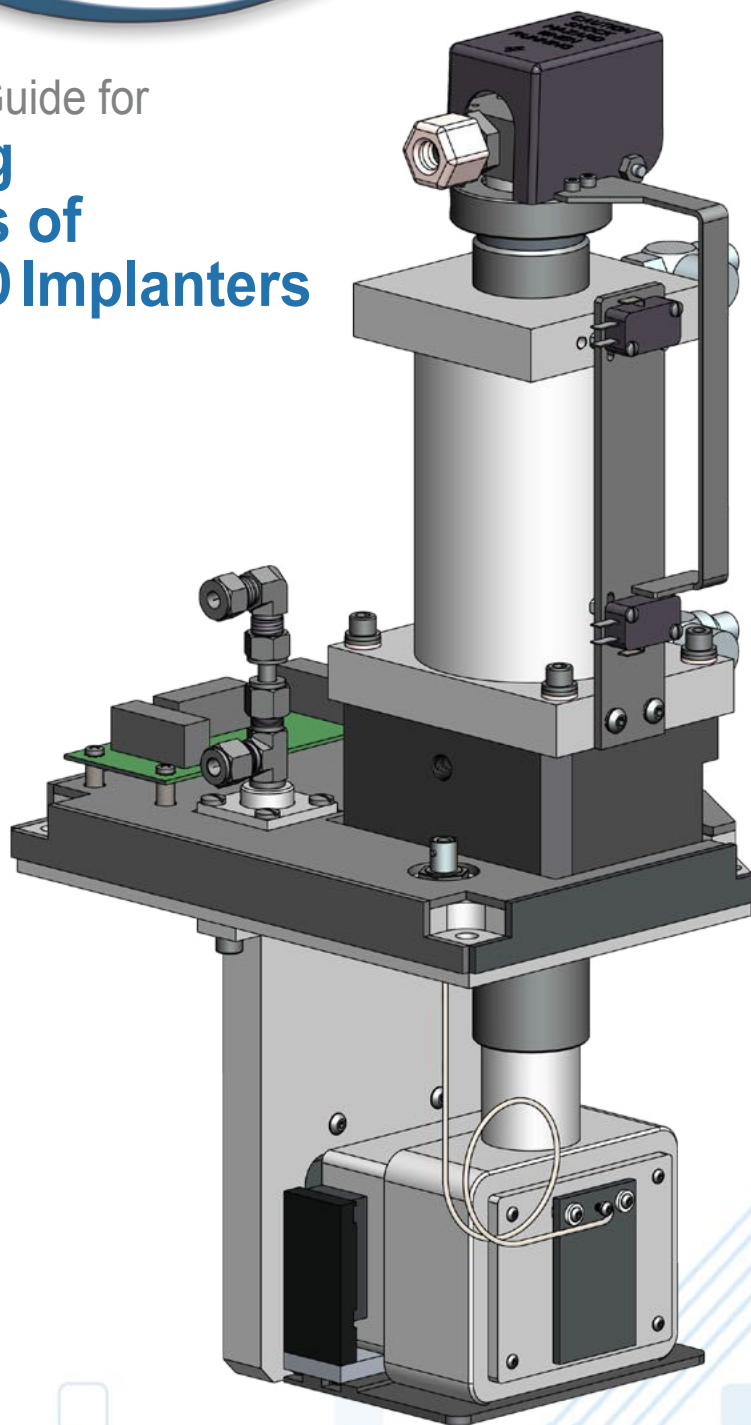




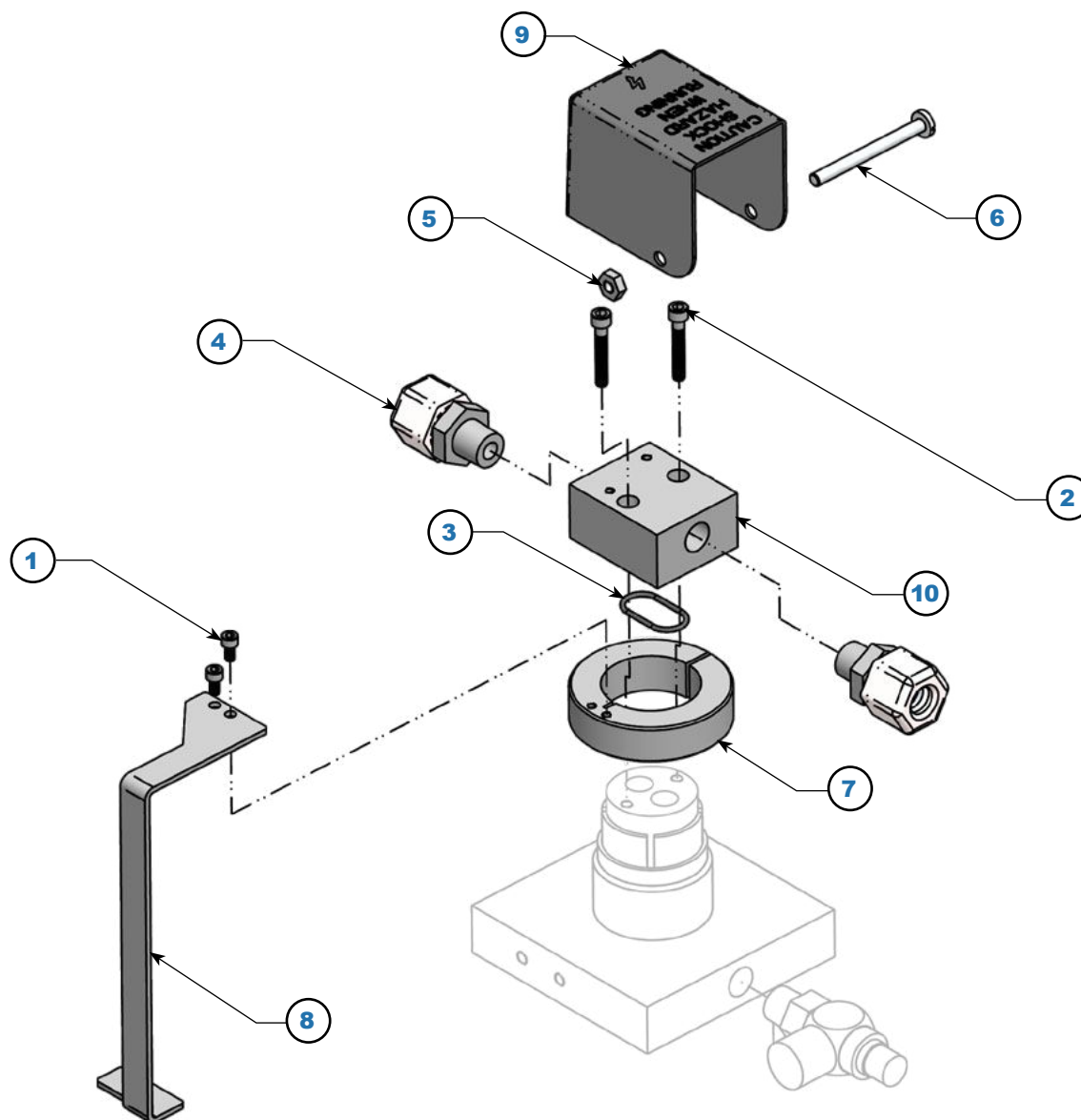
A Resource for Semiconductor Manufacturers

Illustrated Parts Guide for
Faraday Flag
Components of
Axcelis® GSD Implanters



Faraday Flag Components

Section 1

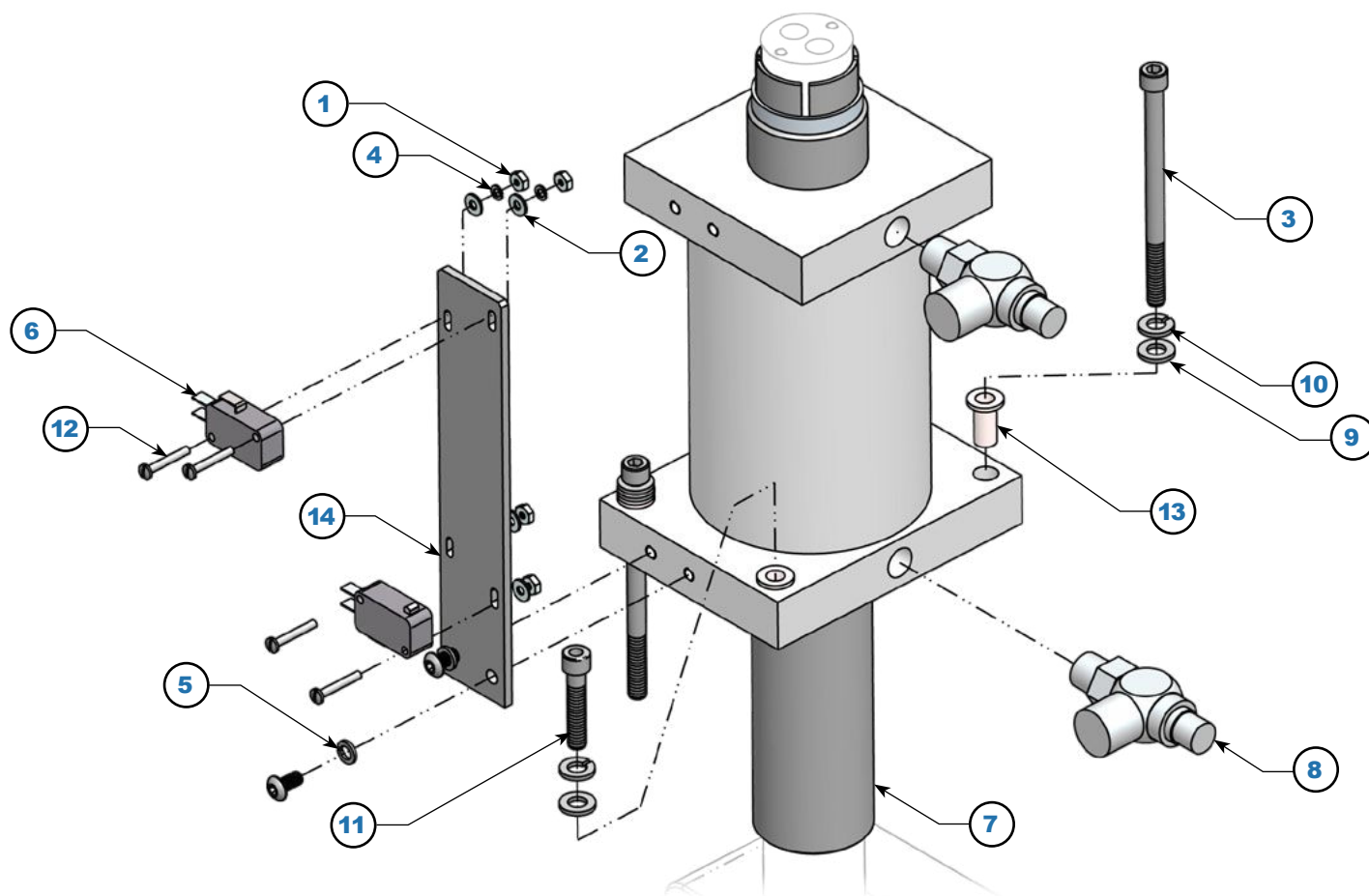


Item	P/N	Description	OEMs	Qty
1	82412	SHCS, Cap Screw, 6-32 X 1/4", SST	6973-0002-6202	2
2	82433	SHCS, Cap Screw, 8-32 X 1", SST	1231110820	2
3	8A222	O-Ring, -018, Buna-N	No OEM Reference	1
4	8A313	Fitting, 1/4 NPT Male	3401324	2
5	8A333	Nut, Hex, 10-32, Nylon	No OEM Reference	1
6	8A334	PH, Slotted, Binding Pan Head Screw, 10-32 X 2", Nylon	No OEM Reference	1
7	99395	Shaft Clamp Spacer, SST	1212680	1
8	99820-11	Arm, Limit Switch Activator	17133500	1
9	99820-12	Cover	17104770	1
10	99820-4	Manifold	17065260	1

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Faraday Flag Components

Section 2

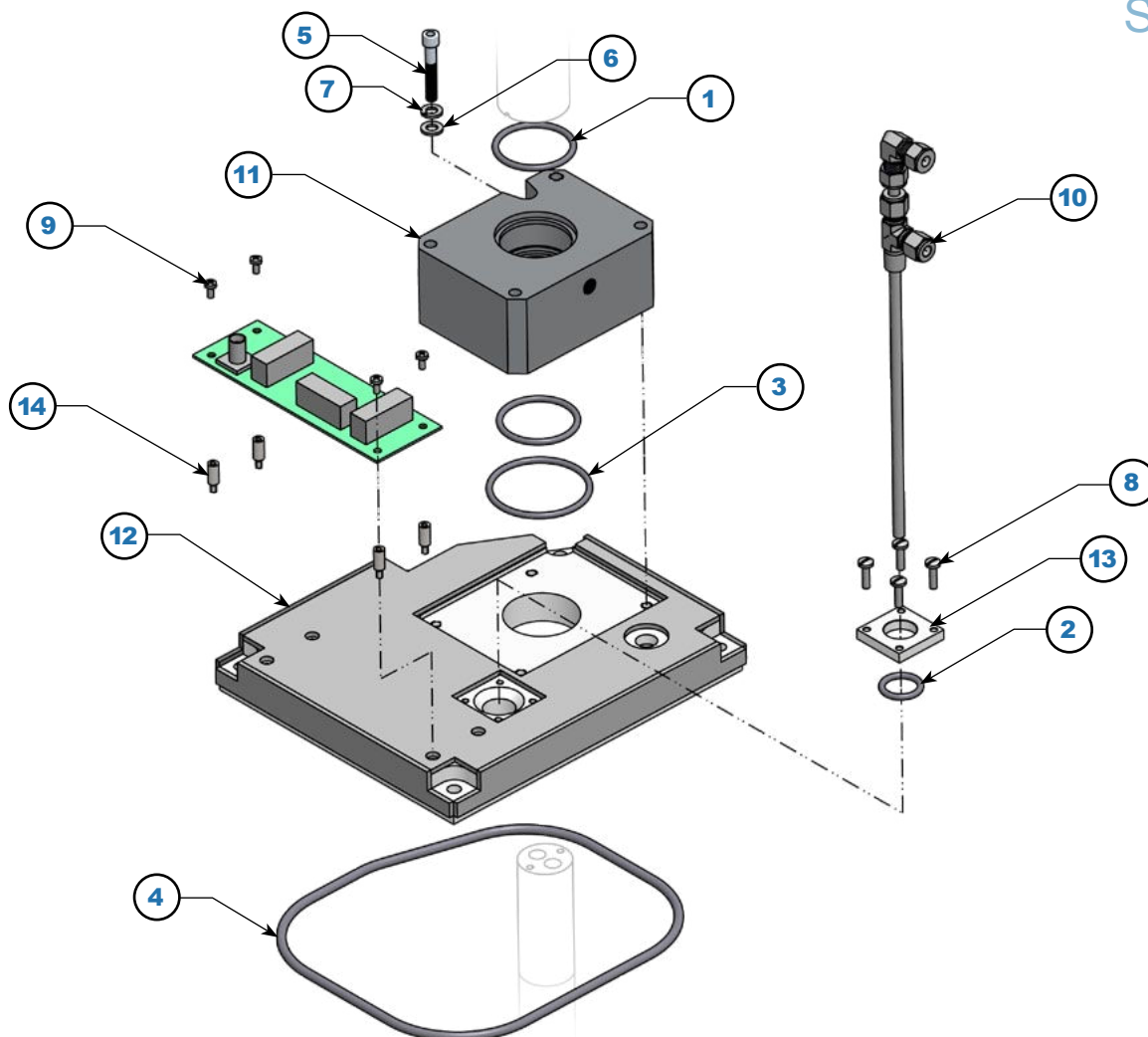


Item	P/N	Description	OEMs	Qty
1	82294	Nut, Hex, 4-40, SST	5053-0001-0042	4
2	82455	Washer, Flat, #4, .032TH, SST	1412200400	4
3	82458	SHCS, Cap Screw, 1/4-20 x 3.50, Alloy	No OEM Reference	4
4	82601	Washer, Lock, Regular Spring, #4, .120 ID, .209 OD, .025 Thick, SST	48K00033	4
5	82608	Washer, Lock, Regular Spring, #10, .200 ID, .334 OD, .047 Thick, SST	8465-0002-0102	2
6	8A312	Limit Switch	6500393	2
7	8A315	Air, Cylinder, 3" Bore X 3.25" Stroke	No OEM Reference	1
8	8A316	Flow Control, Recessed	No OEM Reference	2
9	8A331	Washer, Flat, .260 ID, .500 OD, .06 Thick, Black Oxide Finish	No OEM Reference	4
10	8A332	Washer, Lock, 1/4 Regular Spring, .260 ID, .489 OD, .06 Thick, Black Oxide Finish	No OEM Reference	4
11	8A335	SHCS, Cap Screw, 1/4-20 X 1-1/4, Alloy	No OEM Reference	1
12	8A338	PH, Slotted Pan Head Screw, 4-40 X 3/4", SST	No OEM Reference	4
13	8A345	Washer, Shoulder, .260 ID, .500 OD X .060 Long, .312 OD X .630 Shnk Lgth, Nylon	4000982	4
14	99820-8-1	Support Plate, Bracket	17065280	1

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Faraday Flag Components

Section 3

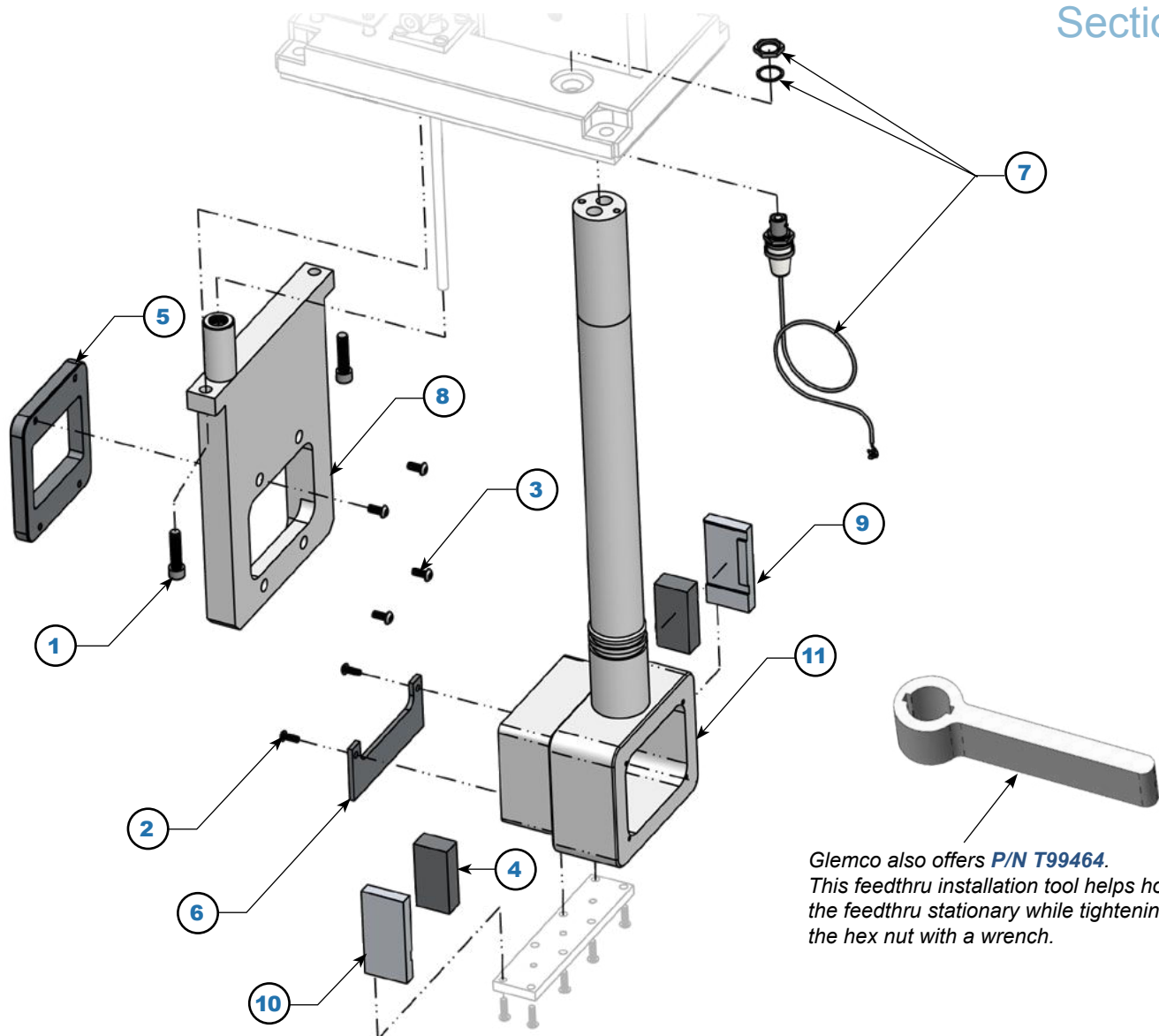


Item	P/N	Description	OEMs	Qty
1	82216	O-Ring, -223, Buna-N	No OEM Reference	2
2	83110	O-Ring, -210, Buna-N	3500032	1
3	83127	O-Ring, -227, Buna-N	3500104	1
4	83269K	O-Ring, 7.975 ID X .210 W, 4079 Kalrez®	22-00657-00	1
5	84171	SHCS, Cap Screw, 1/4-20 X 1.5 Long, Alloy	No OEM Reference	1
6	8A331	Washer, Flat, .260 ID, .500 OD, .06 Thick, Black Oxide Finish	No OEM Reference	4
7	8A332	Washer, Lock, Regular Spring, .260 ID, .489 OD, .06 Thick, Black Oxide Finish	No OEM Reference	4
8	8A336	PH, Slotted, Binding Pan Head Screw, 8-32 X 5/8", SST	No OEM Reference	4
9	8A337	PH, Phillips, Pan Head Screw with Internal Tooth Washer, 6-32 X 5/16, SST	No OEM Reference	4
10	99394	Cooling Tube Assembly	1215620	1
11	99721	Seal Block, GSD & HE Faraday Flag	17099140	1
12	99820-1	Base Plate Assembly, Faraday Flag	17099130	1
13	99820-1-2	Retainer, O-Ring	17065370	1
14	99820-1-3	Stand-Off	5000009	4

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Faraday Flag Components

Section 4

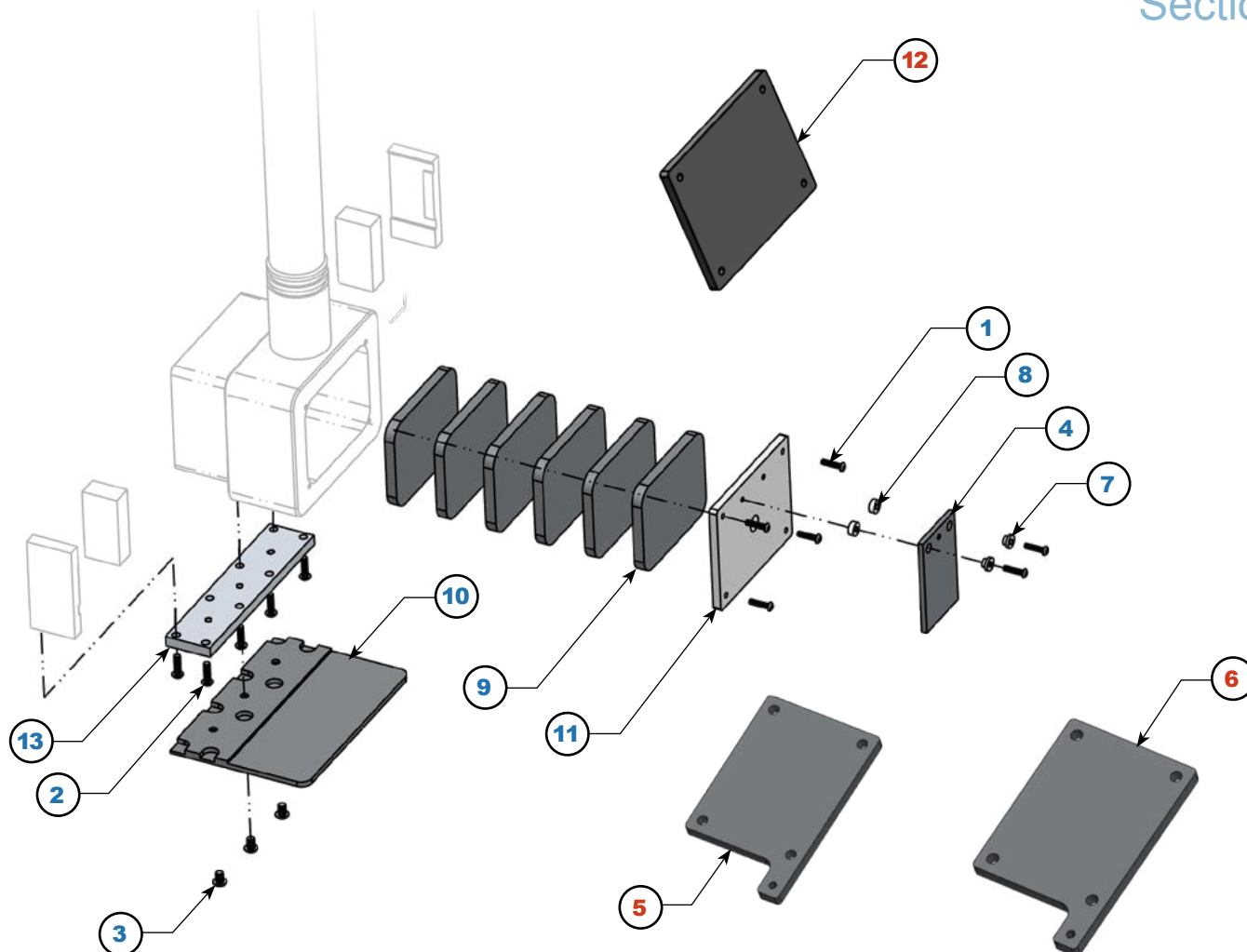


Item	P/N	Description	OEMs	Qty
1	82446	SHCS, Socket Head Cap Screw, 1/4-20 X 1", SST	1231111420	2
2	82627	BHSS, Socket, Button Head Screw, 6-32 X 3/8", SST	1236200606	2
3	82631	BHSS, Socket, Button Head Screw, 8-32 X 3/8", SST	4400183	4
4	8A314	Magnet, .50 x .88 x 1.75, Special, Samarium Cobalt	No OEM Reference	2
5	99230	Faraday Flag Aperture	17099181	1
6	99392	Flag Magnet Shield	17100461	1
7	99464	5 Amp Mini MHV Coaxial Connector, Feed-Thru	1214980	1
8	99820-2	Aperture Housing	17099190	1
9	99820-5-1	Bracket, Magnet, Right	17065301	1
10	99820-5-2	Bracket, Magnet, Left	17065300	1
11	99820-6	Faraday Cup	17104810	1

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Faraday Flag Components

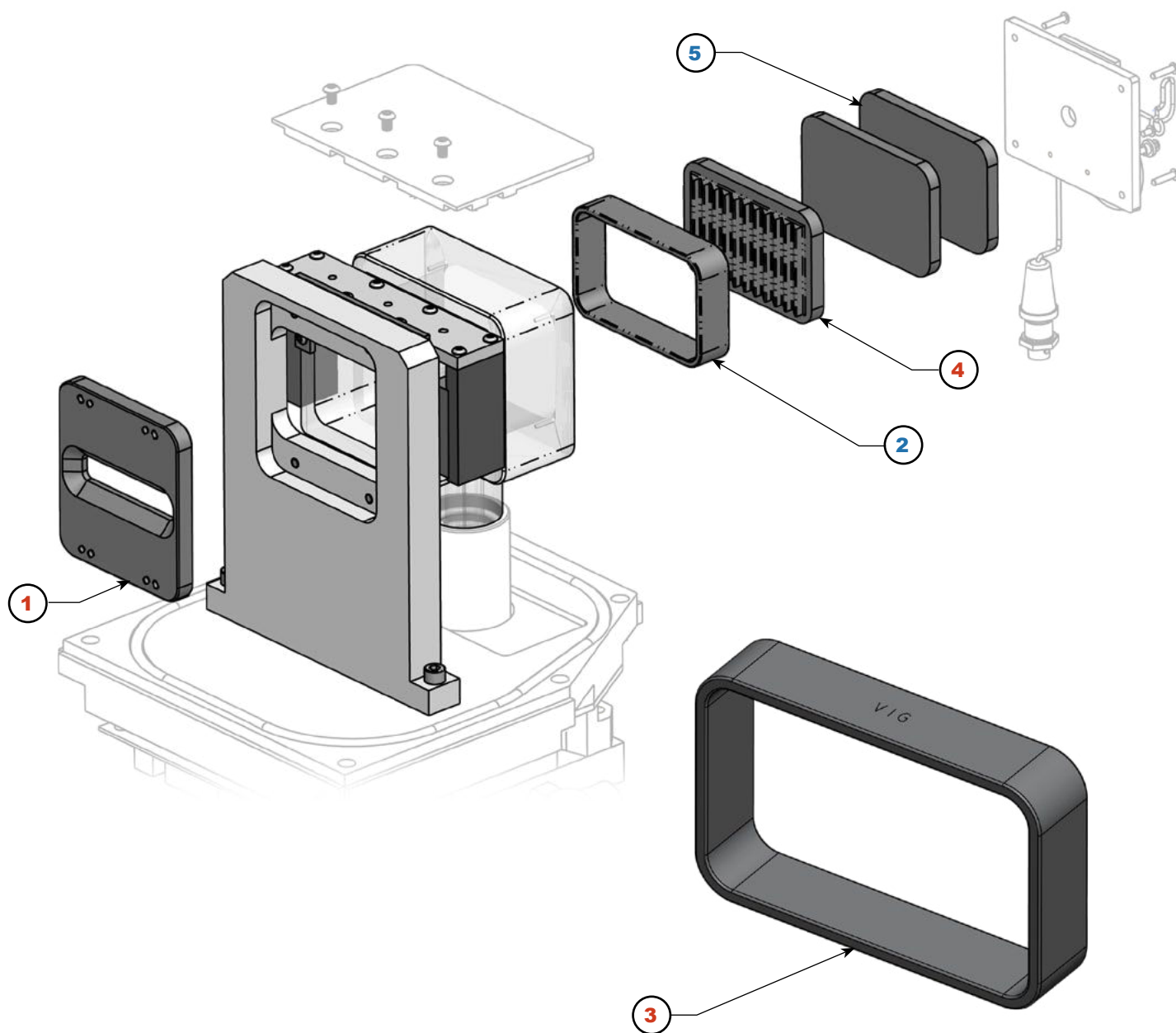
Section 5



Item	P/N	Description	OEMs	Qty
1	82621	BHSS, Socket, Button Head Screw, 4-40 X 1/2", SST	No OEM Reference	6
2	82629	BHSS, Socket, Button Head Screw, 6-32 X 1/2", SST	1236200608	8
3	82630	BHSS, Socket, Button Head Screw, 8-32 X 1/4", SST	4400735	3
4	99040A	Burn-Thru Sensor Plate	1766531	1
5	99040B	Burn-Thru Sensor Plate, Modified	1744520	
6	99040C	Burn-Thru Sensor Plate, Modified	1744520	
7	99087	Standoff Insulator	1744570	2
8	99088	Top Insulator	1744690	2
9	99339	Strike Block, Resolver Flag, HE and VHE	17099201	6
10	99390	Flag Shield	17099831	1
11	99820-10	Cover Plate, Faraday Cup	17104820	2
12	99820-10G	Cover Plate, Faraday Cup, Modified	17104820	
13	99820-5-3	Support Plate, Bracket	17099150	1

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Optional Assembly Components



Item	P/N	Description	OEMs	Qty
1	99230CV	Faraday Flag Aperture, Custom Slit, VIG	17099181	1
2	99679	Spacer, Strike Plate	17320320	1
3	99679V	Spacer, Strike Plate, VIG	17320320	
4	99681AV	Strike Plate, Serrated, Modified, VIG	17319860	1
5	99781	Strike Plate	17319860	2

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