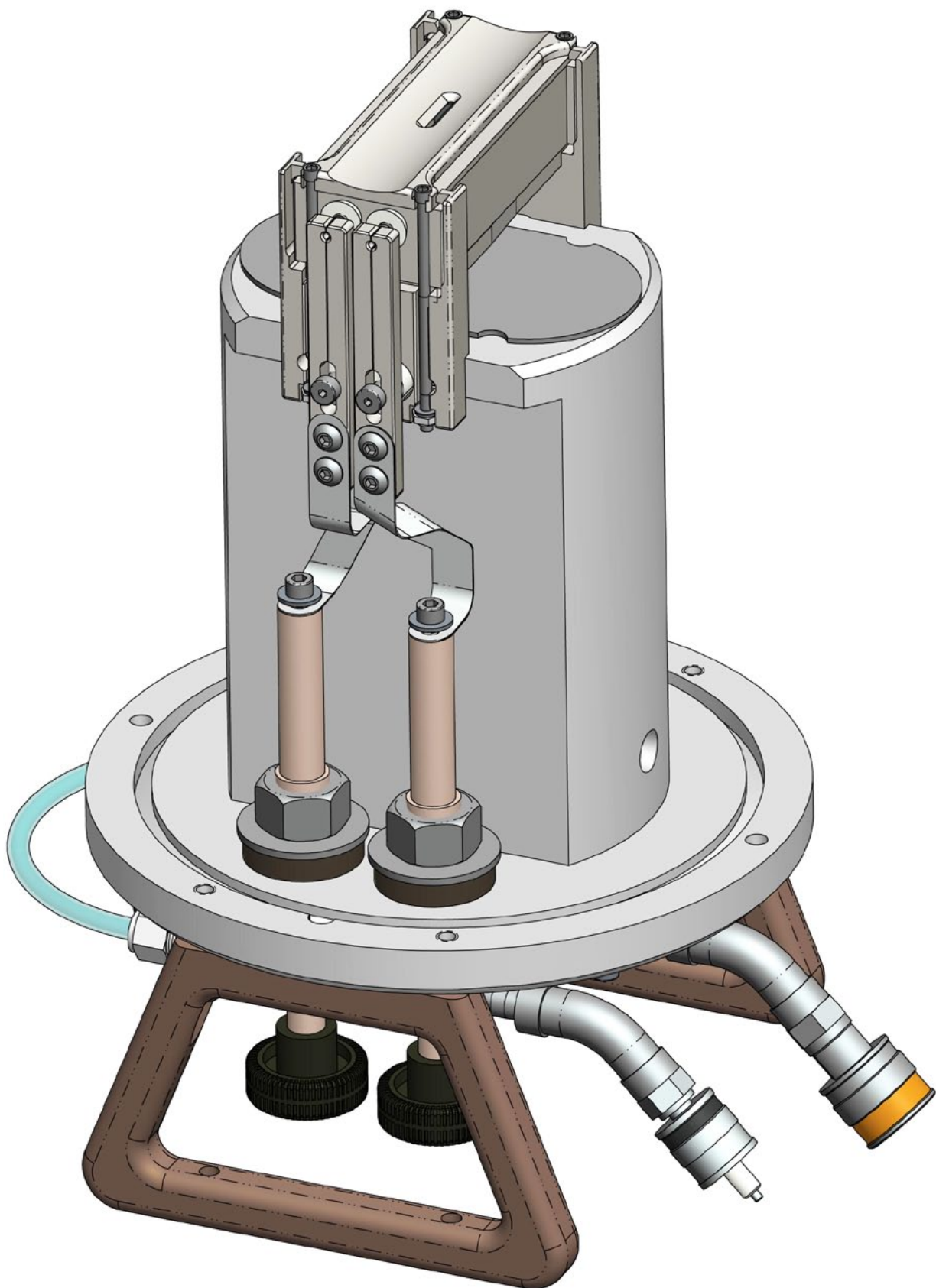
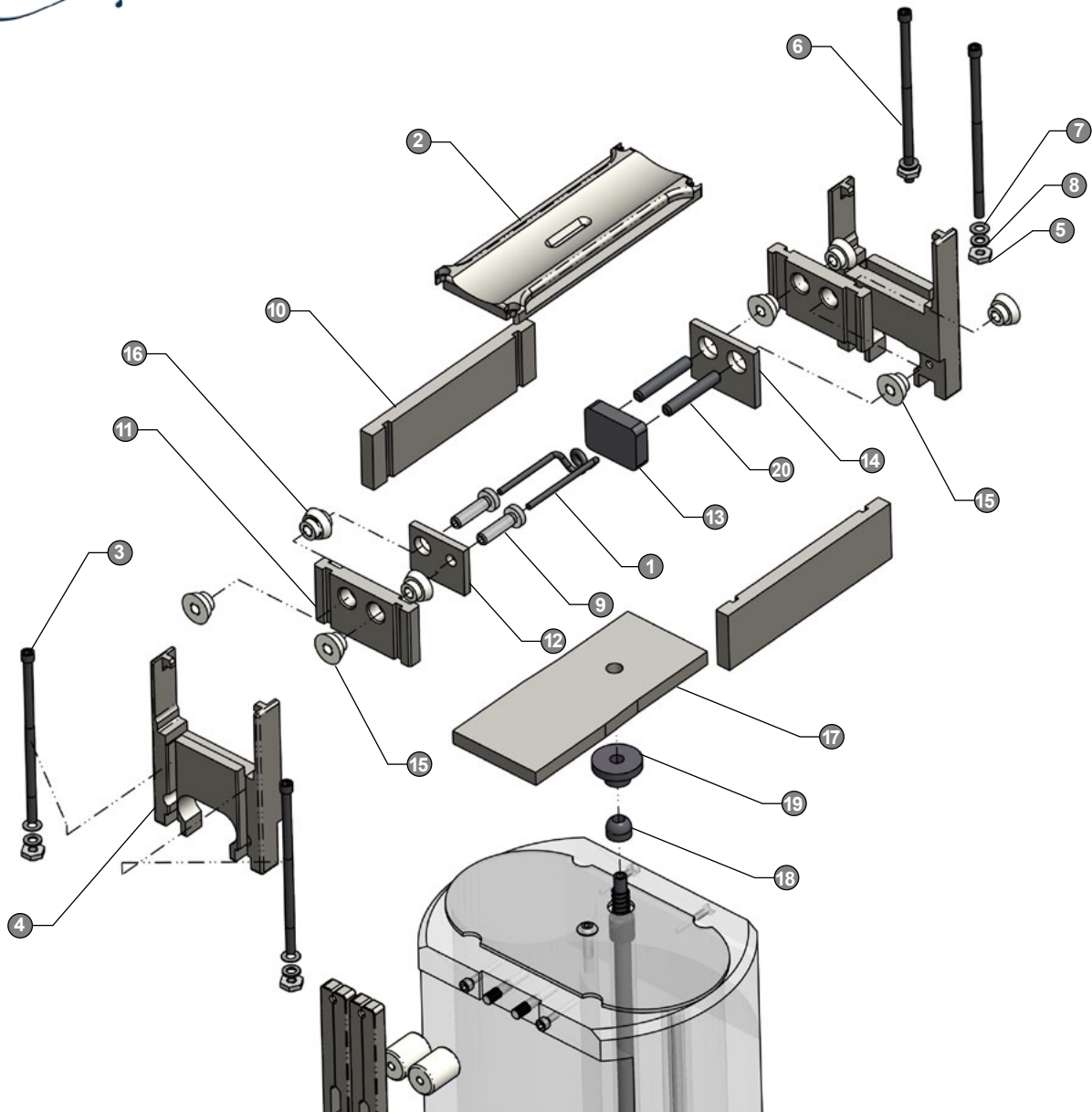




A Resource for Semiconductor Manufacturers

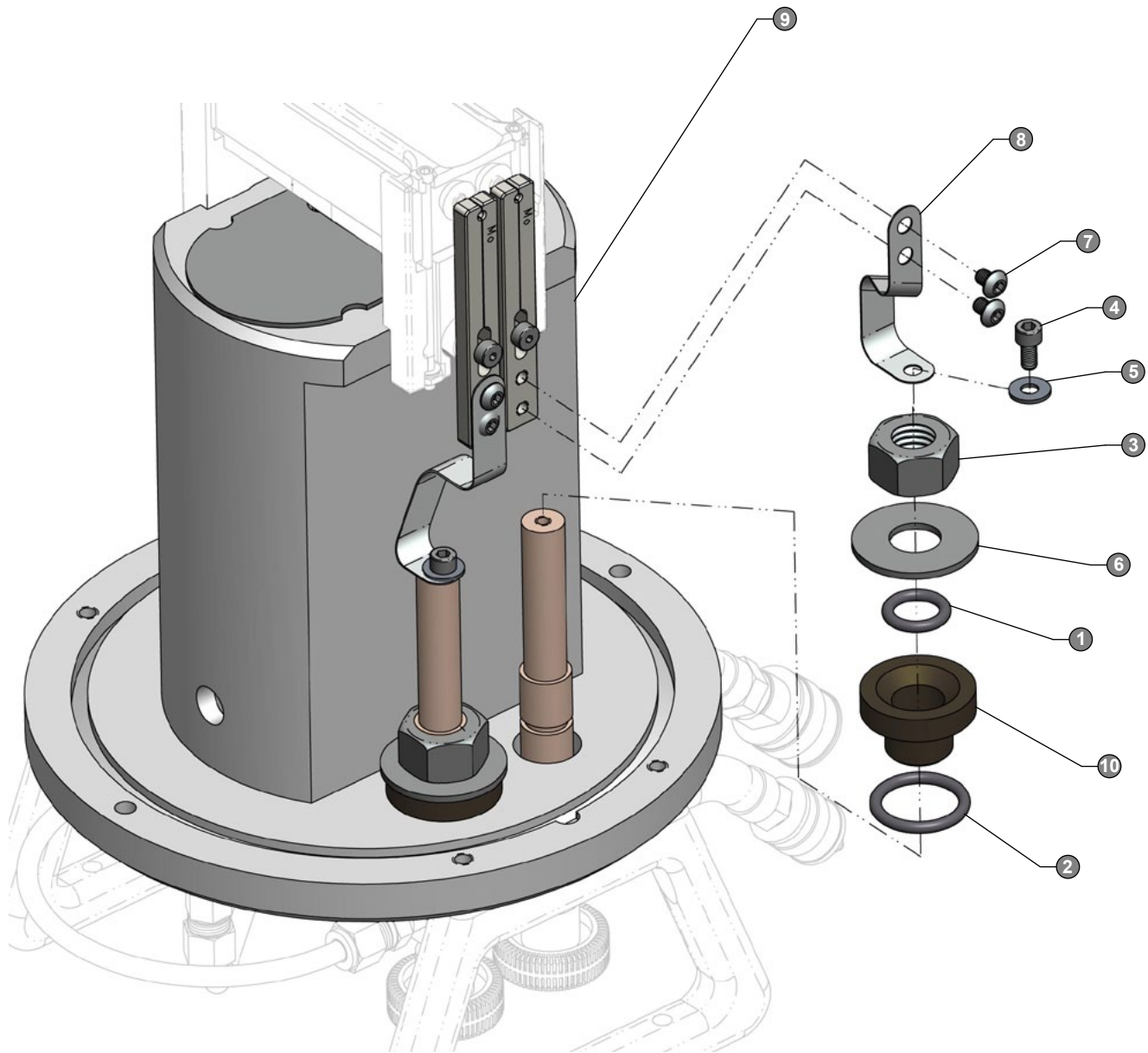
**Illustrated Parts Guide for
Ion Source 8200P Implanters
P/N 40600**





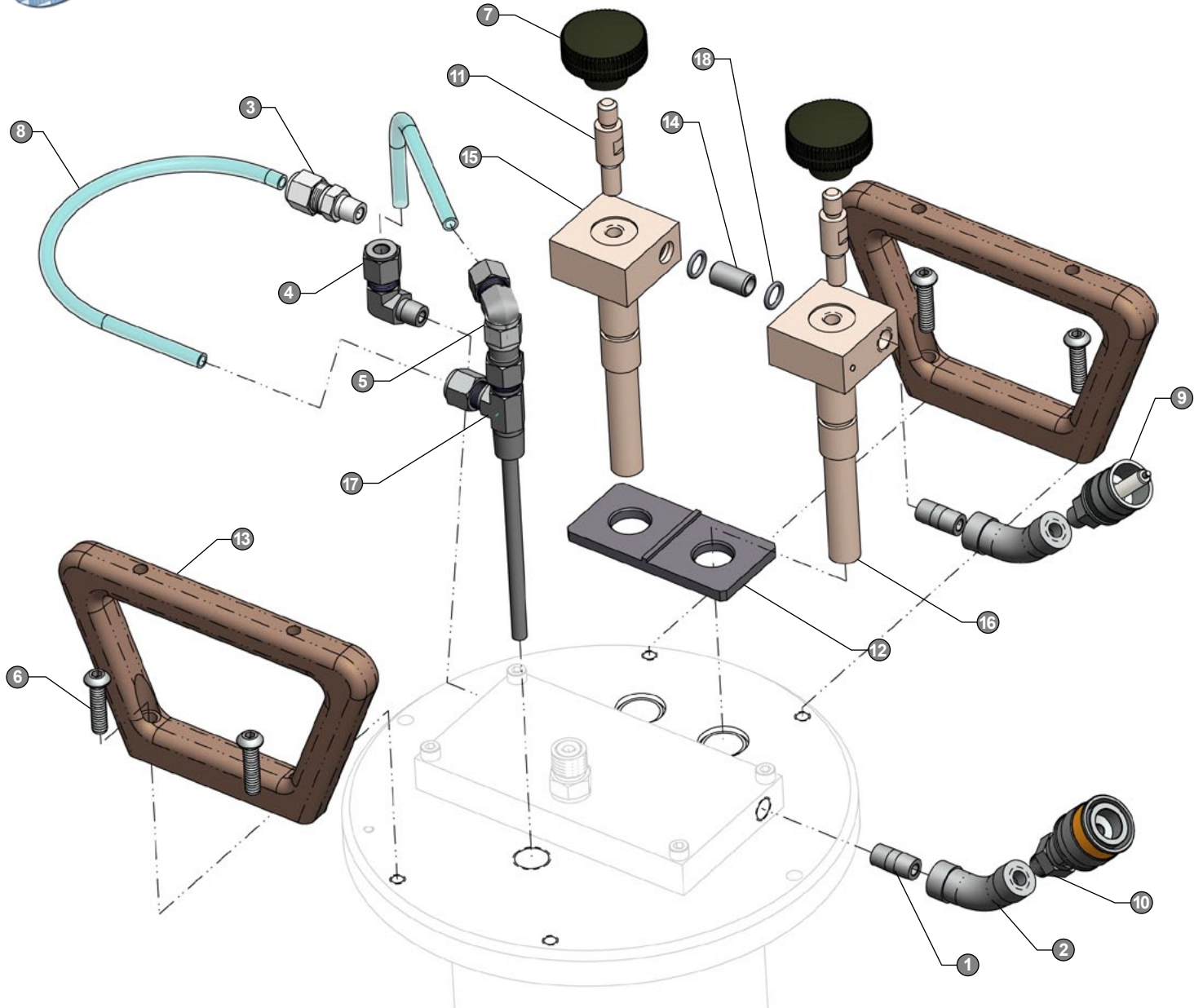
Item	P/N	Description	OEM	QTY
1	30670	Pigtail Filament	1789850	1
2	40555	8200 Face Plate	7142-0006-0001B	1
3	40556	Retainer Screw Inconel	6950-0017-0002	1
4	40557	Arc Chamber Mounting Stage	4710-0059-0002	2
5	40559	Retainer Nut, Silver Plated	5053-0031-0001	4
6	40563	Retainer Screw Assembly	No Reference	4
7	82055	Disc Spring .138ID X .281OD SST	8467-0005-0001	4
8	82469	No. 6 Washer, 18-8 SST, .032TH, 5/16 ID, 1/4 OD	8462-0043-0001	4
9	99002	Filament Insulator Insert, Molybdenum	1200321	2
10	99004	Side Plate, Molybdenum	1704990	2
11	99008	End Plate	1789810	2
12	99009	Filament Shield	1789820	1
13	99010	Repeller Plate, Graphite	1789830	1
14	99012	Repeller Shield	1790420	1
15	99022	Filament Insulator, Ceramic	1708680	7
16	99023	Filament Insulator, Ceramic	17032830	1
17	99064	Single Gas Base Plate	No Reference	1
18	99176	Ball Joint, Graphite	17021591	1
19	99177	SKT Joint	17033150	1
20	99234	Repeller Retainer, Headless Design	17072941	2

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



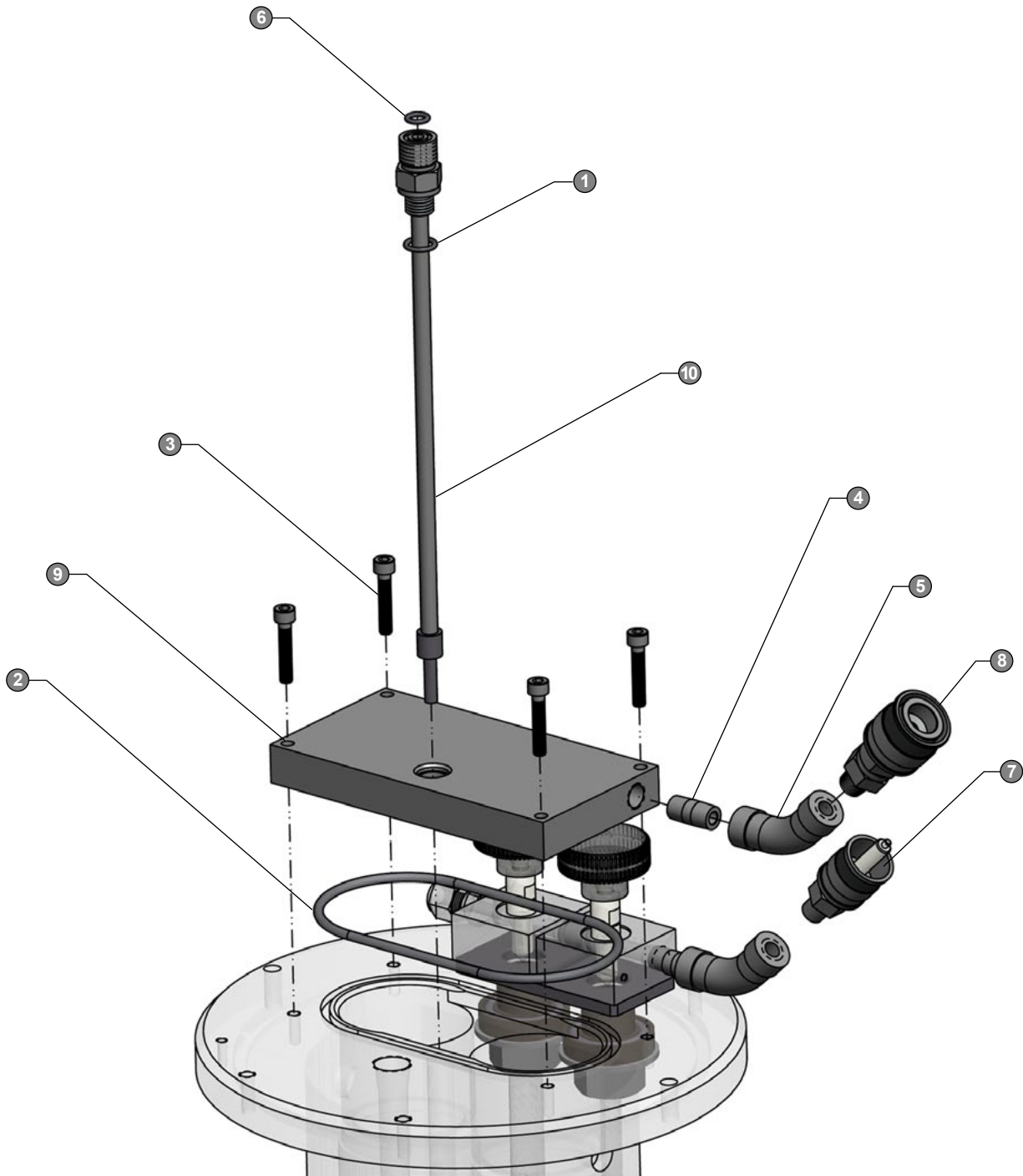
Item	P/N	Description	OEM	QTY
1	82207	O-Ring - 208 Buna-N	3500072	2
2	82210	O-Ring - 214 Buna-N	3500027	2
3	82337	Nut 5/8-11 Hex STNLS	4400006	2
4	82439	SHCS 10-32 X 3/8" SST	4400743	2
5	82478	No.10 Washer Standard 18-8 SST	4400007	2
6	82491	Washer Filament Feed-Thru	1700250	2
7	82639	BHSS 10-32 X 1/4" SST	E47000056	4
8	99178	Filament Strap	17033170B	2
9	99273	Source Body W/ Vaporizer Ports	No Reference	1
10	99324	Feed-Thru Insulator	17033030	2

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



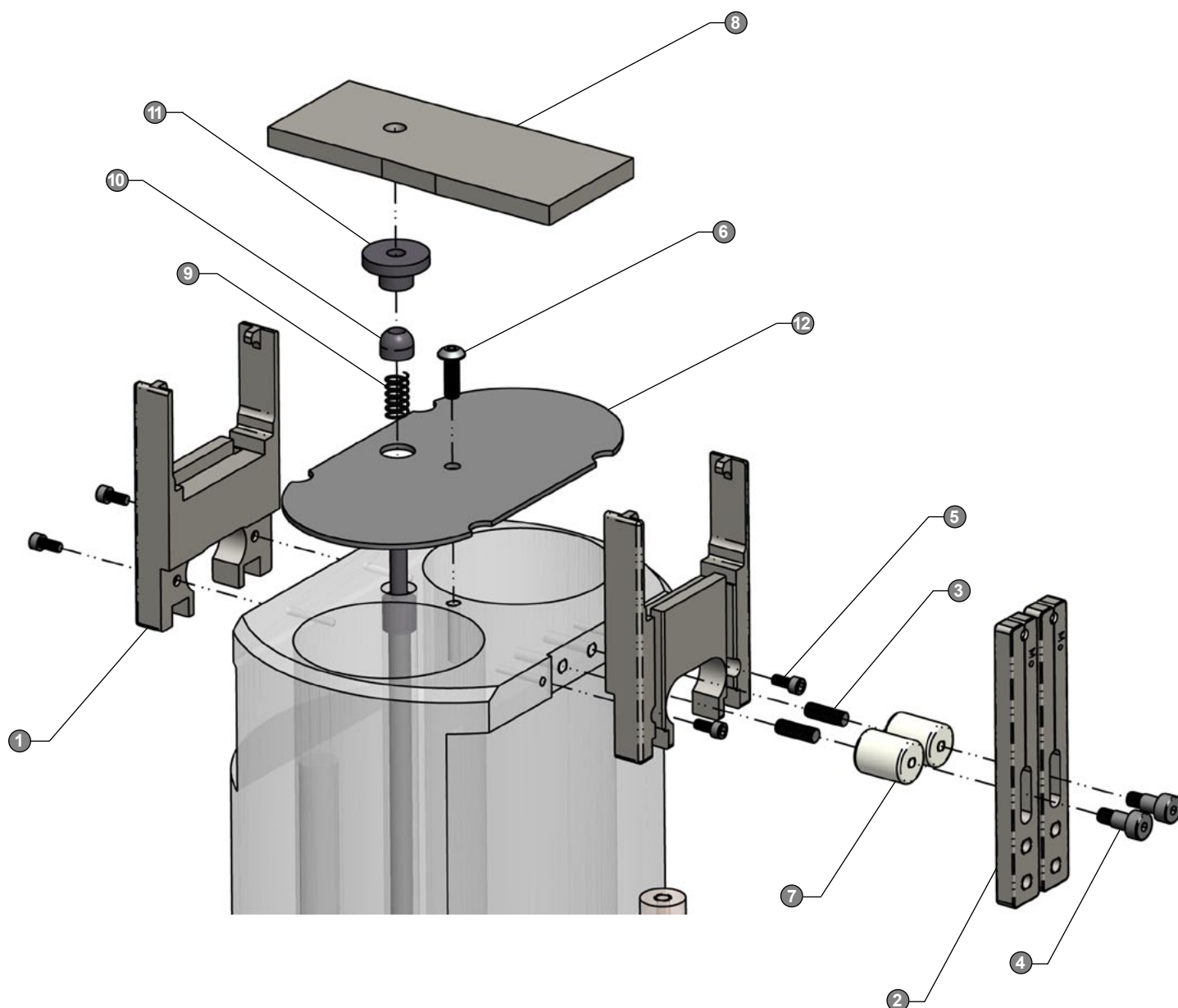
Item	P/N	Description	OEM	QTY
1	82515	Nipple, 1/8"	No Reference	2
2	82516	Elbow, 1/8" 45 Degree	3401279	2
3	82527	Fitting, Connector, 1/4", 1/8" Male NPT, 316 SST	3400064	1
4	82528	Fitting, Male Elbow, 1/4" Tube, 1/8 NPT, 316 SST	3400501	1
5	82535	Fitting, Union Elbow, 1/4", 316 Stainless	3400062	1
6	82655	BHSS 1/4"-20 X 1" SST	4500263	4
7	82708	Knob, Plastic Fluted Hand Knob	4000861	2
8	82751	Tube 1/4" OD x .040wall LDPE Yellow	7500007	As Needed
9	83701	QC Series Instrumentation Quick	No Reference	1
10	83703	QC Series Instrumentation Quick Conn Body, Key 3	No Reference	1
11	99120	Threaded Stud	1700220	2
12	99325	Insulator	17033000	1
13	99326A	Source Handle	17036660	2
14	99327	Vespel® Feed-thru Connector	17033010	1
15	99329	Positive Feed-Thru	17033021	1
16	99330	Negative Feed-Thru	17033020	1
17	99335	Cooling Tube Assembly	1200850	1
18	82912V	O-Ring -012, Viton®	E3500068	2

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



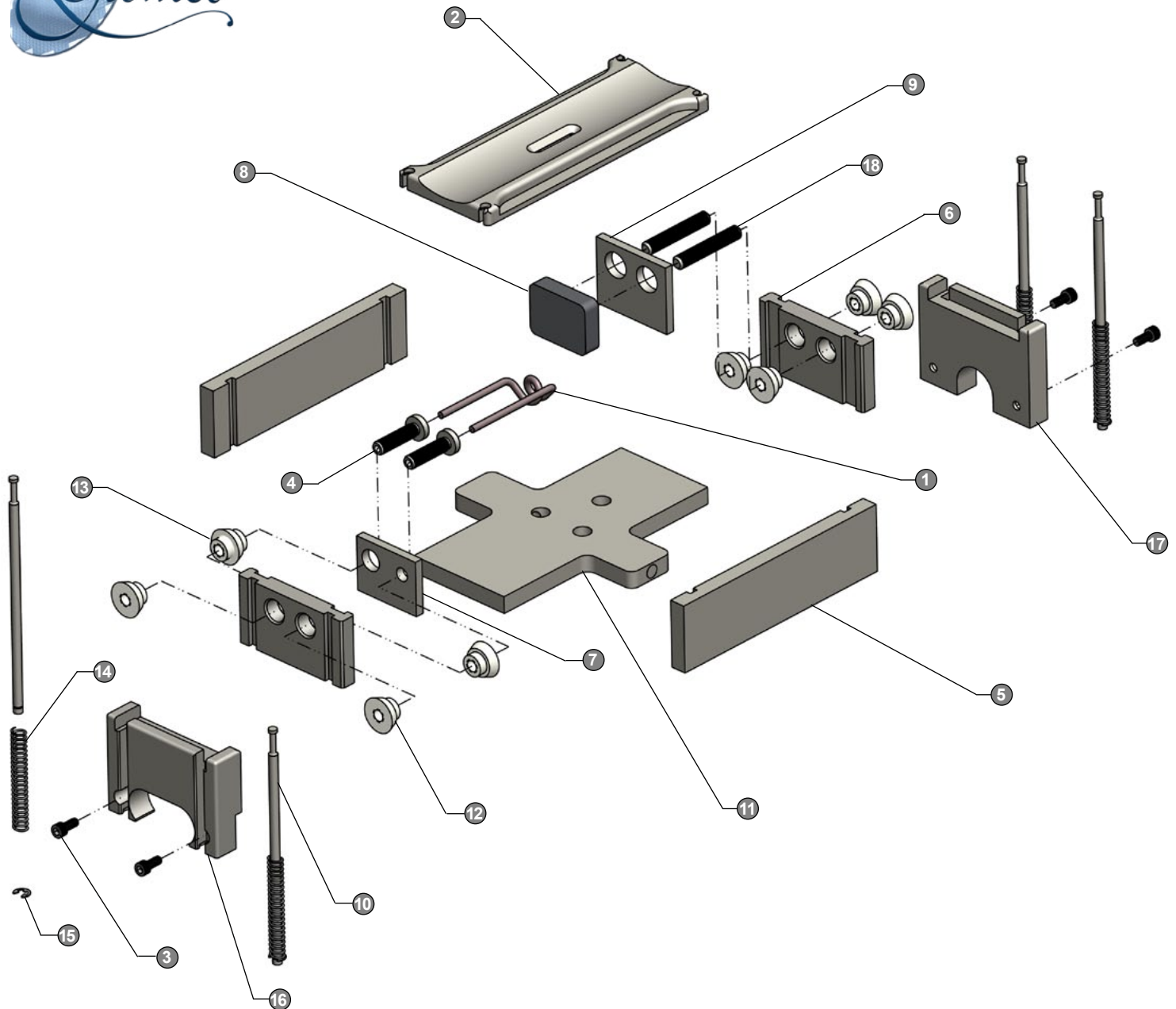
Item	P/N	Description	OEM	QTY
1	82200	O-Ring -012 Buna-N	2542012	1
2	82217	O-Ring -241 Silicone	No Reference	1
3	82442	SHCS 10-32 X 1 SST	4400022	4
4	82515	Nipple, 1/8"	No Reference	2
5	82516	Elbow, 1/8" 45 Degree	3401279	2
6	82910	O-Ring 010 Buna-N	3500076	1
7	83701	QC Series Instrumentation Quick	No Reference	1
8	83703	QC Series Instrumentation Quick Connect Body, Key 3	No Reference	1
9	99251	Vaporizer Blankoff Plate	No Reference	1
10	99333	Gas Feed Tube Assembly	17032980	1

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



Item	P/N	Description	OEM	QTY
1	40557	Arc Chamber Mounting Stage	4710-0059-0002	2
2	40562	Filament Clamp	17043870	2
3	82127	8-32 X 1/2, Set Screw, 18-8 SST	1236200410	2
4	82285	Shoulder Screw 8-32 .188ø X .250L SST	4400263	2
5	82385	SHCS 4-40 X 1/4" SST	4400105	4
6	82633	BHSS 8-32 X .50 Long 18-8 SST	4400042	1
7	99052	Ceramic Standoff, 1/2" Ø X 5/8" Long X 8-32 Thread	3420-90090	2
8	99064	Single Gas Base Plate	No Reference	1
9	99172	Compression Spring, SST	4001301	1
10	99176	Ball Joint, Graphite	17021591	1
11	99177	SKT Joint	17033150	1
12	99252	Vaporizer Exit Shield	No Reference	1

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



Item	P/N	Description	OEM	QTY
1	30670	Pigtail Filament	1789850	1
2	40554	8200 Face Plate	7142-0001-0001	1
3	82385	SHCS 4-40 X 1/4" SST	1236200403	4
4	99002	Filament Insulator Insert, Molybdenum	1200321	2
5	99004	Side Plate, Molybdenum	1704990	2
6	99008	End Plate	1789810	2
7	99009	Filament Shield	1789820	1
8	99010	Repeller Plate, Graphite	1789830	1
9	99012	Repeller Shield	1790420	1
10	99014	Retainer Pin Assembly	1200080	4
11	99021	Base Plate	17036670	1
12	99022	Filament Insulator, Ceramic	1708680	7
13	99023	Filament Insulator, Ceramic	1709830	1
14	99035	Retainer Pin Spring	4000059	4
15	99048	Retaining Ring	4300037	4
16	99053	Arc Chamber Mounting Block	1789870	1
17	99068	Arc Chamber Mounting Plate	1705030	1
18	99234	Repeller Retainer, Headless Design	17072941	2

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.



Vaporizer Component Options

P/N 82633

BHSS, 8-32 x 1/2", SST

P/N 99331 - OEM 17033100

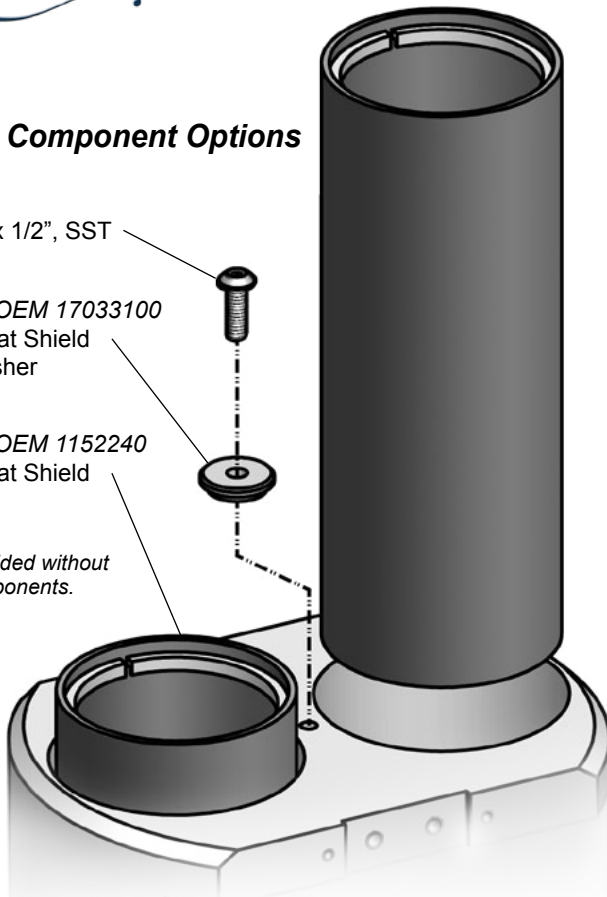
Vaporizer Heat Shield
Retainer Washer

P/N 99336 - OEM 1152240

Vaporizer Heat Shield

Note:

Source is provided without
vaporizer components.



GSD Gas Line Spring Options



P/N 99172 - OEM 17033140
Stainless Steel Original OEM
Equivalent Compression Spring



P/N 99172A - OEM 17033140
Inconel Compression Spring



P/N 99172B - OEM 17033140
Glemco Customized Inconel
Compression Spring, specially
designed for improved spring
performance and maximum
service life.



P/N 99664A - OEM 17270640
Tungsten Alloy Compression
Spring, constructed for the
ultimate in spring performance
and service life under extreme
temperature.

Filament Clamp Options



P/N 40562 - OEM 17143870
.5" Filament Clamp

P/N 99001 - OEM 17043870
.4" Filament Clamp



P/N 99019 - OEM 1789800
.5" Filament Clamp, Wide Slot



P/N 99019A - OEM 1789800
.5" Filament Clamp with
clamp reinforcement screw

* Glemco offers improvements, modifications, or alternatives to standard OEM replacement components as indicated in red throughout this guide.