1	52031-2	Retainer Hook, 186mm	E17077001	4
2	55226	Cathode Assembly, IHC, Tungsten	E17295630	1
3	55232	Repeller Assembly, Tungsten	E17289910	1
4	55238	Filament, Tungsten	E17297920	1
5	55253	4-40 Nut, Molybdenum	E17291350	1
6	55254A	Screw, Cathode Assembly	E17295210	1
7	55269	Aperture Backplate, IHC, Tungsten	E17335820	1
8	55270	Liner End Repeller, Tungsten	E17292070	1
9	55271	Liner, Base, Tungsten	E17292180	1
10	55272	Liner, Side, Tungsten	E17292040	2
11	55273	Liner, End Cathode, Tungsten	E17292050	1
12	55277	Nut Plate, Bar Clamp	E17292510	1
13	55280	Gas Feed Tube	E17336980	1
14	55287	V810 IHC PH2, Insulator, Filament, Cathode Clamp	E17296280	1
15	55291	Base Plate Assembly, Tungsten	E17327310	1
16	82058	Extension Spring, .359 OD X 1.380 Long, SST	E12004800	4
17	82411	SHCS, Socket Head Cap Screw, 6-32 X 3/8", SST	E47000017	1
18	82412	SHCS, Socket Head Cap Screw, 6-32 X 1/4", SST	E47000016	1
19	82415	SHCS, Socket Head Cap Screw, 6-32 X 1/2", SST	E47000018	1

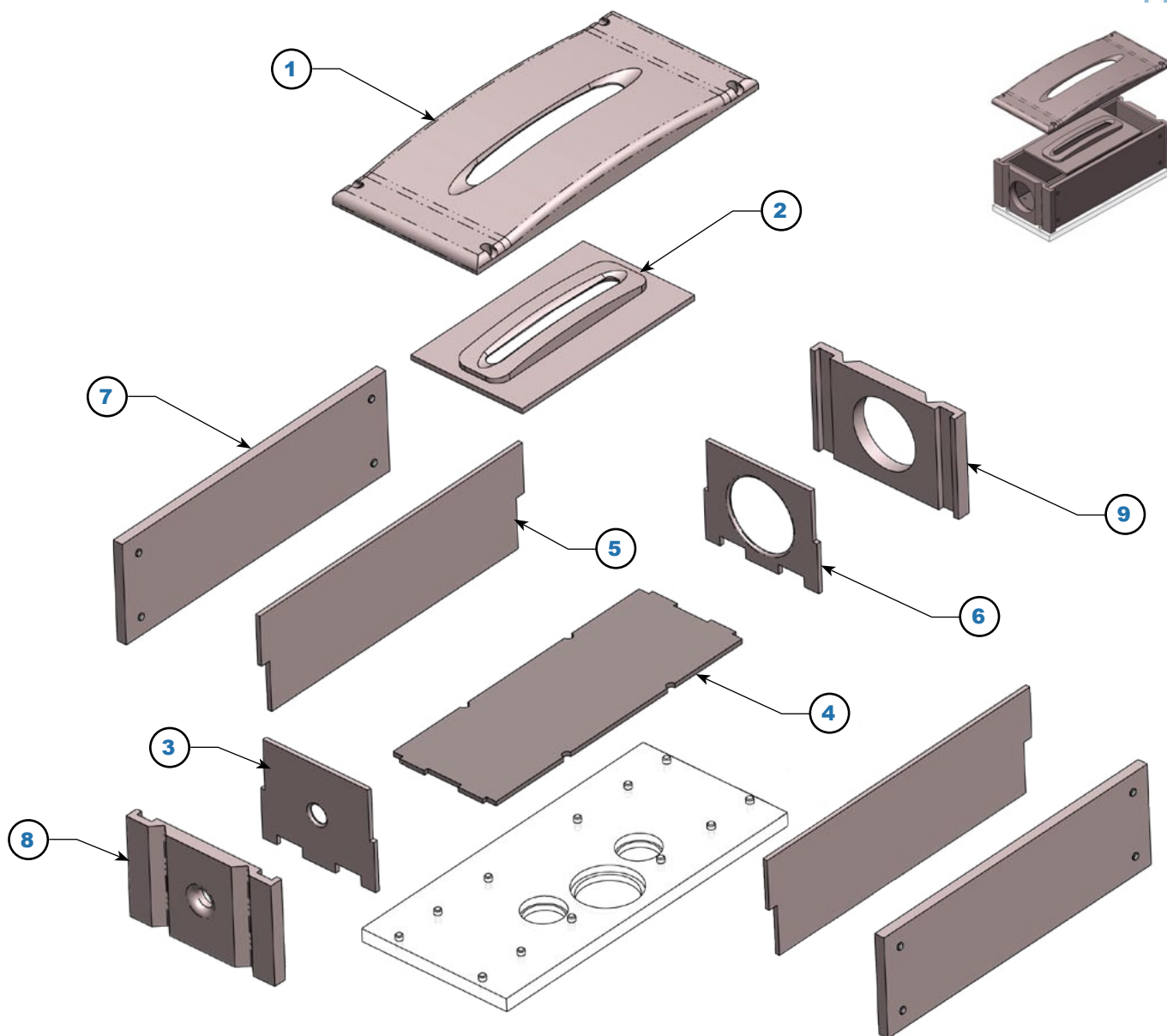
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Optional Source Components for

HCP



Item	Glemco P/N	Description	OEMs	Qty
1	55267A	Arc Slit, Liner Version, Tungsten	E17335830	1
2	55269A	Arc Slit Liner, Tungsten	E17388840	1
3	55270	Liner End Repeller, Tungsten	E17292070	1
4	55271	Liner, Base, Tungsten	E17292180	1
5	55272	Liner, Side, Tungsten	E17292040	2
6	55273	Liner, End Cathode, Tungsten	E17292050	1
7	55295	Side Plate, Tungsten	E17327320	2
8	55296	End Plate, Repeller, Tungsten	E17327330	1
9	55297	End Plate, Cathode, Tungsten	E17327340	1

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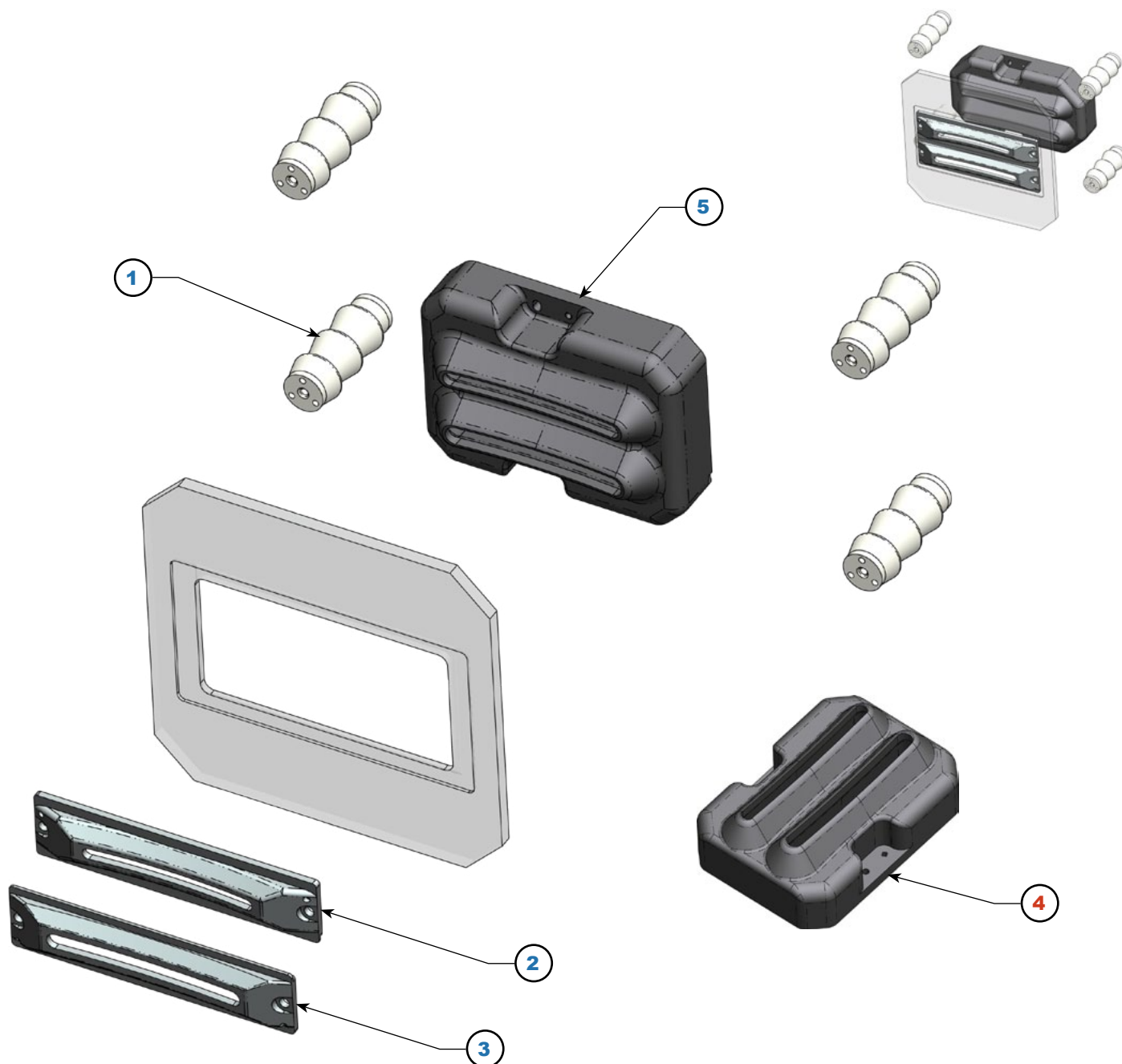
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Extraction Electrode Components for

HCP



Item	Glemco P/N	Description	OEMs	Qty
1	55289	Insulator	E17358690	4
2	55305A	Insert, Supp Elec, 5° LE	E17343750	1
3	55306A	Insert, Supp Elec, 5° HE	E17343760	1
4	55308	Ground Aperture, Extraction, VISta HC, Graphite	E17367010	
5	55308B	Ground Aperture, Extraction, VISta HC, 5°, Graphite	E17367010	1

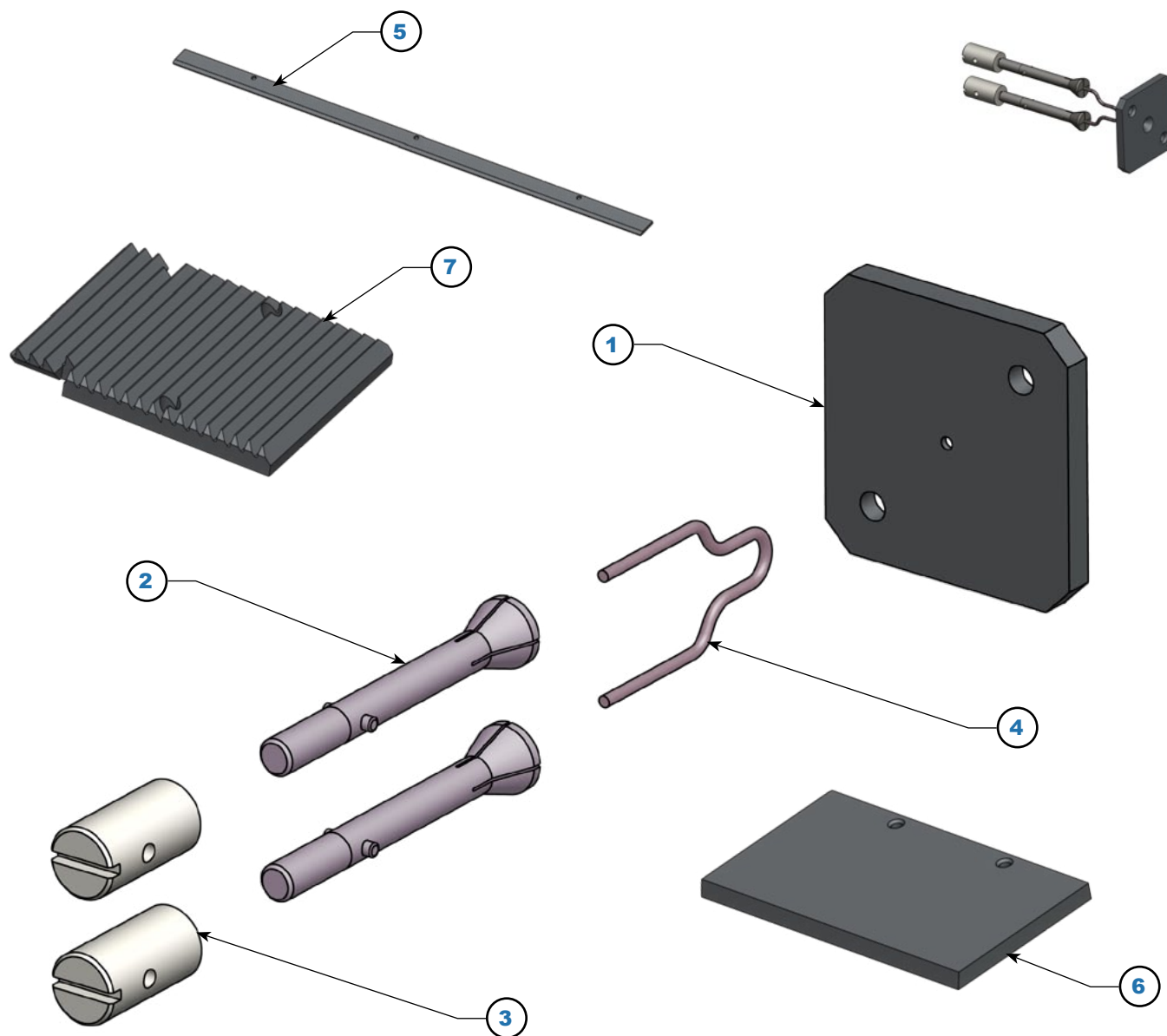
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Replacement Components for HC/HCP Plasma Flood Assembly



Item	Glemco P/N	Description	OEMs	Qty
1	55264	PFG Aperture, Graphite	E17225962	1
2	55275	PFG Filament Clamp, Tantalum	E17270590	2
3	55276	Nut, Filament Clamp, Molybdenum	E17058140	2
4	55279	PFG Filament, Tungsten	E17309460	1
5	55416	Cage Exit, Graphite	E17200572	1
6	55417	Cage Vertical Exit Side, Graphite	E17178822	1
7	55418	Cage Side Saw Tooth, Graphite	E17225942	1

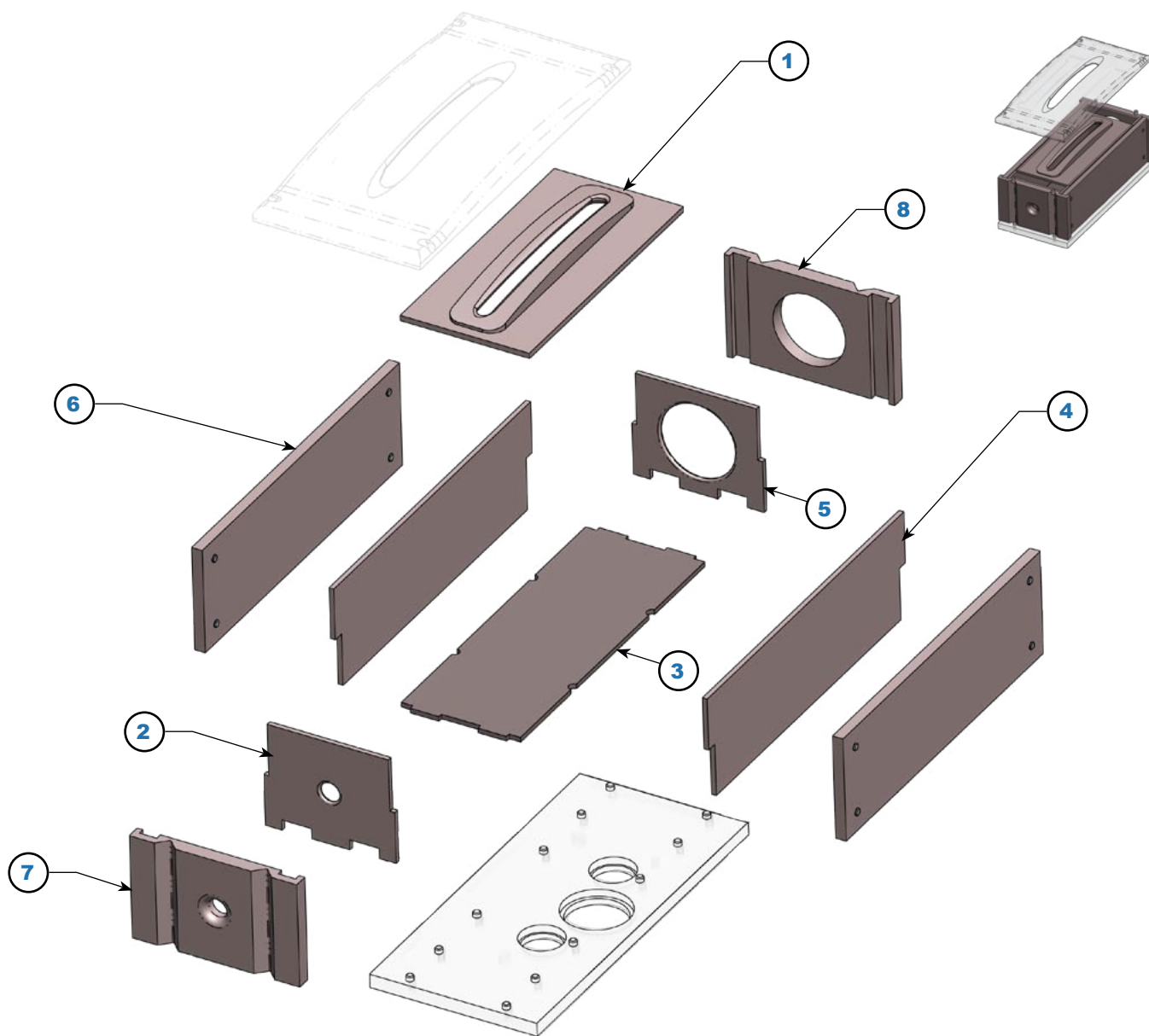
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Optional Source Components for

HCS



Item	Glemco P/N	Description	OEMs	Qty
1	55269B	Aperture, Insert	E17441100	1
2	55270	Liner End Repeller, Tungsten	E17292070	1
3	55271	Liner, Base, Tungsten	E17292180	1
4	55272	Liner, Side, Tungsten	E17292040	2
5	55273	Liner, End Cathode, Tungsten	E17292050	1
6	55295	Side Plate, Tungsten	E17327320	2
7	55296	End Plate, Repeller, Tungsten	E17327330	1
8	55297	End Plate, Cathode, Tungsten	E17327340	1

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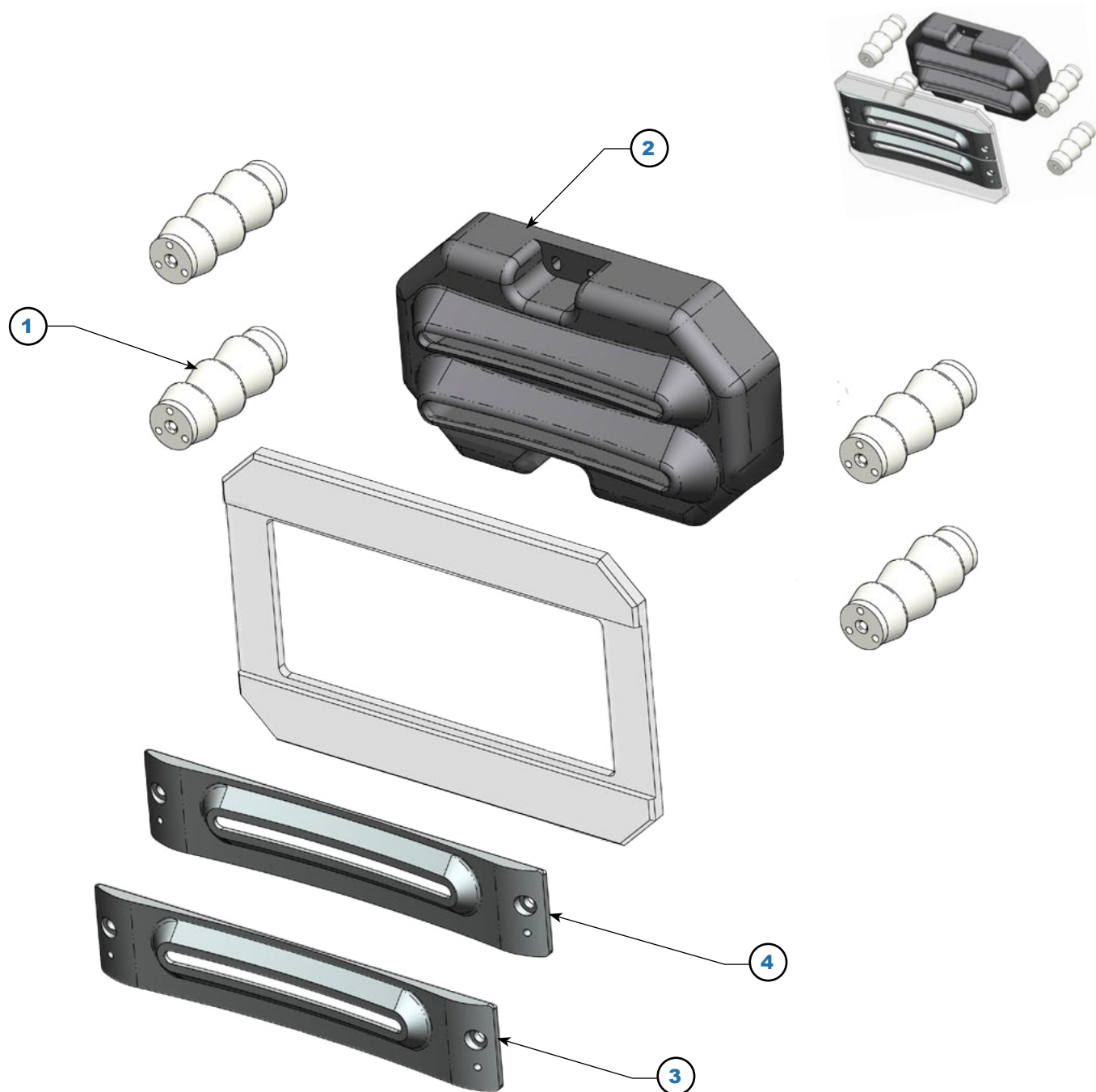
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Extraction Electrode Components for

HCS



Item	Glemco P/N	Description	OEMs	Qty
1	55289	Insulator	E17358690	4
2	55308A	Ground Aperture, Extraction, Dual Contour	E17377500	1
3	55318	Insert, Supp Elec, HE	E17385690	1
4	55319	Insert, Supp Elec, LE	E17385700	1

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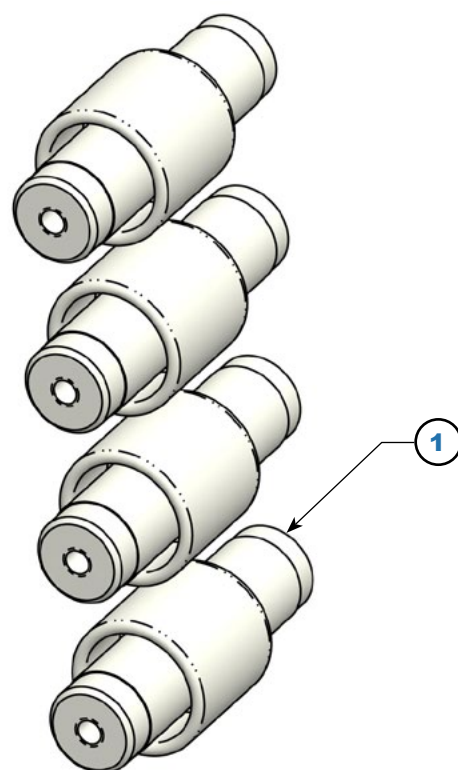
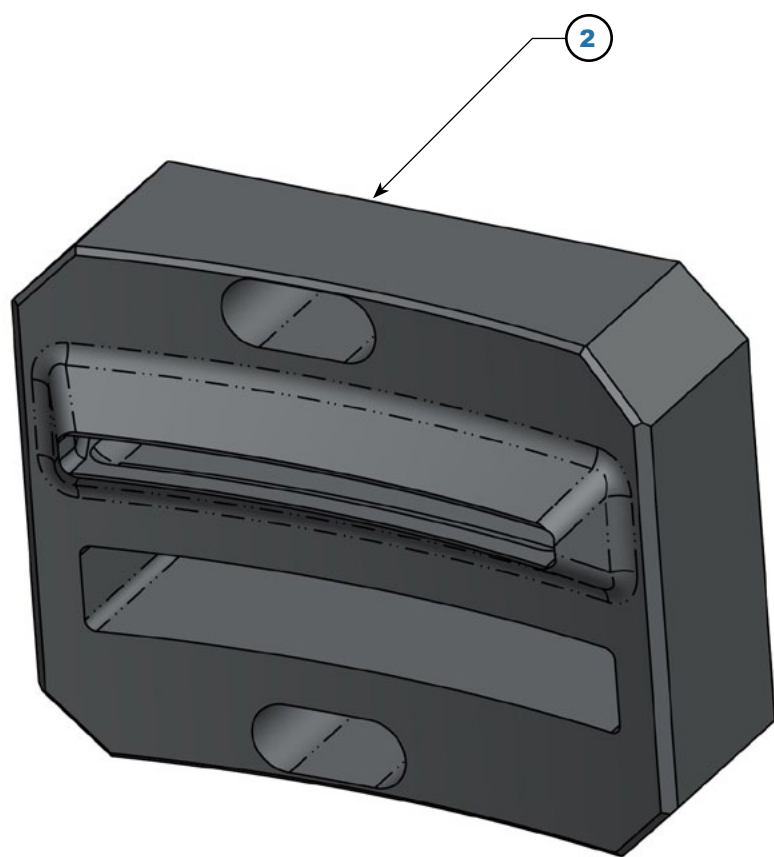
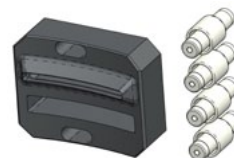
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Replacement Components for

80 Extraction Electrode



Item	Glemco P/N	Description	OEMs	Qty
1	52063	Manipulator, 60Kv Insulator, Aluminum Oxide	E17091850	4
2	55262	Ground Electrode, Graphite	E17245340	1

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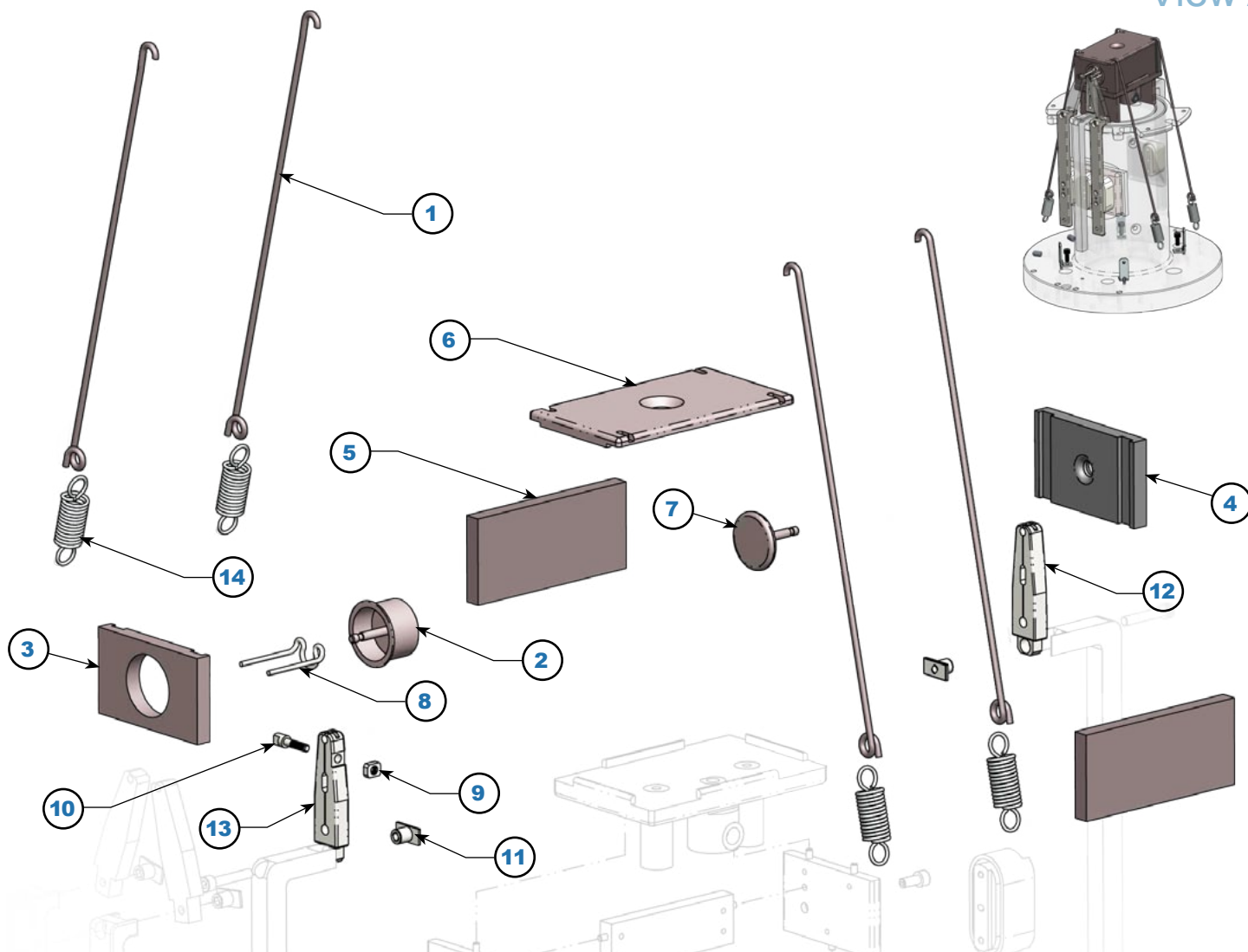
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810 Ion Source Components

View A



Item	Glemco P/N	Description	OEMs	Qty
1	52031-2	Retainer Hook, 186mm	E17077001	4
2	55226	Cathode Assembly, IHC, Tungsten	E17295630	1
3	55227	End Plate, Tungsten	E17220310	1
4	55228	End Cap, Repeller, Tungsten	E17304690	1
5	55229	Plate, Side, Tungsten	E17220340	2
6	55230	Plate, Front, Tungsten	E17220370	1
7	55232A	Repeller	E17285280	1
8	55238	Filament, Tungsten	E17297920	1
9	55253	4-40 Nut, Molybdenum	E17291350	1
10	55254A	Screw, Cathode Assembly	E17295210	1
11	55277	Nut Plate, Bar Clamp	E17292510	2
12	55304	Repeller Clamp, IHC 80	E17292550	1
13	55311	Cathode Clamp	E17331970	1
14	82058	Extension Spring, .359 OD X 1.380 Long, SST	E12004800	4

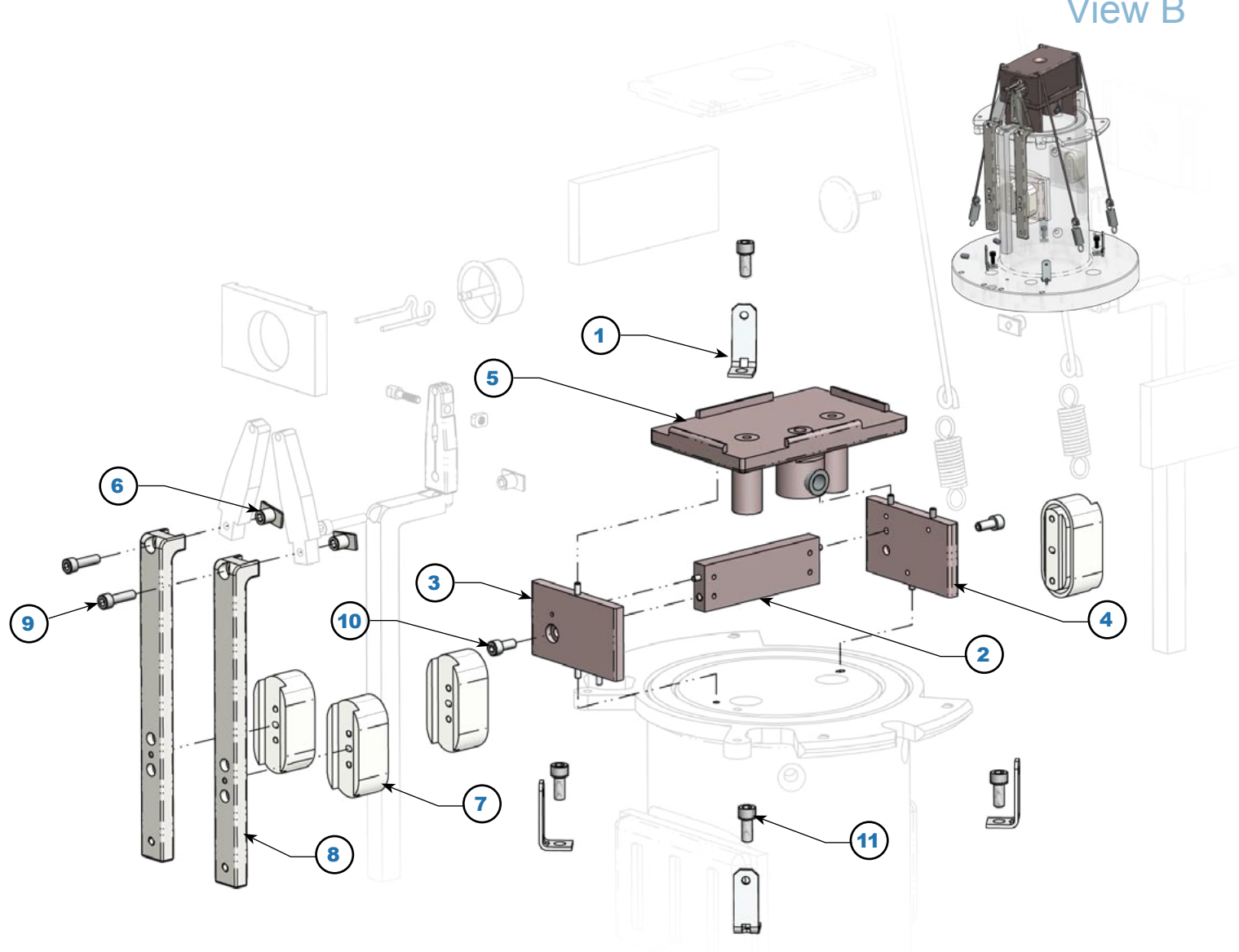
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810 Ion Source Components

View B



Item	Glemco P/N	Description	OEMs	Qty
1	52032	Extension Spring Anchor	E17090150	4
2	52034	Arc Chamber Mounting Stage Bottom	E17089940	1
3	52047	Arc Chamber Mounting Stage, Side Plate 1, Tungsten	E17089931	1
4	52048	Arc Chamber Mounting Stage, Side Plate 2, Tungsten	E17089930	1
5	55231	Base Plate	E17288230	1
6	55277	Nut Plate, Bar Clamp	E17292510	2
7	55287	V810 IHC PH2, Insulator, Filament, Cathode Clamp	E17296280	4
8	55312	Clamp Arm	E17302120	2
9	82415	SHCS, Socket Head Cap Screw, 6-32 X 1/2", SST	E47000018	2
10	82730	VSHCS, Vented Socket Head Cap Screw, 6-32 X 5/16", SST	E47000167	2
11	82734	VSHCS, Vented Socket Head Cap Screw, 8-32 X 3/8", SST	E47000291	4

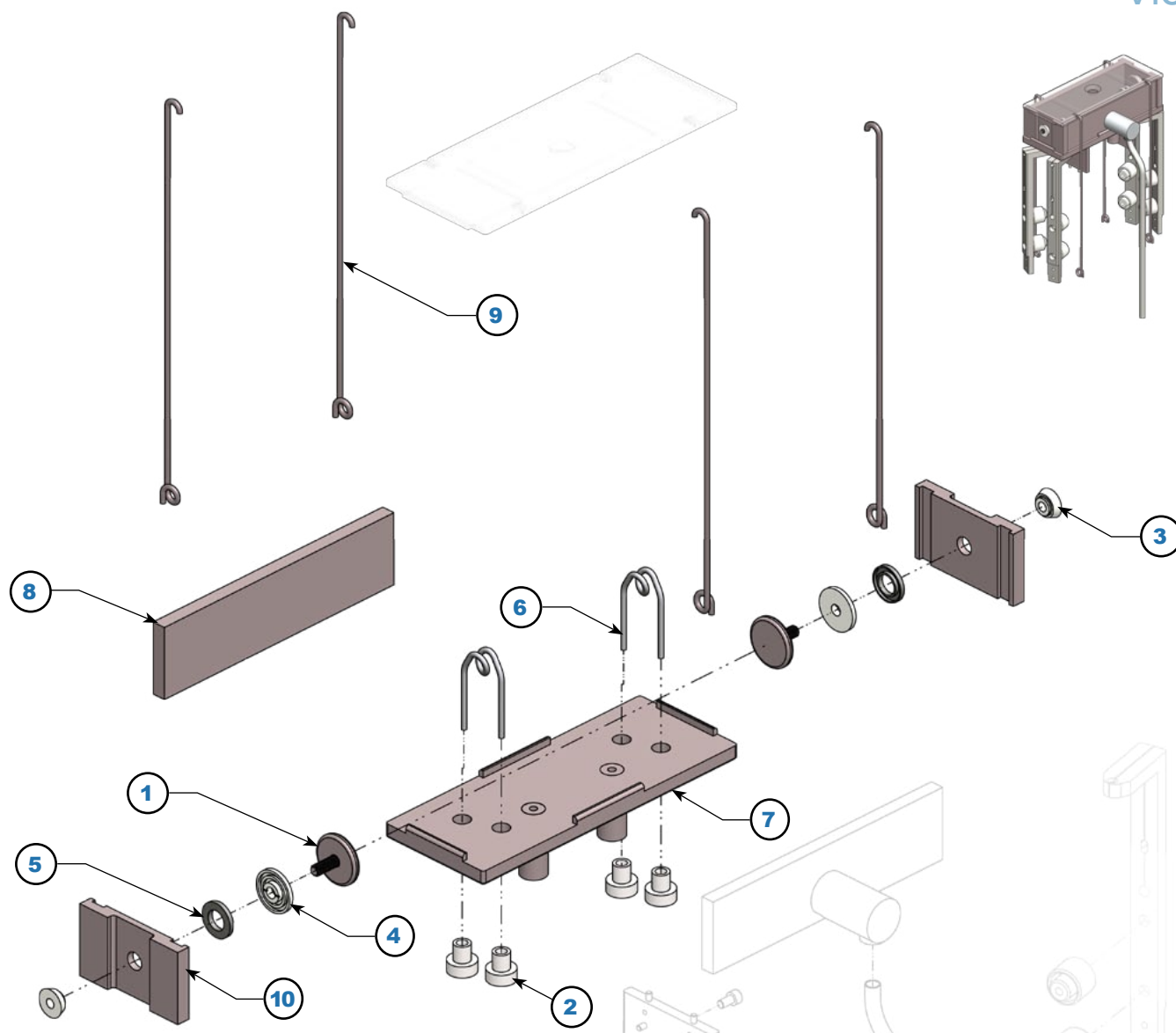
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810 Bernas Source Components

View A



Item	Glemco P/N	Description	OEMs	Qty
1	52013A	Threaded Repeller, Tungsten	E17145410	2
2	52015	Filament Insulator, Boron Nitride	E17131210	4
3	52016	Repeller Nut Insulator	E17132320	2
4	52017	Repeller Insulator	E17132280	2
5	52020	Repeller Insulator Shield	E17132290	2
6	52022	Pigtail Filament	E17069340	2
7	52024	Base Plate, Tungsten	E17094421	1
8	52026	Side Plate, Pure Tungsten	E17067001	1
9	52031-2	Retainer Hook, 186mm	E17077001	4
10	52046	End Plate, Tungsten	E17124440	2

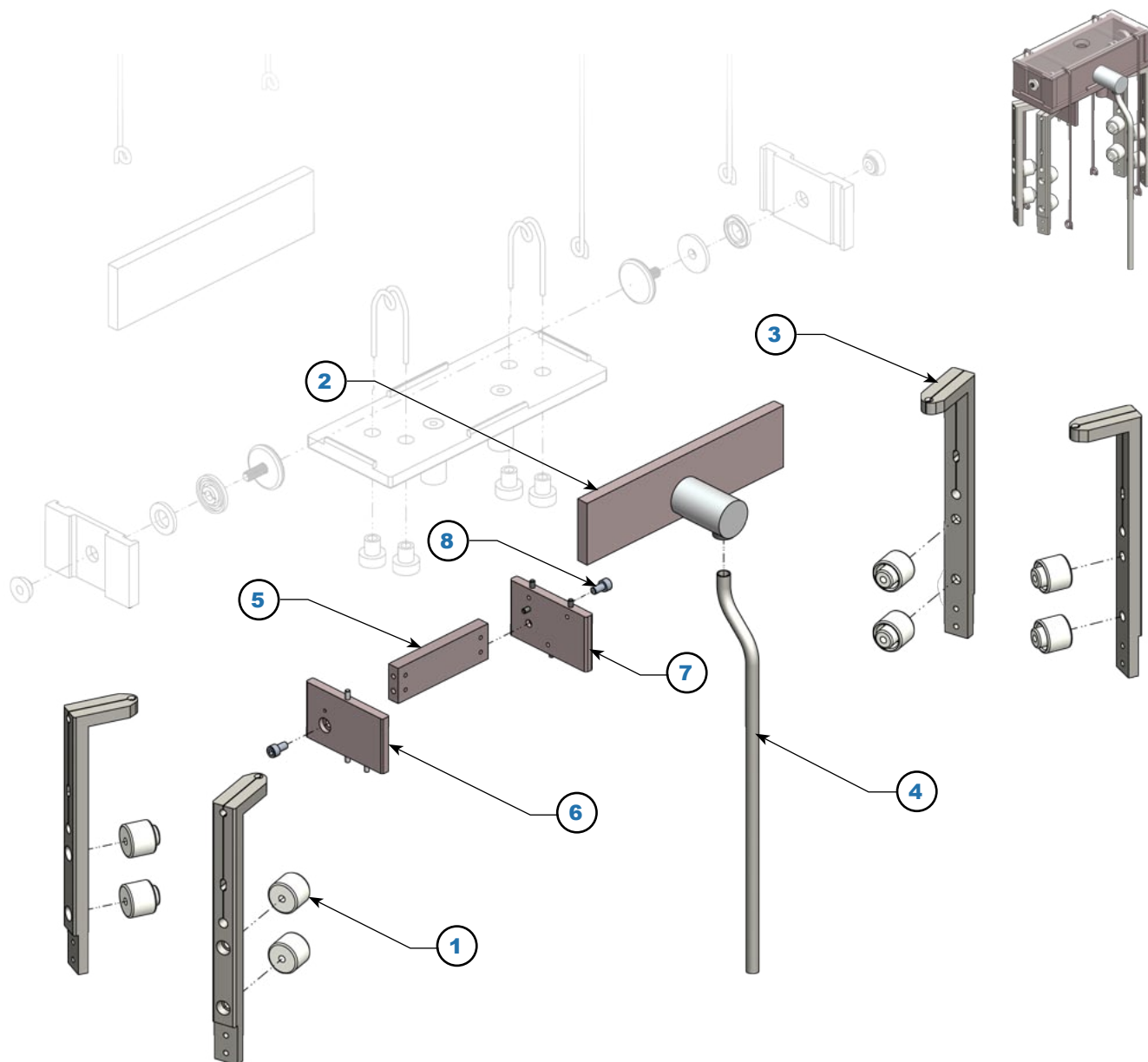
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810 Bernas Source Components

View B



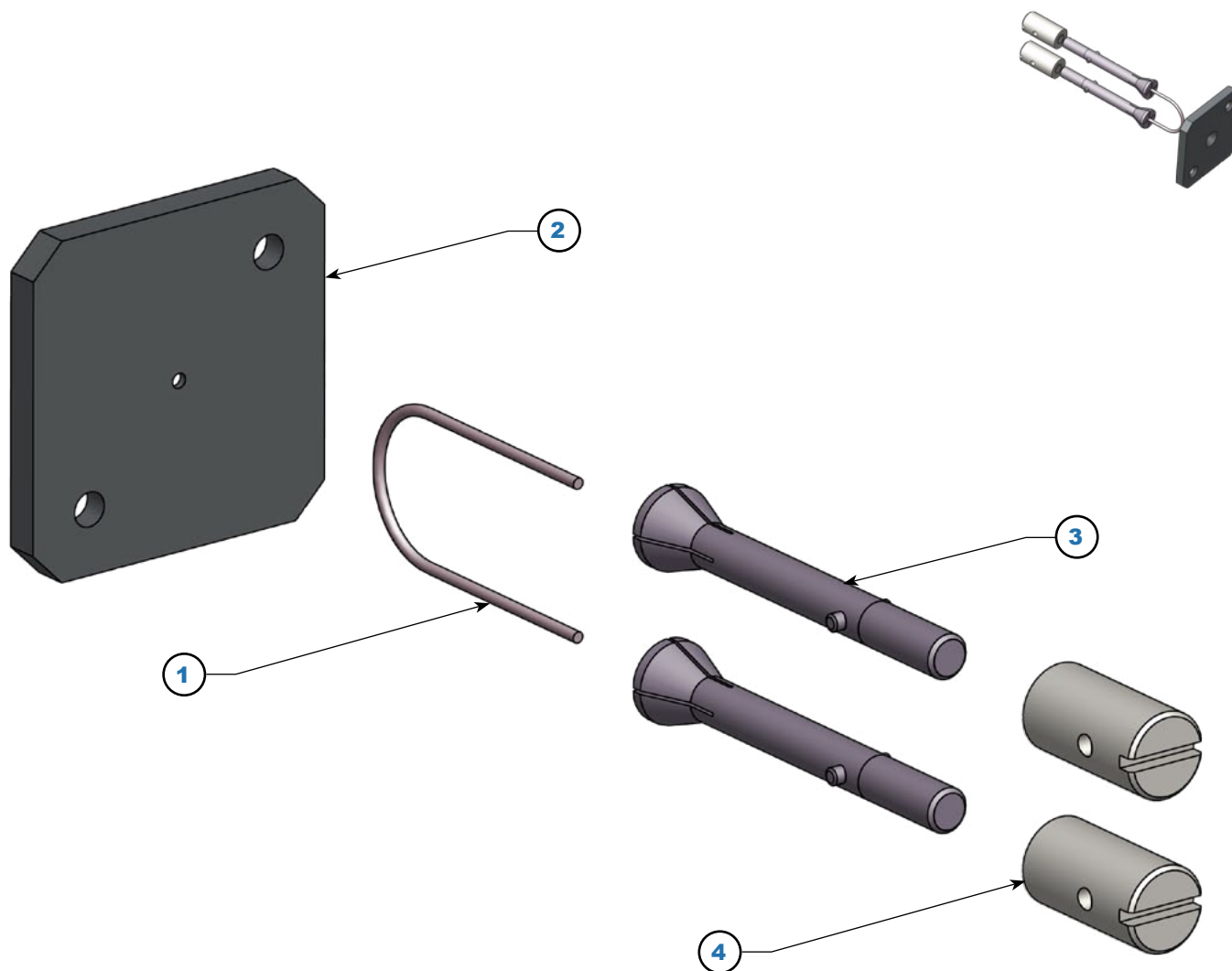
Item	Glemco P/N	Description	OEMs	Qty
1	52018	Standoff Insulator	E17092410	8
2	52023	Side Plate With Gas Port, Tungsten	E17094441	1
3	52028	Filament Clamp	E17092400	4
4	52033	Gas Tube	E17094401	1
5	52034	Arc Chamber Mounting Stage Bottom	E17089940	1
6	52047	Arc Chamber Mounting Stage, Side Plate 1, Tungsten	E17089931	1
7	52048	Arc Chamber Mounting Stage, Side Plate 2, Tungsten	E17089930	1
8	82412	SHCS, Socket Head Cap Screw, 6-32 X 1/4", SST	E47000016	2

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Replacement Components for 810 Plasma Flood Assembly



Item	Glemco P/N	Description	OEMs	Qty
1	52069	PFG Filament	E17041850	1
2	55264	PFG Aperture, Graphite	E17225962	1
3	55275	PFG Filament Clamp, Tantalum	E17270590	2
4	55276	Nut, Filament Clamp, Molybdenum	E17058140	2

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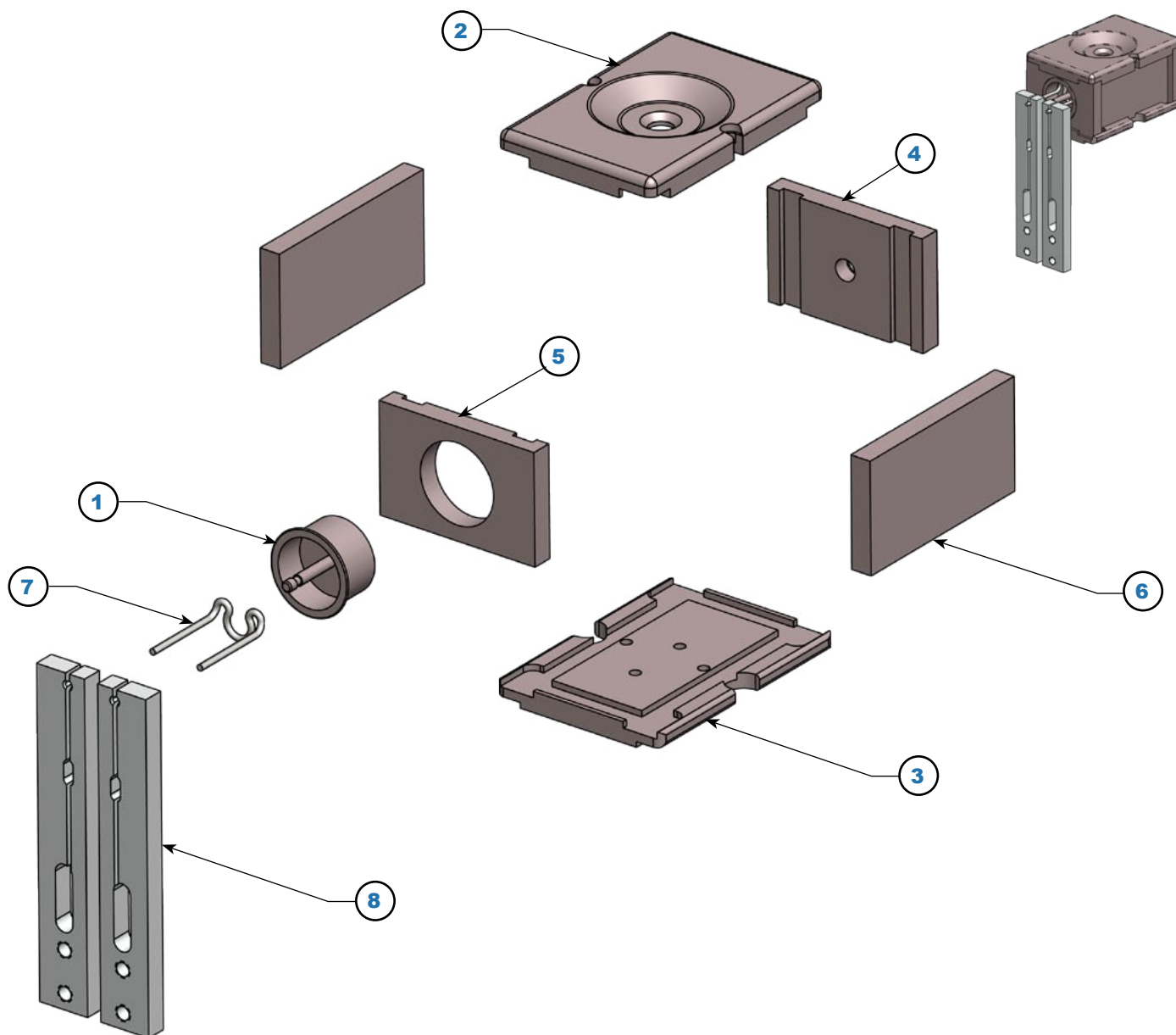
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Source Components for

3000 HP



Item	Glemco P/N	Description	OEMs	Qty
1	55226	Cathode Assembly, IHC, Tungsten	E17295630	1
2	55233	Aperture, Extraction, Tungsten	E17286980	1
3	55234	Base Plate, Tungsten	E17285510	1
4	55235	End Cap, Repeller, Tungsten	E17285210	1
5	55236	End Cap, Cathode, Tungsten	E17285200	1
6	55237	Side Plate, Tungsten	E17285290	2
7	55238	Filament, Tungsten	E17297920	1
8	55244	Clamp, Filament	E17049240	2

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