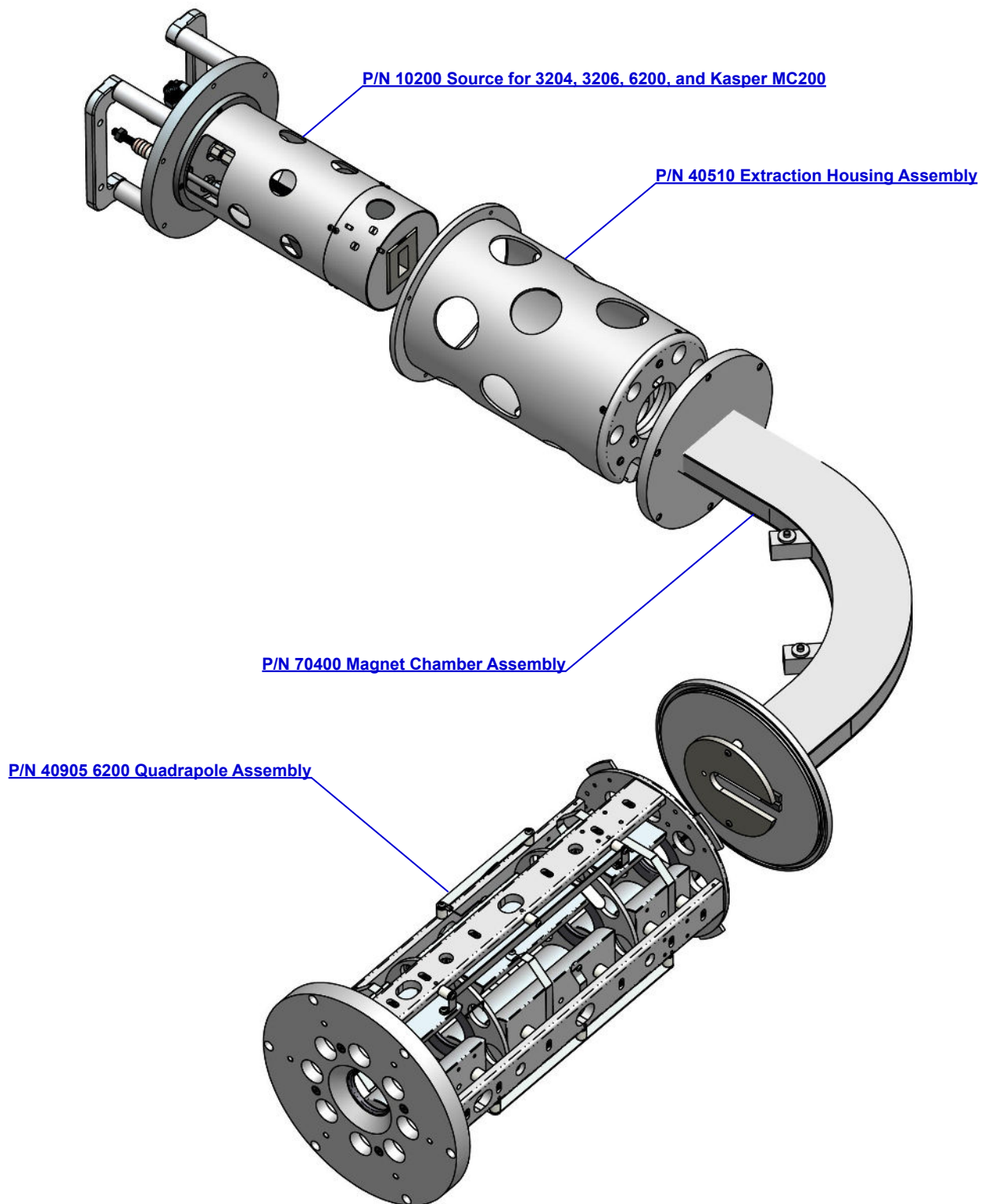


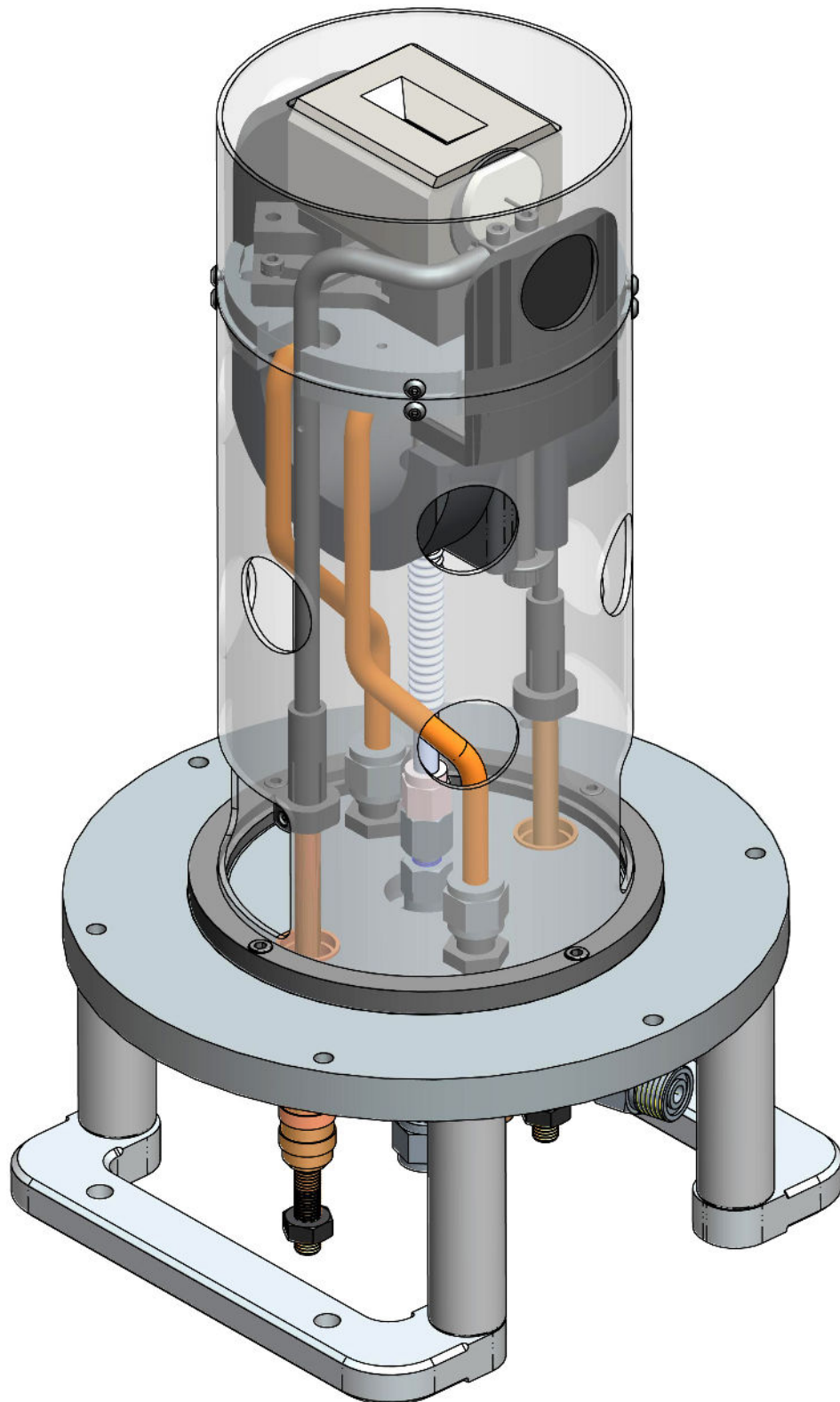


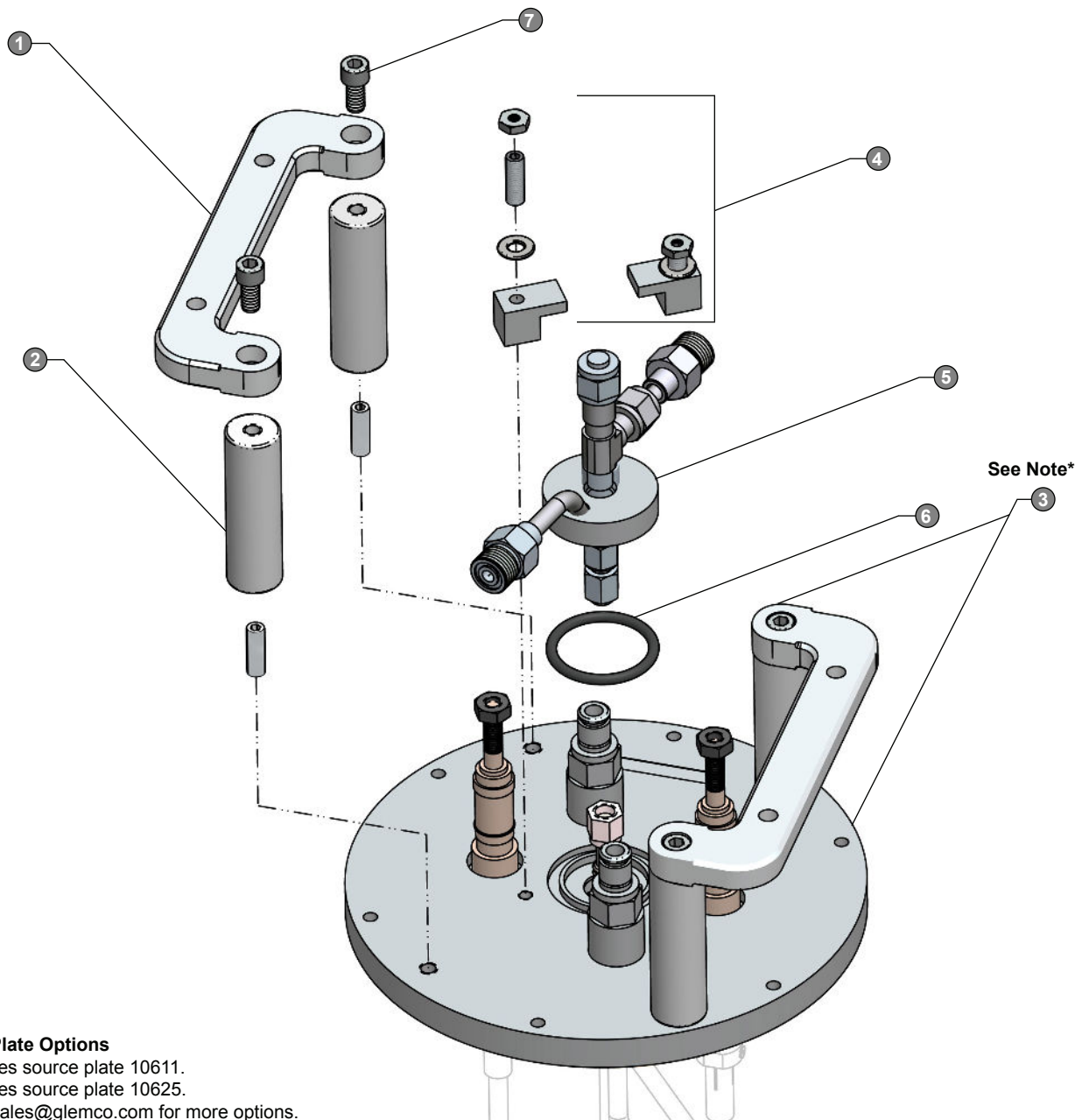
Components for 6200AV





P/N 10200 Source for 3204, 3206, 6200, and Kasper MC200





Note*

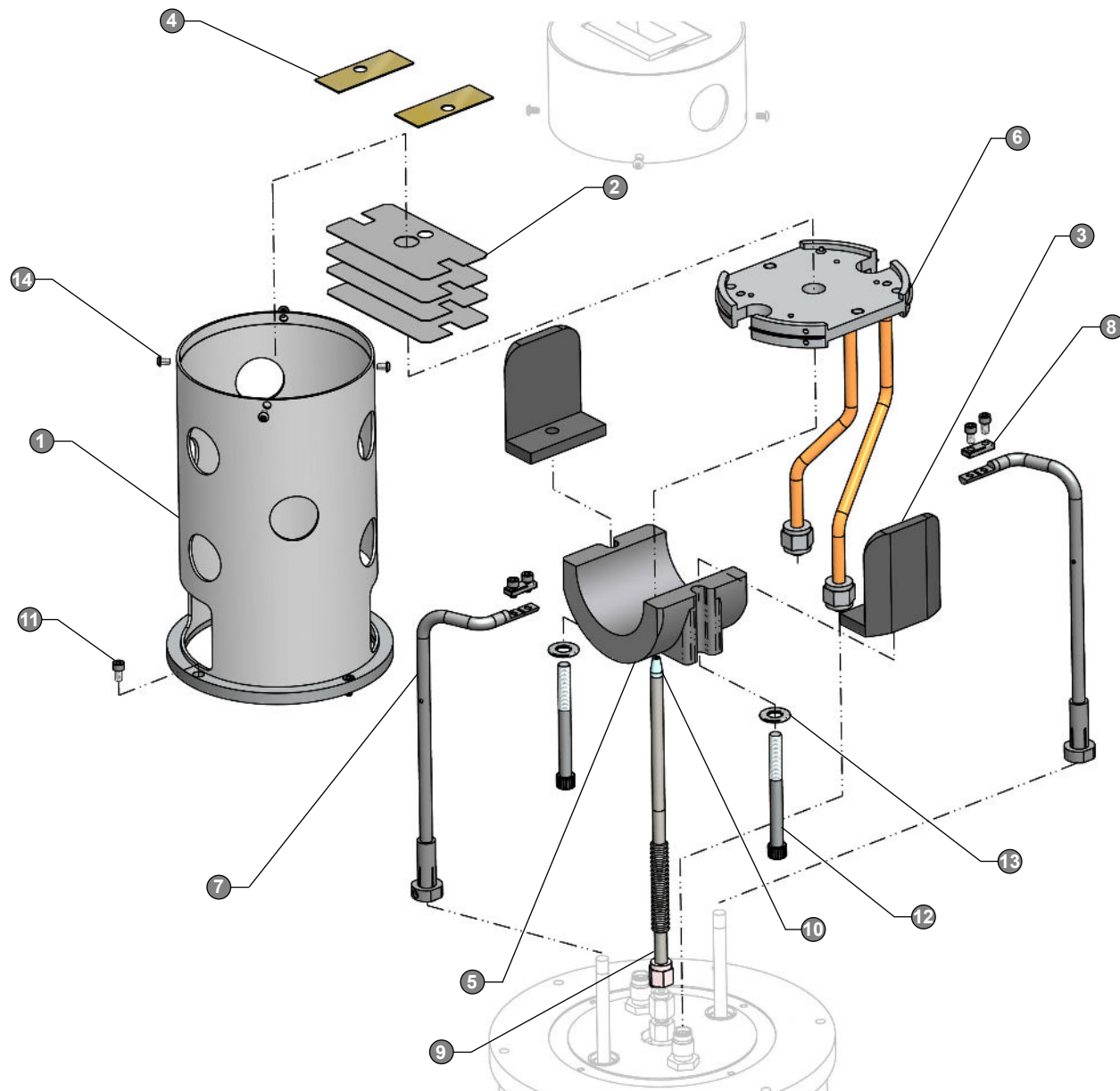
Source Plate Options

10200 uses source plate 10611.

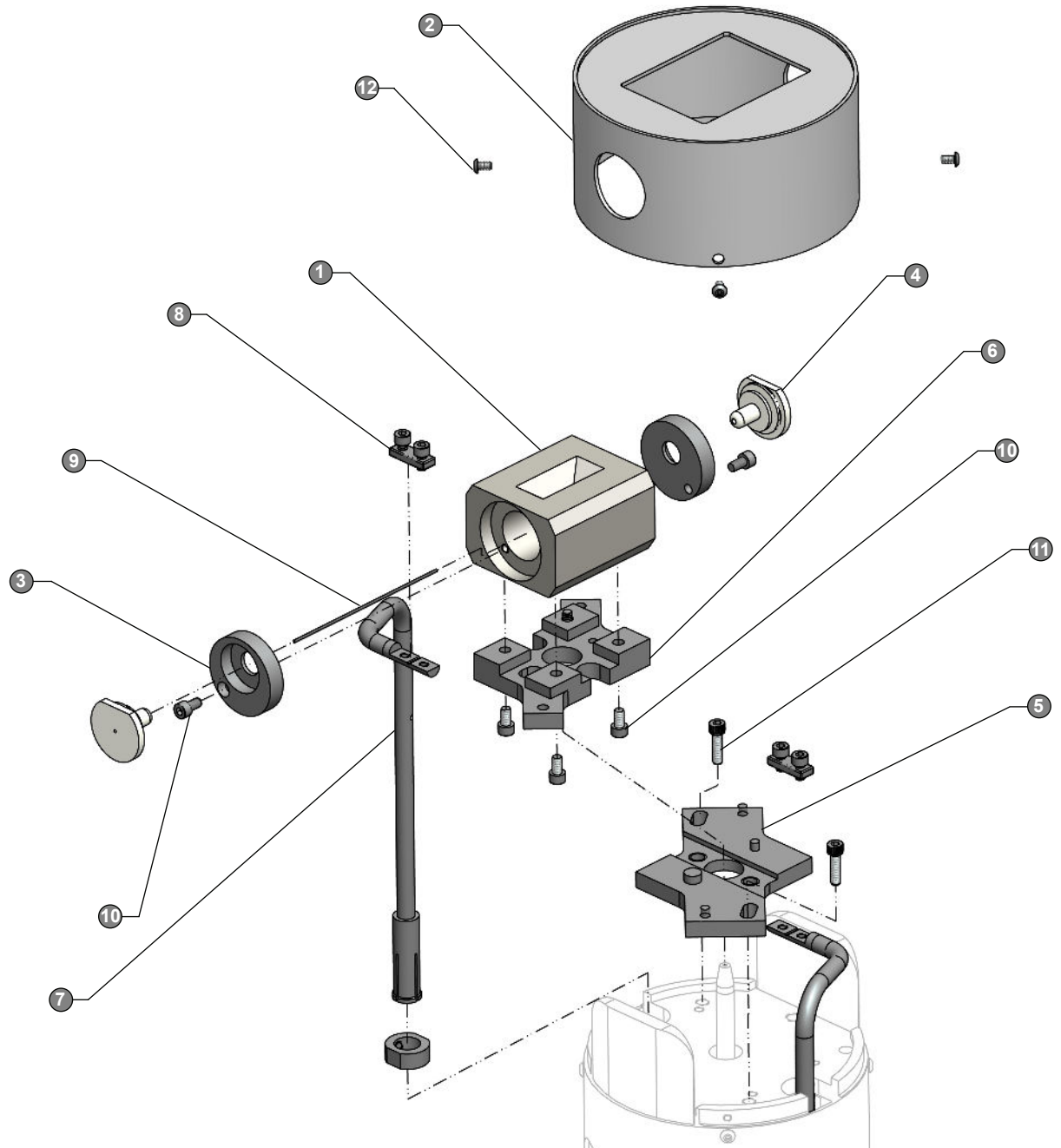
10210 uses source plate 10625.

Contact sales@glemco.com for more options.

Item	P/N	Description	OEM	QTY
1	10302	Source Handle, 6200 Series	2710-0009-2001	2
2	10303	Handle Standoff	7188-0020-1001	4
3	10611	Source Plate Assembly, With Handles	0342-0563-3001	1
4	40104	Vapor Source Clamp, Set	0951-0008-1001	1
5	40115	Gas Tube Manifold	No Reference	1
6	82211V	O-Ring, -218, Viton	3500313	1
7	82444	SHCS 1/4-20 X 1/2" SST	1231201408	4



Item	P/N	Description	OEM	QTY
1	10300	Source Can	0342-0562-2001	1
2	10304	Magnet Shunt, Set	7120-0001-2001	4
3	10305	Magnet Pole	5936-0001-2001	2
4	10306	Copper Thermal Seal	7058-0001-1001	2
5	10307	Source Magnet	4630-0002-2001	1
6	10610	Single Gas Cooling Plate	0342-0565-3001	1
7	30200	Filament Buss Assembly	0342-0369-3001	2
8	30210	Filament Clamp	0951-0003-1001	2
9	40105	Gas Feed Tube	No Reference	1
10	40110	Gas Feed Tube Nozzle	No Reference	1
11	82412	6-32 X 1/4", SHCS, SST 18-8	6973-0002-6202	4
12	82447	SHCS 1/4-20 X 2 1/2" SST	No Reference	2
13	82486	Washer 1/4" Standard 18-8 SST	No Reference	2
14	82623	4-40 X 3/16" BHSS, SST	1236200404	4

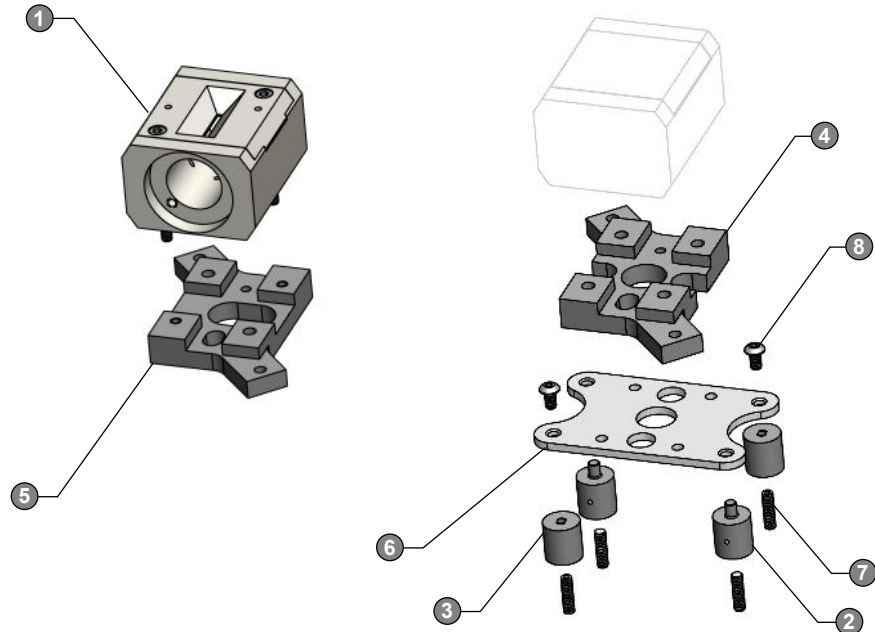


Item	P/N	Description	OEM	QTY
1	10100	Arc Chamber	0896-0005-4001	1
2	10301	Corona Shield	0342-0934-3001	1
3	20100	Arc Chamber End-cap	0843-0007-2001	2
4	30100	Filament Insulator	3110-0015-2001	2
5	30106	No.1 Arc Chamber Mounting Stage	No Reference	1
6	30107	No.2 Arc Chamber Mounting Stage	No Reference	1
7	30200	Filament Buss Assembly	0342-0369-3001	1
8	30210	Filament Clamp	0951-0003-1001	2
9	30550	Filament	1979-0001-1001	1
10	82412	6-32 X 1/4", SHCS, SST 18-8	6973-0002-6202	6
11	82415	6-32 X 1/2" SHCS, SST	1231200608	2
12	82623	4-40 X 3/16" Button Head Socket Screw, SST	1236200404	4



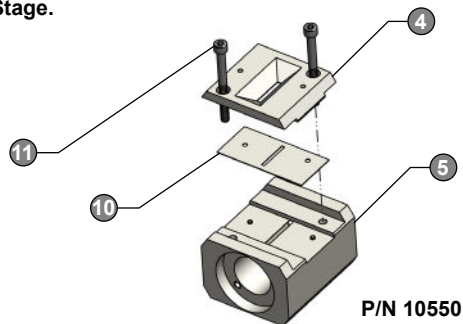
Standard Arc Chamber Options

In this two piece system, the No. 1 mounting stage attaches to the cooling plate and the No. 2 mounting stage to the arc chamber without a lengthy realignment procedure. P/N 30107 is for use with arc chambers: P/N's 10100, 10110, 10512, and 10600. P/N 30108 is for use with arc chambers: P/N's 10550 and 10650.

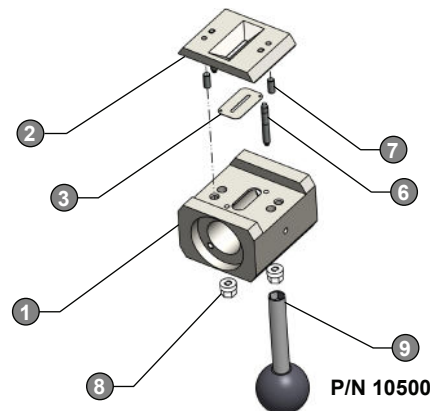


Item	P/N	Description	OEM
1	10550	3 Pc. Arc Chamber Assembly	0897-0034-0001
2	20500	Arc Chamber Support	7188-0012-1001
3	20501	Arc Chamber Spacer	7188-0012-1002
4	30107	No. 2 Arc Chamber Mounting Stage	No Reference
5	30108	No. 2 Arc Chamber Mounting Stage	No Reference
6	40836	Arc Chamber Mounting Plate	No Reference
7	82119	6-32 X 1/2", Set Screw, 18-8 SST	4400082
8	82625	BHSS 6-32 X 1/4" SST	6970-0002-6206

These arc chambers are interchangeable with P/N 10100 when used with appropriate Mounting Stage.



P/N 10550

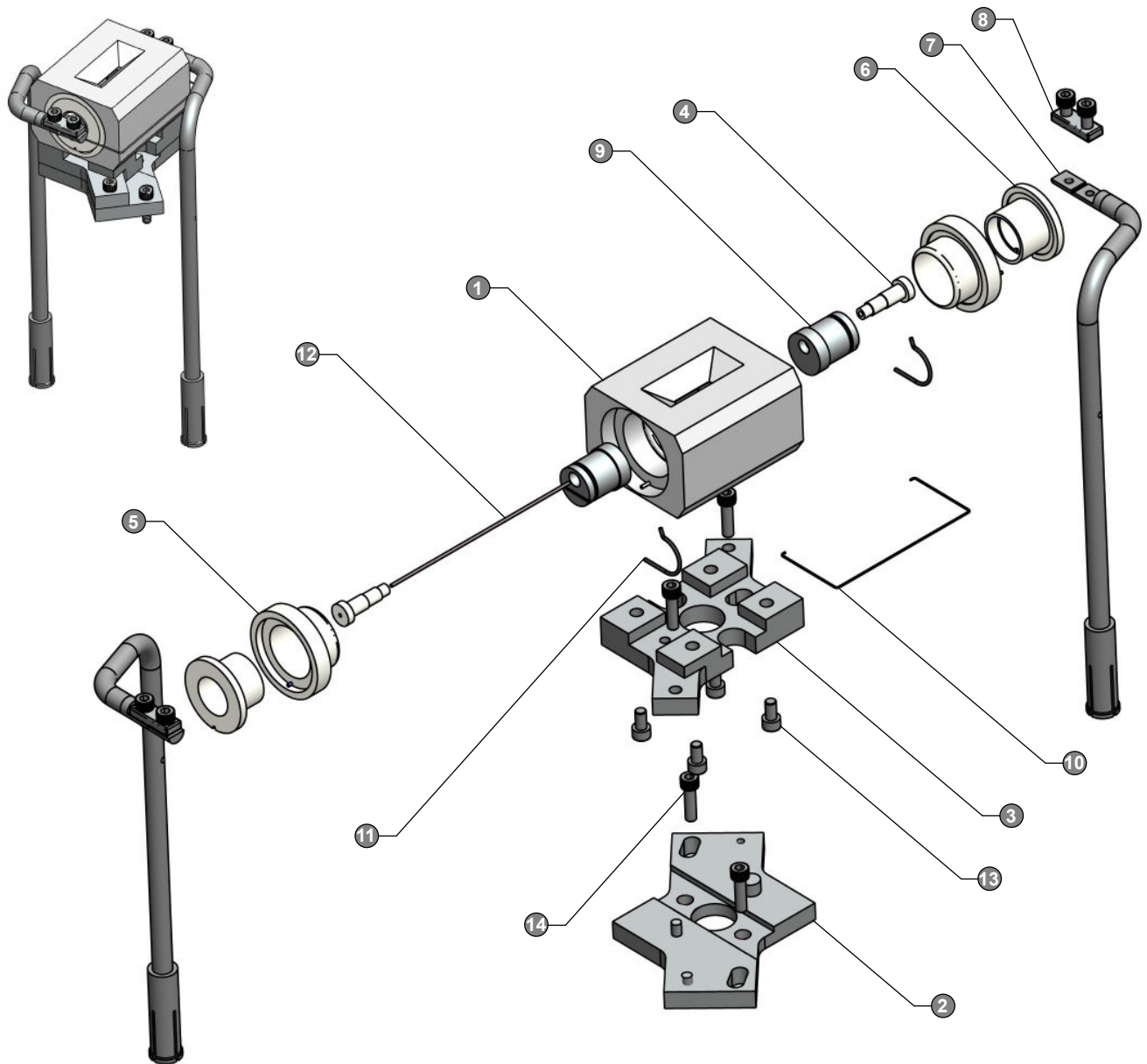


P/N 10500

Item	P/N	Description	OEM
1	10501	3 Piece Arc Chamber Body, Molybdenum	No Reference
2	10502	Top Plate, 3 Piece Arc Chamber, Molybdenum	No Reference
3	10503	3 Piece Arc Chamber Aperture, Molybdenum	No Reference
4	10551	Top Plate, 3 Piece Arc Chamber, Molybdenum	1550-0017-0001
5	10556	3 Piece Arc Chamber Body, Molybdenum	No Reference
6	10700	Arc Chamber Stud	No Reference
7	10701	Arc Chamber Alignment Pin	No Reference
8	10703	Arc Chamber Ceramic Nut	No Reference
9	10704	Nut Driver	No Reference
10	30501	Emissive Insert, Molybdenum	3100-0012-0001
11	82425	SHCS 6-32 x 1.5" SST	44K00099



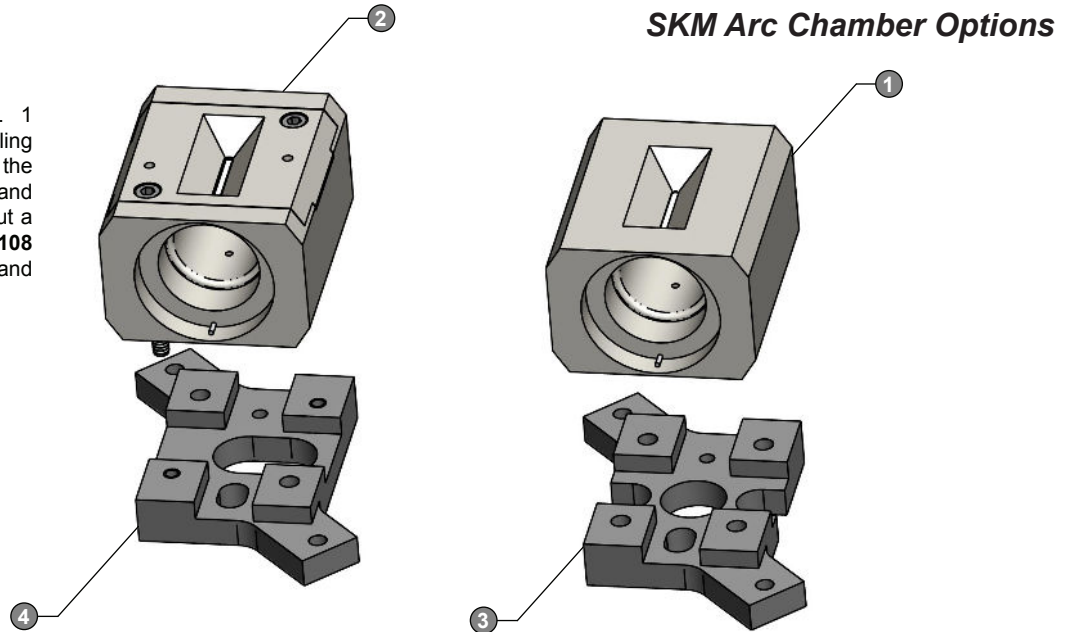
Arc Chamber Assembly SKM Source



Item	P/N	Description	OEM	QTY
1	10110	Arc Chamber, SKM Style	0896-0030-0001	1
2	30106	No. 1 Arc Chamber Mounting Stage	No Reference	1
3	30107	No. 2 Arc Chamber Mounting Stage	No Reference	1
4	30120	Filament Insulator, Boron Nitride	3111-0004-0001	2
5	30130	Outer Electrode Insulator	3111-0005-0001	2
6	30140	Inner Electrode Insulator	3113-0015-0001	2
7	30200	Filament Buss Assembly	0342-0369-3001	2
8	30210	Filament Clamp	0951-0003-1001	2
9	30500	Filament Electrode	1550-0016-0001	2
10	30505	SKM Electrode Connector	1001-0016-0001	1
11	30515	Tungsten Retainer Clip	6692-0083-0001	2
12	30565	SKM Pure Tungsten Filament	1979-0004-0001	1
13	82412	6-32 X 1/4", SHCS, SST 18-8	6973-0002-6202	4
14	82415	6-32 X 1/2" SHCS, SST	1231200608	4

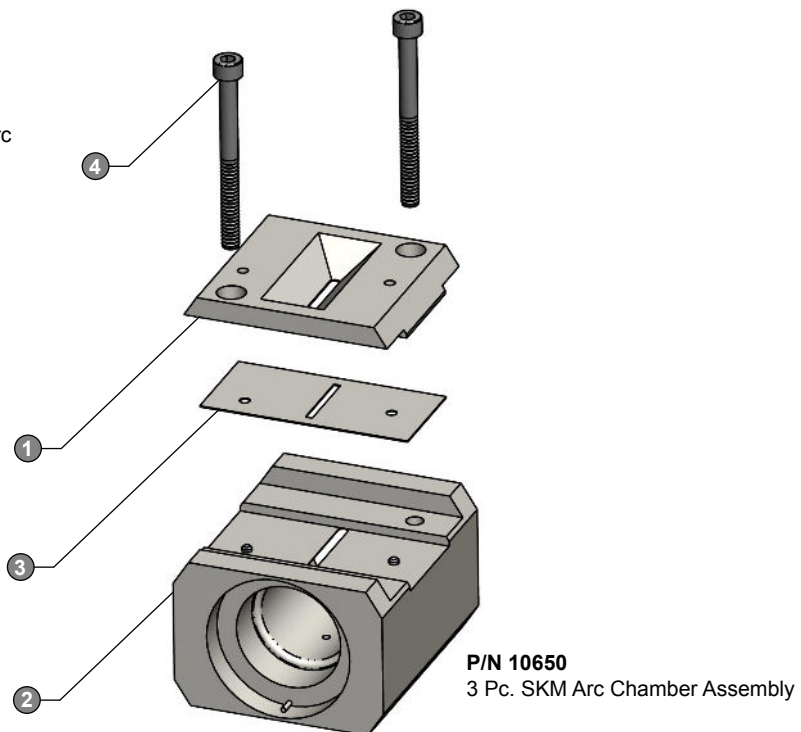


In this two piece system, the No. 1 mounting stage attaches to the cooling plate and the No. 2 mounting stage to the arc chamber, allowing the removal and replacement of the arc chamber without a lengthy realignment procedure. **P/N 30108** is for use with arc chamber **P/N 10110** and **P/N10650**.



Item	P/N	Description	OEM
1	10110	SKM Arc Chamber	0896-0030-0001
2	10650	3 Pc. SKM Arc Chamber Assembly (Direct OEM Replacement)	0897-0033-0001
3	30107	No. 2 Arc Chamber Mounting Stage	No Reference
4	30108	No. 2 Arc Chamber Mounting Stage	No Reference

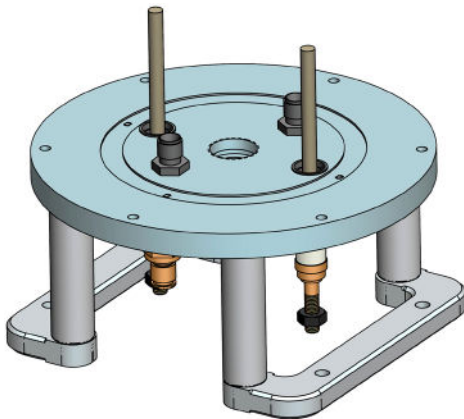
P/N 10652 SKM Three Piece Arc Chamber is interchangeable with **P/N 10110** SKM One Piece Arc Chamber



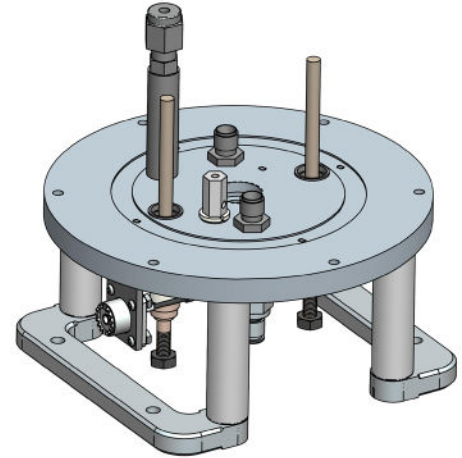
Item	P/N	Description	OEM
1	10551	3 Piece SKM Arc Chamber Top Plate, Molybdenum	No Reference
2	10652	3 Piece Arc Chamber (OEM Design), Molybdenum	0897-0033-0002
3	30501	Emissive Insert, Molybdenum	3100-0012-0001
4	82424	SHCS 6-32 X 1-1/4" SST	E47000284



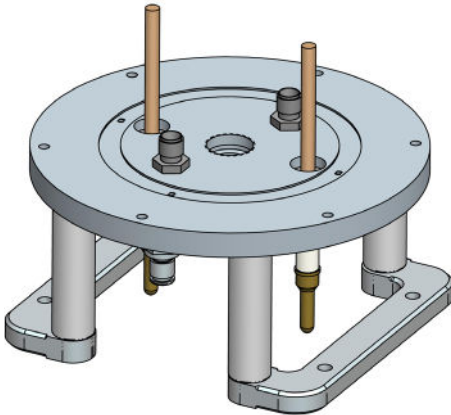
Source Plates for 3204, 3206, 6200 and Kasper MC200 Source



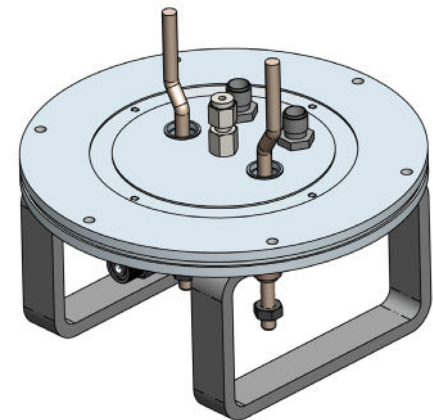
P/N 10611
OEM 0342-0563-3001
Source Plate Assembly



P/N 10611A
Source Plate Assembly



P/N 10625
6200AV Source Plate Assembly
Utilizes "Slip-On" Power Feedthru Adapters, Used
With Glemco Cable Assembly (P/N 10631)



P/N 20902
MC200 Source Plate Assembly

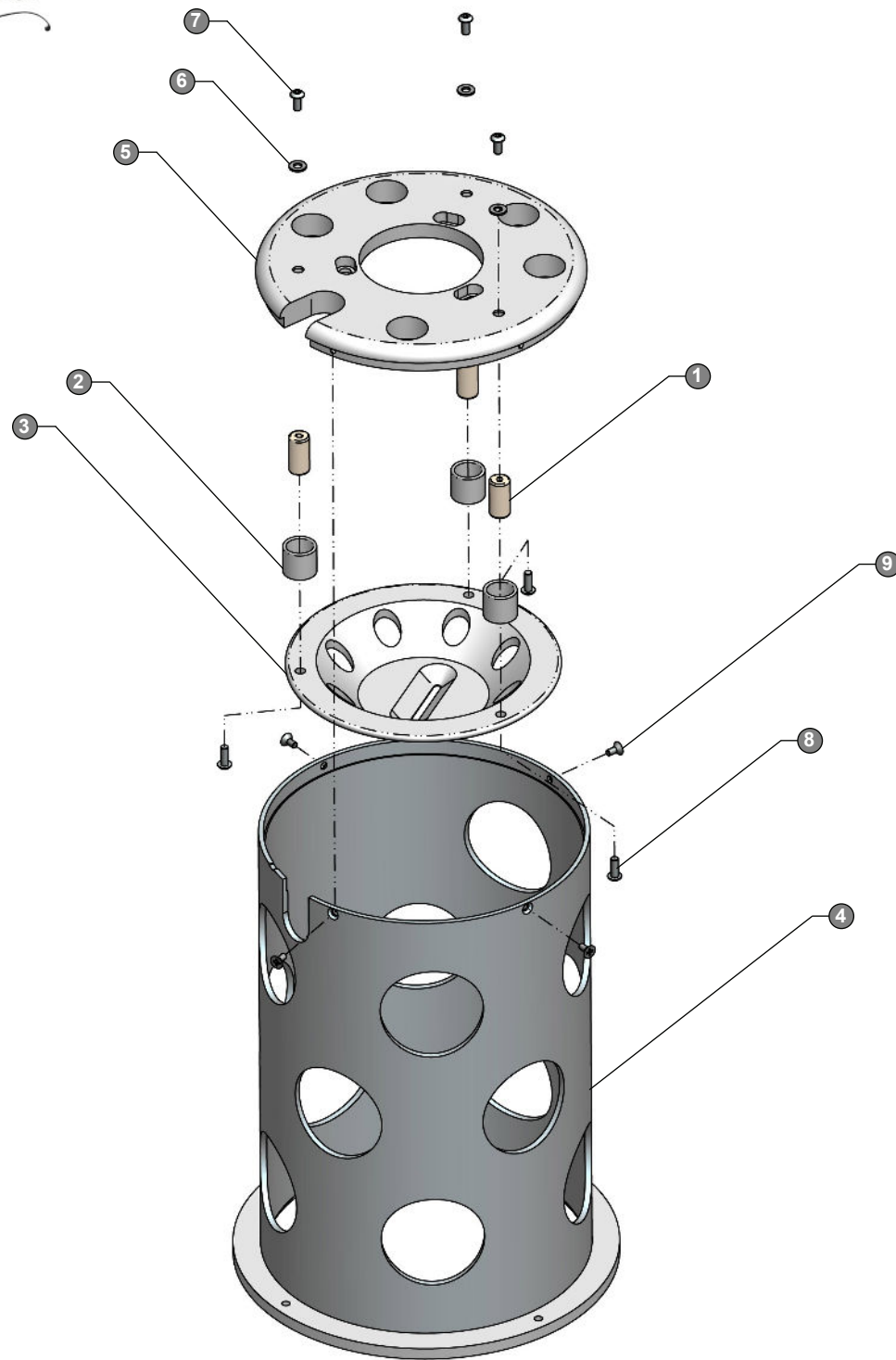


P/N 10631
OEM 0781-0164-0001
6200 AV Filament Cable Assembly

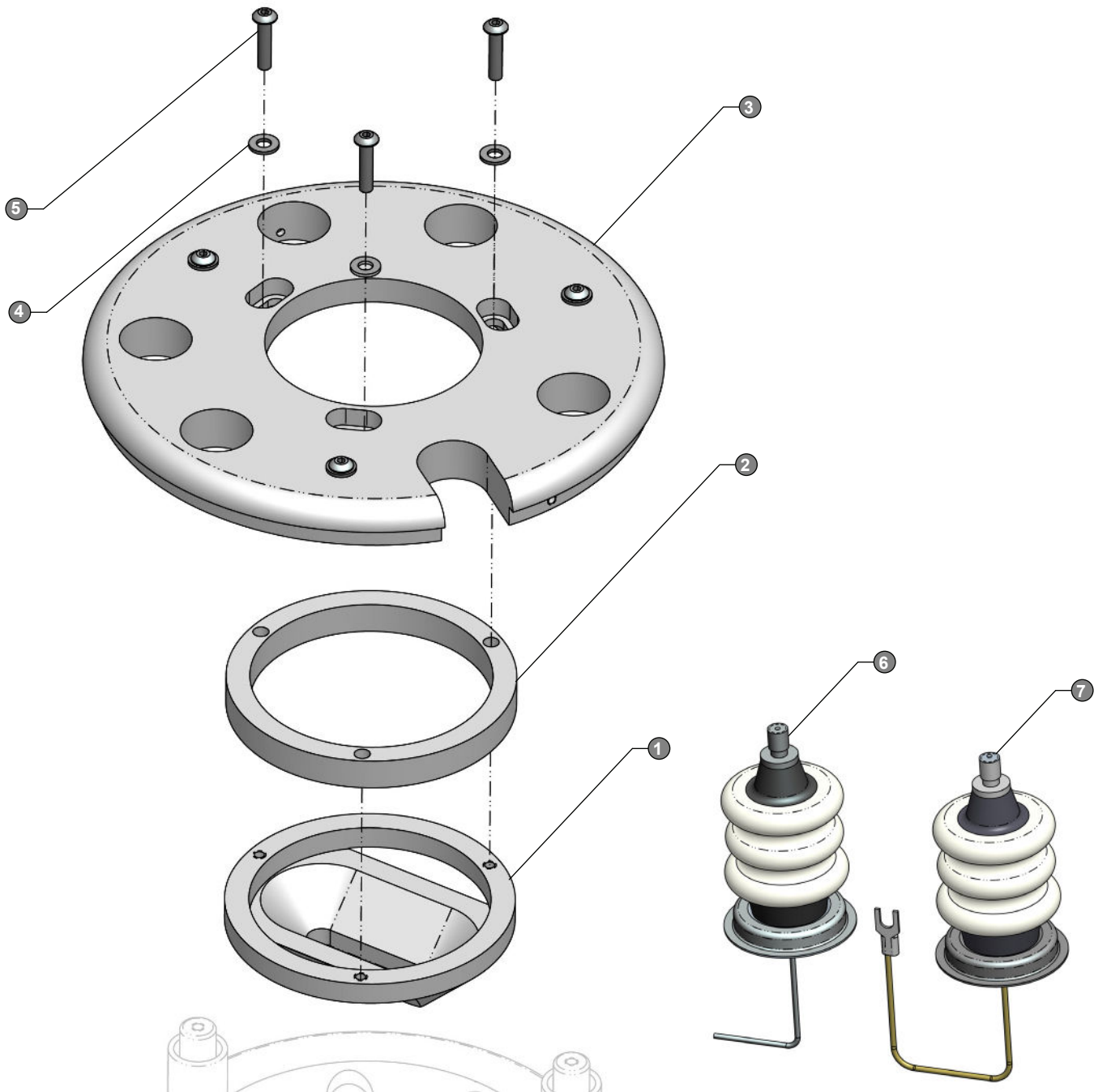


Extraction Housing Assembly

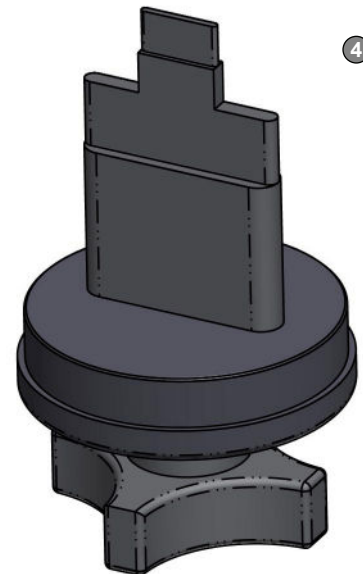
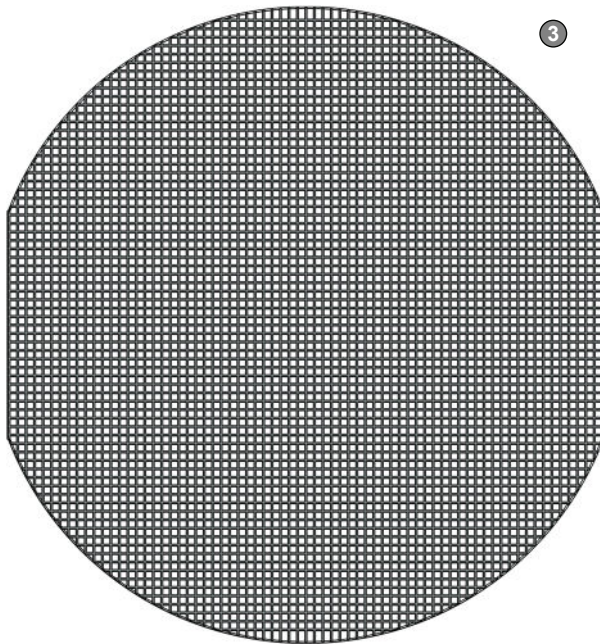
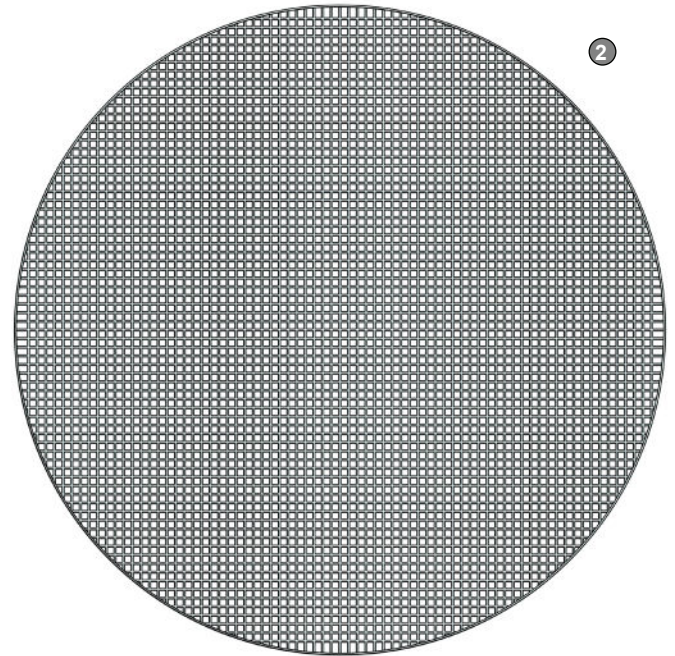
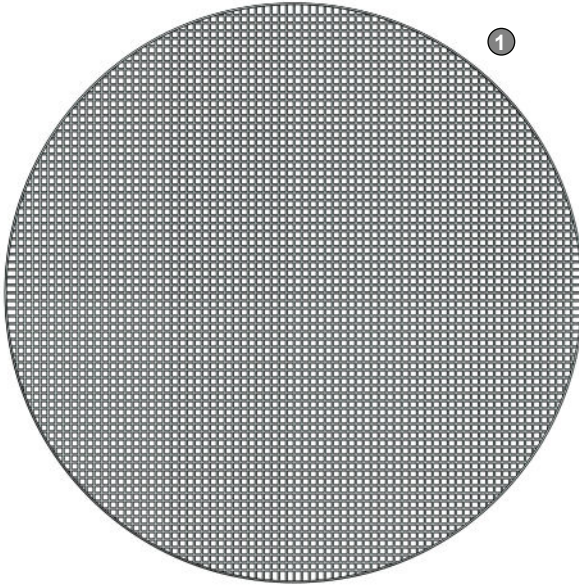




Item	P/N	Description	OEM	QTY
1	30680	Ceramic Standoff	7230-0003-0014	3
2	30710	Aluminum Cup	7103-0008-2001	3
3	40005	Extraction Electrode	1550-0014-3001	1
4	40500	Extraction Housing	No Reference	1
5	40835	Electrode Mounting Plate, Aluminum	5880-0108-3001	1
6	82472	No. 6 Washer	E48000016	3
7	82626	BHSS 6-32 X 5/16" SST	No Reference	3
8	82627	BHSS 6-32 X 5/16" SST	No Reference	3
9	82788	FHPS 4-40 X 1/4"	No Reference	4



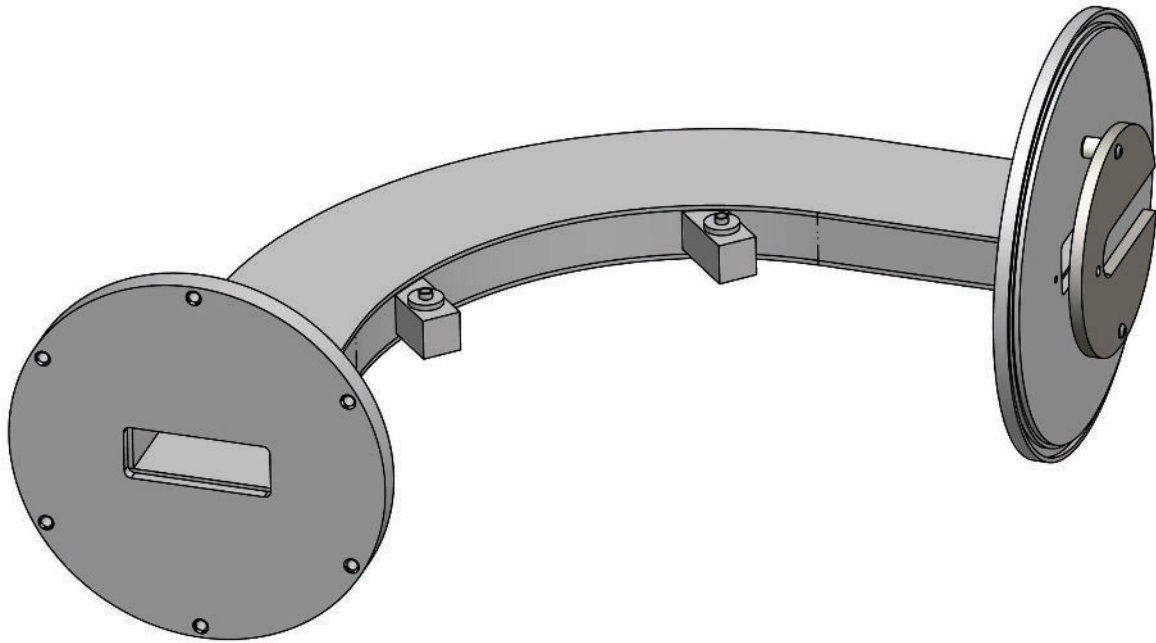
Item	P/N	Description	OEM	QTY
1	40010	Decel Electrode	1550-0013-3001	1
2	40015	Extractor Spacer, Aluminum	7188-0014-1001	1
3	40835	Electrode Mounting Plate	5880-0108-3001	1
4	82472	No. 6 Washer	E48000016	3
5	82628	BHSS 6-32 X 5/8, 18-8 SST	No Reference	3
6	30690	Accel Decel Feed-Thru	0342-0311-1001	As Needed
7	30692	Suppressor Feed-Thru	0342-0384-1001	As Needed



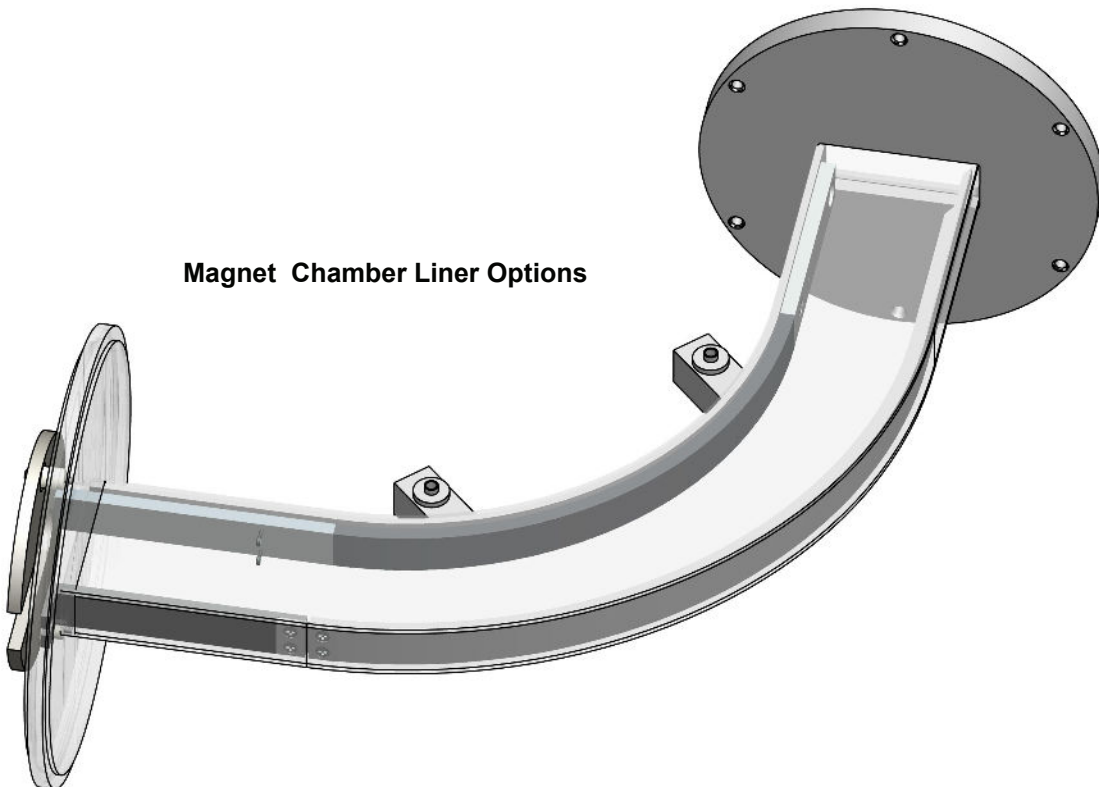
Item	P/N	Description	OEM	QTY
1	87001	Suppressor Screen	6449-0002-2001	As Needed
2	87002	Suppressor Screen	6949-0001-2001	As Needed
3	87003	Suppressor Screen	6949-0005-0001	As Needed
4	89020	Alignment Tool	3480-0001-2001	As Needed



Glemco Design Magnet Chamber Assemblies for 3204, 3206, 6200, and 6200AV Implanters

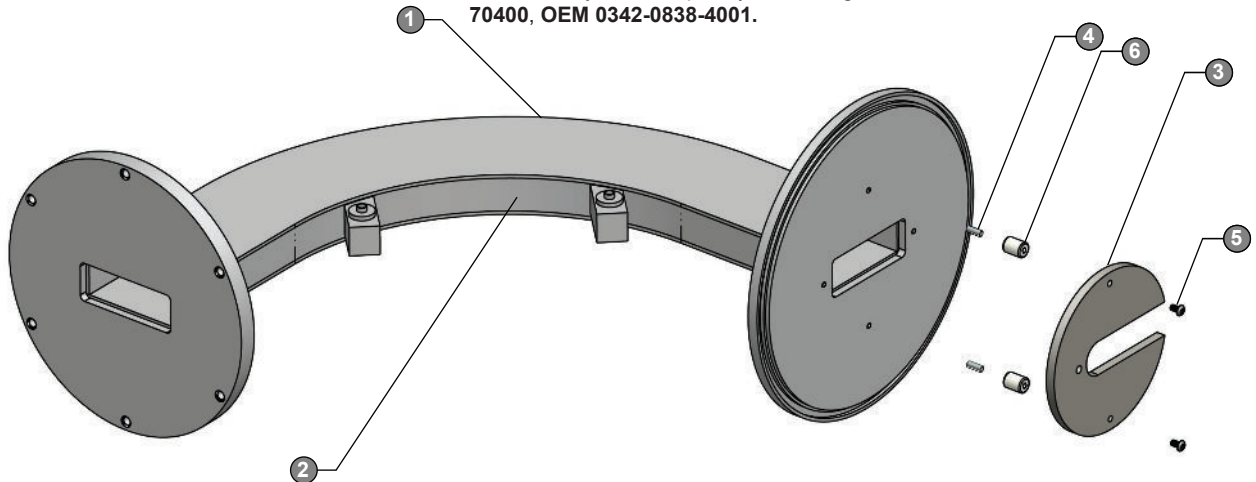


Magnet Chamber Liner Options



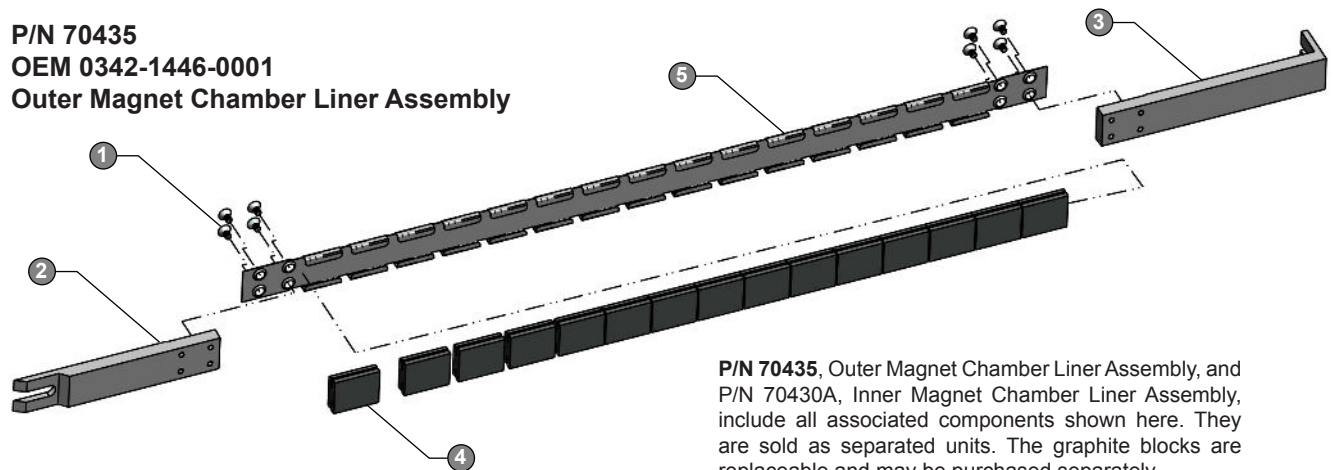


The outer wall of the Glemco designed **P/N 70405**, Magnet Liner Chamber is doubly thick and the weld locations have been moved to extend the service life of the assembly. It is completely interchangeable with **P/N 70400, OEM 0342-0838-4001**.



Item	P/N	Description	OEM	QTY
1	70400	Magnet Liner Chamber	0342-0838-4001	1
2	70405	Magnet Liner Chamber Glemco Design	No Reference	1
3	70530	Magnet Chamber Shield	0295-0006-2001	1
4	82118	Set Screw 6-32x3/8 SST	4400103	2
5	82625	BHSS 6-32x1/4"SST	44K00002	2
6	83727	Ceramic Standoff 1/2 Long x Ø 3/8 6-32 3/16DP	2866043	2

P/N 70435
OEM 0342-1446-0001
Outer Magnet Chamber Liner Assembly

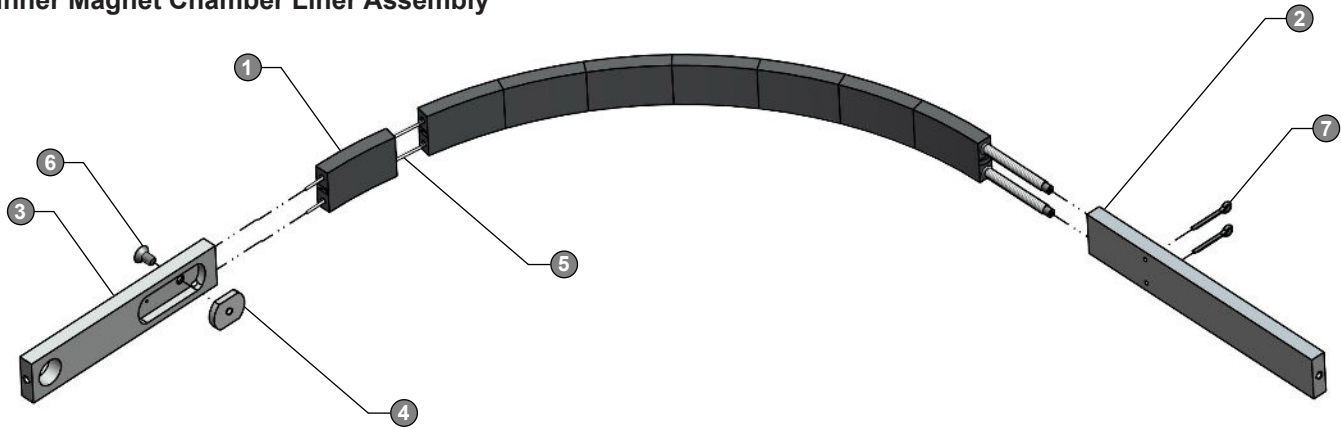


P/N 70435, Outer Magnet Chamber Liner Assembly, and **P/N 70430A**, Inner Magnet Chamber Liner Assembly, include all associated components shown here. They are sold as separated units. The graphite blocks are replaceable and may be purchased separately.

Item	P/N	Description	OEM	QTY
1	82787	FHPS 4-40 X 3/16 82° SST	4400076	8
2	70435-1	Outer Liner Assembly First End, Aluminum	No Reference	1
3	70435-2	Outer Liner Assembly Second End, Aluminum	No Reference	1
4	70435-3	Outer Liner Graphite Block	No Reference	15
5	70435-7	Outer Liner Assembly Spline, SST	No Reference	1

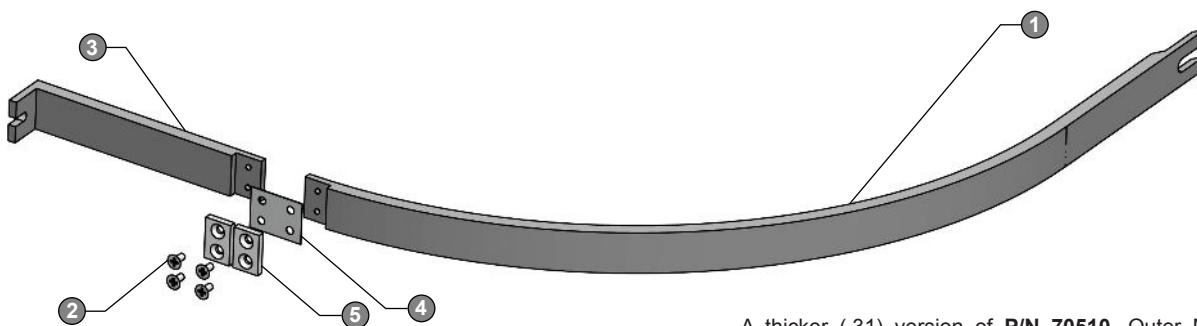


P/N 70430A
OEM 0342-1446-0001
Inner Magnet Chamber Liner Assembly



Item	P/N	Description	OEM	QTY
1	70430A-1	Inner Liner Graphite Block	No Reference	8
2	70430A-2	Inner Liner Assembly Second End, Aluminum	No Reference	1
3	70430A-3	Inner Liner Assembly First End, Aluminum	No Reference	1
4	70430A-4	Button Nut, Aluminum	No Reference	1
5	8A010	.032 OD Stranded Wire, SST	No Reference	2
6	8A015	FHPS 6-32 x .250 SST 18-8	No Reference	1
7	8A027	Assembly Pin, SST	No Reference	2

P/N 70450
OEM 7103-0041-4001
Outer Magnet Chamber Liner

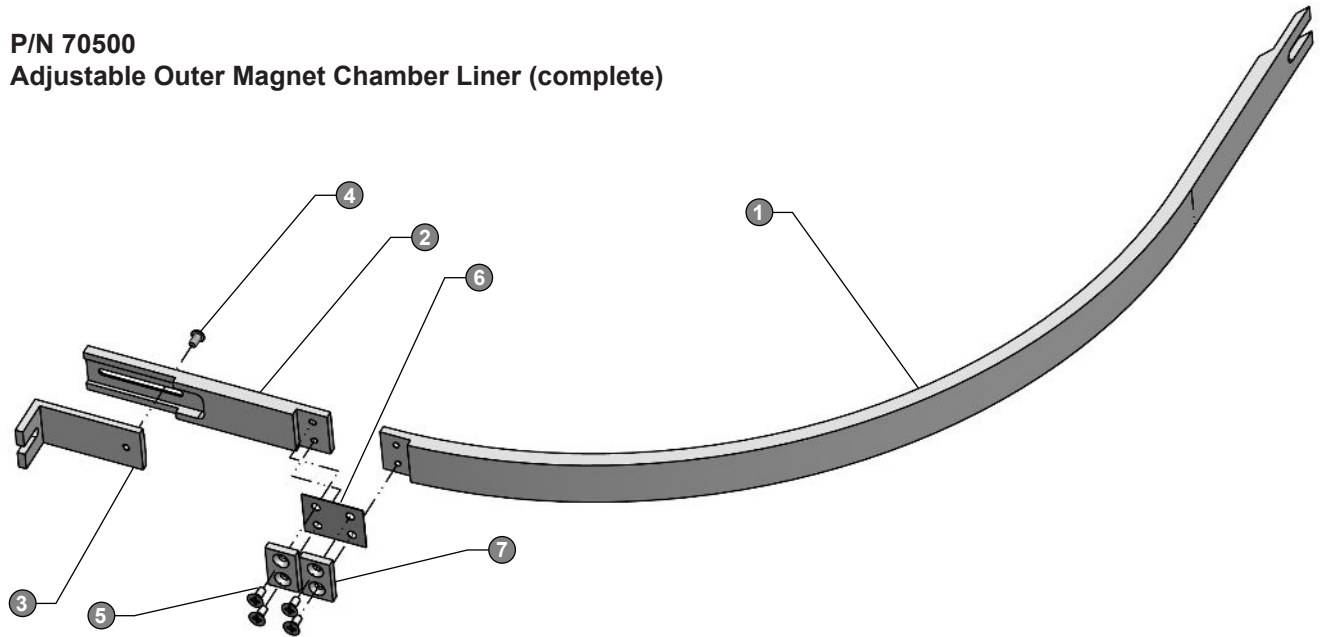


A thicker (.31) version of **P/N 70510**, Outer Magnet Chamber Liner, curved end, is available as **P/N 70510A**

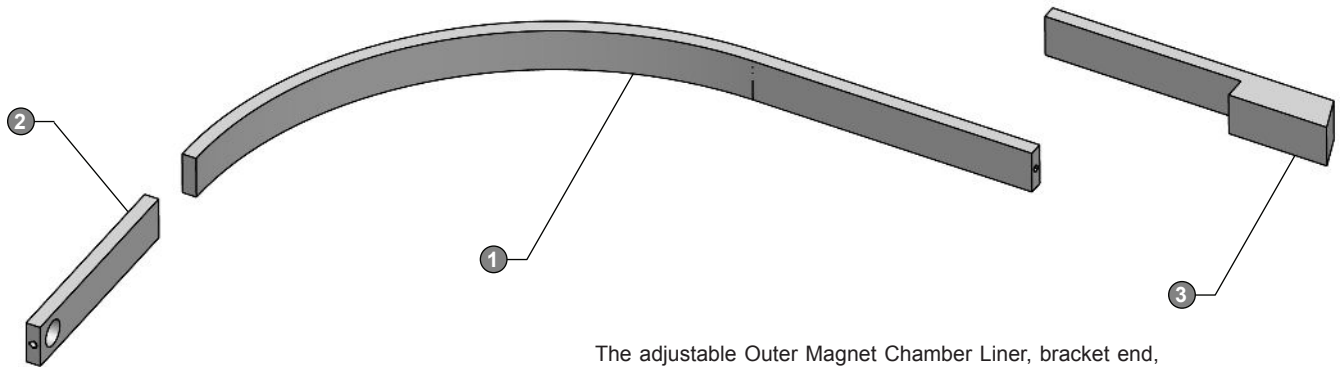
Item	P/N	Description	OEM	QTY
1	70510	Outer Magnet Chamber Liner, Curved End, Aluminum	No Reference	1
2	82788	FHPS 4-40 X 3/16"	No Reference	4
3	70450-1	Bracket, Aluminum	No Reference	1
4	70450-3	Hinge Plate	No Reference	1
5	70450-4	Clamp	No Reference	2



P/N 70500
Adjustable Outer Magnet Chamber Liner (complete)



Item	P/N	Description	OEM	QTY
1	70510	Outer Magnet Liner, .25" Thick, Aluminum	No Reference	1
2	70521	Outer Shield Adjustment Magnet Liner, Aluminum	No Reference	1
3	70522	Adjustable Bracket End, Aluminum	No Reference	1
4	82623	BHSS 4-40 X 3/16", SST	1236200404	1
5	82788	FHPS 4-40 X 1/4 82°	No Reference	4
6	70450-3	Hinge Plate	No Reference	1
7	70450-4	Clamp	No Reference	2

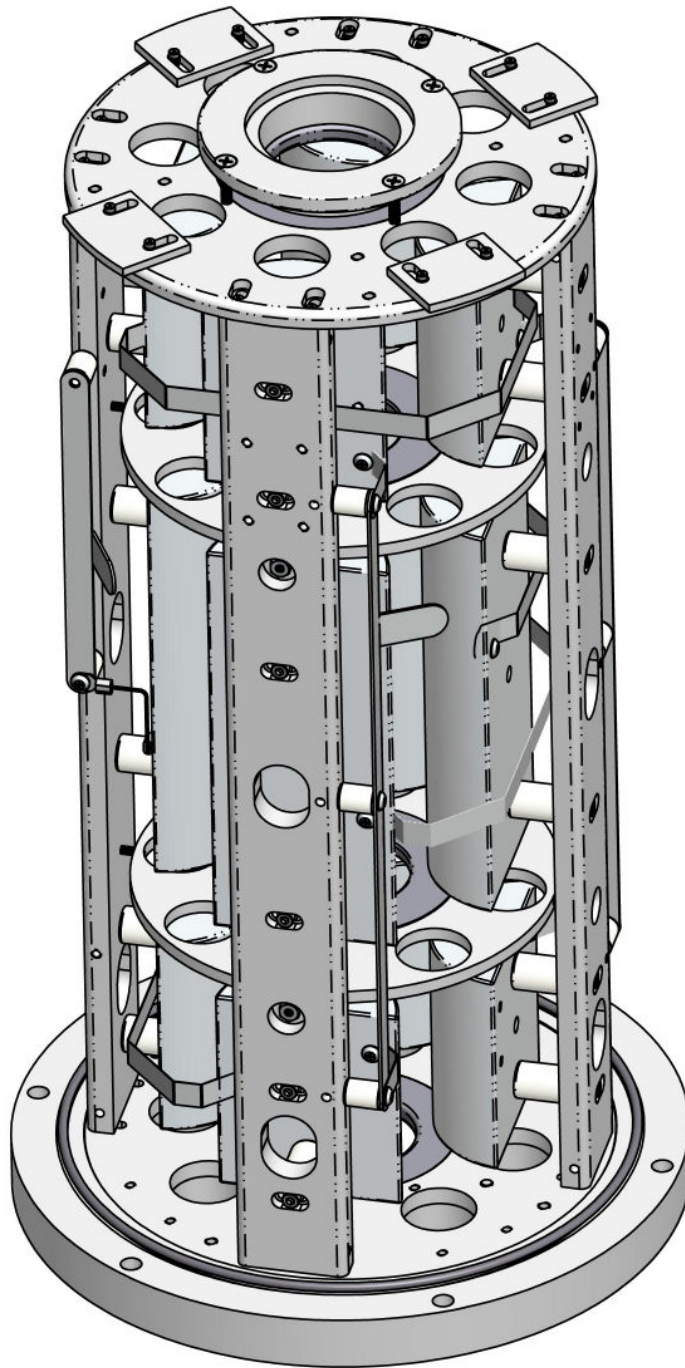


The adjustable Outer Magnet Chamber Liner, bracket end, **P/N 70520** includes the Adjustable Bracket, **P/N 70521** Adjustable Bracket End, **P/N 70522**, and screw, **P/N 82623**.

Item	P/N	Description	OEM	QTY
1	70410	Inner Magnet Chamber Liner Assembly, Upstream	7103-0036-3001	1
2	70420	Inner Magnet Chamber Liner Assembly, Downstream	7103-0035-2001	1
3	70425	Max AMU Meter Shield	7103-0038-2001	1



Components For 6200 Quadrapole Assembly



We offer cleaning and refurbishing services for the quadrapole assembly.

For **P/N 40905**, refer to **P/N 40905R**.

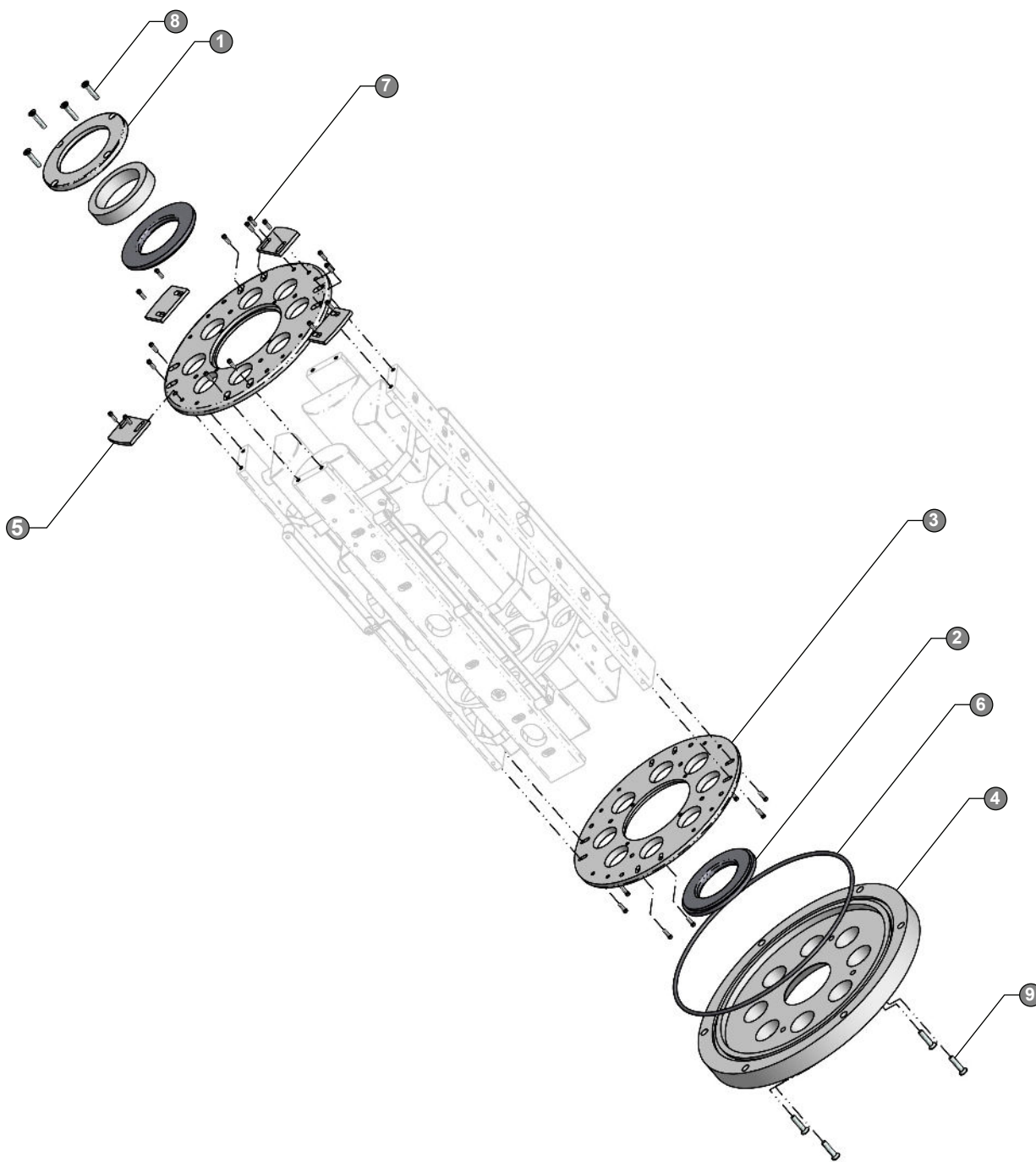
Standard Service will clean all components and will replace:

P/N 40921 (24) pg.4

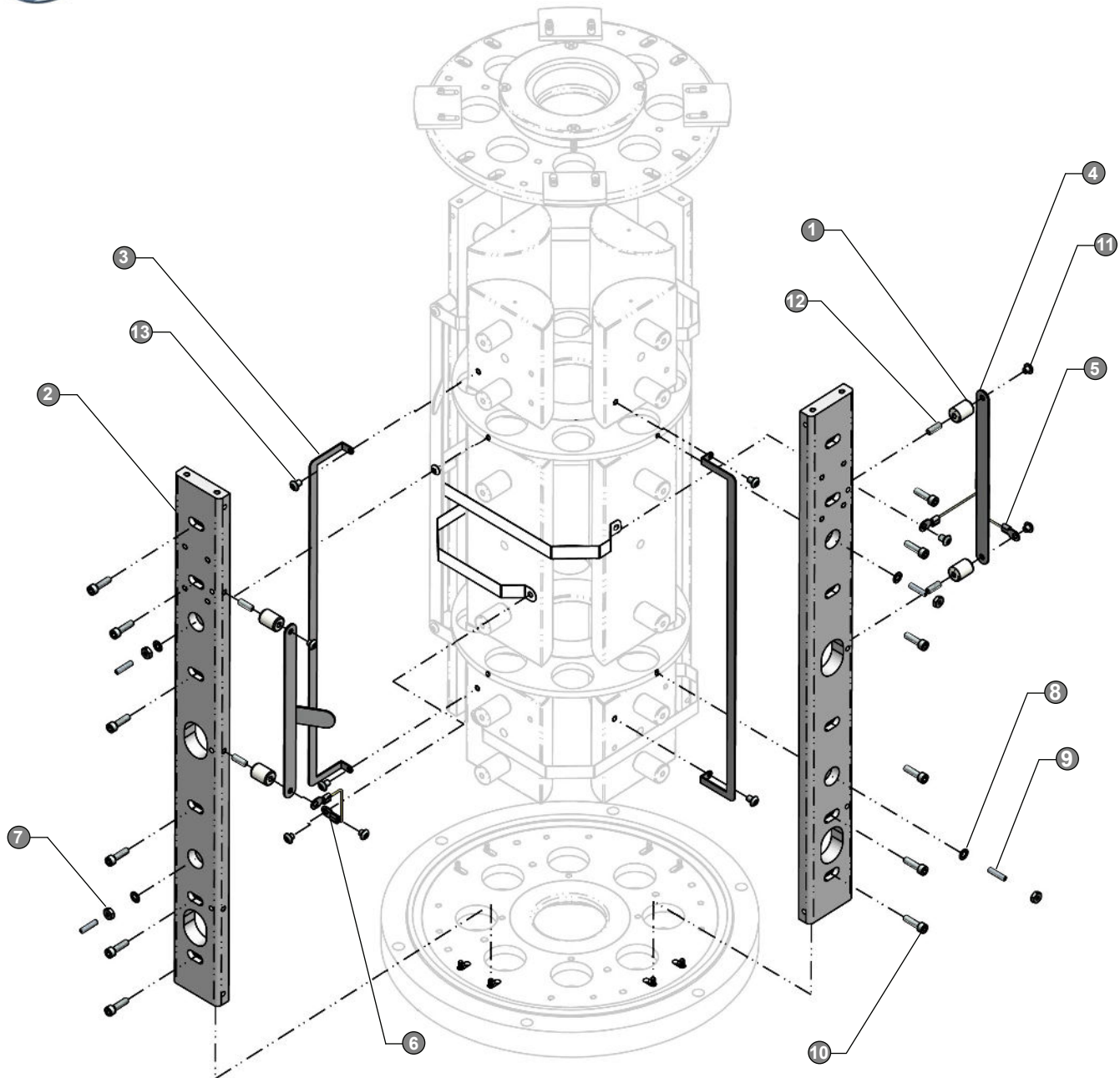
P/N 30681 (10) pg.2

P/N 82220 (1) pg.1

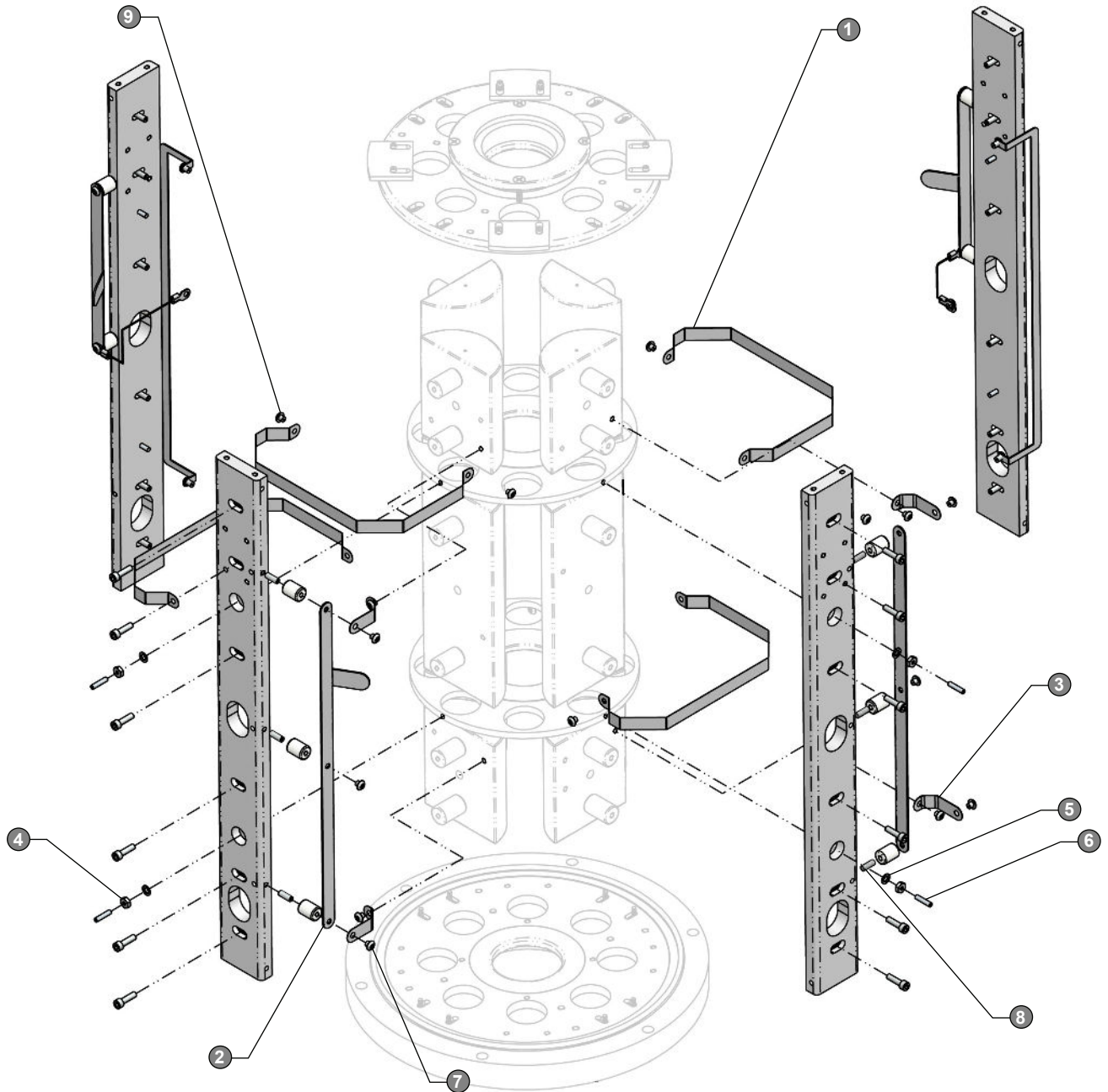
Any other needed repairs or replacements to this assembly will be quoted on a case by case basis, upon inspection of the assembly by our technical staff.



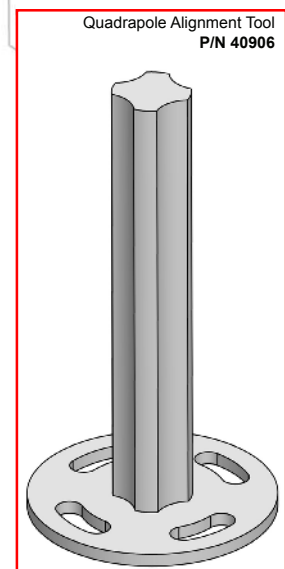
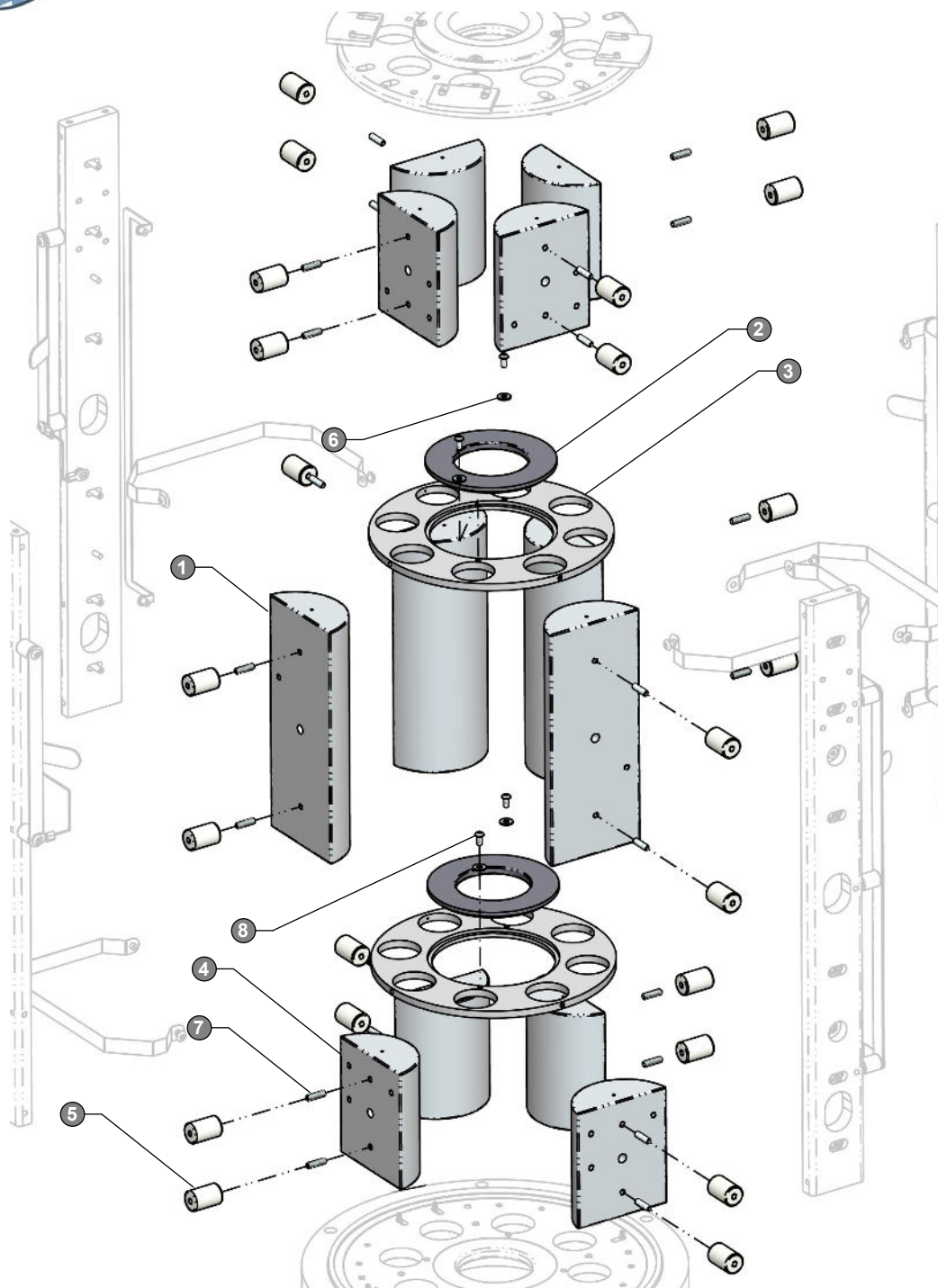
Item	P/N	Description	OEM	QTY
1	40907	Quadrapole Magnet Ring	6692-0014-2001	1
2	40910	Quadrapole Ring Aperture, Graphite	0295-0013-2001	2
3	40913	End Plate	5880-0223-3001	2
4	40917	Base Plate	2010-0012-3001	1
5	40922	Clamp	7299-0006-1001	4
6	82220	O-Ring - 264 Buna-N	35S4023	1
7	82411	SHCS 6-32 X 3/8" SST	E47000017	24
8	82799	FHPS 6-32 x 3/4 82°	No Reference	4
9	82800	FHPS 8-32 x 3/4 82°	No Reference	4



Item	P/N	Description	OEM	QTY
1	30681	Ceramic Standoff 3/8 X 1/2	7230-0003-0004	10
2	40912	Support Bar, Aluminum	0435-0024-3001	4
3	40916	Quadrupole Strap	No Reference	2
4	40923	Connector Strap	No Reference	2
5	40924	Long Connector Strap	No Reference	1
6	40925	Short Connector Strap	No Reference	1
7	82294	Nut 4-40 Hex 18-8 SST	5053-0001-0042	8
8	82600	No.4 Internal Tooth Lock-Washer	8464-0001-0004	8
9	82713	VSHCS 4-40 x 1/2 18-8 SST	No Reference	8
10	82722	VSHCS 6-32 x 1/2" 18-8 SST	0996-0004-0002	24
11	82723	Vented Screw 6-32 x 3/16 PHPS 18-8 SST	No Reference	12
12	82724	Set Screw, 6-32 X 3/8", SST	6996-0009-6203	10
13	82726	Vented Screw 6-32 x 1/4 PHPS 18-8 SST	No Reference	16



Item	P/N	Description	OEM	QTY
1	40918	Connector Strap	3500-0001-2001	4
2	40919	Contact Strap	7267-0001-2001	2
3	40920	Strap	7299-0007-1001	4
4	82294	Nut 4-40 Hex 18-8 SST	5053-0001-0042	8
5	82600	No.4 Internal Tooth Lock-Washer	8464-0001-0004	8
6	82713	Vented Set Screw 4-40 x 1/2 18-8 SST	No Reference	8
7	82723	Vented Screw 6-32 x 3/16 PHPS 18-8 SST	No Reference	12
8	82724	6-32 X 3/8", Set Screw, SST	6996-0009-6203	10
9	82726	Vented Screw 6-32 x 1/4 PHPS 18-8 SST	No Reference	16



Item	P/N	Description	OEM	QTY
1	40909	Long Pole Piece, Aluminum	5936-0003-2001	4
2	40911	Quadrupole Ring Aperture	0295-0014-2001	2
3	40914	Aperture Mounting Plate	5880-0224-2001	2
4	40915	Short Pole Piece	5936-0004-2001	8
5	40921	Ceramic Standoff 1/2 x 3/4	7230-0003-0020	24
6	82456	No. 4 Washer, 028" Thick X .125" ID X .250" OD SST	1331-062-00	4
7	82729	Vented Set Screw 6-32x1/2 18-8SST	No Reference	24
8	83630	PHCS 4-40 x 1/4 18-8 SST	No Reference	4