

A-dec 300, 400, and 500 Delivery Systems

Service Reference

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Contact Information and Other Resources

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Product Service

Product service is available through your local authorized A-dec dealer. For service information, or to locate an authorized dealer, contact A-dec at 1.800.547.1883 in the USA and Canada or 1.503.538.7478 worldwide, or visit www.a-dec.com.

Regulatory Information

Regulatory information mandated by agency requirements is provided in the *Regulatory Information, Specifications, and Warranty* document (p/n 86.0221.00), which is available in the Document Library at www.a-dec.com.

Product Models and Versions Covered in This Document

A-dec uses product versions to indicate significant changes to a product model. Modifications identified by a change to the product version include, but are not limited to, significant changes to features and options, and product compatibility.

Models	Versions	Description
332, 333, 336, 532, 533, 541, 542	A	Delivery System
334, 335	A, B	Delivery System
361, 362, 363, 461, 561	A	Support Center
351	A, B	Assistant's Instrumentation
352, 353, 541, 542, 545, 551	A	Assistant's Instrumentation

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A-dec Service Documents

Service Reference documents contain illustrated parts breakdown content and are companions to Service Guides, which contain information for product service, maintenance, and troubleshooting including circuit board components and flow diagrams. Related service documents include:

- *A-dec 300, 400, and 500 Delivery Systems Service Guide* (p/n 86.0382.00)
- *A-dec 311, 411, and 511 Dental Chairs Service Guide* (p/n 86.0380.00)
- *A-dec 311, 411, and 511 Dental Chairs Service Reference* (p/n 86.0381.00)
- *A-dec Dental Lights and Monitor Mounts Service Guide* (p/n 86.0326.00)
- *A-dec Dental Lights and Monitor Mounts Service Reference* (p/n 86.0328.00)

Genuine A-dec Parts Catalog

The *Genuine A-dec Service Parts Catalog*, p/n 85.5000.00, provides part number and ordering information for A-dec service parts. This catalog details parts for current products and products which are no longer manufactured but are still supported. Refer to this catalog for additional details on parts found in the service document.

Electronic Documentation

The latest versions of A-dec documents are available as electronic documents on the A-dec website (www.a-dec.com). On the website, select Document Library in the upper-right corner of the page. Check this location for the most current technical information about A-dec products.

Copyright, Regulatory, Product Models information

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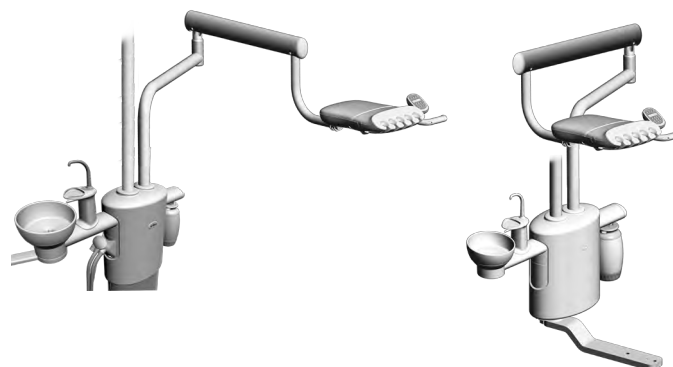
Chair, 12 O'Clock, and Side Mounted Delivery Systems

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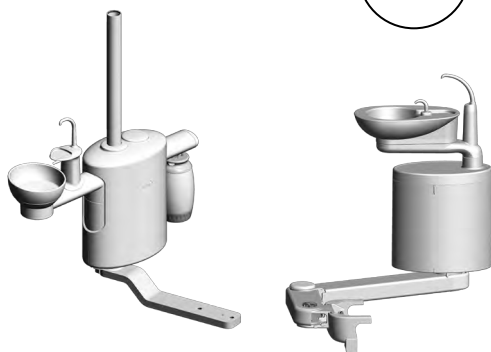
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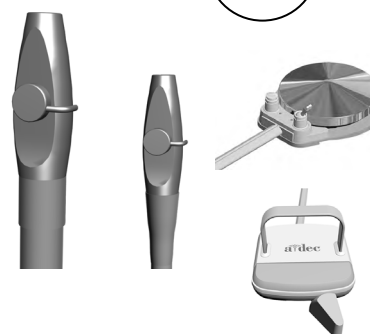
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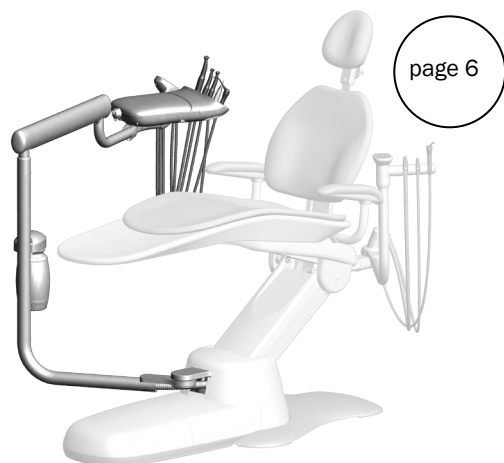
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Chair, 12 O'Clock, and Side Mounted Delivery Systems

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332/333 Radius-Style Mount on 311 (B)/411



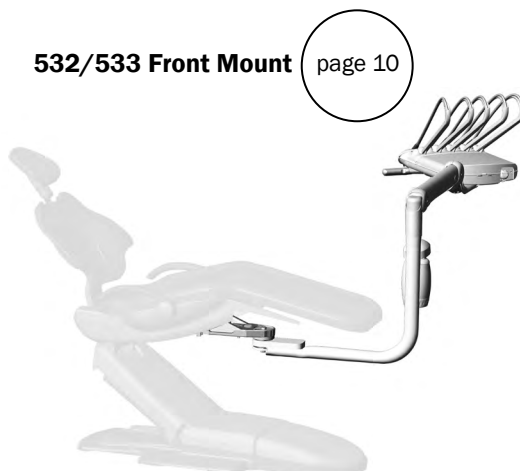
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336 Radius Mount



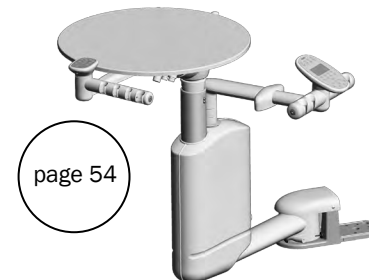
532/533 Front Mount



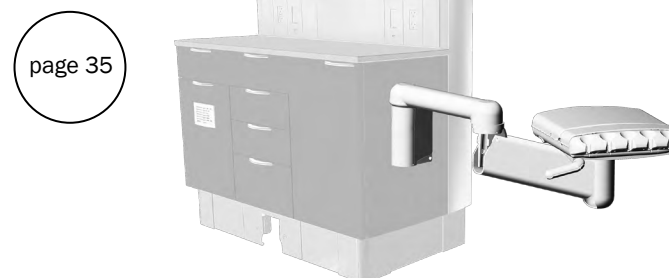
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541 12 O'clock Duo



542 Side Mount

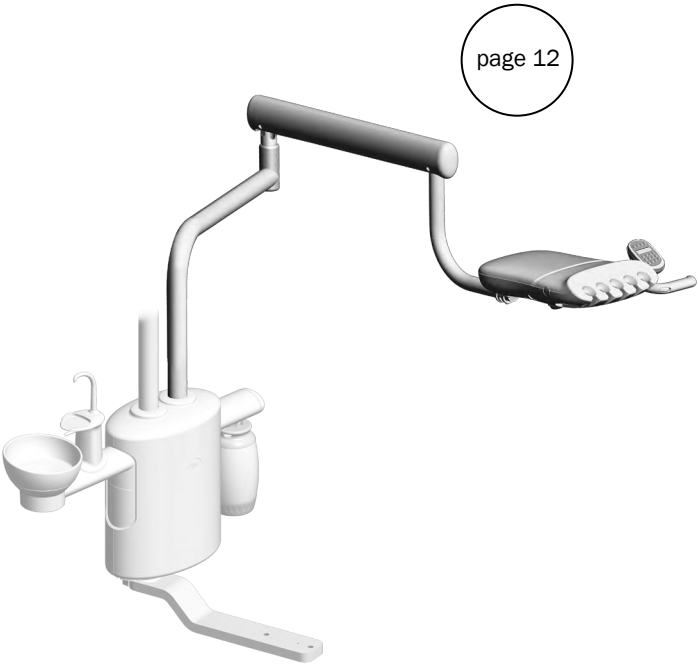


Support Center Mounted Delivery Systems

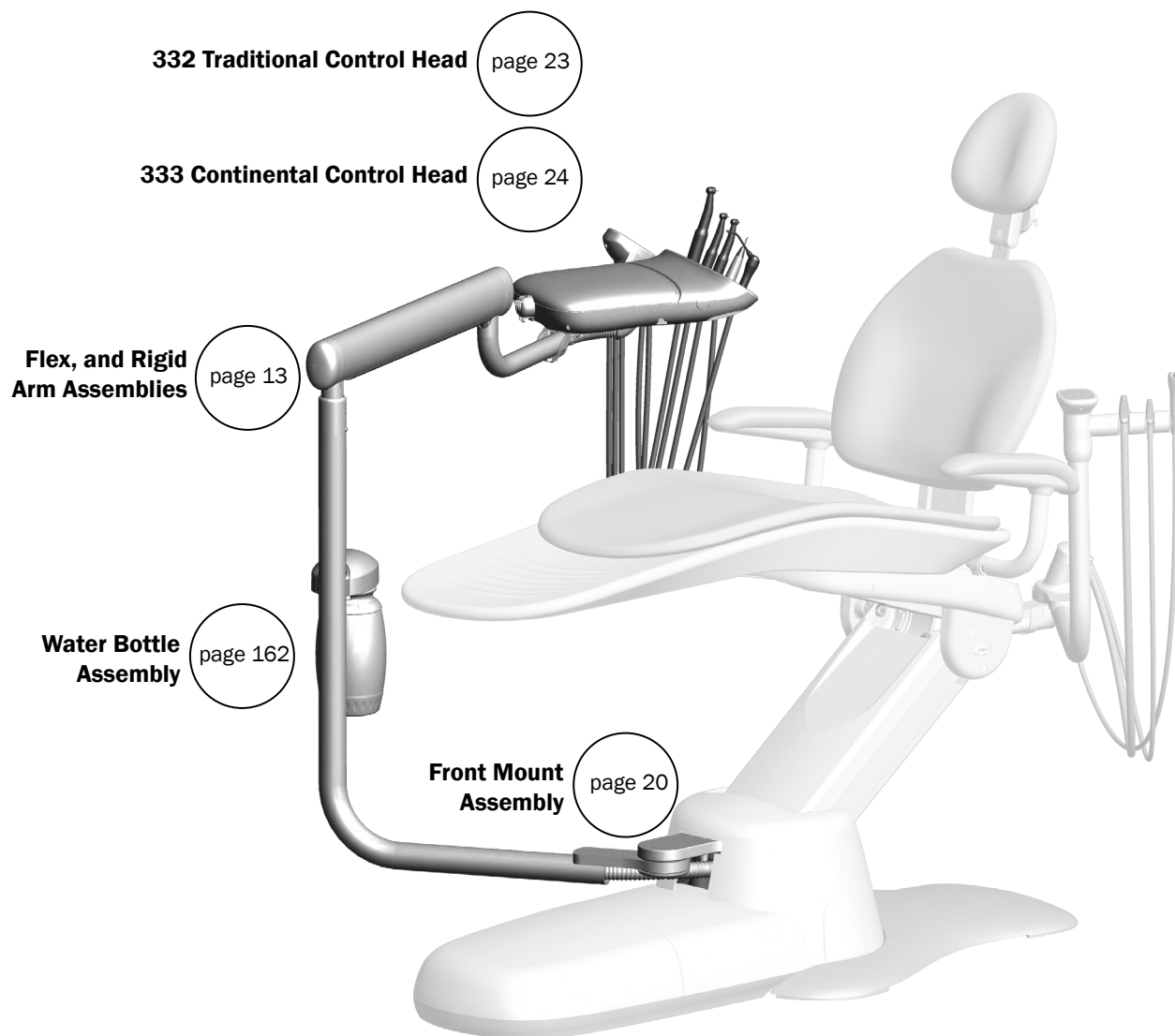
334/335 on 361/363 Support Centers



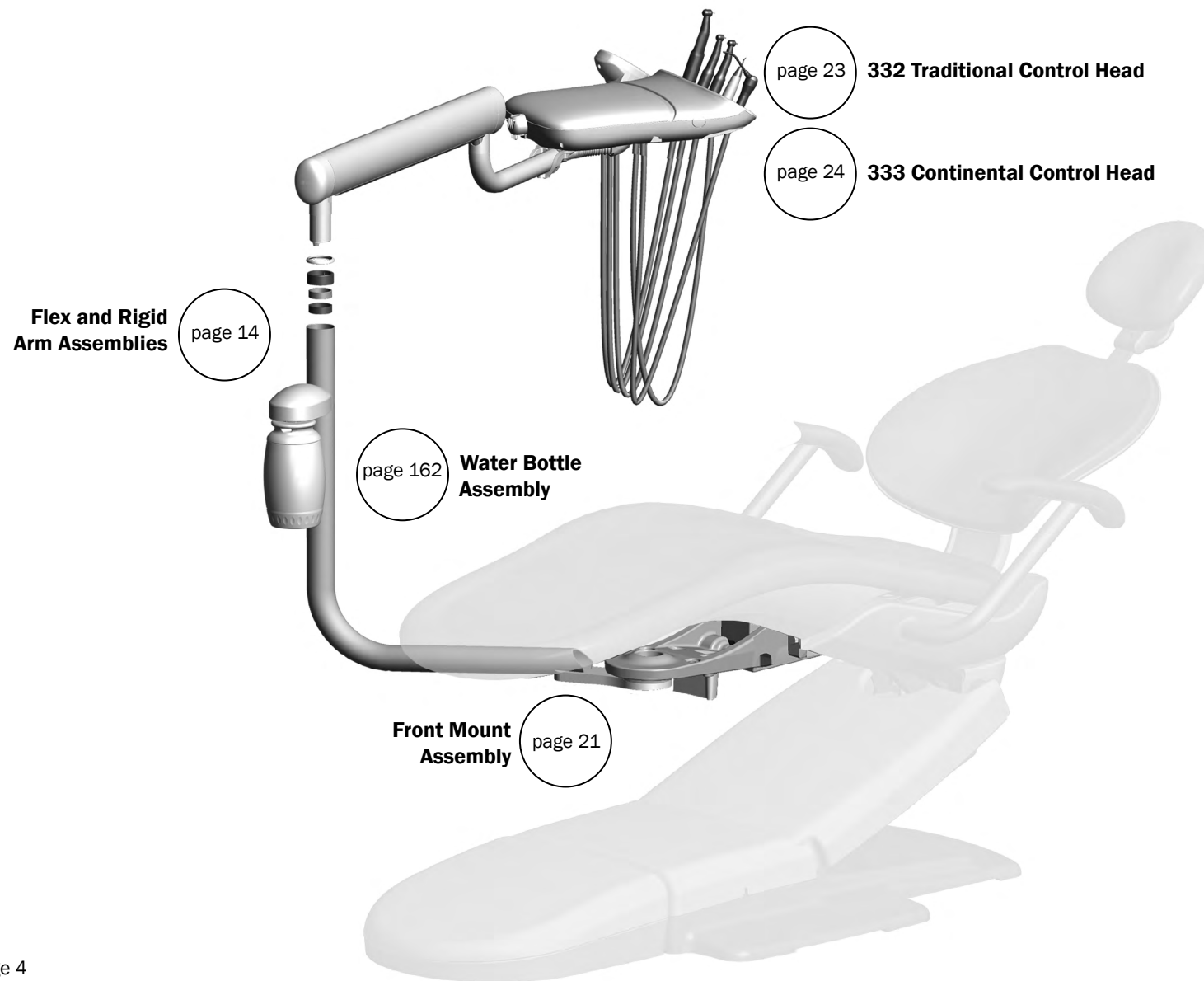
334/335 on 361/362 (2" Post Mount) Support Centers



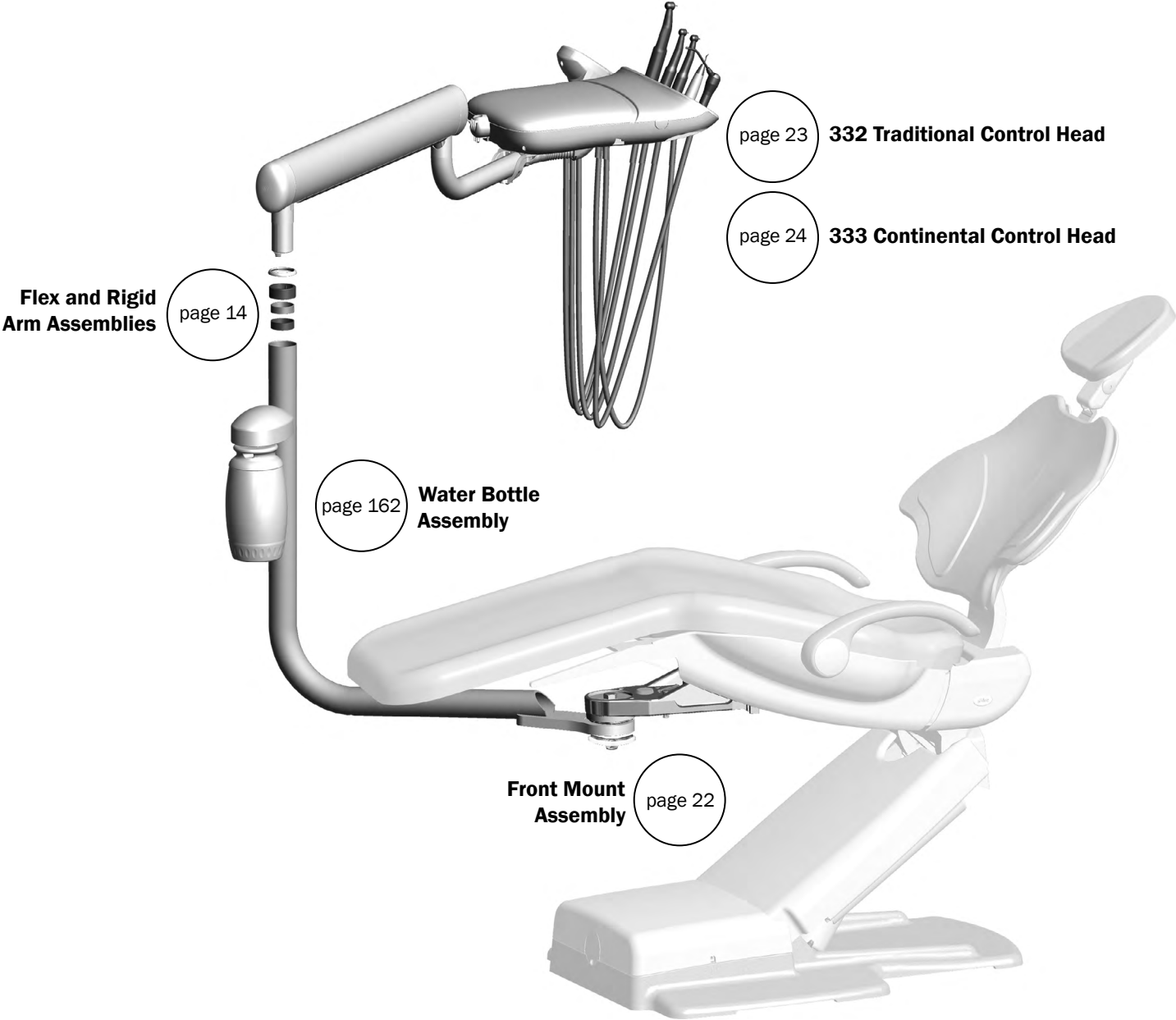
332/333 Radius-Style Mount Delivery System on 311 (A) Dental Chair



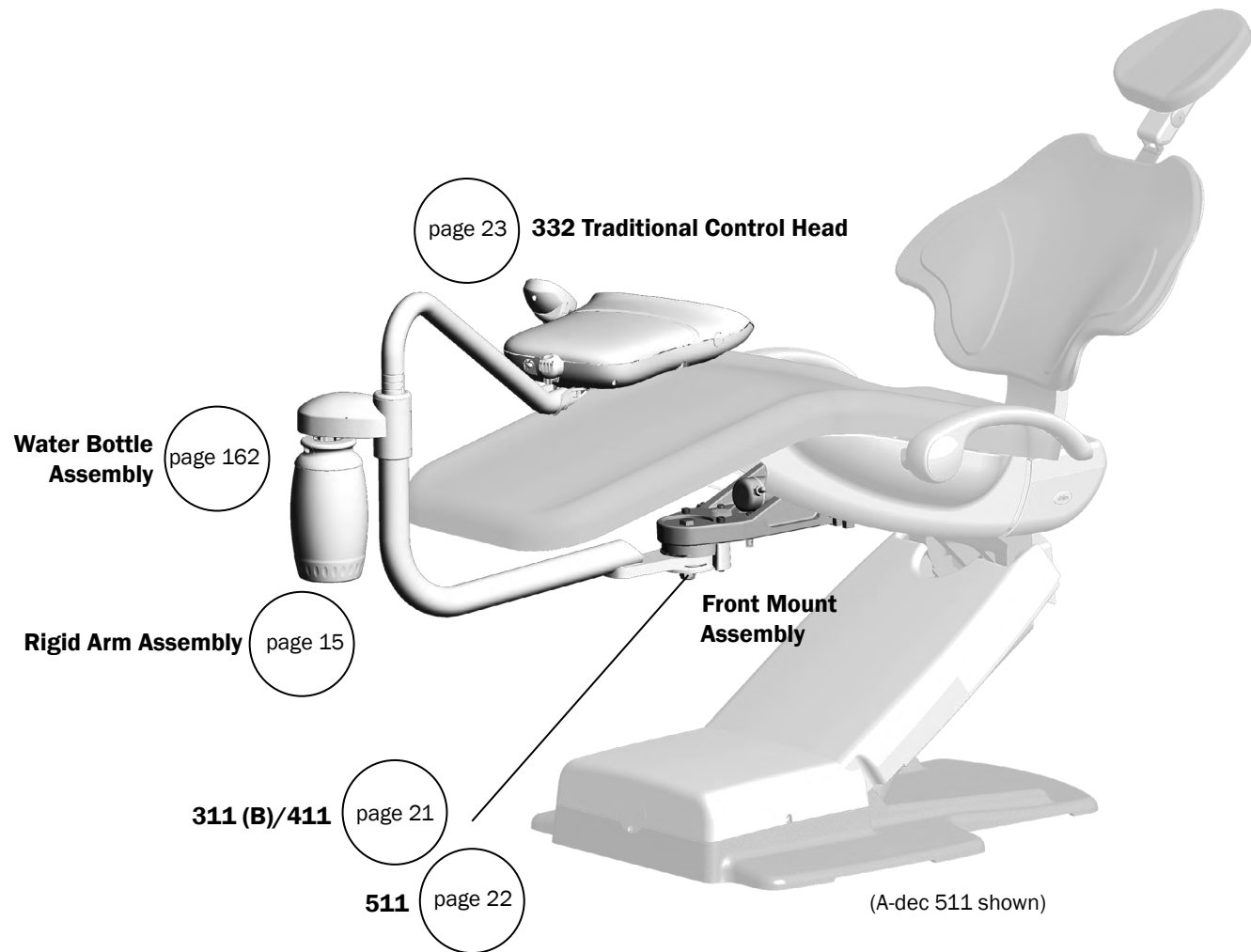
332/333 Radius-Style Mount Delivery System on 311 (B)/411 Dental Chairs



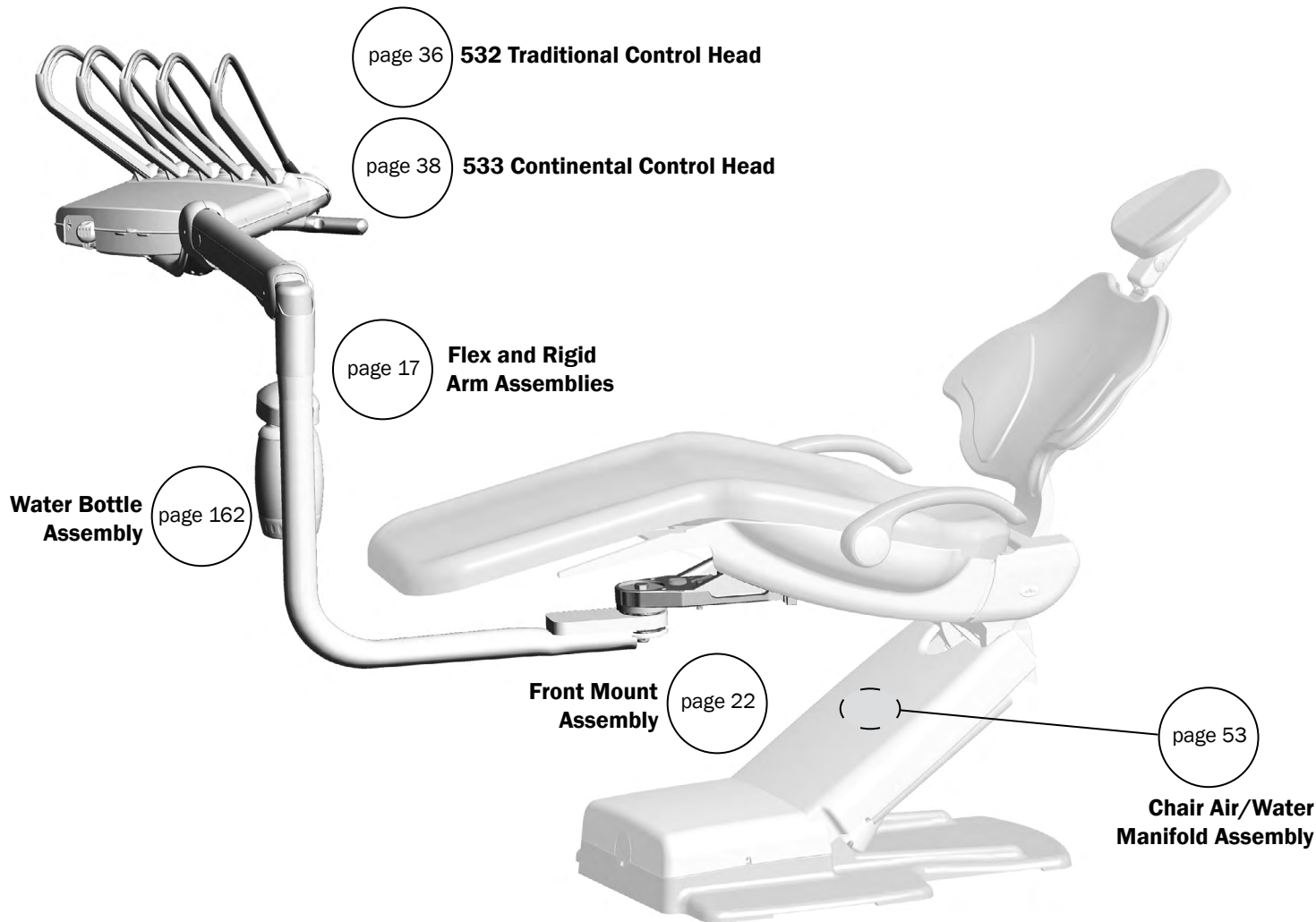
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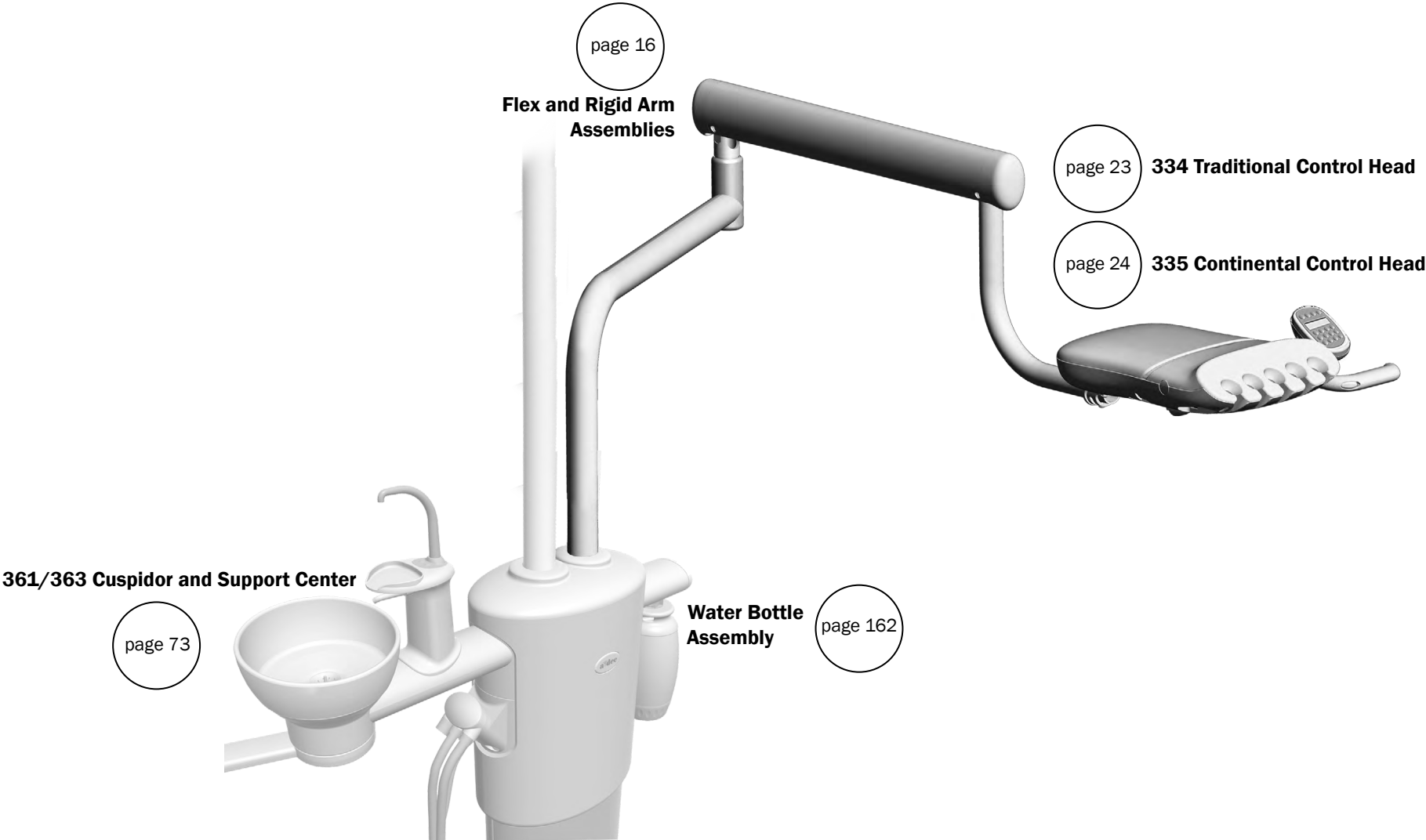
336 Radius-Style Mount Delivery System on 311 (B)/411/511 Dental Chairs



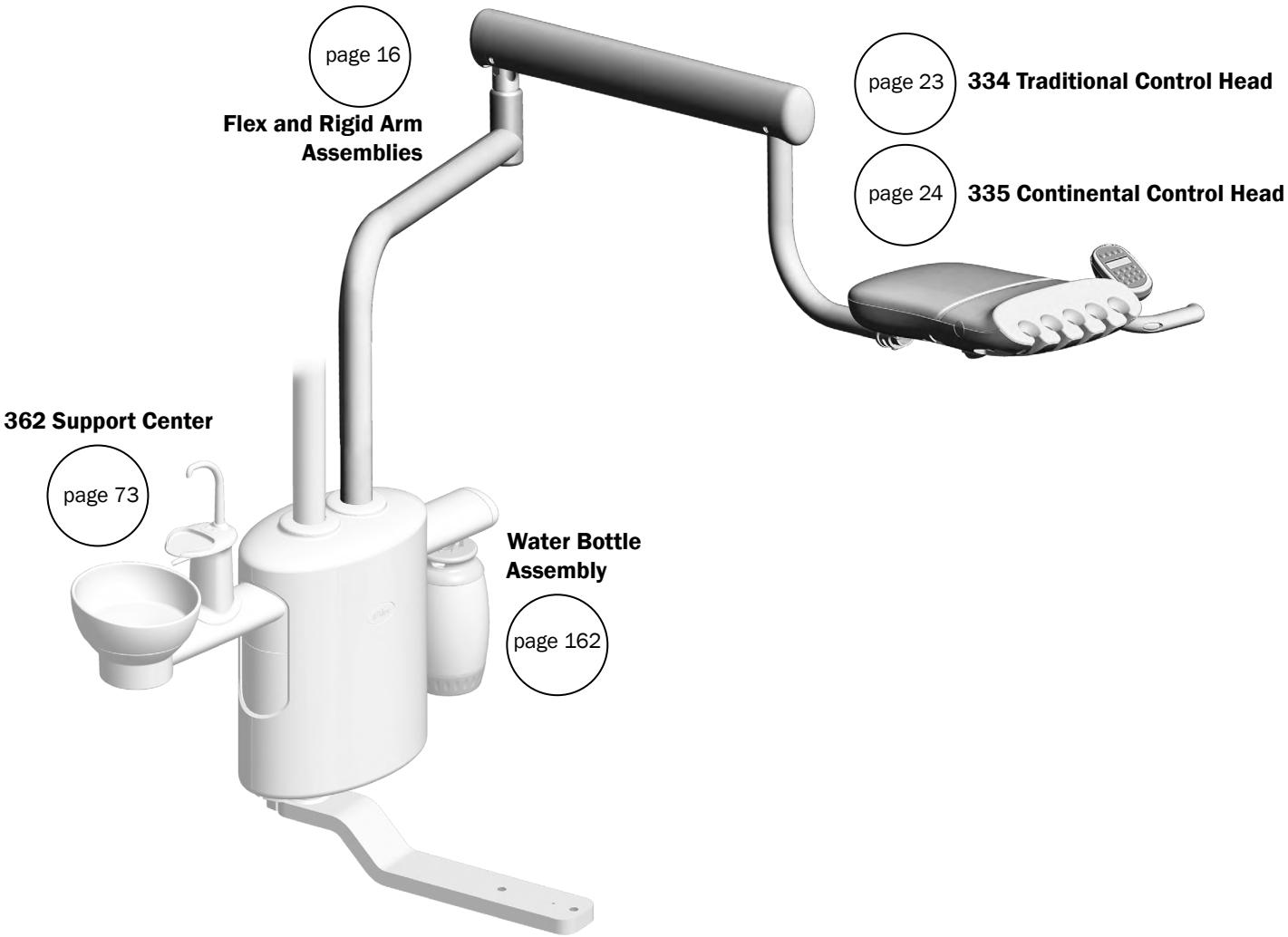
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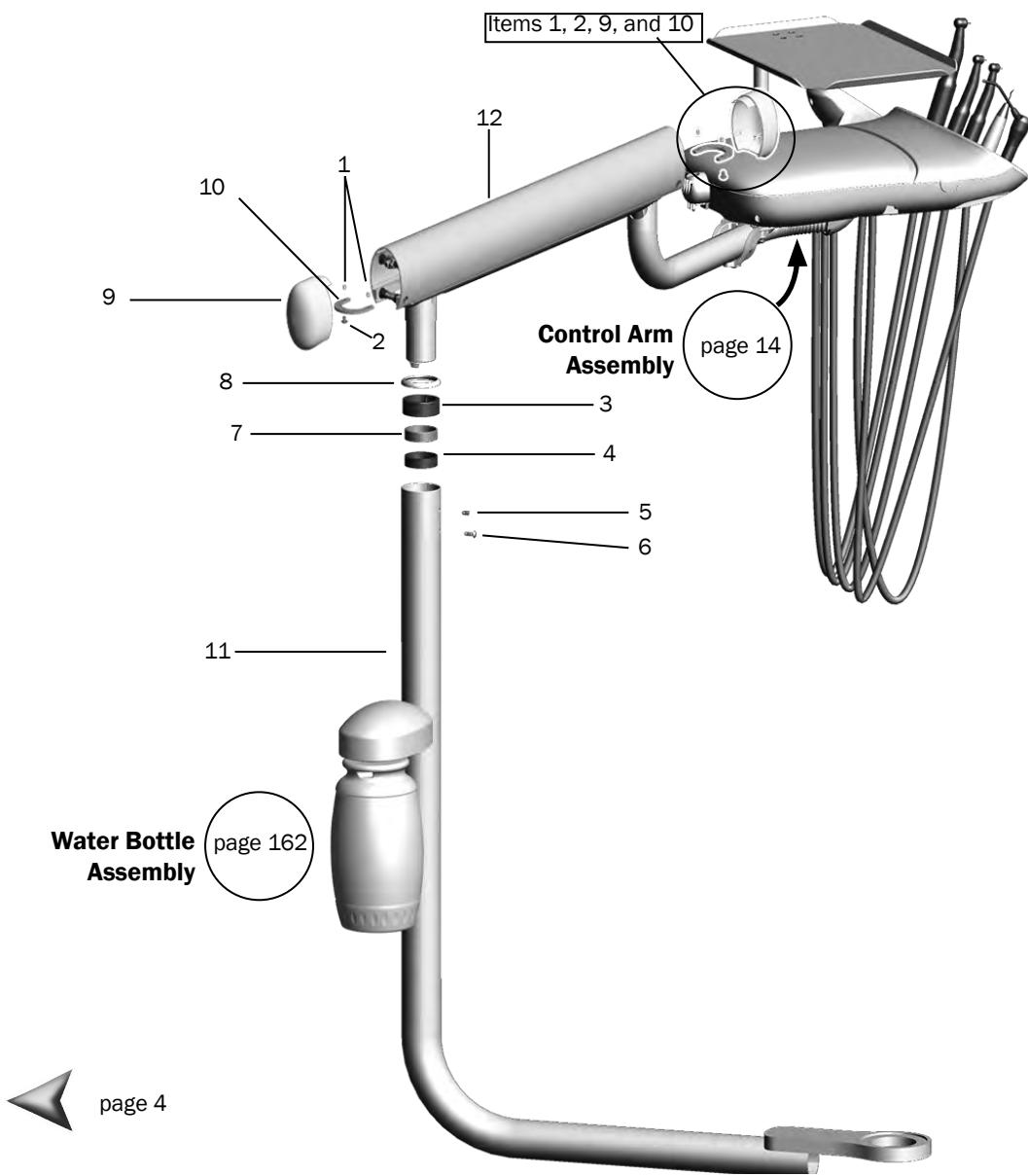
334/335 Delivery System on 361/363 Support Centers



334/335 on 361/362 (2" Post Mount) Support Centers



332/333 Flexarm and Rigid Arm Assemblies [311 (A)]



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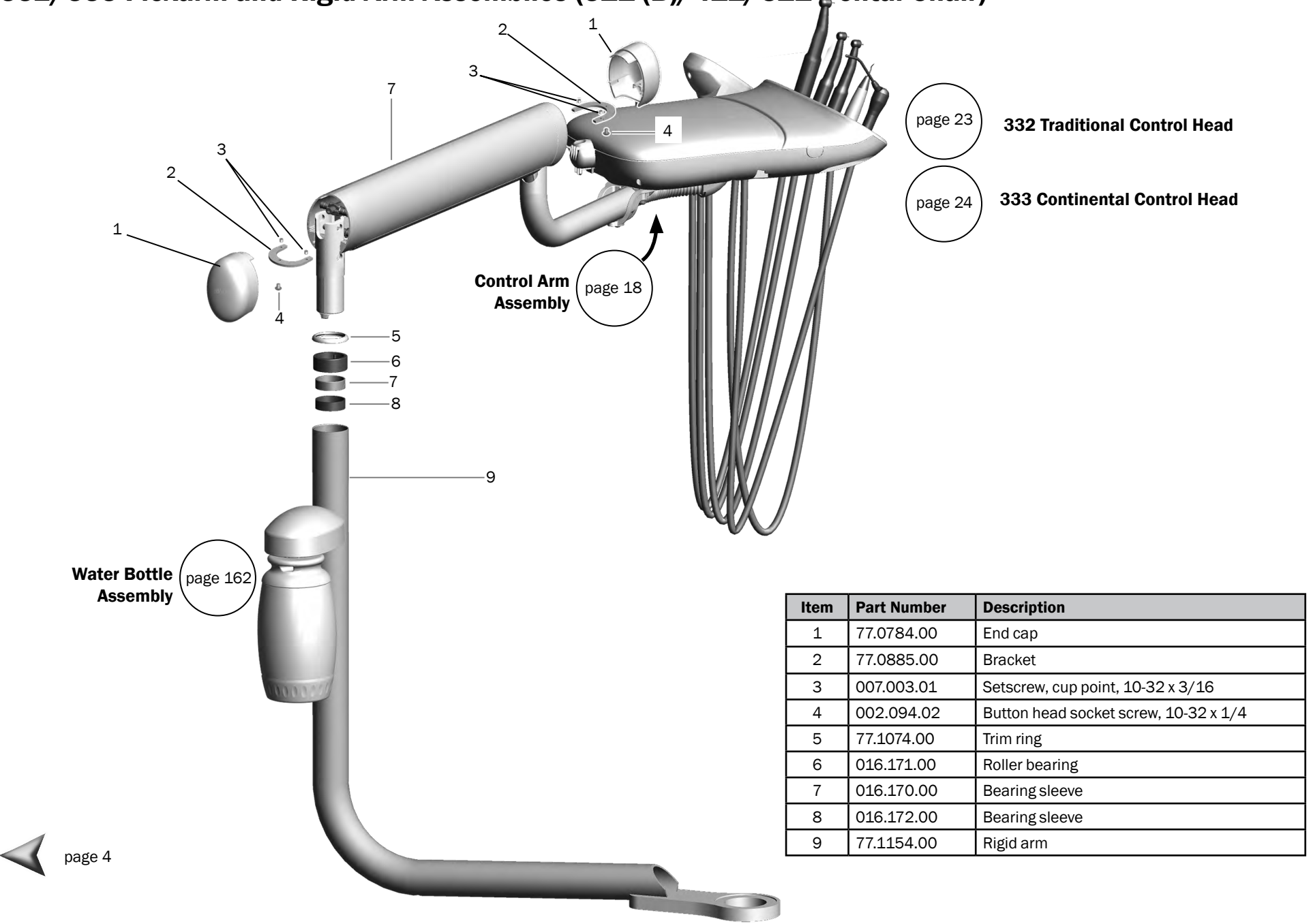
332 Traditional Control Head

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333 Continental Control Head

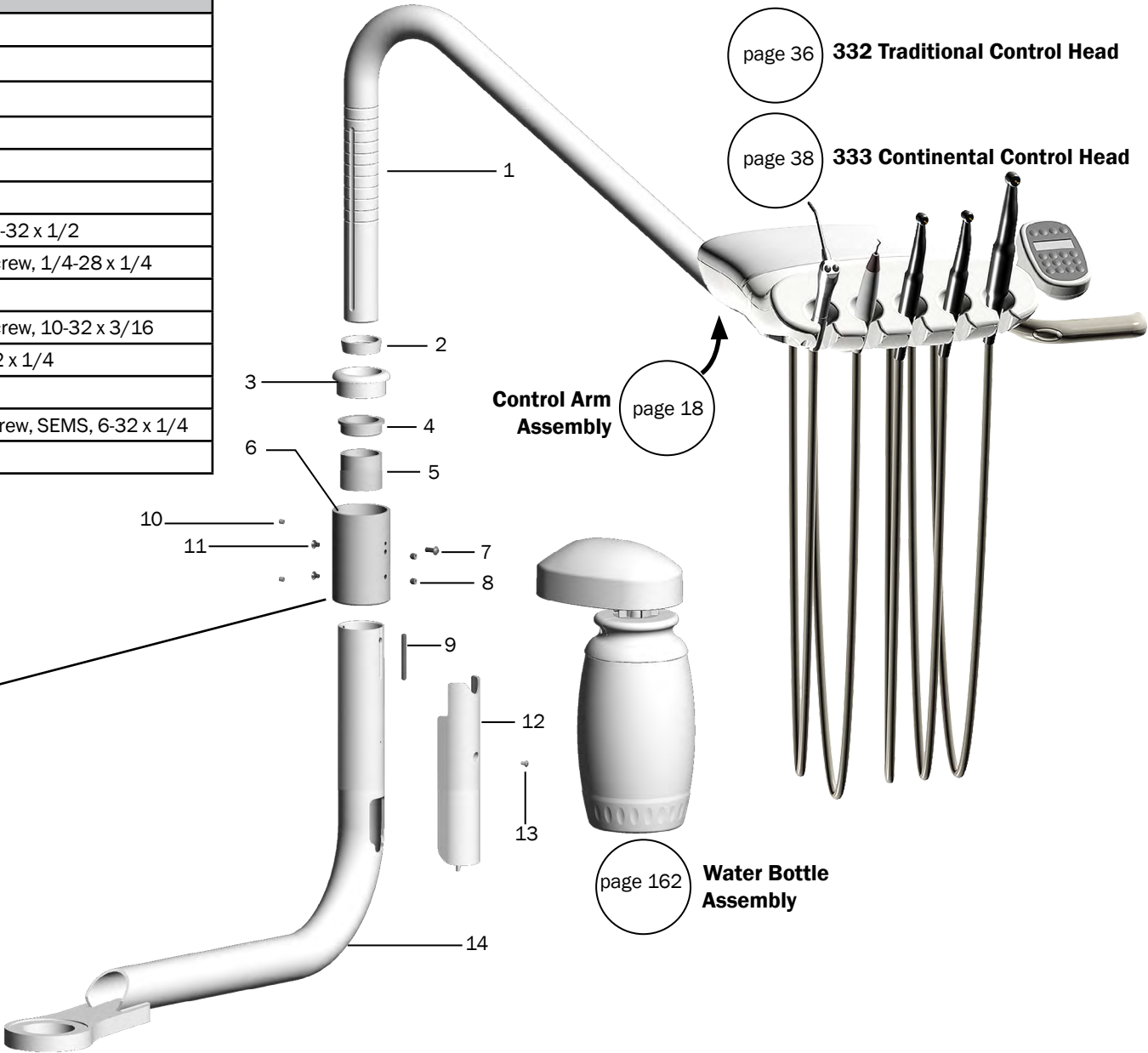
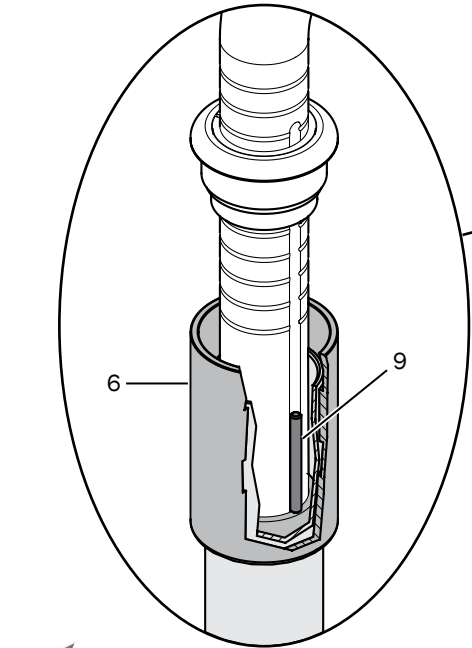
Item	Part Number	Description
1	007.001.00	Setscrew, cup point, 10-32 x 1/8
2	002.094.02	Button head socket screw, 10-32 x 1/4
3	016.171.00	Bearing, roller, 1.50" ID x 0.75" LG
4	016.172.00	Bearing, sleeve, 1.50" ID x 0.50" LG
5	007.056.00	Setscrew
6	005.110.00	Button head socket screw, 10-32 x 1/2
7	016.170.00	Bearing, sleeve, 1.510" ID x 0.500" LG
8	77.1074.00	Trim ring
9	77.0784.00	End cap
10	77.0885.00	Bracket
11	77.1055.00	300 Radius post weldment
12	77.0790.00	Flexarm assembly 332/333 (entire assembly)

332/333 Flexarm and Rigid Arm Assemblies (311 (B)/411/511 Dental Chair)



Rigid Arm Assembly (336)

Item	Part Number	Description
1	77.1437.00	Control post
2	35.1543.00	Stop ring
3	77.1344.00	Trim ring
4	35.1705.00	Upper bushing
5	35.1706.00	Lower bushing
6	77.1346.00	Sleeve
7	001.253.00	Button head screw, 10-32 x 1/2
8	007.056.00	Socket cup point setscrew, 1/4-28 x 1/4
9	35.1703.00	Rotation stop pin
10	007.003.01	Socket cup point setscrew, 10-32 x 3/16
11	001.224.00	Flat head screw, 10-32 x 1/4
12	77.1345.00	Conduit
13	001.194.00	Button head socket screw, SEMS, 6-32 x 1/4
14	77.1338.00	Rigid arm assembly



Flexarm and Rigid Arm Assemblies (334/335)

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332 Traditional Control Head

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333 Continental Control Head

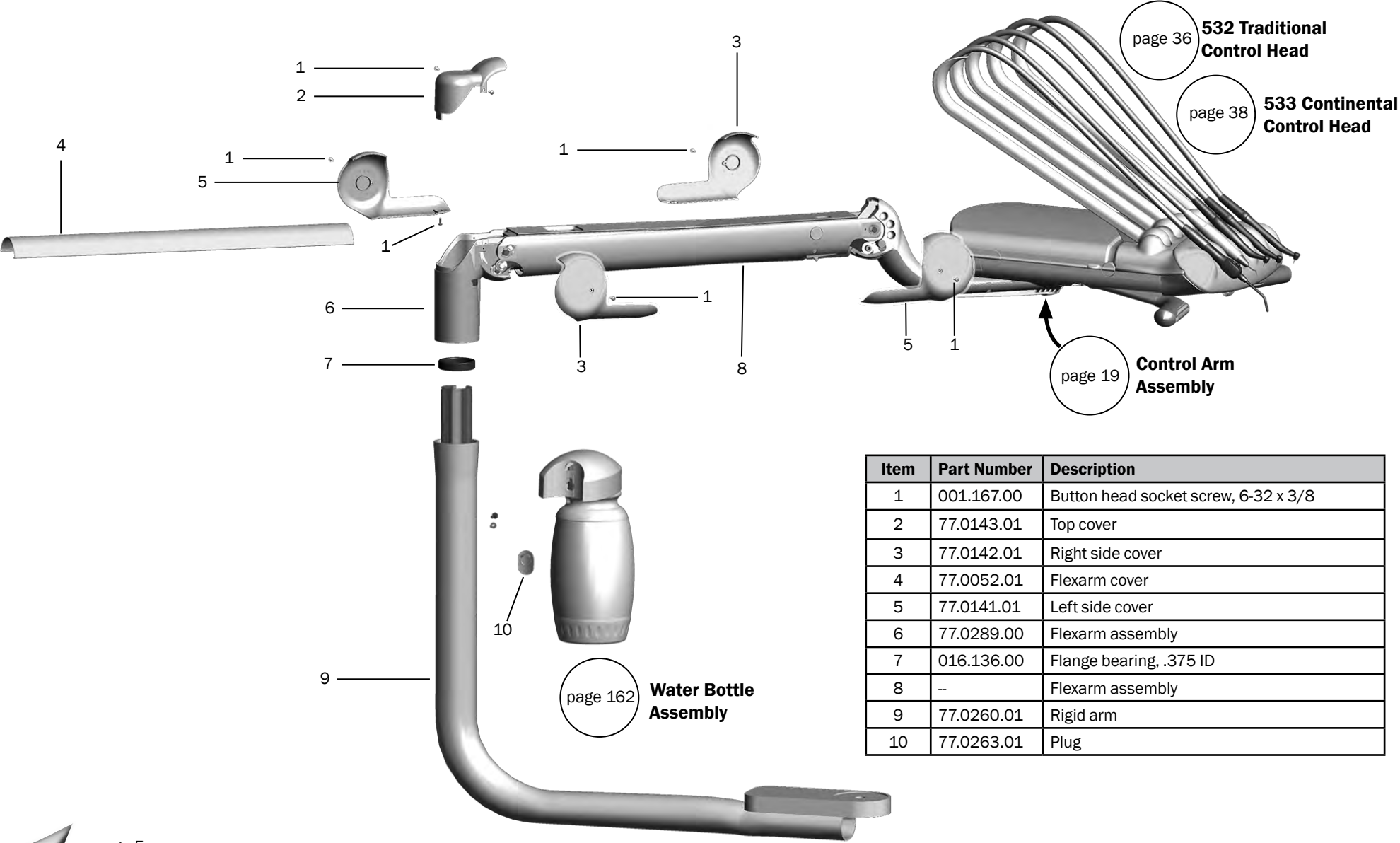
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Control Arm Assembly

Item	Part Number	Description
1	90.1230.00	300 Flex arm assembly kit
2	007.034.00	Setscrew, socket cup point 10-32x3/4"
3	007.003.01	Setscrew, socket cup point, 10-31x3/16"
4	007.0784.00	End Cap
5	002.094.02	Socket button head screw, 10-32x1/4" stainless steel
6	77.0885.00	Bracket
7	77.0792.00	Control arm
8	005.110.00	Socket button head, 10-32x1/2"
9	007.056.00	Socket cup point set screw, 1/4 x 28x1/4"
10	77.0802.00	Rigid arm

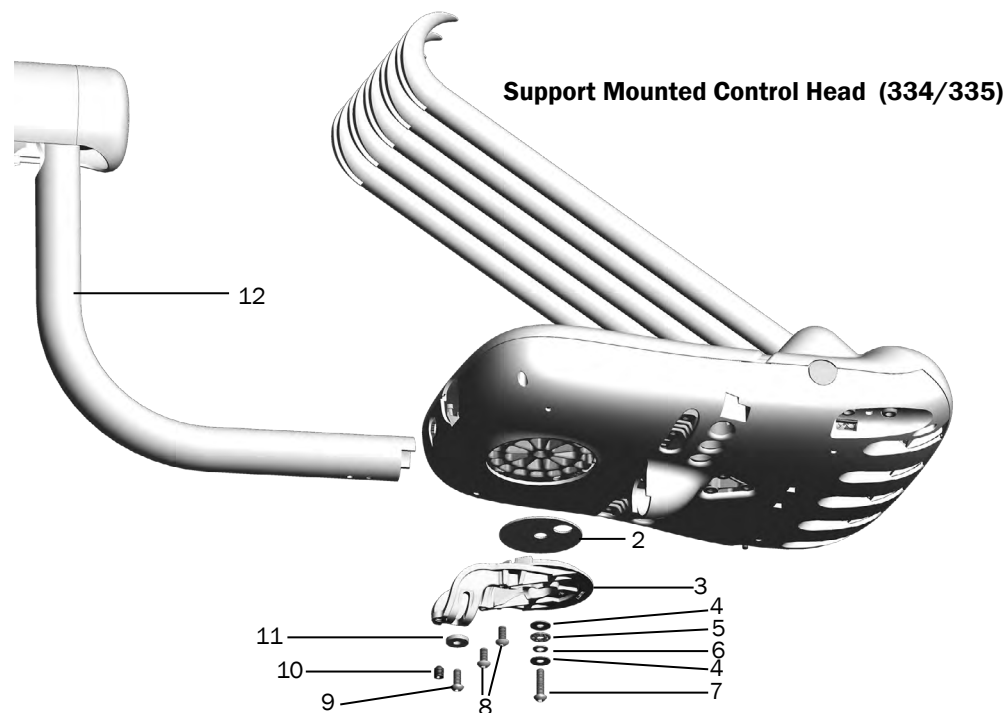
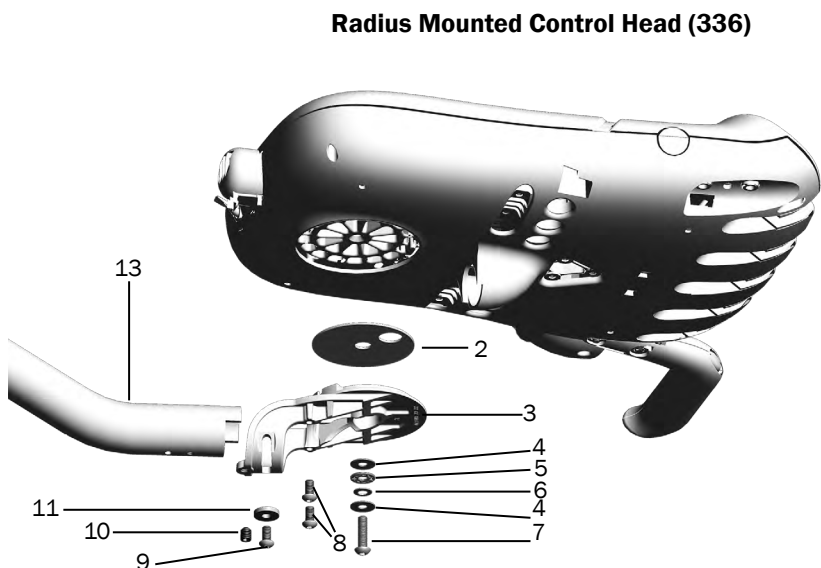
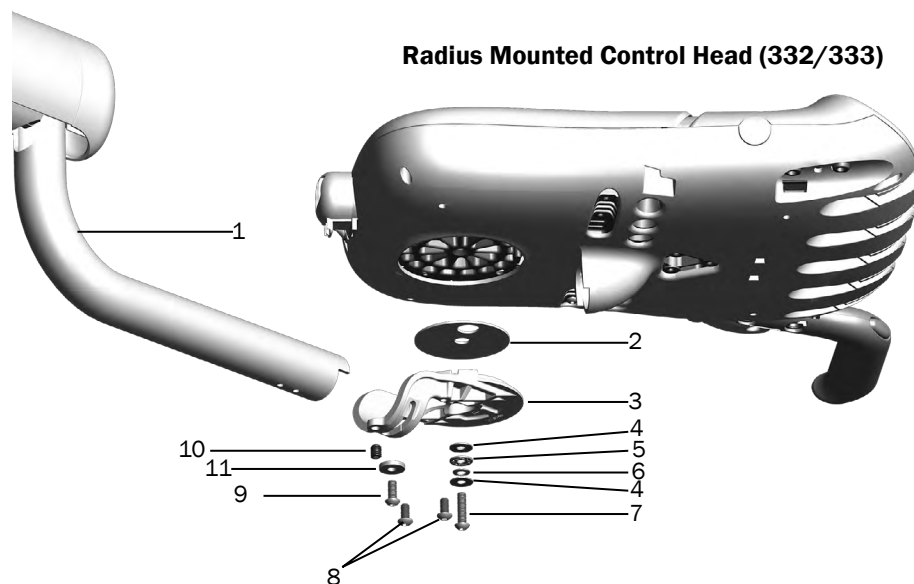
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Flexarm and Rigid Arm Assemblies (532/533)



Control Arm Assembly (300)

Item	Part Number	Description
1	77.1051.00	300 Radius control arm
2	77.0126.00	Rigid link washer
3	77.1144.01	Control head pivot bracket
4	016.053.00	Thrust washer, .250 ID
5	016.054.00	Thrust needle bearing, .25 ID x .087 LG
6	004.162.00	Spring washer, .25 ID
7	005.109.00	Button head socket screw, 1/4-20 x 1"
8	001.130.00	Pan head slot screw, 1/4-20 x 1/2
9	005.002.02	Button head socket screw, 1/4-20 x 5/8
10	007.012.00	Flat point socket screw, 5/16-18 x 3/8
11	004.170.00	Thrust washer, .625 ID
12	77.0792.00	300 Control arm
13	77.1437.00	Upper control post



Control Arm Assembly (500)

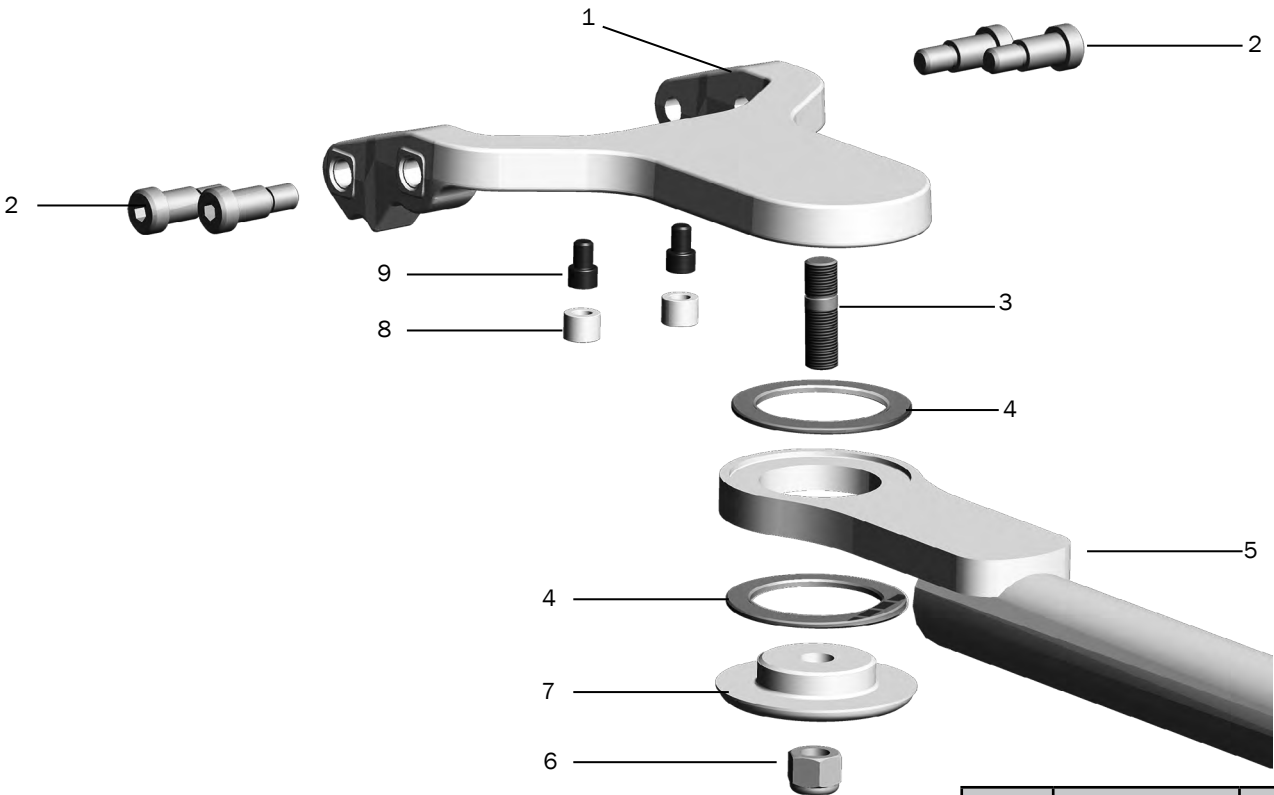
The diagram illustrates the assembly of the Control Arm (500). It shows the main control arm body, a hub mount plate, a thrust bearing, a pivot hub, and various fasteners. The assembly is shown in an exploded view, with components labeled 1 through 6. A callout box on the right indicates that the assembly is for the 532 Traditional Delivery System (page 36) and the 533 Continental Delivery System (page 38).

page 36 **532 Traditional Delivery System**

page 38 **533 Continental Delivery System**

Item	Part Number	Description
1	002.117.00	Button head socket screw, 5/16-18 x 3/4
2	004.009.00	Split lock washer
3	77.0265.00	Hub mount plate
4	016.133.00	Thrust bearing
5	77.0160.00	Pivot hub
6	005.026.00	Button head patch screw, 1/4-20 x 3/4

Front Mount Assembly [311 (A) Dental Chair]

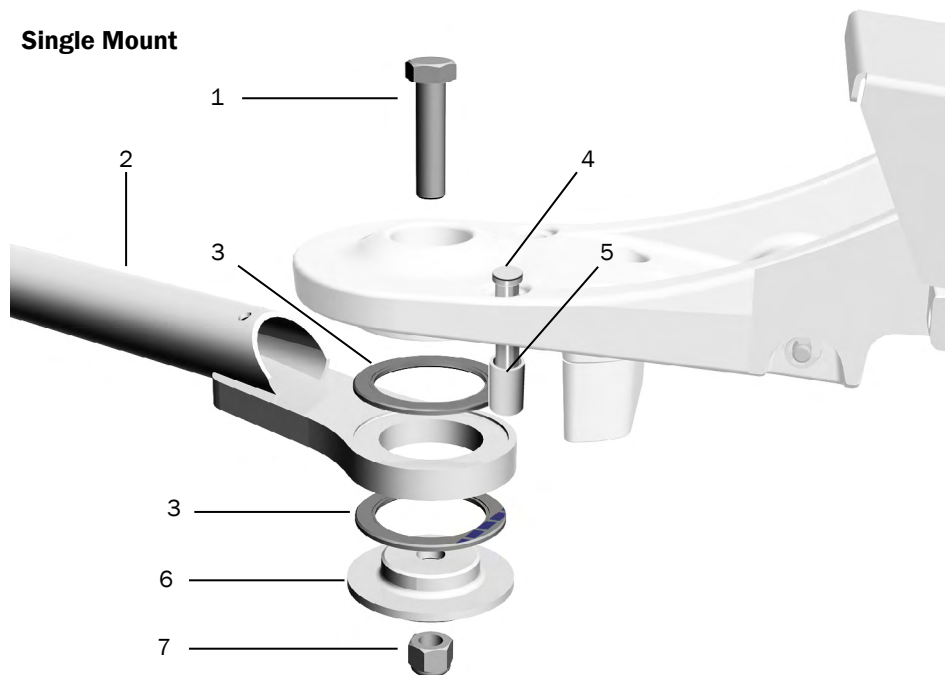


Item	Part Number	Description
1	77.1037.00	Radius front mount
2	001.165.00	Socket shoulder screw
3	77.1070.00	Stud
4	016.133.00	Bearing (blue line facing radius arm, Item 5)
5	77.1055.00	Rigid arm
6	006.124.00	Nut, 5/8-18
7	77.1057.01	Mount cap bearing
8	77.1069.00	Bumper
9	002.158.00	Socket head screw 3/8-16 x 1/2

Replacement Kit	Items Included	Description
77.1076.00	1, 3, 4, 5, 7, 9	Radius arm assembly, 300

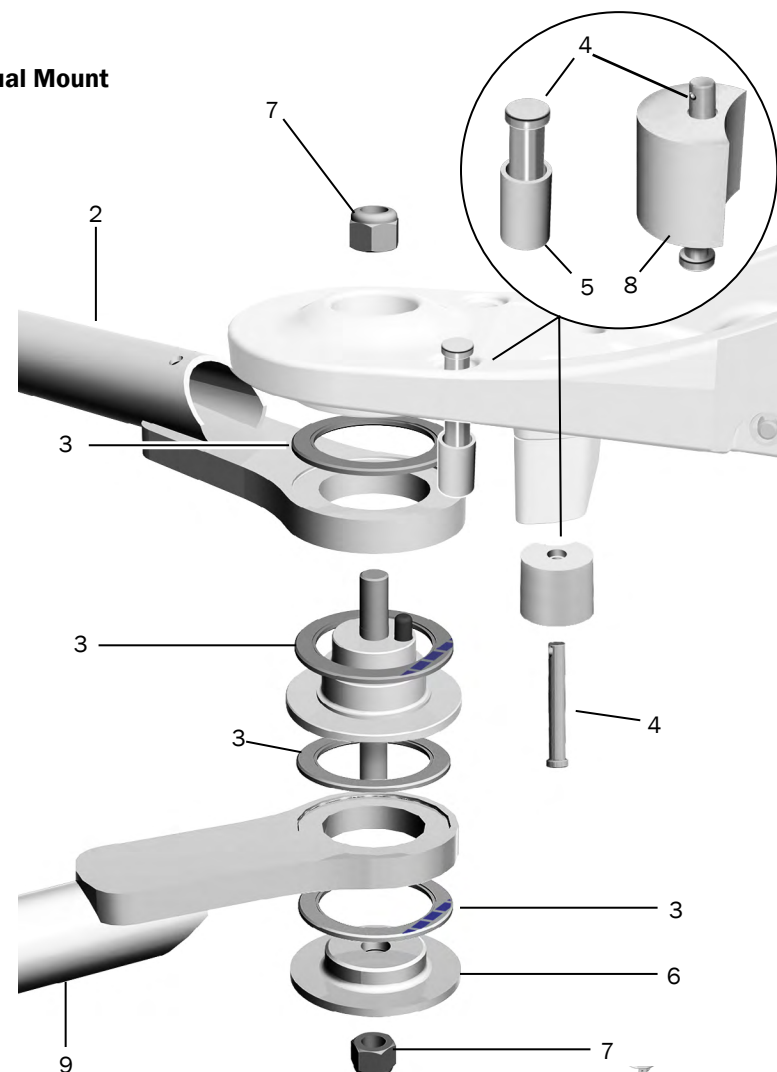
Front Mount Assembly (311 (B)/411 Dental Chairs)

Single Mount

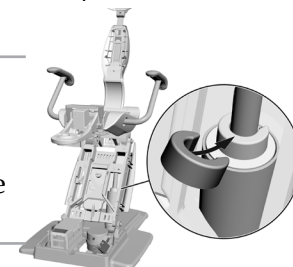


Item	Part Number	Description
1	005.176.00	Screw, hex head, GR5, 5/8 - 18 x 2-3/4
2	77.1154.00	Radius arm assembly
3	016.133.00	Thrust bearing (blue line facing radius arm, Item 2)
4	011.125.00	Clevis pin, .375 OD x 2"
5	036.117.00	Bumper
6	77.1057.00	Cap bearing
7	006.124.00	Clinch nut, 10-32 x .78
8	77.1170.00	Dual stop
9	-	Light or monitor mount post

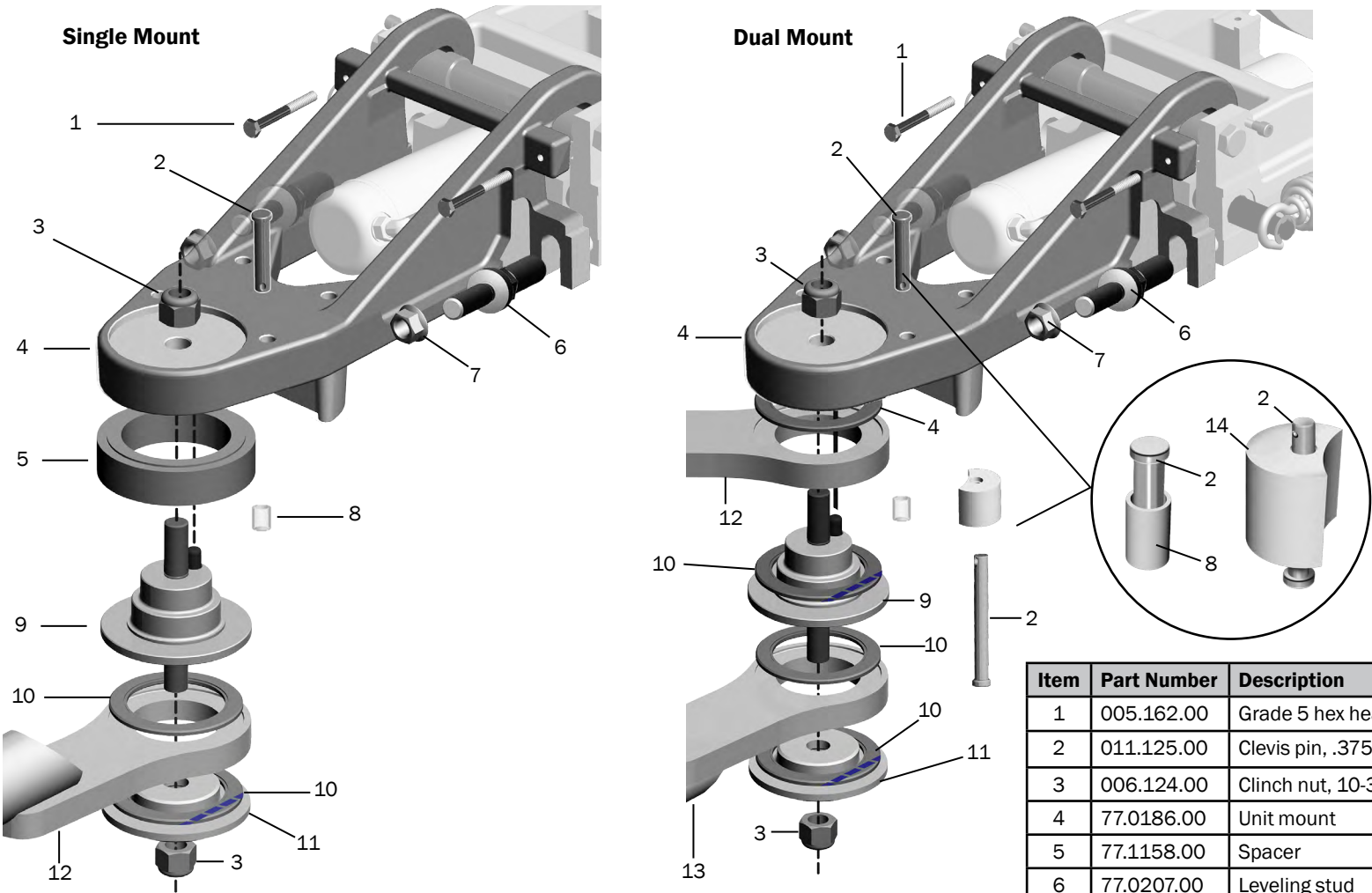
Dual Mount



CAUTION When installing dual rigid arms on a 311 (B) chair, a spacer must be installed on the lift cylinder to prevent the arms from contacting and damaging the chair covers. See installation instructions for the 311 (B) chair.



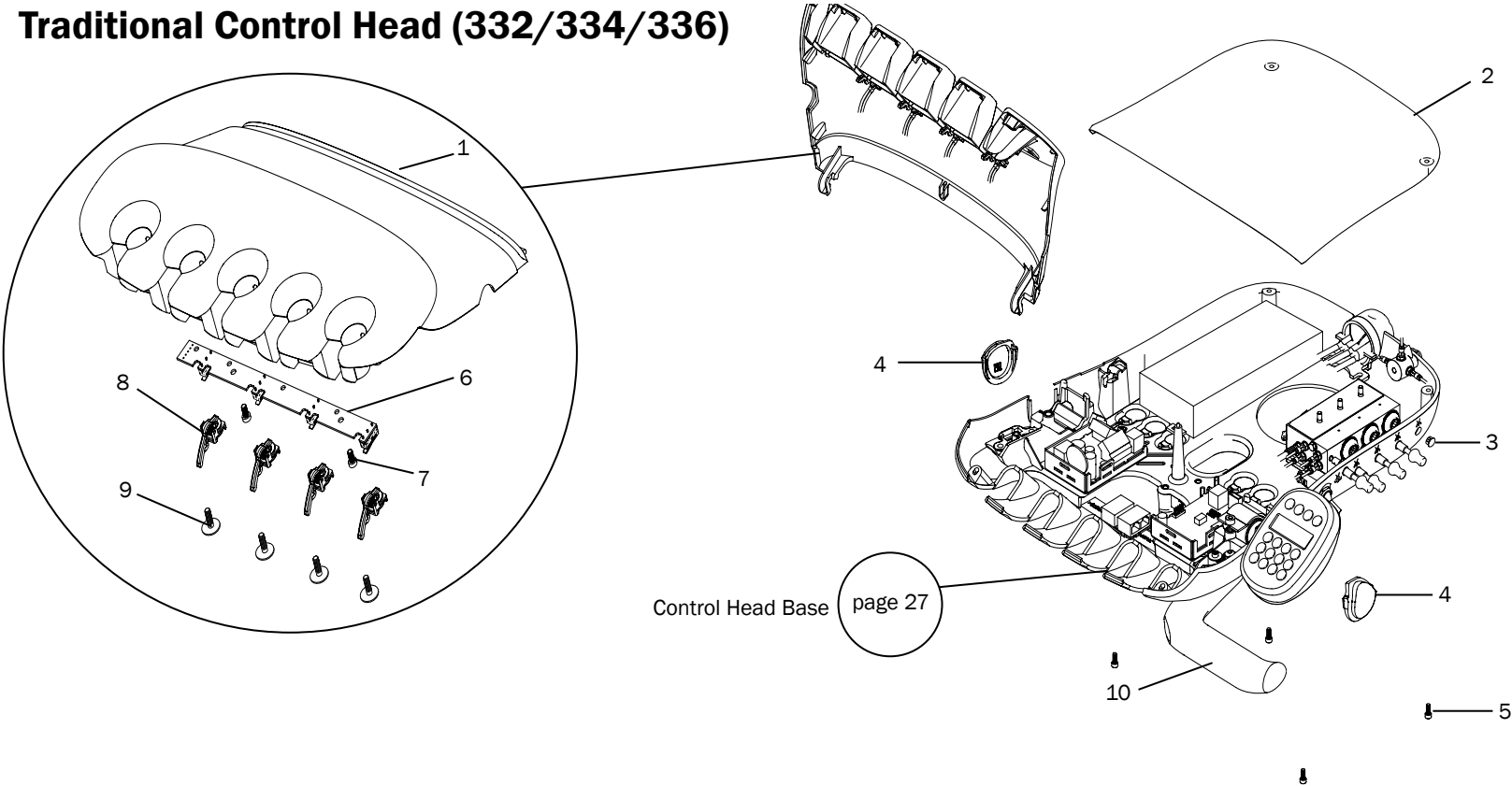
Front Mount Assembly (511 Dental Chair)



CAUTION When installing dual rigid arms on a 511 chair, a spacer must be installed on the lift cylinder to prevent the arms from contacting and damaging the chair covers. See installation instructions for the 511 chair.

Item	Part Number	Description
1	005.162.00	Grade 5 hex head screw, 1/4-20 x 2-1/4
2	011.125.00	Clevis pin, .375 OD x 2"
3	006.124.00	Clinch nut, 10-32 x .78
4	77.0186.00	Unit mount
5	77.1158.00	Spacer
6	77.0207.00	Leveling stud
7	006.145.00	Serrated flange nut
8	036.117.00	Bumper
9	77.1164.00	Hub assembly
10	016.133.00	Thrust bearing (blue line facing rigid arm or mount post)
11	77.0088.01	Cap bearing
12	77.1154.00	Rigid arm assembly
13	--	Light or monitor mount post
14	77.1174.00	Dual mount rotation stop

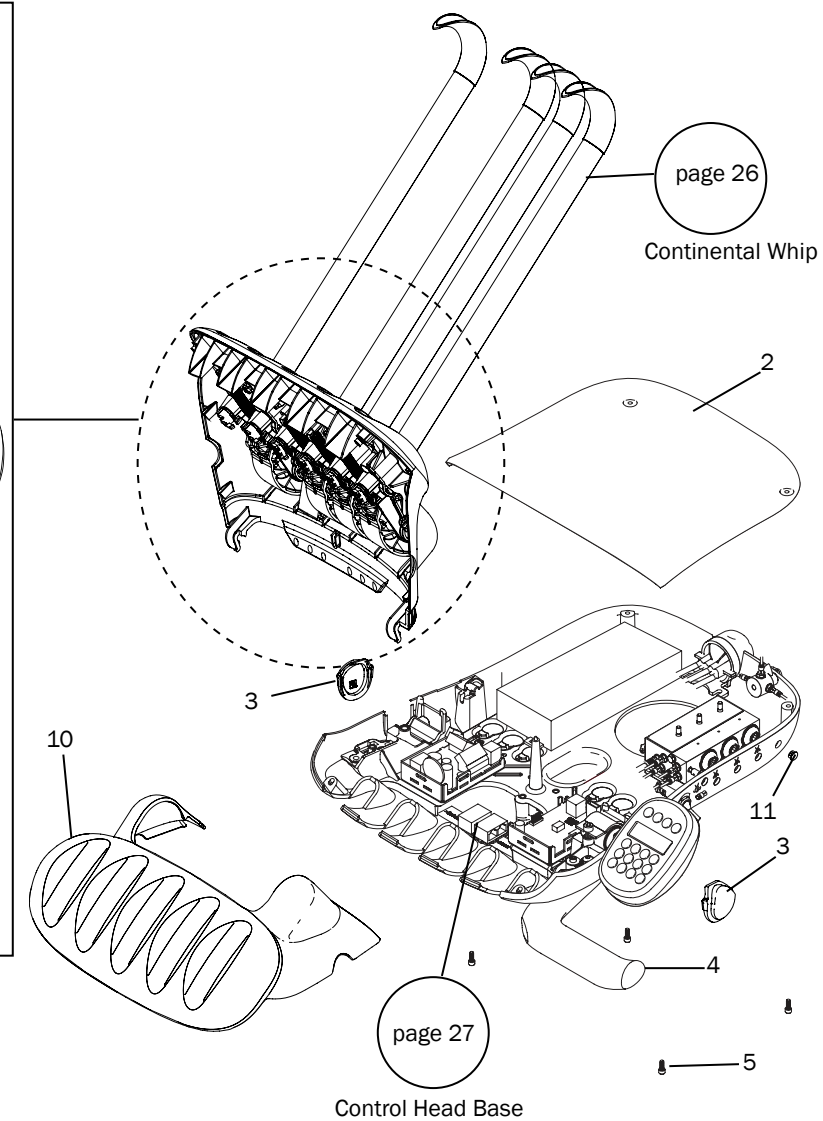
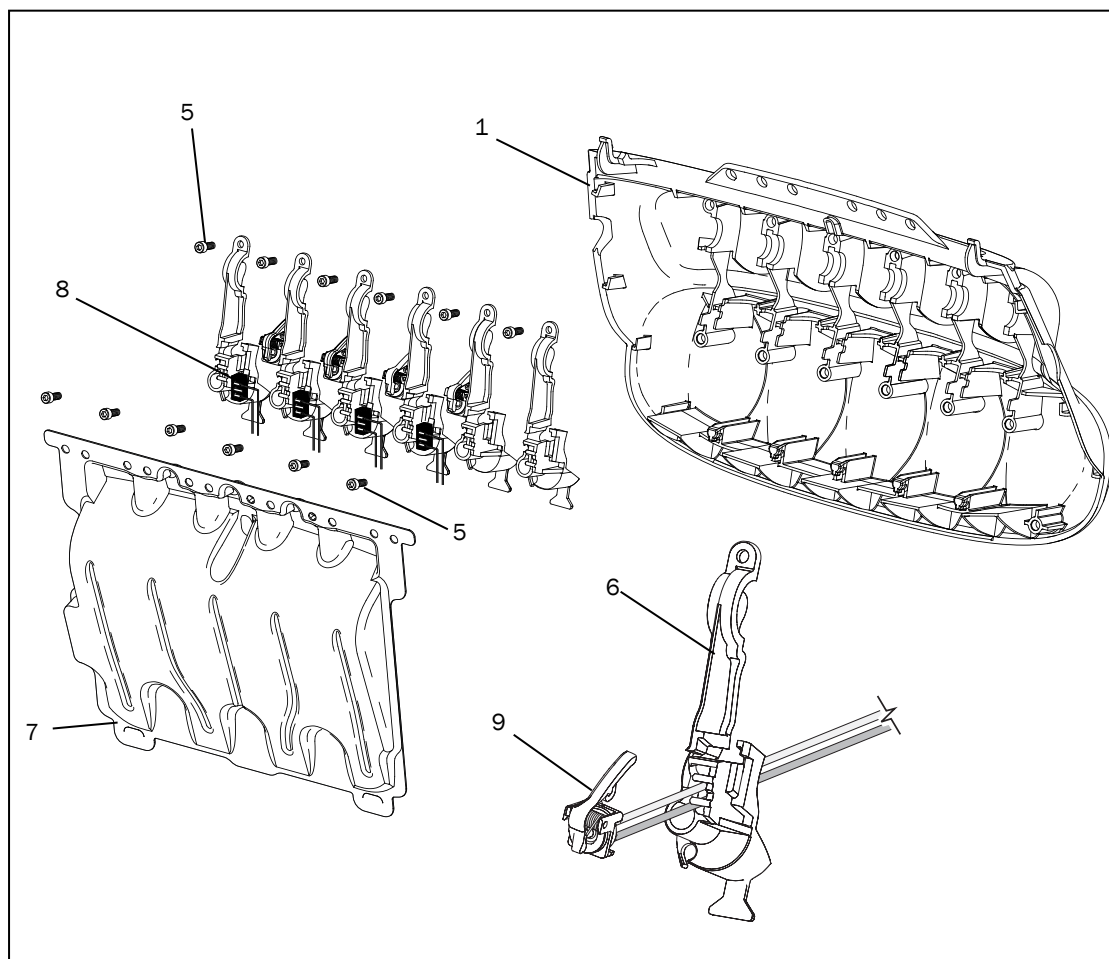
Traditional Control Head (332/334/336)



Item	Part Number	Description
1	77.0796.00	Cover, top, front
2	77.0795.00	Cover, top, rear
3	018.121.00	Hole Plug
4	77.0845.00	Touchpad hole plug
5	001.033.00	Screw, socket head, 6 - 32 x 3/8", stainless steel
6	43.0147.00	Electric switch assembly
7	001.033.00	Screw, socket Head, 6-32 x 3/8" stainless steel
8	99.0654.03	Valve assembly, actuator with tubing
9	005.161.00	Screw, socket head, 6-32 x 5/8" with washer, stainless steel
10	90.1281.00 90.1451.00	Brake handle dual assembly (332/334) Handle assembly (336)

Replacement Kit	Items Included	Description
90.1174.00	6	Traditional holder switch

Continental Control Head (333/335)



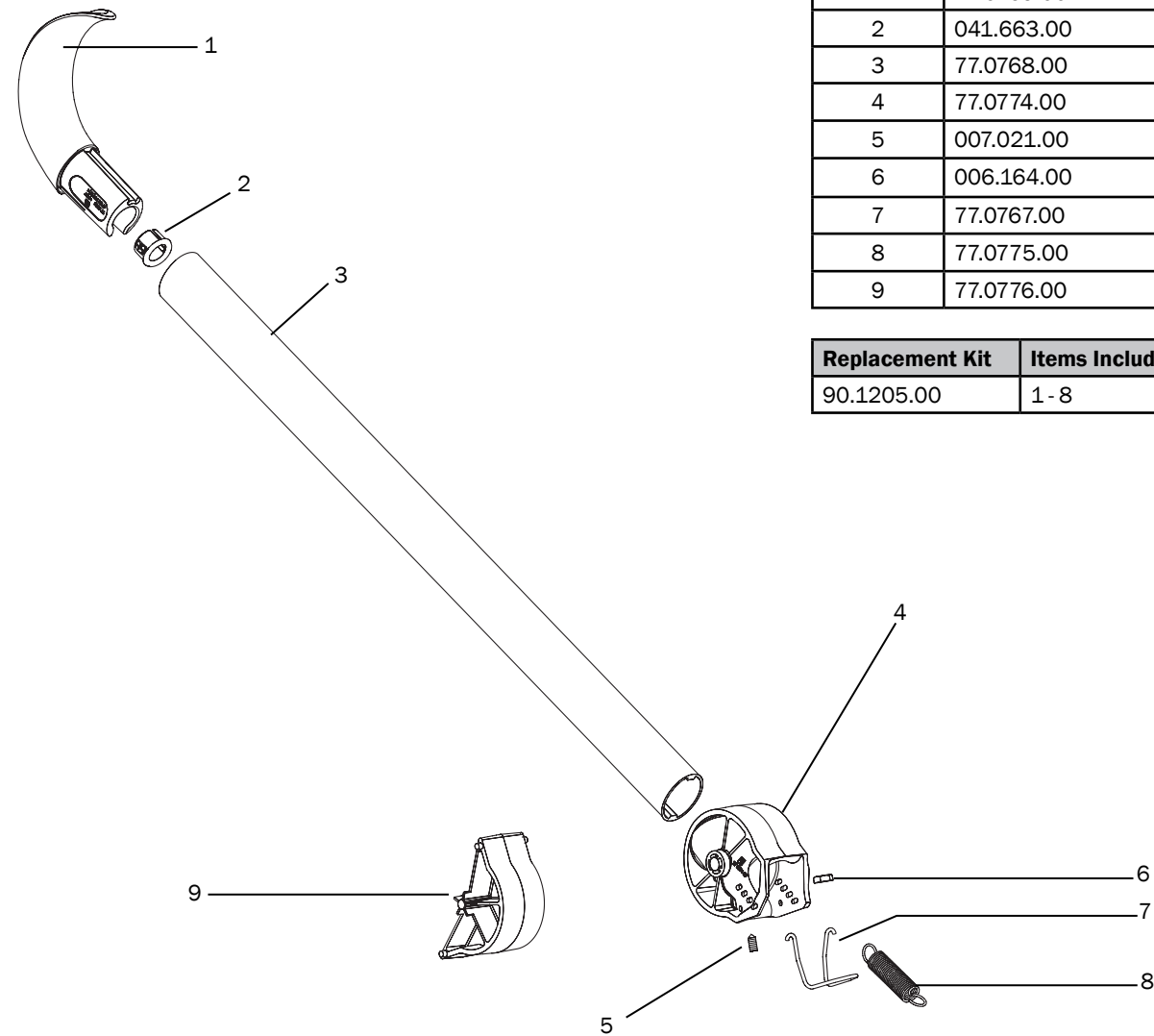
Continental Control Head (333/335)**p/n 77.0915.00**

Item	Part Number	Description
1	77.0797.00	Continental cover, front
2	77.0795.00	Cover, top rear
3	77.0845.00	Touchpad hole plug
4	90.1281.00	Brake handle assembly
5	001.033.00	Screw, socket head, 6-32 x 3/8" stainless steel
6	77.0770.00	Whip retainer
7	77.1001.00	Drip shield
8	43.0124.00	Switch assembly
9	99.0654.03	Valve, white with tubing
10	77.1225.00	Instrument pad
11	018.121.00	Hole plug

Replacement Kit	Items Included	Description
90.1175.00	8	Switch assembly kit



Continental Whip (333/335)

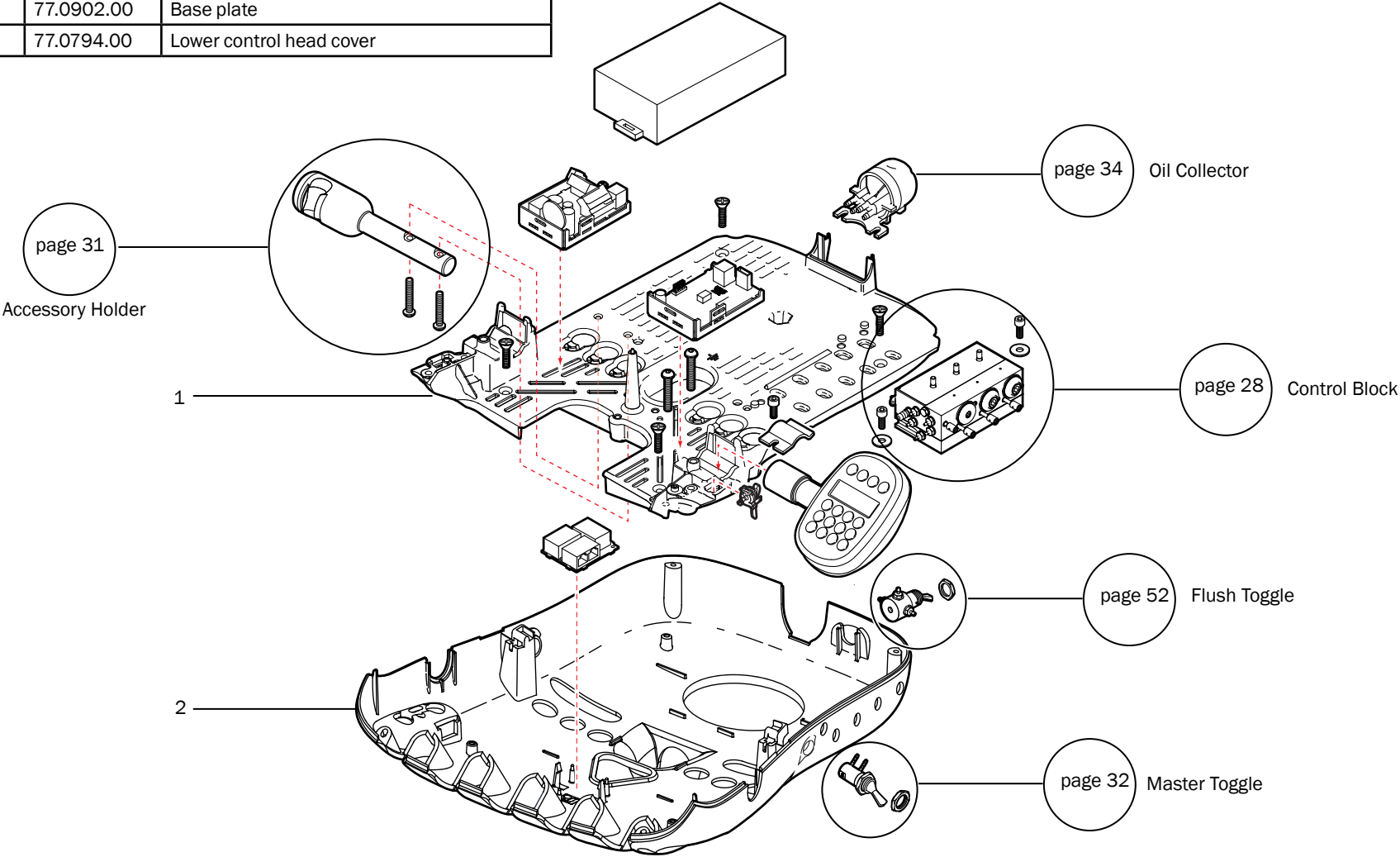


Item	Part Number	Description
1	77.0769.00	Whip hook
2	041.663.00	Bushing, cable, 7/16" ID
3	77.0768.00	Whip arm
4	77.0774.00	Whip base
5	007.021.00	Set screw, 6 - 32 x 5/16"
6	006.164.00	Hex nut, 6 - 32 x 5/16" x 7/64 stainless steel
7	77.0767.00	Spring bail
8	77.0775.00	Spring
9	77.0776.00	Blank whip base

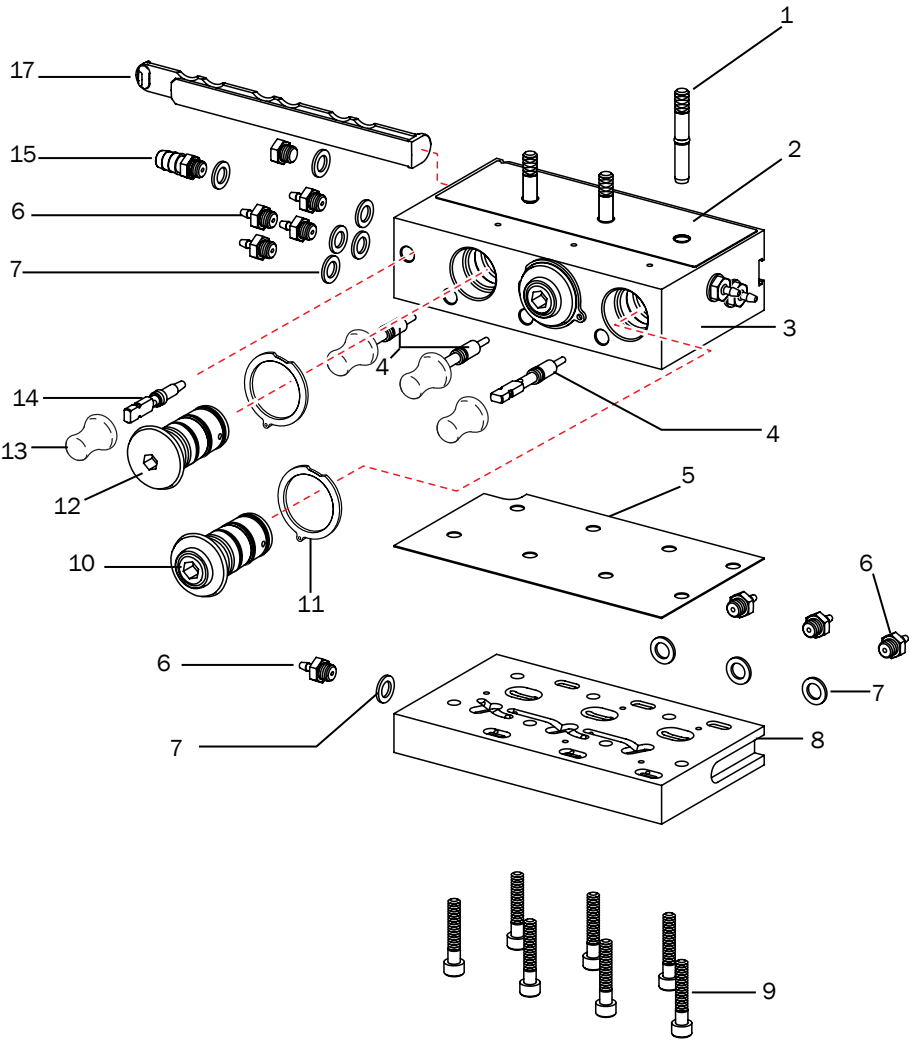
Replacement Kit	Items Included	Description
90.1205.00	1 - 8	Whip assembly kit, Continental 300

Control Head Base (300)

Item	Part Number	Description
1	77.0902.00	Base plate
2	77.0794.00	Lower control head cover



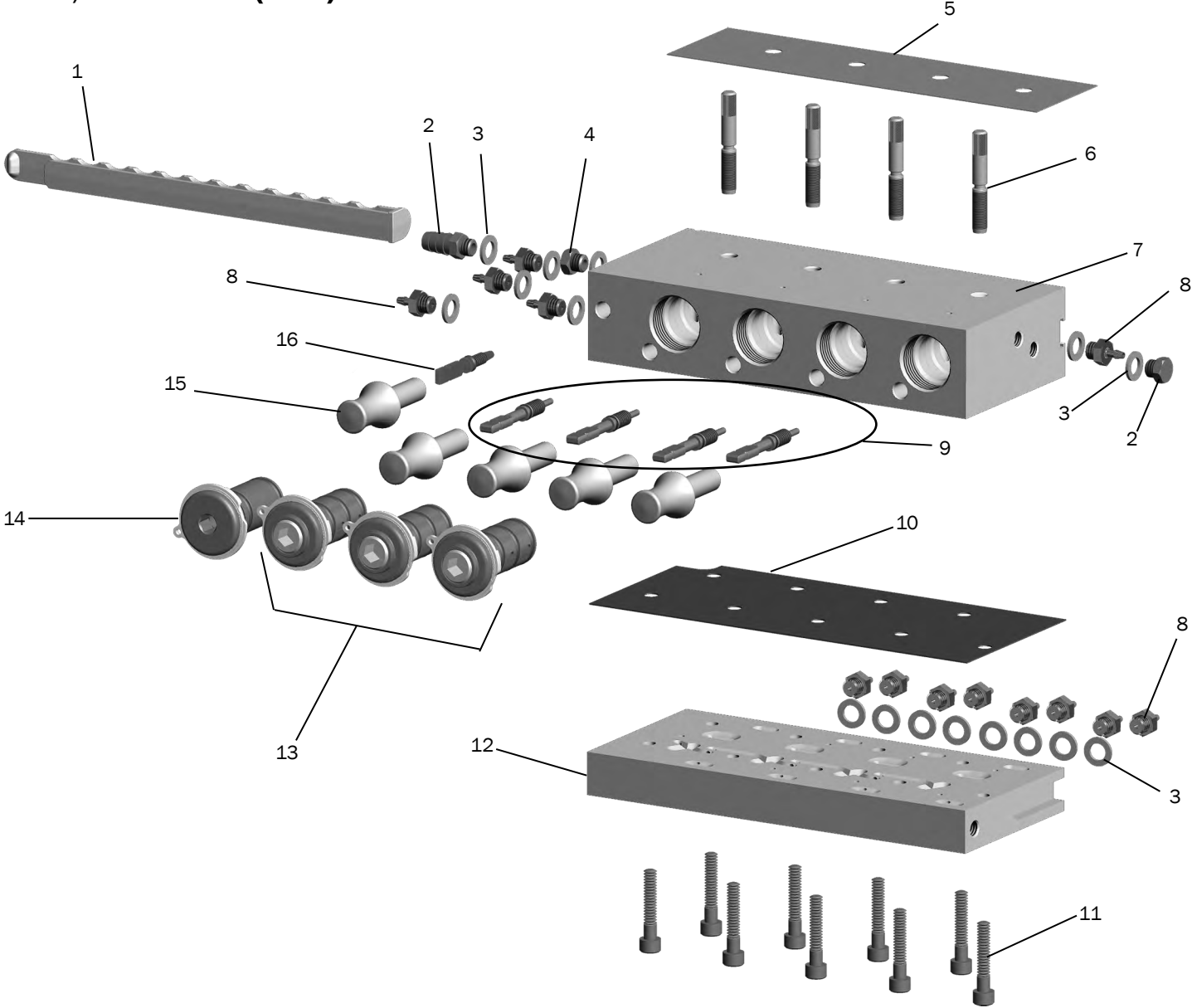
Control Block, 3 Position (300)



Item	Part Number	Description
1	38.1785.01	Stem, drive air with o-ring
2	051.710.01	Label, control block
3	38.1817.00	Control Block
4	38.1824.00	Stem, water flow adjustment with o-ring
5	38.1833.01	Diaphragm, 3 position control block, pkg of 5
6	023.004.01	Barb, 1/8" x 10-32, pkg of 10
7	004.005.02	Washer, flat nylon, .187 ID, pkg of 10
8	38.1818.00	Control block cap
9	001.240.00	Screw, socket head, 6-32 x 3/4" stainless steel
10	38.1780.00	Water cartridge assembly
11	38.1799.01	Retaining ring, pkg of 5 (part of 38.1780.00 and 38.1783.00)
12	38.1783.00	Water cartridge assembly, dry
13	38.1823.00	Flow adjustment key
14	38.1825.00	Stem, air coolant adjustment with o-ring
15	023.805.01	Barb, 5/16" x 10-32, pkg of 10
16	021.016.04	Hex plug, 10-32, pkg of 10
17	38.1800.01	Barb, retainer, 3 position

Replacement Kit	Items Included	Description
38.1831.00	3, 8	Control block, 300, 3 position

Control Block, 4 Position (300)



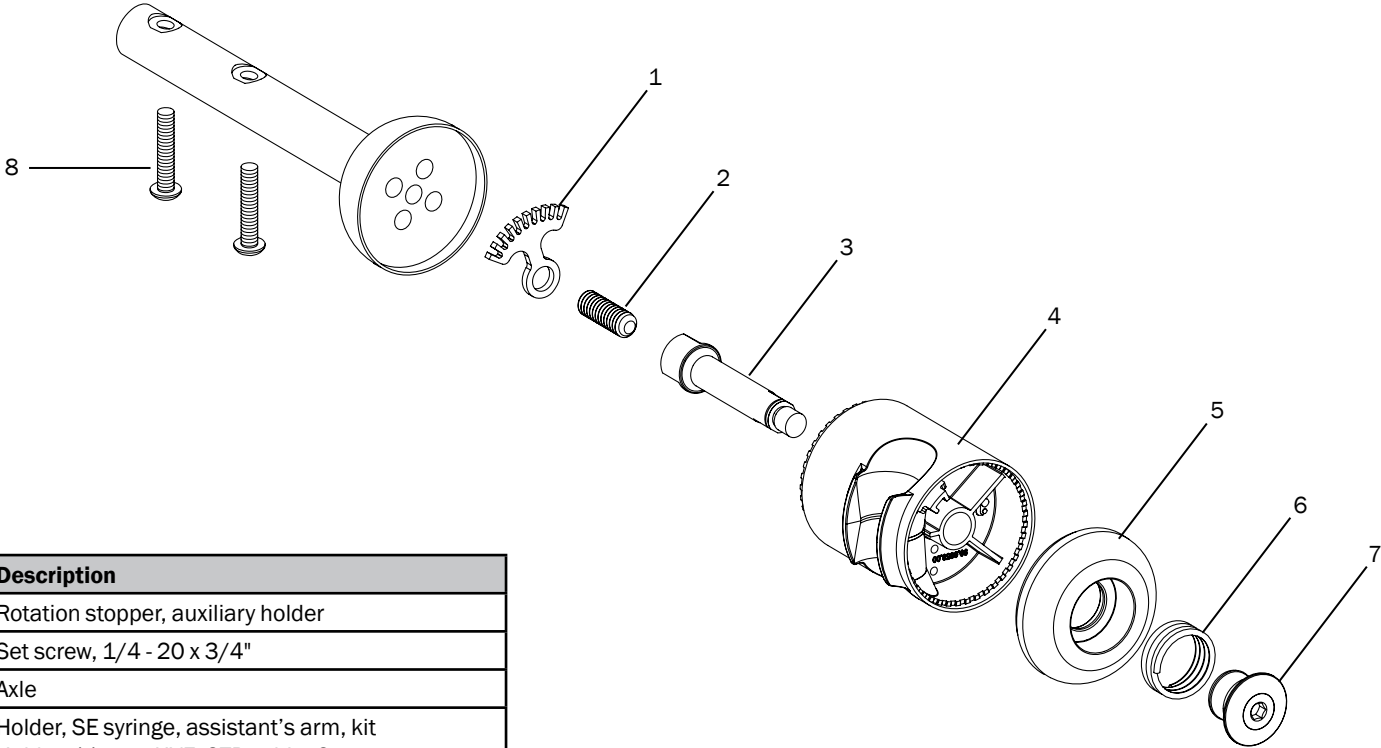
Control Block, 4 Position (300)

p/n 38.1830.00

Item	Part Number	Description
1	38.1800.00	Barb retainer
2	023.805.00	Barb, 10-32 5/16"
3	004.005.00	Washer
4	021.016.00	Plug, 10-32
5	051.710.00	Control block label
6	38.1785.01	Adjustment stem
7	38.1777.00	Control block
8	023.004.00	Barb, 10-32, 1/8"
9	38.1824.00	Water flow adjustment stems
10	38.1787.00	Diaphragm
11	001.240.00	Socket head screw, 6-32 x 3/4
12	38.1778.00	Cap
13	38.1780.00	Water cartridge assembly
14	38.1783.00	Dry cartridge assembly
15	38.1823.00	Flow adjustment knob
16	38.1799.01	Washer (set of 5)



Accessory Holder (334/335)



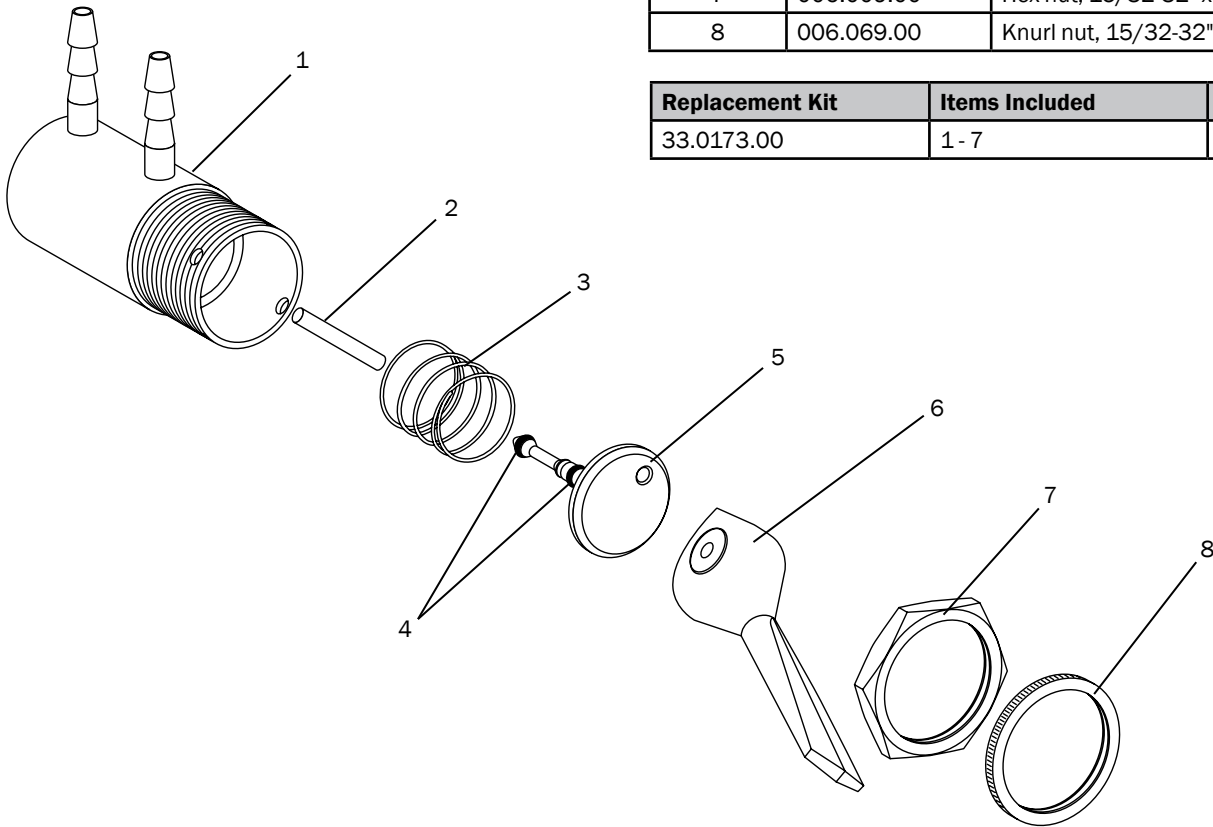
Item	Part Number	Description
1	99.0686.00	Rotation stopper, auxiliary holder
2	007.023.00	Set screw, 1/4 - 20 x 3/4"
3	99.0660.00	Axle
4	99.0653.03 99.0650.03 99.0652.03	Holder, SE syringe, assistant's arm, kit Holder, 11 mm, HVE, STD, white 2 Holder, 15 mm, HVE, assistant's arm, kit, white 2
5	99.0648.02	End cap, holder, assistant's
6	013.011.00	Spring, comp, 760 OD x .47
7	99.0659.00	Nut, end cap, holder assembly
8	005.124.00	Screw, 10 - 32 x 1, button head socket

Replacement Kit	Items Included	Description
77.0919.00	1 - 8	Holder assembly, Auxiliary 300
90.1216.00	4 - 7	End cap kit

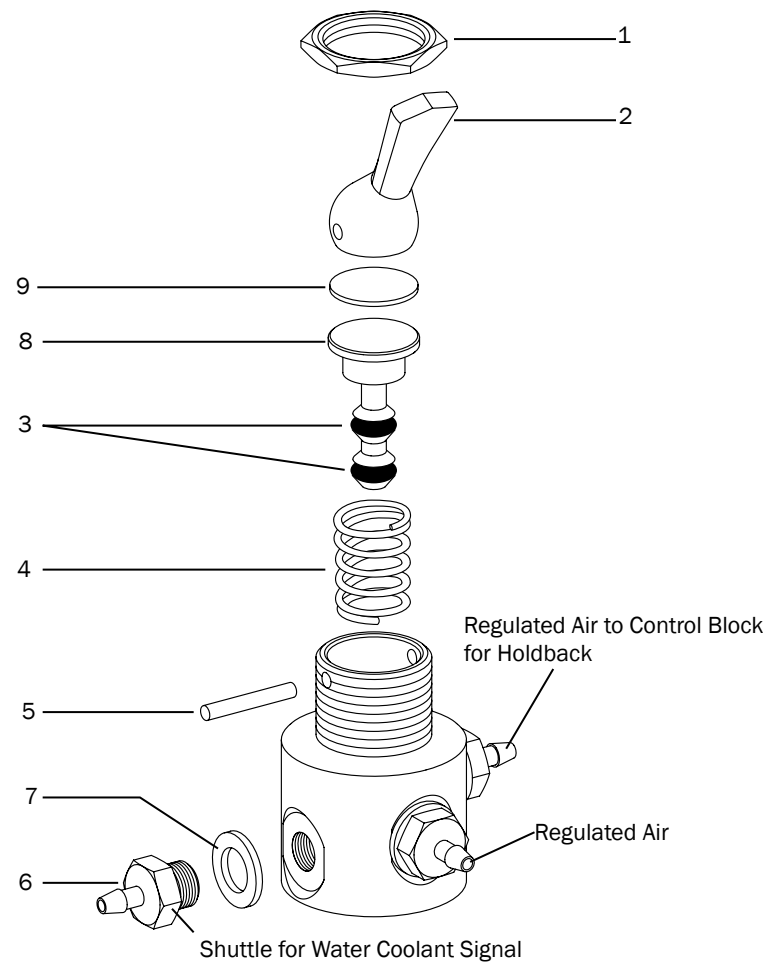
Master Toggle (334/335)

Item	Part Number	Description
1	33.0050.00	Round toggle valve body
2	011.038.01	Straight pin, .062 diameter x .430, pkg of 5
3	22.0040.00	Compression spring, .300 OD x .40
4	030.001.02	O-ring, pkg of 10
5	29.0840.00	Valve stem with O-rings, 3-way
6	22.0462.03	Plastic toggle valve lever
7	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32"
8	006.069.00	Knurl nut, 15/32-32"

Replacement Kit	Items Included	Description
33.0173.00	1 - 7	Valve assembly, 3 way, round, gray 3



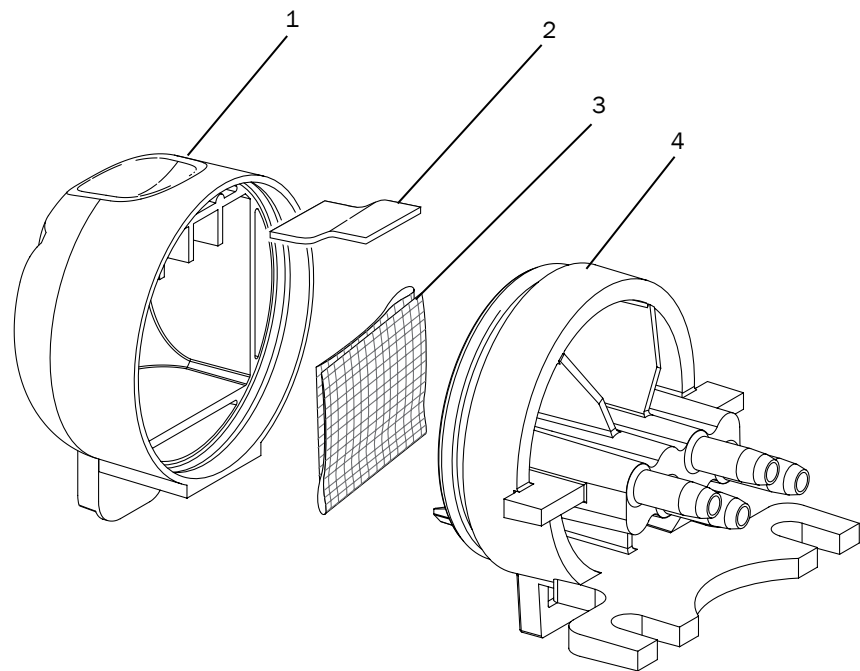
Flush Toggle (334/335)



p/n 33.0168.01

Item	Part Number	Description
1	006.009.00	Hex nut 15/32-32" X 9/16 X 3/32"
2	33.0036.03	Momentary toggle lever
3	030.003.02	O-ring, .056 ID x .060 W, pkg of 10
4	013.076.00	Spring, compression, .360 OD x .35 FL
5	011.038.01	Straight pin, .062 diameter x .430, pkg of 5
6	023.004.03	Barb, 1/8" x 10-32, pkg of 10
7	004.005.02	Washer, flat, nylon, .187 ID, pkg of 10
8	33.0170.00	Stem, valve, 4 way
9	80.5025.00	Spacer, momentary toggle

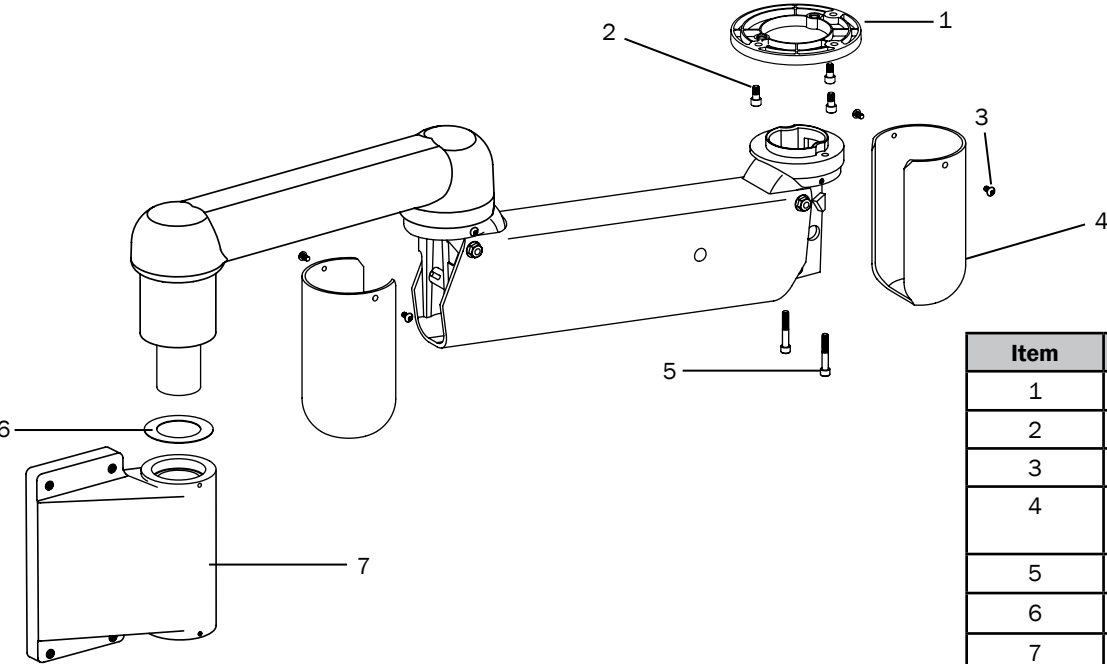
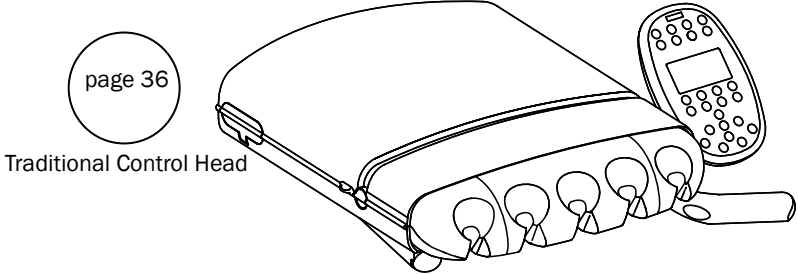
Oil Collector (300)



p/n 90.1110.01

Item	Part Number	Description
1	77.0336.01	Oil collector, top
2	90.1106.00	Muffler, foam, pkg of 5
3	026.143.00	Gauze, 2" x 2"
4	77.0337.01	Oil collector, bottom

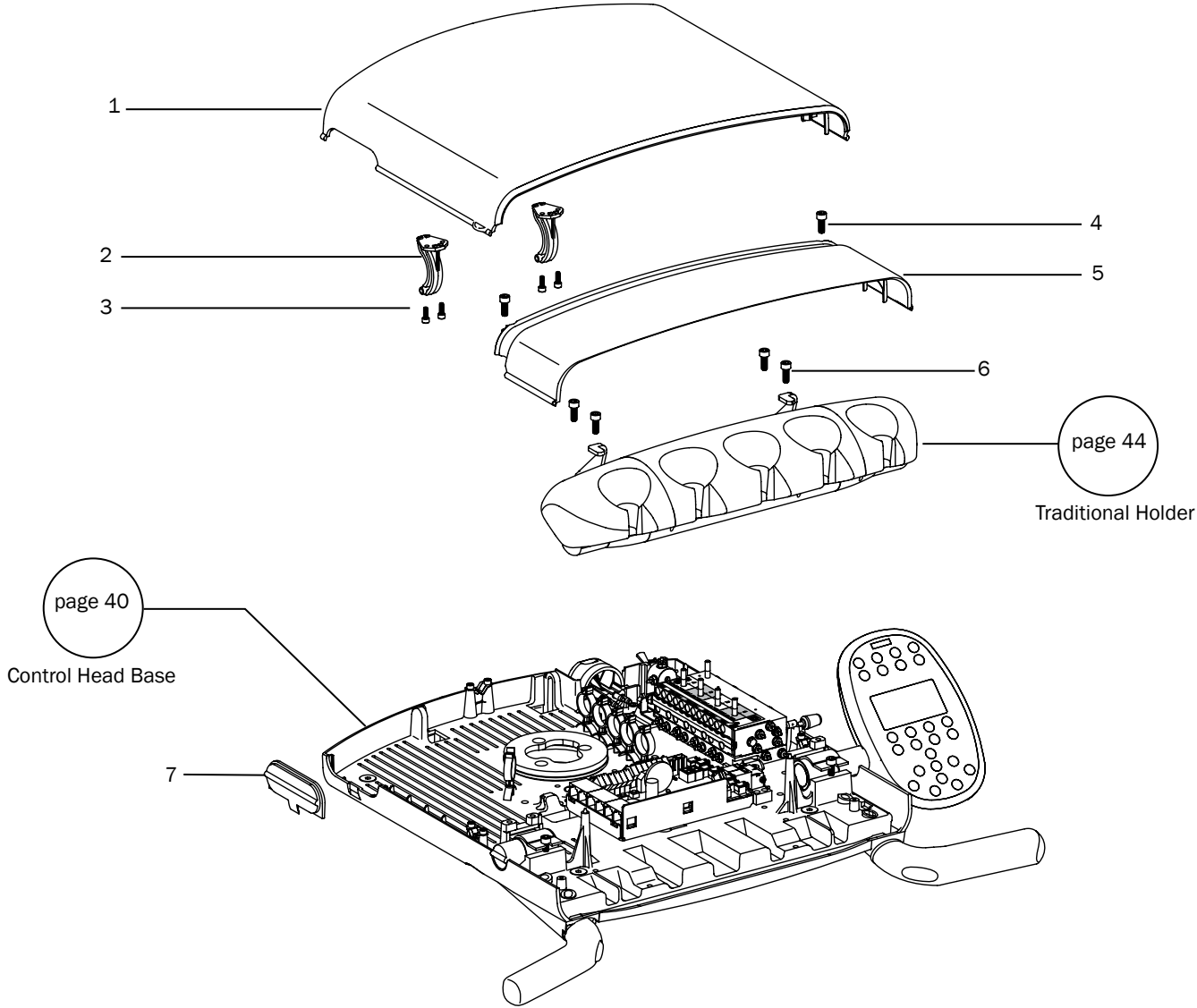
542 Side Mounted Delivery System



Item	Part Number	Description
1	77.0465.00	Adaptor
2	005.008.01	Screw
3	005.012.03	Screw
4	77.0464.01 77.0464.00	Cover, white Cover, surf
5	002.082.03	Screw
6	004.210.00	Flat washer
7	77.0582.01 77.0582.00	Mounting adaptor, white Mounting adaptor, surf

Replacement Kit	Items Included	Description
77.0580.00	3 - 6	Flexarm and 13" rigid arm replacement kit, surf
77.0580.01		Flexarm and 13" rigid arm replacement kit, white
77.0581.00		Flexarm and 22" rigid arm replacement kit, surf
77.0581.01		Flexarm and 22" rigid arm replacement kit, white

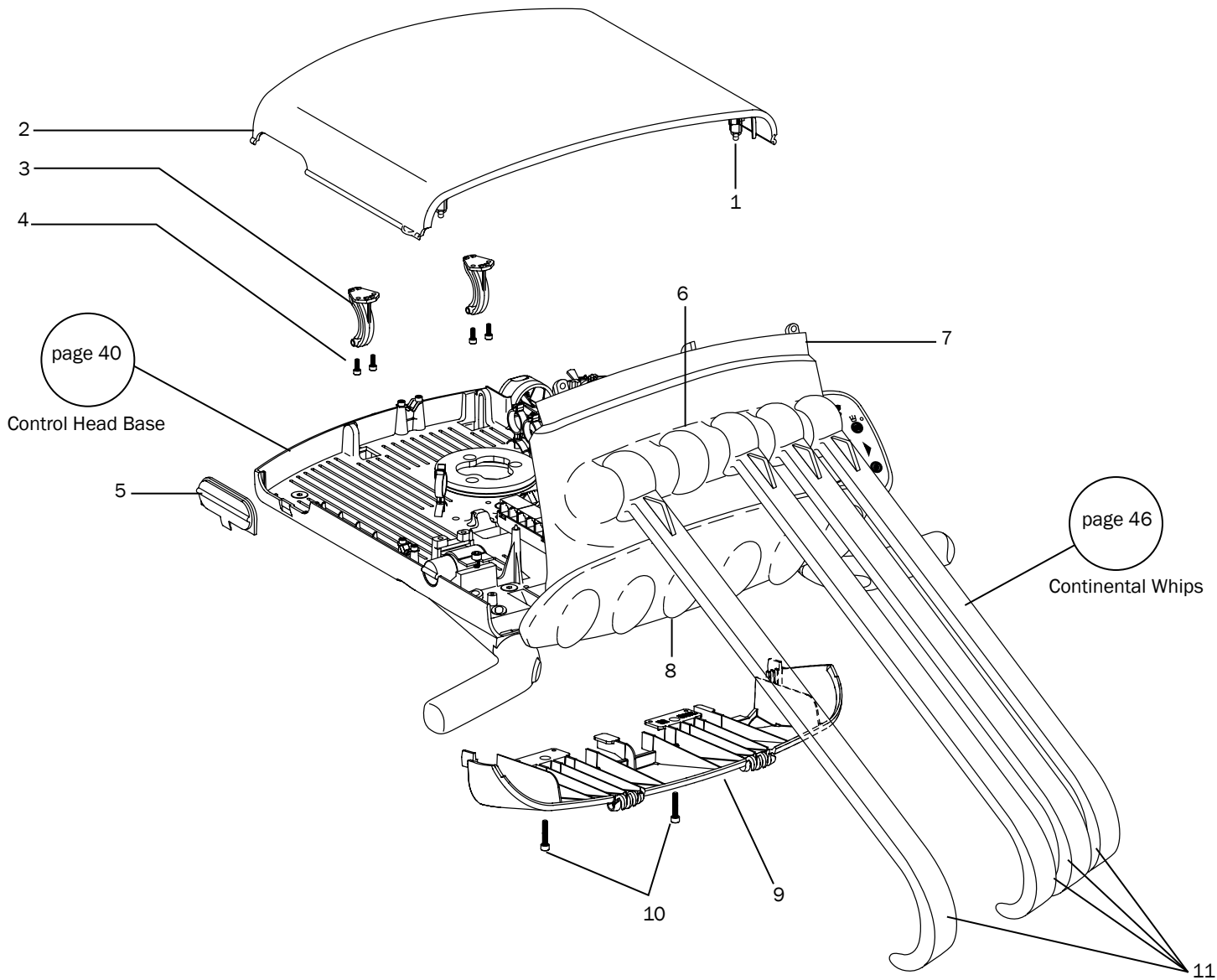
Traditional Control Head (532/542)



Traditional Control Head (532/542)

Item	Part Number	Description
1	77.0056.01	Cover, top, control head
2	77.0240.00	Hinge link
3	001.033.00	Screw, socket head, 6-32 x 3/8", stainless steel
4	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
5	77.0079.01 77.0079.00	Cover, transition, Traditional, white Cover, transition, Traditional, surf
6	005.026.00	Screw, button head socket, 1/4-20 x 3/4"
7	77.0147.01 77.0147.00	Bracket, ancillary, white Bracket, ancillary, surf

Continental Control Head (533)

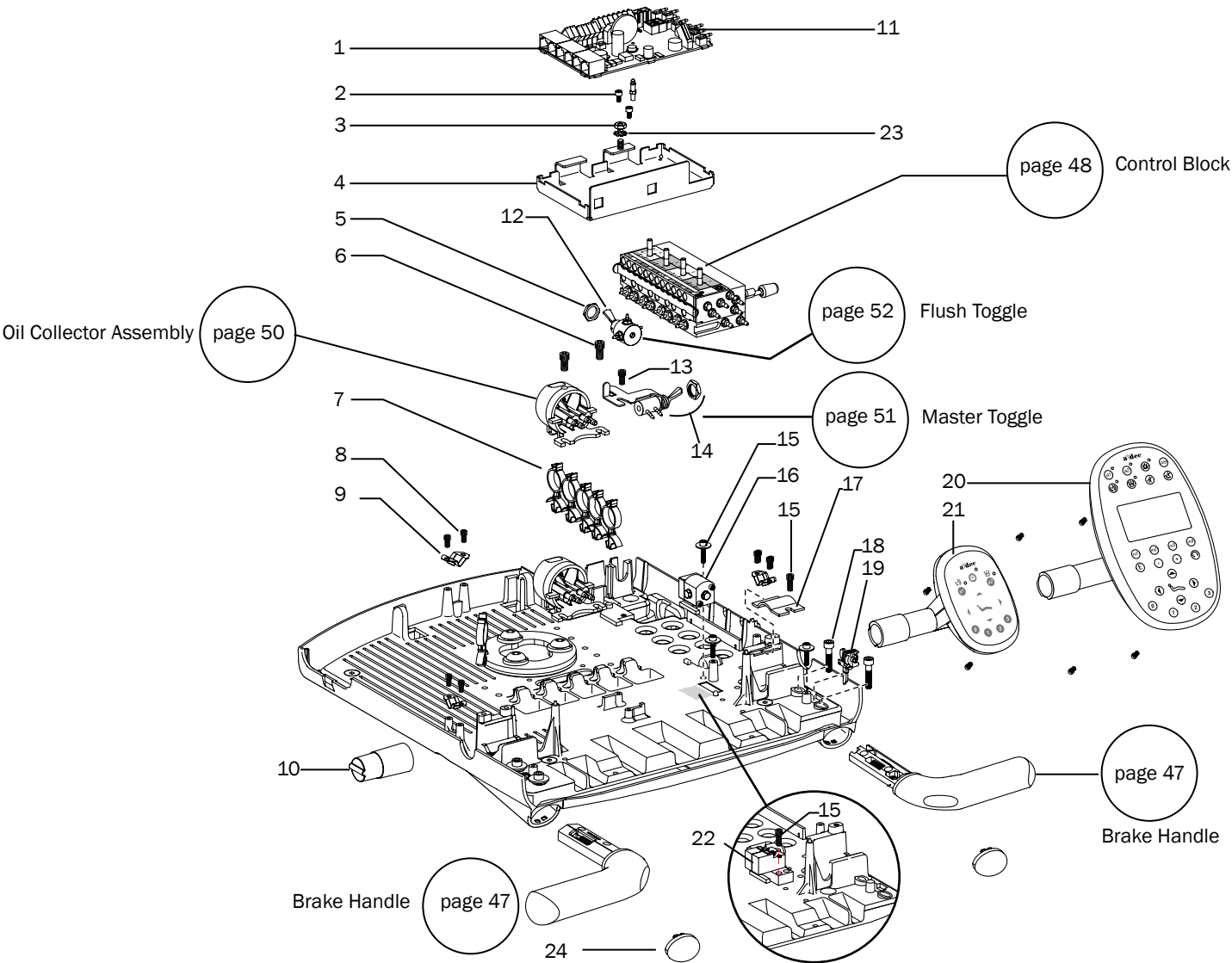


Continental Control Head (533)

Item	Part Number	Description
1	042.222.00	Ball stud
2	77.0056.03 77.0056.01	Cover, top, control head, white Cover, top, control head, surf
3	77.0240.00	Hinge link
4	001.033.00	Screw, socket head, 6-32 x 3/8", stainless steel
5	77.0147.01 77.0147.00	Bracket, ancillary, white Bracket, ancillary, surf
6	77.0069.01 77.0069.00	Cover, blank whip position, white Cover, blank whip position, surf
7	77.0065.01 77.0065.00	Cover, top, Continental (held on with two 002.135.00 screws), white Cover, top, Continental (held on with two 002.135.00 screws), surf
8	77.0070.01 77.0070.00	Pad, instrument, Continental, white Pad, instrument, Continental, surf
9	77.0066.01 77.0066.00	Cover, bottom, hinged, white Cover, bottom, hinged, surf
10	002.011.00	Stainless steel socket head screw, 6-32 X 1"
11	77.0291.02 77.0291.01	Whip assembly, white Whip assembly, surf



Control Head Base (532/533/542)

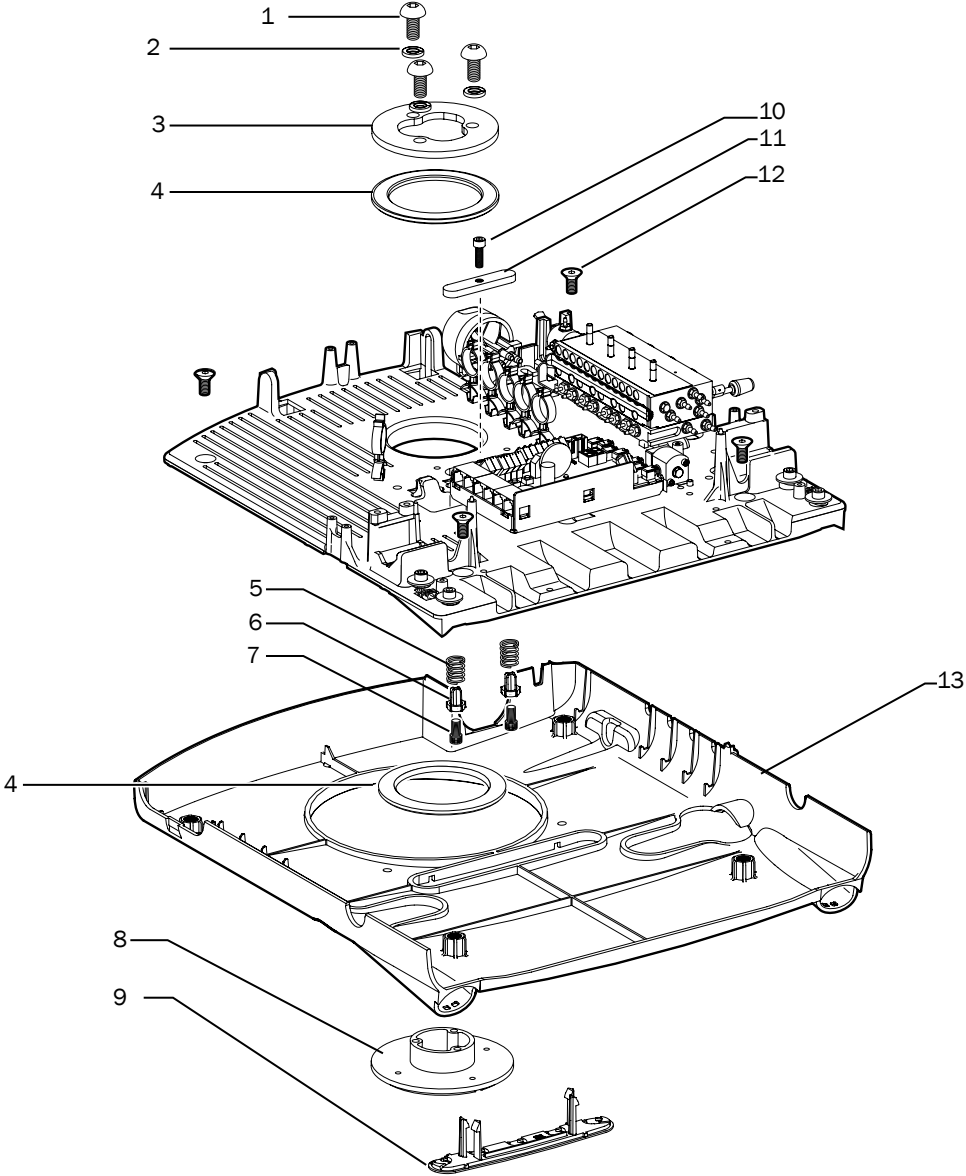


Control Head Base (532/533/542)

Item	Part Number	Description
1	90.1076.00	Circuit board assembly kit
2	001.034.00	Screw, socket head, 6-32 x 1/4"
3	006.002.00	Grounding nut
4	77.0384.00	Tray
5	006.009.00	Hex nut, 15/32-32 x 9/16" x 3/32"
6	002.130.00	Screw, 10-32 x 3/8", socket head
7	025.115.00	Standoff, lock clip, .75 ID x .5 HT
8	001.034.00	Screw, 6-32 x 1/4", socket head
9	042.634.00	Ball spring
10	77.0150.01 77.0150.00	Hole plug, touchpad, white Hole plug, touchpad, surf
11	90.1082.00	Circuit board stand-off, pkg of 5 (available in circuit board kit p/n 90.1076.00)
12	33.0168.01 33.0168.00	Valve assembly, 4-way, white Valve assembly, 4-way, surf
13	002.135.00	Screw, 10-32 x 1/2", socket head, stainless steel
14	33.0048.05	Valve, toggle, 3-way (both toggle and nut are included)
15	005.161.00	Screw, 6-32 x 5/8", socket head, stainless steel - with washer
16	38.1810.00	Relay assembly, water coolant, air actuated (standard touchpad or not touchpad only)
17	77.0152.00	Clamp, touchpad holder
18	002.112.00	Screw, 10-32 x 7/8", socket head
19	99.0667.00	Valve assembly, handle
20	90.1133.01 90.1133.00	Kit, standard to deluxe touchpad, white Kit, standard to deluxe touchpad, surf
21	77.0297.01 77.0297.00	Kit, standard touchpad, white Kit, standard touchpad, surf
22	43.0057.00	Manifold assembly, solenoid, dual (deluxe touchpad only)
23	004.076.00	Ground washer
24	77.0424.01 77.0424.00	Plug, hole, brake handle, white Plug, hole, brake handle, surf



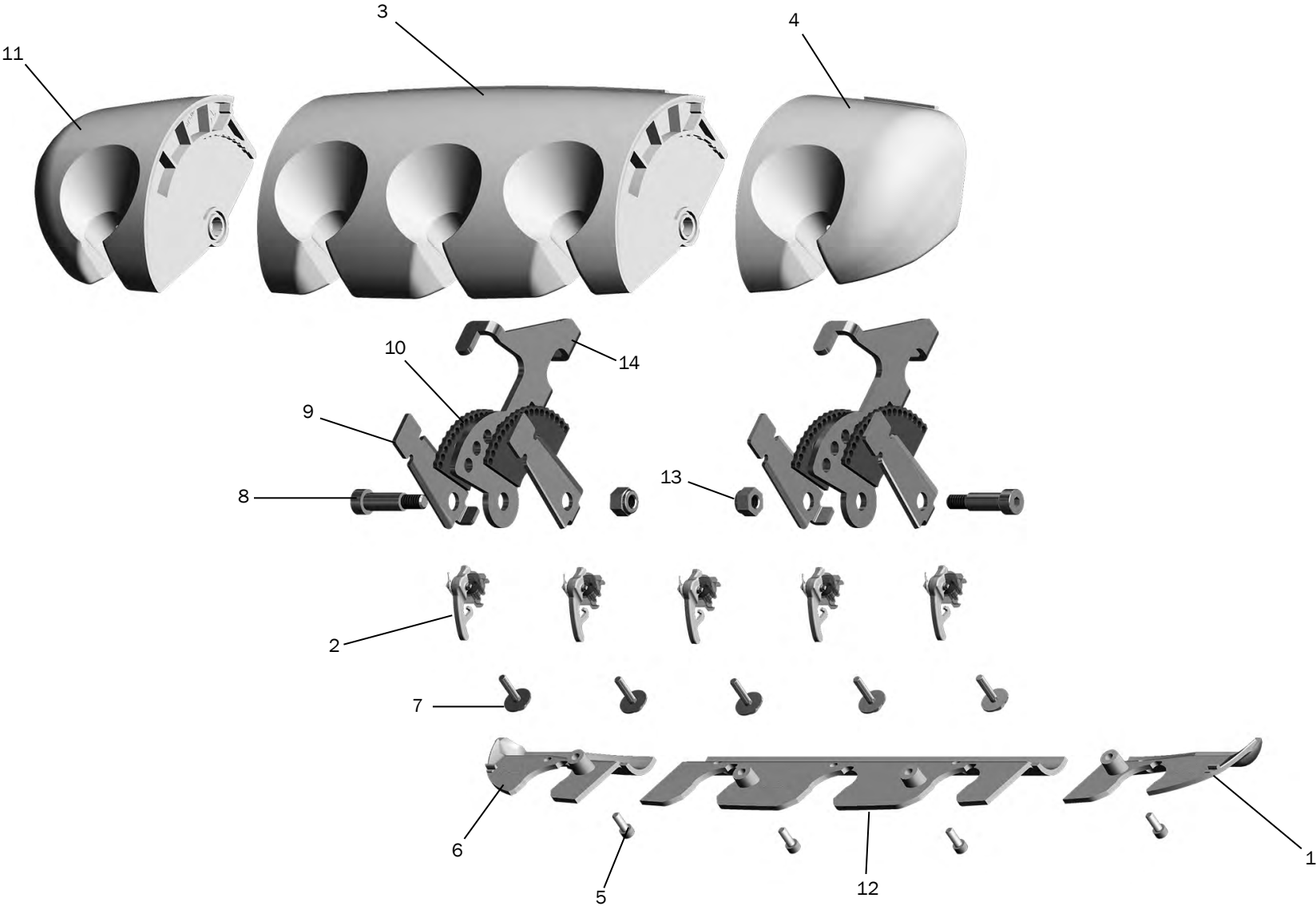
Delivery System Lower Structure (532/533/542)



Delivery System Lower Structure (532/533/542)

Item	Part Number	Description
1	002.117.00	Screw, 6/16-18 x 3/4" button head socket
2	004.009.00	Washer, split lock, steel plated, .312 ID
3	77.0265.00	Plate hub mount
4	016.133.00	Bearing, thrust, 63 mm
5	013.085.00	Spring, compression, .460 OD x .625
6	77.0247.00	Brake pad, control head
7	002.130.00	Screw, socket head, 10-32 x 3/8
8	77.0160.00	Hub, pivot, control head
9	77.0075.01 77.0075.00	Plate, guide, tubing, control head, white Plate, guide, tubing, control head, surf
10	001.088.00	Screw, socket head, 10-32 x 5/8", stainless steel
11	77.0266.00	Bar, friction adjust, control head
12	002.085.00	Screw, flat head socket, 1/4-20 x 1/2"
13	77.0057.03 77.0057.01	Cover, lower, control head, white Cover, lower, control head, surf

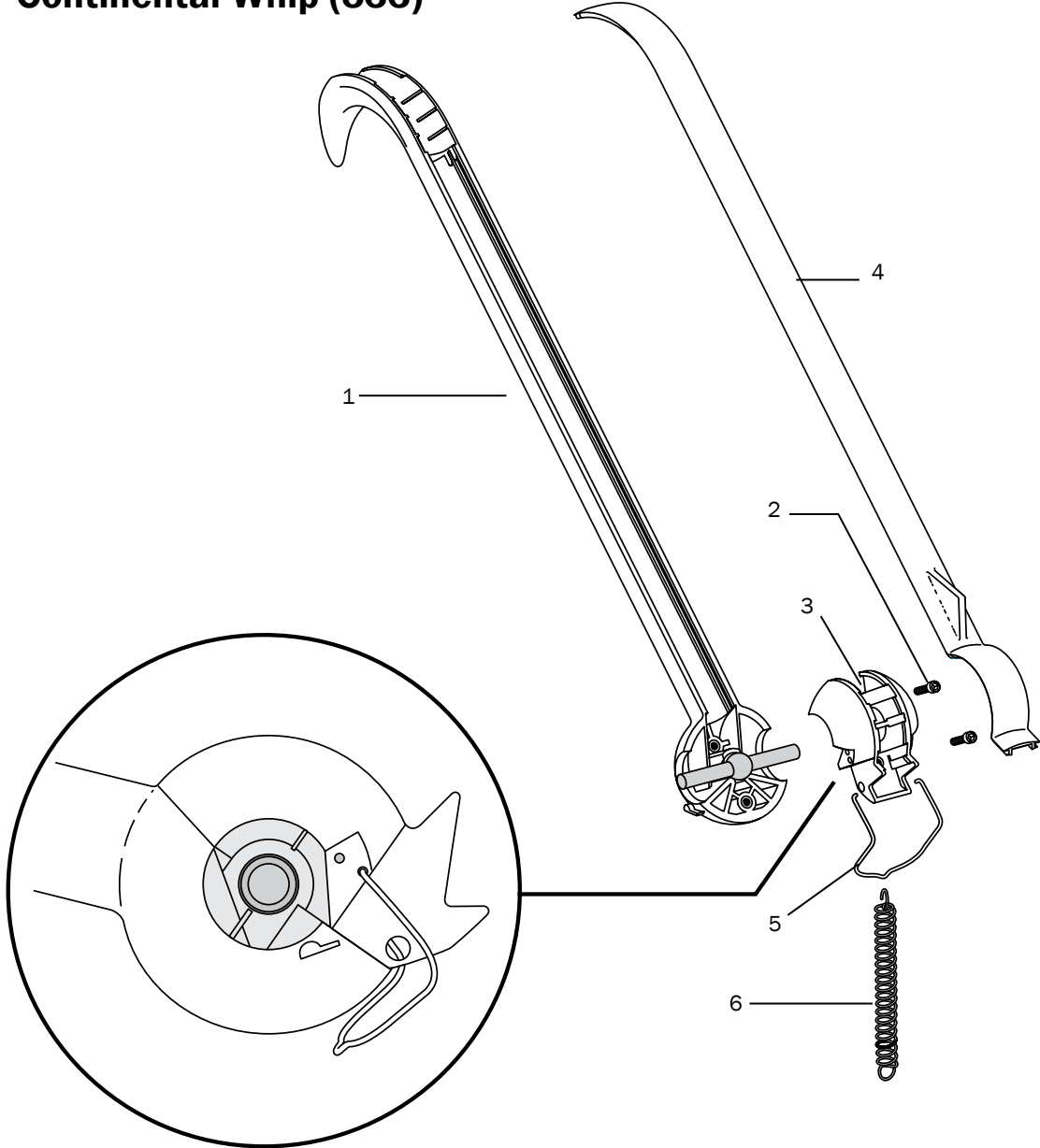
Traditional Holder (532)



Traditional Holder (532)

Item	Part Number	Description
1	77.0077.01	Cover, right, lower nose, Traditional, white
	77.0077.00	Cover, right, lower nose, Traditional, surf
2	99.0654.03	Actuator valve, with tubing, white
	99.0654.02	Actuator valve, with tubing, surf
3	77.0072.01	Cover, nose, Traditional, white
	77.0072.00	Cover, nose, Traditional, surf
4	77.0074.01	Holder, right, Traditional, white
	77.0074.00	Holder, right, Traditional, surf
5	001.033.00	Screw, socket head, 6-32 x 3/8"
6	77.0162.01	Cover, left, lower nose, Traditional, white
	77.0162.00	Cover, left, lower nose, Traditional, surf
7	005.161.00	Screw, socket head, 6-32 x 5/8" with stainless steel washer
8	005.164.00	Screw, socket head, 1/4-20 x 5/16" x 3/4 L
9	77.0237.00	Bracket, spring holder, Traditional
10	77.0078.00	Wheel, indexing, Traditional
11	77.0073.01	Holder, left, Traditional, white
	77.0073.00	Holder, left, Traditional, surf
12	77.0076.01	Lower nose cover
13	006.052.00	Lock nut, 1/4 - 20 x 7/16 x 5/16
14	77.0164.00	Support bracket

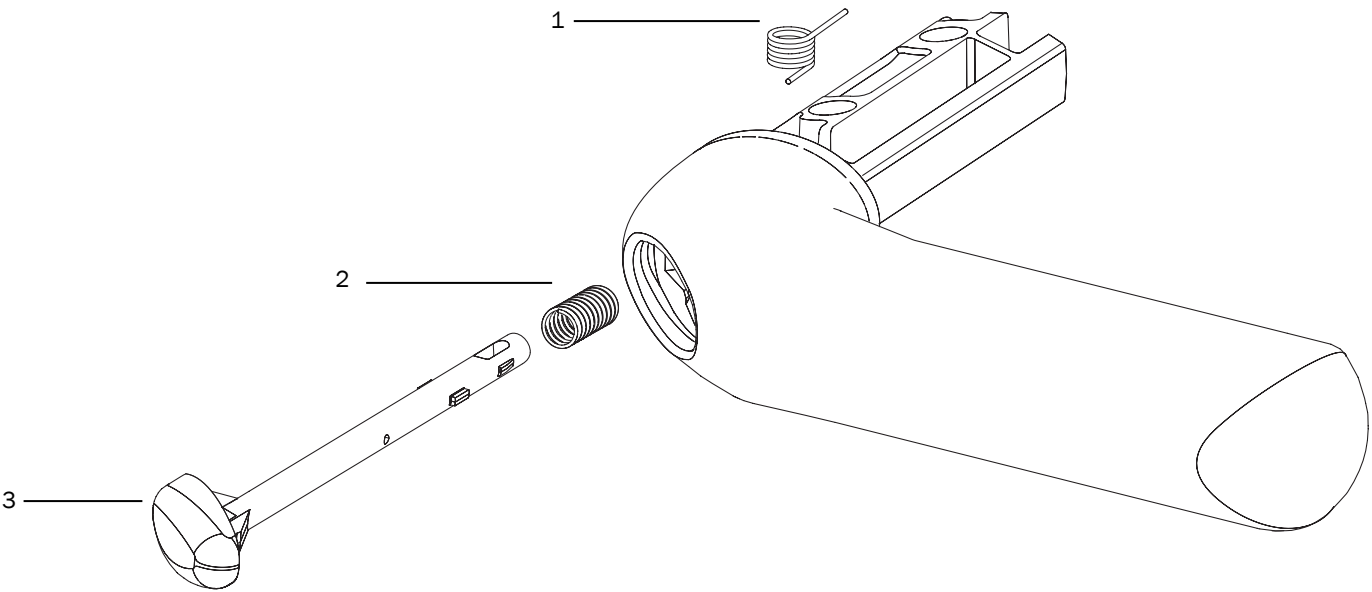
Continental Whip (533)



p/n 77.0291.02 (white)/77.0291.01 (surf)

Item	Part Number	Description
1	77.0187.00	Shaft
2	001.033.00	Screw, socket head, 6-32 x 3/8"
3	77.0064.01 77.0064.00	Pivot ball, white Pivot ball, surf
4	77.0063.01 77.0063.00	Whip cover, white Whip cover, surf
5	77.0155.00	Bail, loop
6	013.123.00	Spring

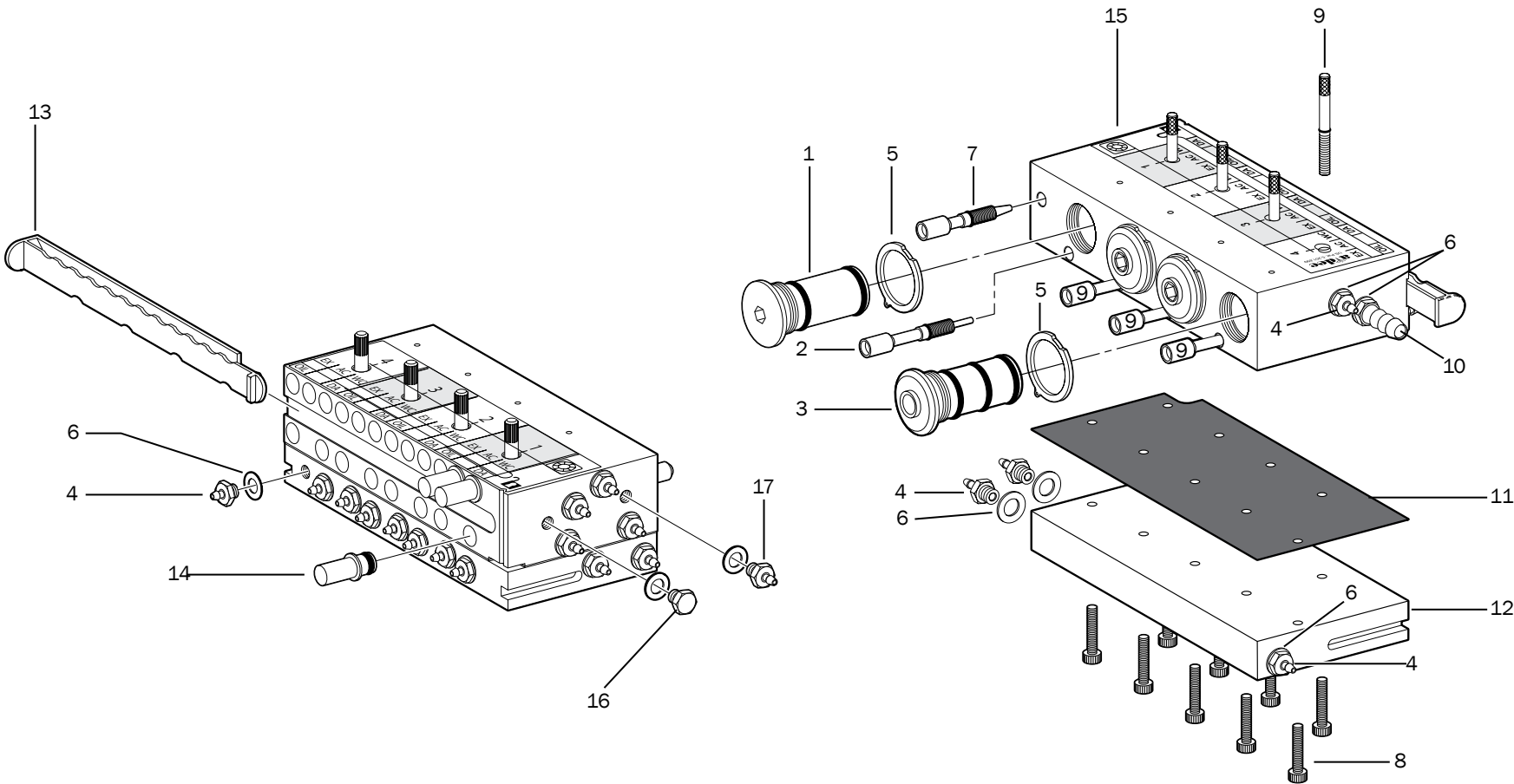
Brake Handle (532/533/542)



p/n 77.0104.03 (white)/77.0104.01 (surf)

Item	Part Number	Description
1	013.121.00	Spring
2	013.120.00	Compression spring
3	77.0163.00	Brake button

Control Block (532/533/542)



Control Block (532/533/542)**p/n 38.1776.00**

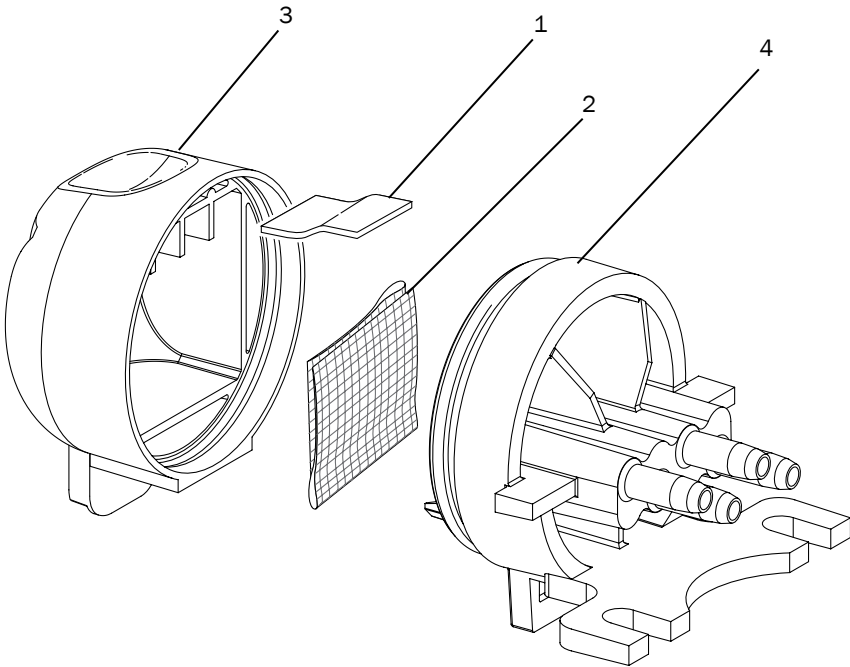
Item	Part Number	Description
1	38.1783.00	Water cartridge assembly, dry
2	38.0516.00	Water flow adjustment stem with O-ring
3	38.1780.00	Water cartridge assembly
4	023.004.03	Barb, 1/8 x 10-32, pkg of 10
5	38.1799.01	Retaining ring, pkg of 5 (part of the water cartridge assemblies - item 1 and 3)
6	004.005.02	Washer, flat nylon, .187 ID, pkg of 10
7	38.0526.00	Air coolant stem with O-ring
8	001.240.00	Screw, socket head, 6-32 x 3/4, stainless steel
9	38.1785.01	Drive air stem with O-ring
10	023.805.01	Barb, 5/16 x 10-32, pkg of 10
11	38.1787.01	Control block diaphragm, pkg of 5
12	38.1778.00	Control block cap
13	38.1800.00	Barb retainer, control block
14	026.160.01	QD plug with O-ring, pkg of 5
15	38.1777.00	Control block
16	021.016.04	Plug, hex head, 10-32, pkg of 10
17	023.811.00	Barb, .018 restrictor, 1/8 x 10-12



Oil Collector (532/533/542)

p/n 90.1110.00

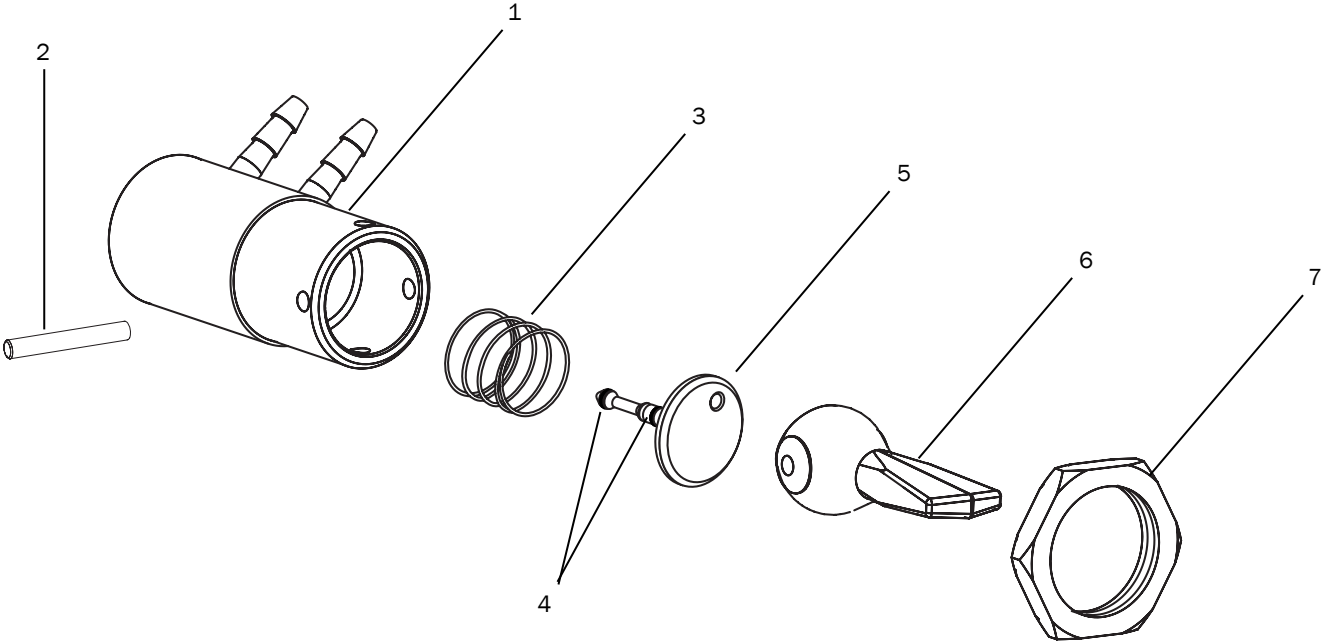
Item	Part Number	Description
1	77.0336.01	Oil collector, top
2	90.1106.00	Muffler, foam, pkg of 5
3	026.143.00	Gauze, 2" x 2"
4	77.0337.01	Oil collector, bottom



Master Toggle (532/533/541/542)

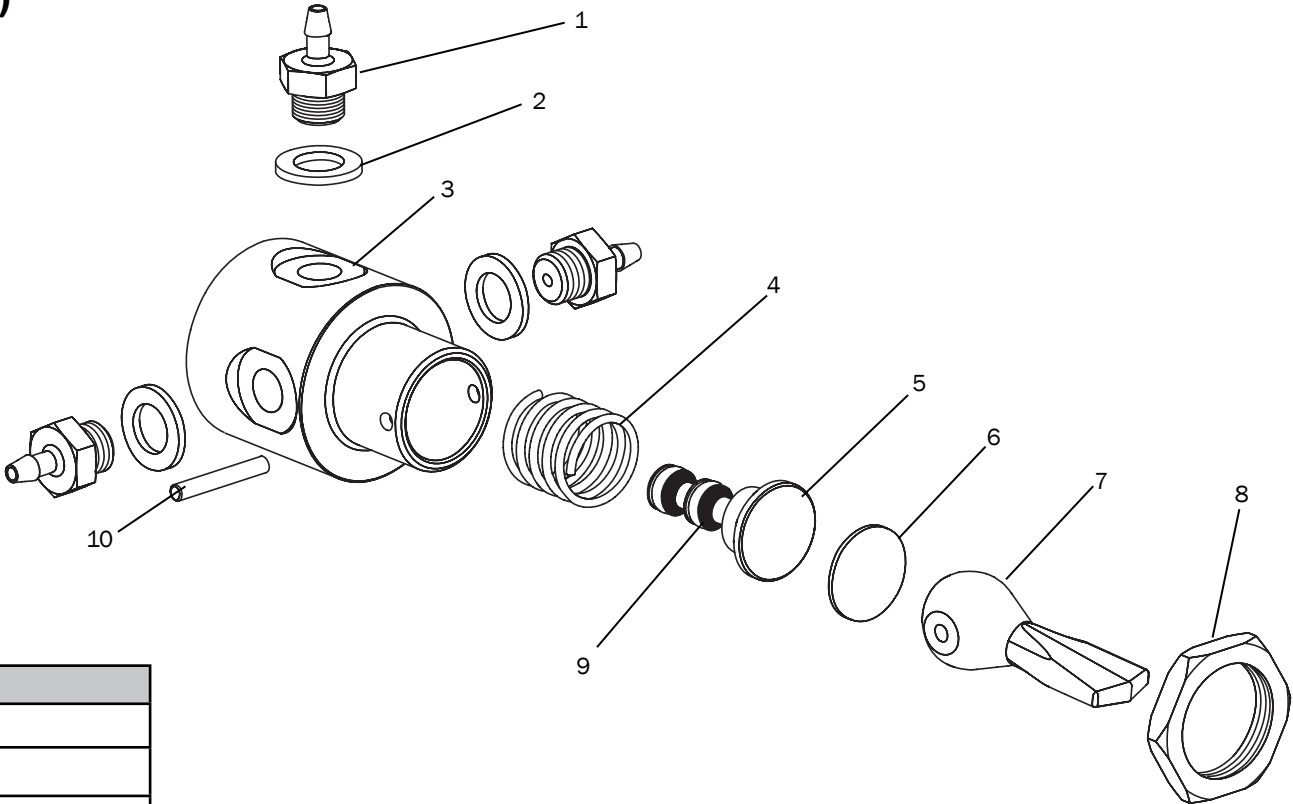
p/n 90.1088.01 (white)/90.1088.00 (surf)

Item	Part Number	Description
1	33.0050.00	Round toggle valve body
2	011.038.01	Straight pin, 0.062 diameter x 0.430 long, pkg of 5
3	22.0040.00	Compression spring, 0.290 OD x 0.400
4	030.001.02	O-ring, pkg of 10
5	29.0840.00	Valve stem with O-rings, 3-way
6	22.0462.03 22.0462.02	Plastic toggle valve lever, gray 3 Plastic toggle valve lever, surf
7	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32"



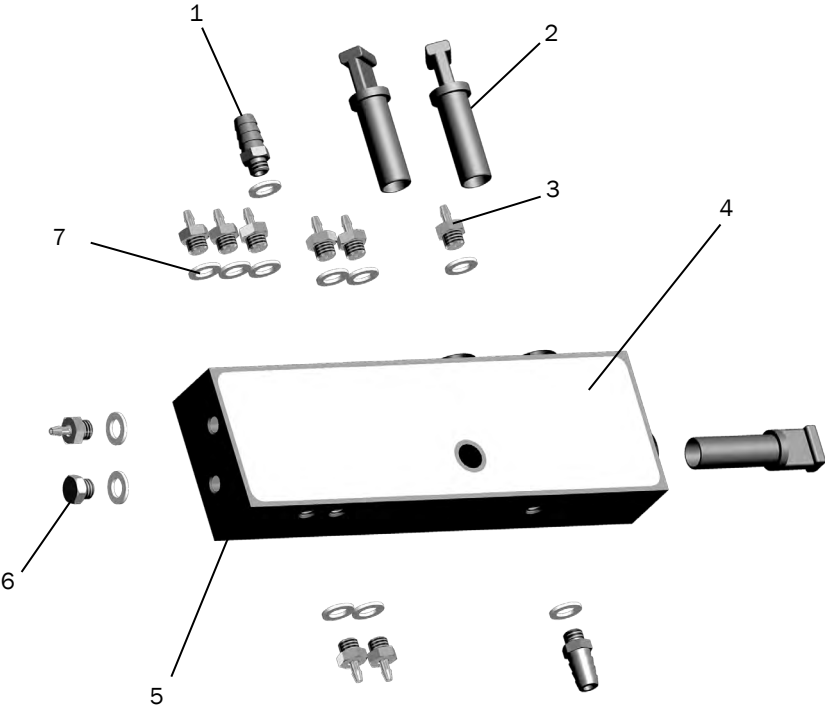
Flush Toggle (532/533/541/542)

p/n 33.0166.01 (white)/33.0166.00 (surf)



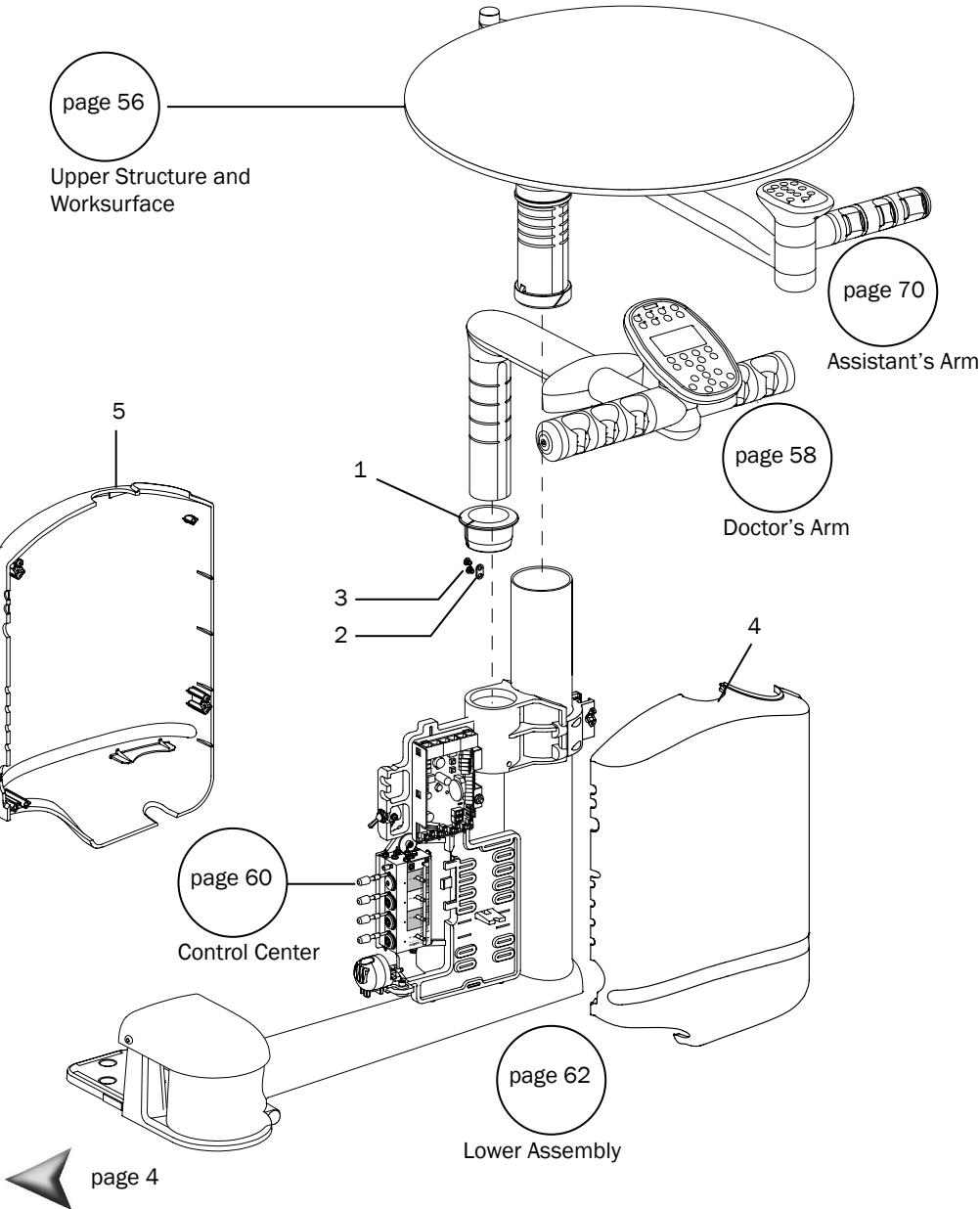
Item	Part Number	Description
1	023.004.00	1/8" Barb
2	004.005.00	Washer
3	33.0169.00	Body
4	013.076.00	Spring
5	33.0170.00	Stem
6	80.5025.00	Spacer
7	33.0036.03 33.0036.02	Toggle, gray Toggle, surf
8	006.009.00	Nut
9	030.003.00	O-ring
10	011.038.00	Pin

Chair Air/Water Manifold Assembly (500)



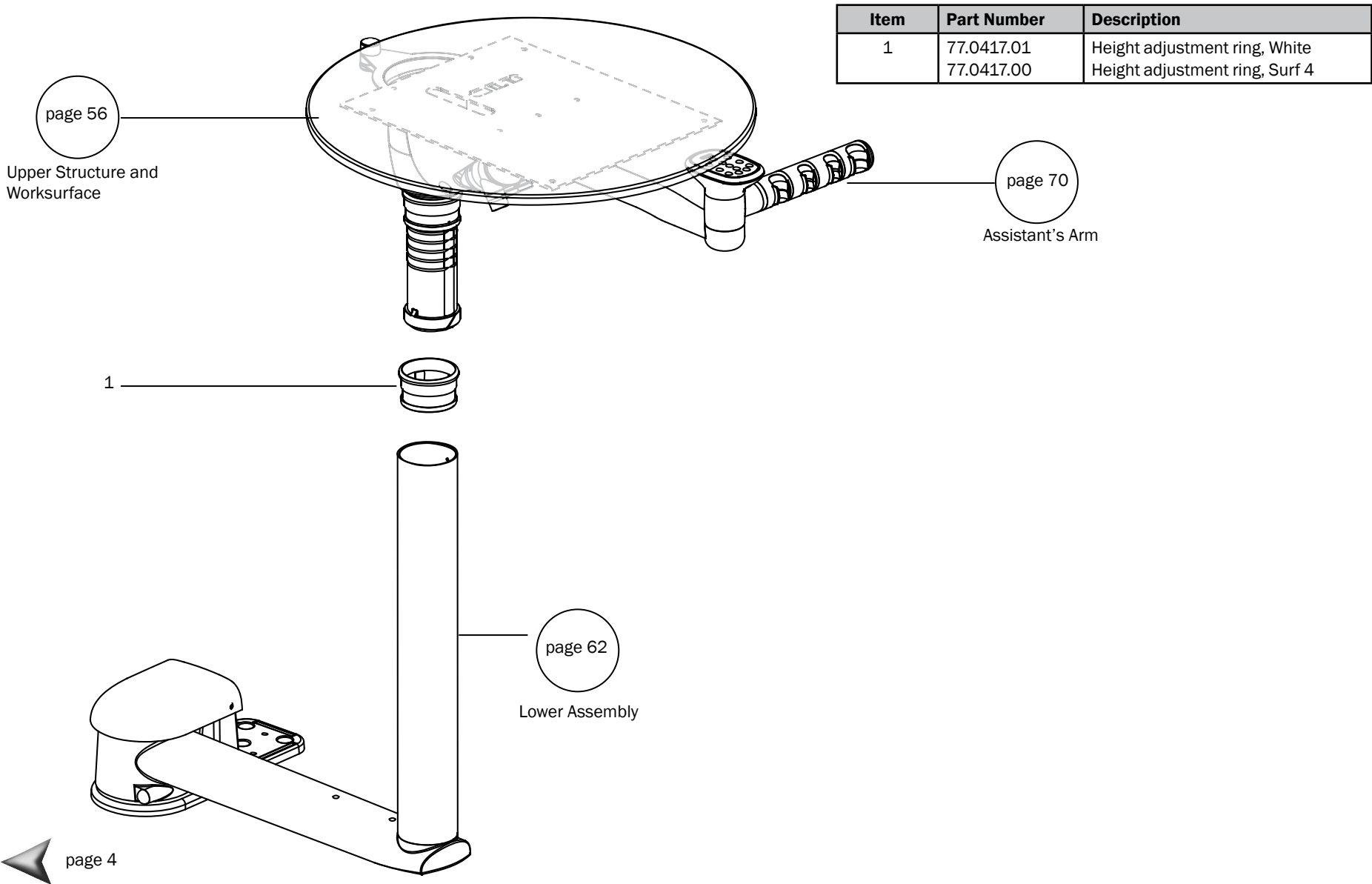
Item	Part Number	Description
1	028.805.01	Barb, 5/16 x 10-32, Pkg of 10
2	028.030.01	Push-in plug, pkg of 5
3	023.004.01	Barb, 1/8x10-32, pkg of 10
4	051.708.00	Label
5	38.1814.00	Manifold
6	021.016.00	Hex head plug, 10-32
7	004.005.02	Washer, pkg of 10

12 O’Clock Duo Delivery System (541)

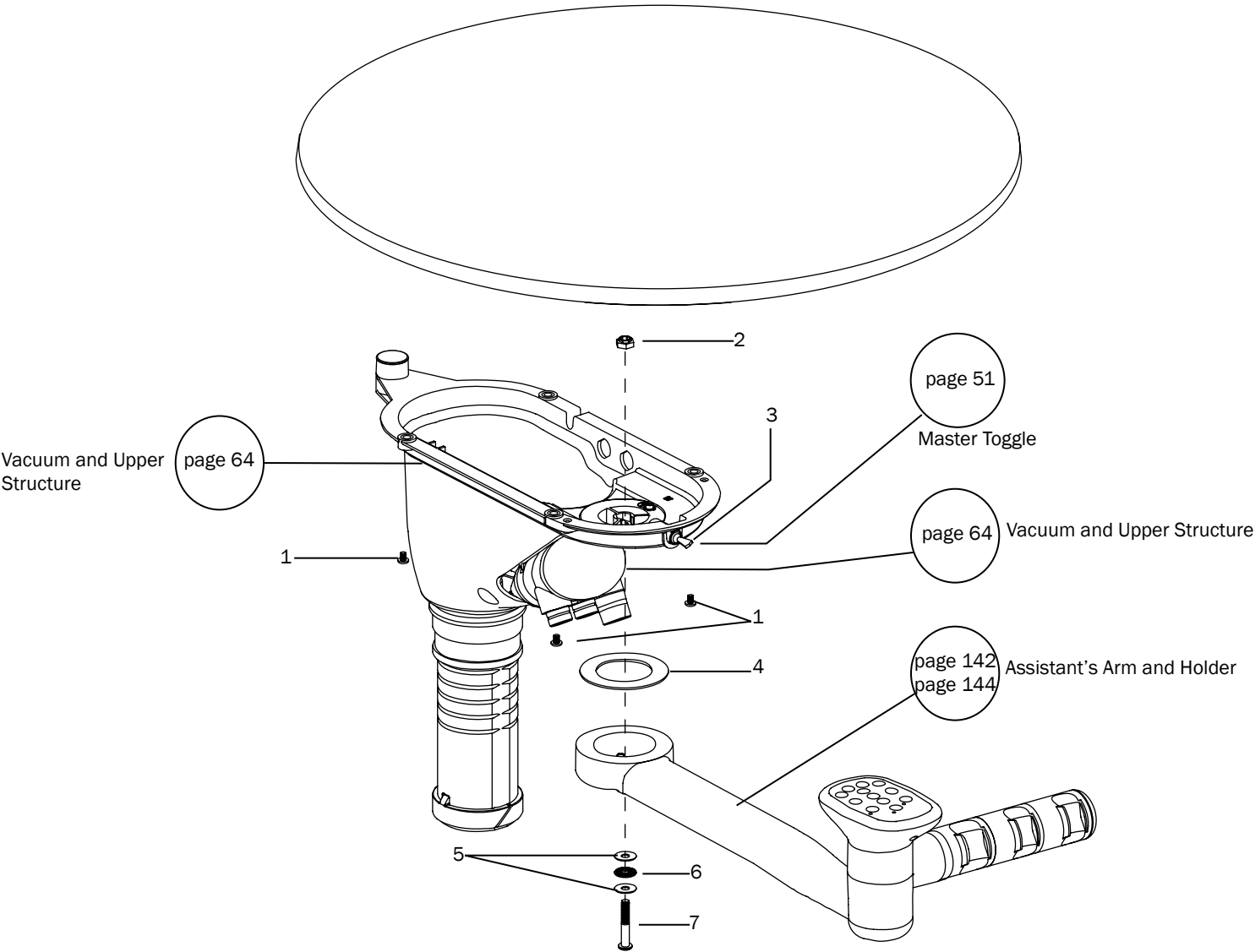


Item	Part Number	Description
1	77.0428.01	Height adjustment ring, white
	77.0428.00	Height adjustment ring, surf
2	77.0478.00	Stop washer
3	002.094.02	Screw, button head socket, 10-32 x 1/4, stainless steel
4	77.0578.01	Left doctor’s cover assembly, white
	77.0578.00	Left doctor’s cover assembly, surf
5	77.0579.01	Right cover assembly, white
	77.0579.00	Right cover assembly, surf

12 O’Clock Assistant’s Delivery System (545)



Upper Structure and Worksurface (541/545)

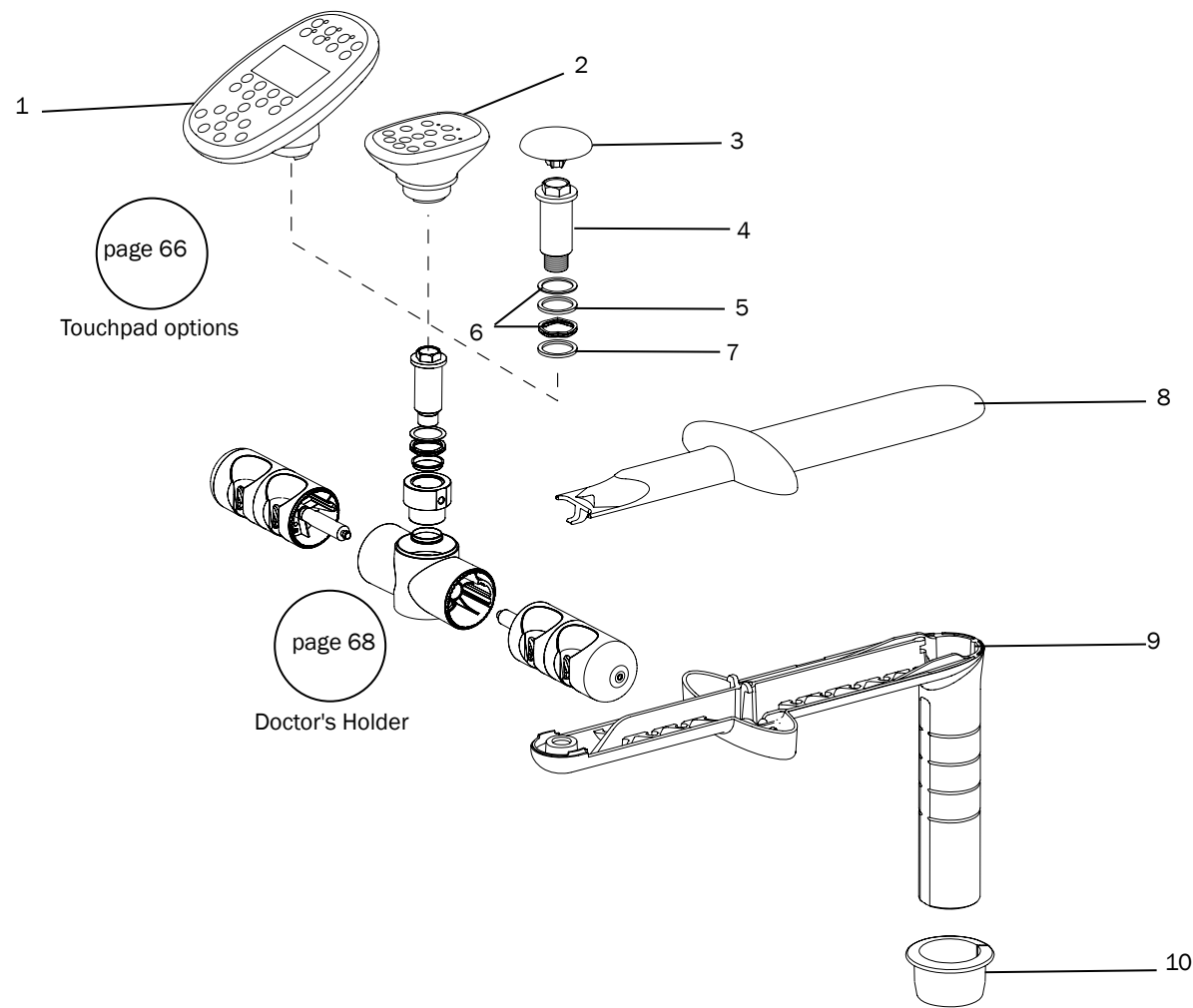


Upper Structure and Worksurface (541/545)

Item	Part Number	Description
1	002.094.02	Screw, button head socket, 10-32 x 1/4, stainless steel
2	006.147.00	Nut, lock, 1/4-20
3	33.0175.01 33.0048.05	Valve, toggle, 3-way, up left, round, master on/off, white Valve, toggle, 3-way, up left, round, master on/off, surf
4	77.0408.00	Bearing, assistant's arm assembly
5	016.053.00	Washer, assistant's arm assembly
6	016.054.00	Thrust needle, bearing, assistant's arm assembly
7	001.112.03	Screw, assistant's arm assembly, 1/4-20 x 1-1/2



Doctor's Holder Arm Assembly (541)

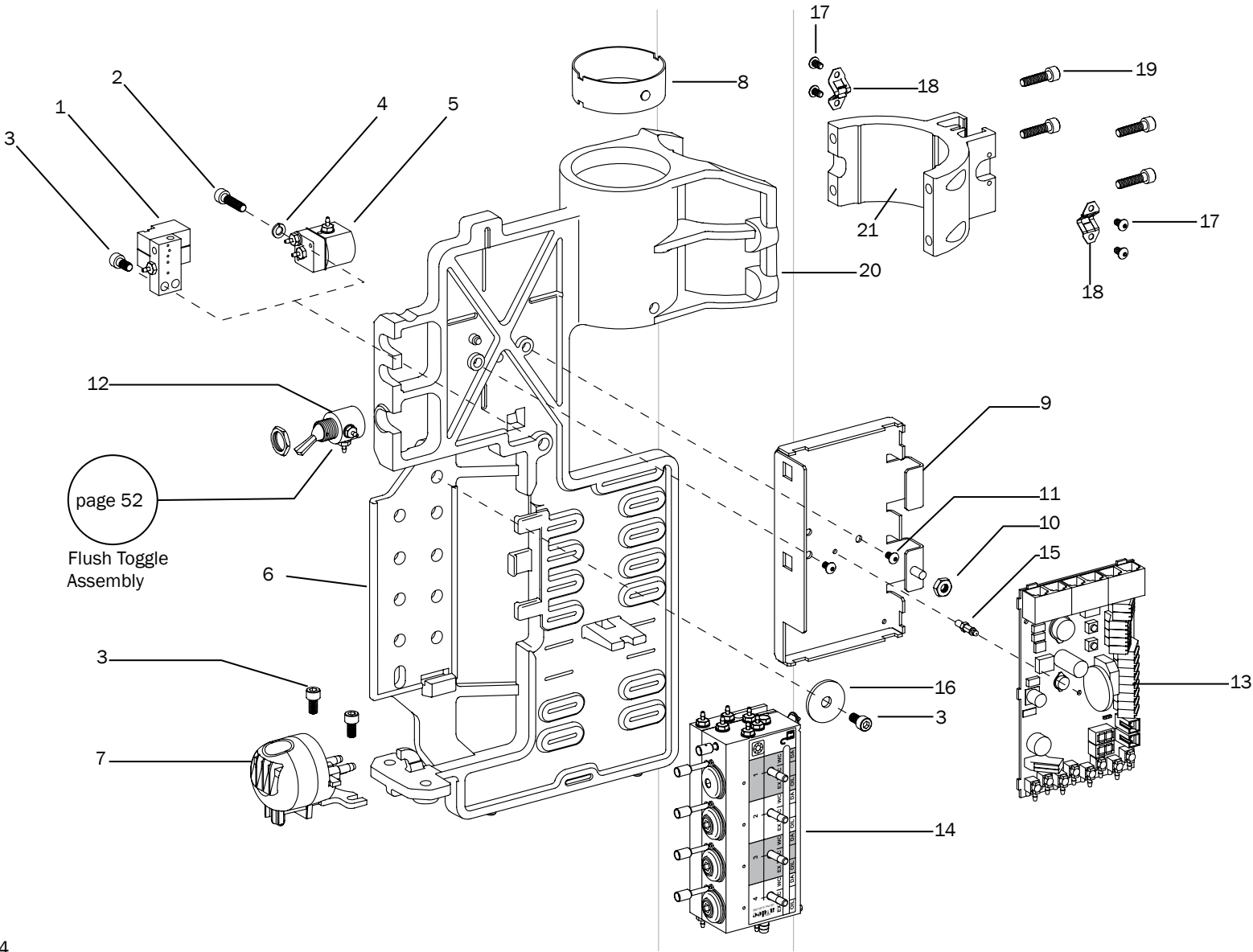


Doctor's Holder Arm Assembly (541)

Item	Part Number	Description
1	90.1134.01	12 O'clock deluxe touchpad module, white
	90.1134.00	12 O'clock deluxe touchpad module, surf
2	90.1127.01	12 O'clock 541 Standard touchpad module, white
	90.1127.00	12 O'clock 541 Standard touchpad module, surf
3	77.0413.01	Cap, touchpad replacement, assistant's side, white
	77.0413.00	Cap, touchpad replacement, assistant's side, surf
4	99.0700.00	Bolt, holder turret, 1 piece
5	004.060.00	Washer, .875 x 1.125 x .020 thick
6	77.0124.00	Spacer
7	004.237.00	Washer, wave, spring, 1.125 OD
8	77.0452.01	Cover, arm, 12 O'clock, white
	77.0452.00	Cover, arm, 12 O'clock, surf
9	77.0402.02	Arm, doctor's holder, 12 O'clock, white
	77.0402.01	Arm, doctor's holder, 12 O'clock, surf
10	77.0428.01	Height adjustment ring, doctor's unit, white
	77.0428.00	Height adjustment ring, doctor's unit, surf



Control Center (541)

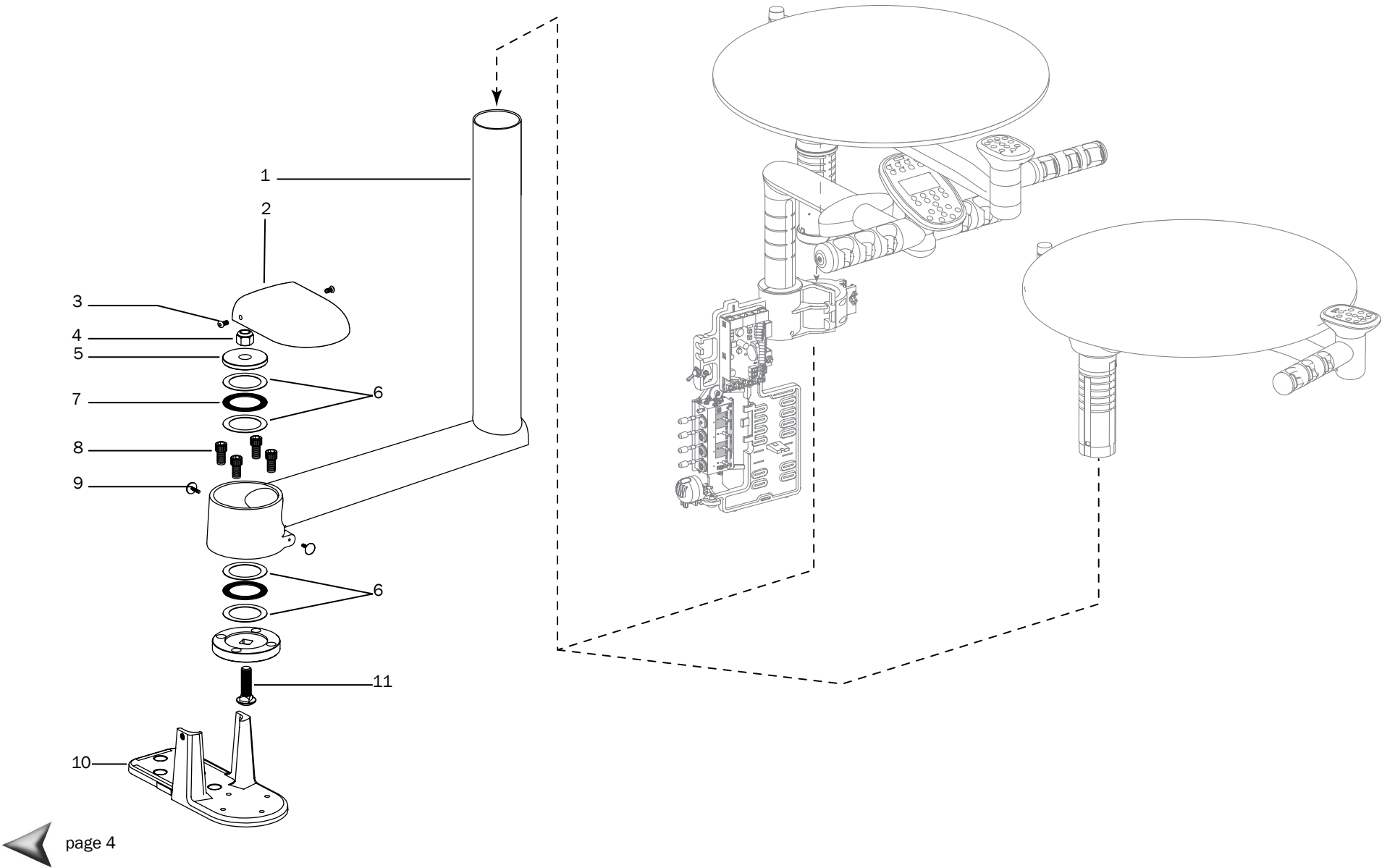


Control Center

Item	Part Number	Description
1	43.0057.00	Manifold assembly, solenoid, dual (Deluxe touchpad only)
2	002.130.00	Screw, socket head, 10-32 x 3/4
3	002.073.00	Screw, socket head, 10-32 x 3/8
4	004.113.00	Washer, split lock, steel PL #10
5	38.1810.00	Relay assembly
6	77.0493.00	Frame, unit, 12 O'clock
7	90.1110.01 90.1110.00	Oil collector assembly, white Oil collector assembly, surf
8	77.0493.00	Lower bushing, doctor's unit
9	77.0384.00	Tray, printed circuit board mount, control head
10	006.002.00	Grounding nut
11	001.034.00	Screw, allen head socket, patch, 6-32, stainless steel
12	33.0168.01 33.0168.00	Valve assembly, 4-way, white Valve assembly, 4-way, surf
13	43.0254.00	Circuit board
14	38.1776.00	Control block assembly
15	90.1082.00	Standoff, printed circuit board, plastic, 3/8 H, 6-32 O, pkg of 5
16	004.156.00	Washer, flat 1.00 OD x.261 ID
17	002.140.00	Button head socket screw, 6-32 x 1/4
18	042.221.00	Ball stud
19	002.073.00	Socket head screw, 10-32 x 3/4
20	77.0493.00	Frame
21	77.0431.00	Clamp

Replacement Kit	Items Included	Description
90.1076.00	13	Control head IOLS kit

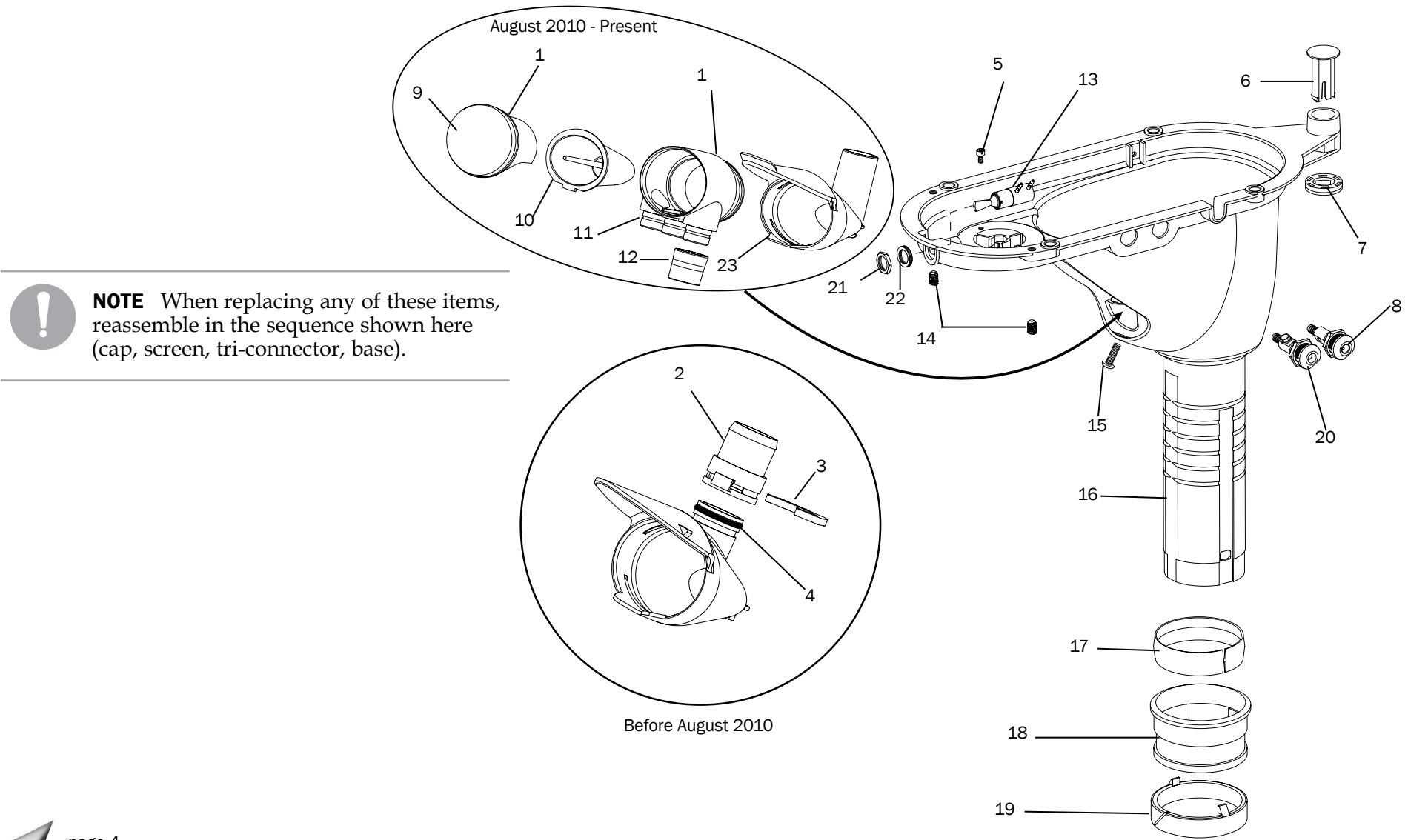
12 O’Clock Lower Assembly (541/545)



12 O'Clock Lower Assembly (541/545)

Item	Part Number	Description
1	77.0506.01	541 and 545 post mount, white
	77.0506.00	541 and 545 post mount, surf
2	77.0455.01	Hub cover, white
	77.0455.00	Hub cover, surf
3	005.002.00	Button head socket screw, 1/4-20 x 5/8
4	006.157.00	Nut, 5/8 " nylon insert
5	77.0407.00	Bearing cap
6	016.108.00	Thrust bearing
7	016.044.00	Thrust needle bearing
8	001.225.00	Socket head screw, 3/8-16 x 3/4, grade 8
9	018.035.03	Hole plug, white
	018.035.02	Hole plug, surf
10	56.0956.03	Floor mount
11	77.0405.00	Gimble plate
12	005.030.00	Carriage bolt

Vacuum and Upper Structure (541/545)

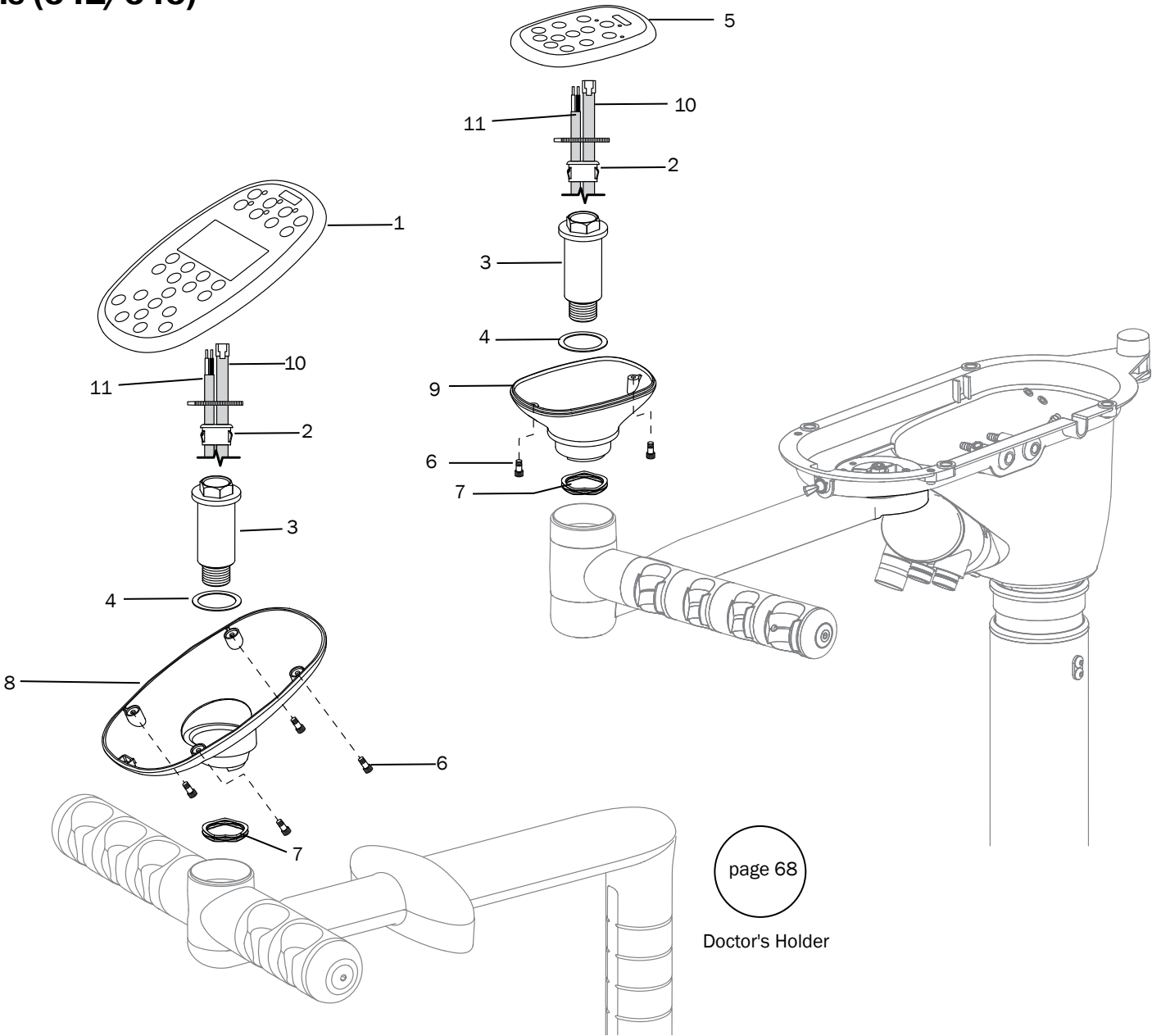


Vacuum and Upper Structure (541/545)

Item	Part Number	Description
1	030.035.02	O-ring, 2.239 ID x .070 W, pkg of 10
2	022.094.01	Connector, vacuum, female, 25 mm tubing, with clip
3	022.090.00	Retainer clip, connector vacuum
4	035.053.01	O-ring, silicone, vacuum, 20 mm x 2 mm, pkg of 10
5	002.094.02	Screw, button head, 6-32 x 1/4
6	77.0542.01 77.0542.00	Plug, assistant's support, white Plug, assistant's support, surf
7	77.0541.01 77.0541.00	Bumper, assistant's support, white Bumper, assistant's support, surf
8	026.181.00	QD assembly, self-contained water 5/16, female (optional)
9	77.0254.03 77.0254.01	Cap, vacuum tower, with deflector and O-ring, white Cap, vacuum tower, with deflector and O-ring, surf
10	11.1284.01	Screen, ellipse, solids trap, pkg of 10
11	77.0453.01 77.0453.00	Connector, tri-vacuum tower, assistant's arm with O-ring, white Connector, tri-vacuum tower, assistant's arm with O-ring, surf
12	11.1280.02 11.1280.01	Cap, 15 mm QD, gray Cap, 15 mm QD, surf
13	33.0048.05	Valve, toggle, 3-way, up left, round, master On/Off
14	007.042.00	Setscrew, socket cup point, 1/4-20 x 3/8
15	005.123.01	Screw, button head socket, 10-32 x 5/8
16	77.0419.02 77.0419.01	Assistant's worksurface support, white Assistant's worksurface support, surf
17	77.0415.01 77.0415.00	Height adjustment ring, white Height adjustment ring, surf
18	77.0417.01 77.0417.00	Bushing height adjust-upper, white Bushing height adjust-upper, surf
19	77.0416.00	Bushing height adjust-lower
20	026.182.00	QD assembly, female, air, 5/16 (optional)
21	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32"
22	006.069.00	Knurl nut, 15/32-32"
23	77.1104.01 77.1104.00	Vacuum canister base, white Vacuum canister base, surf



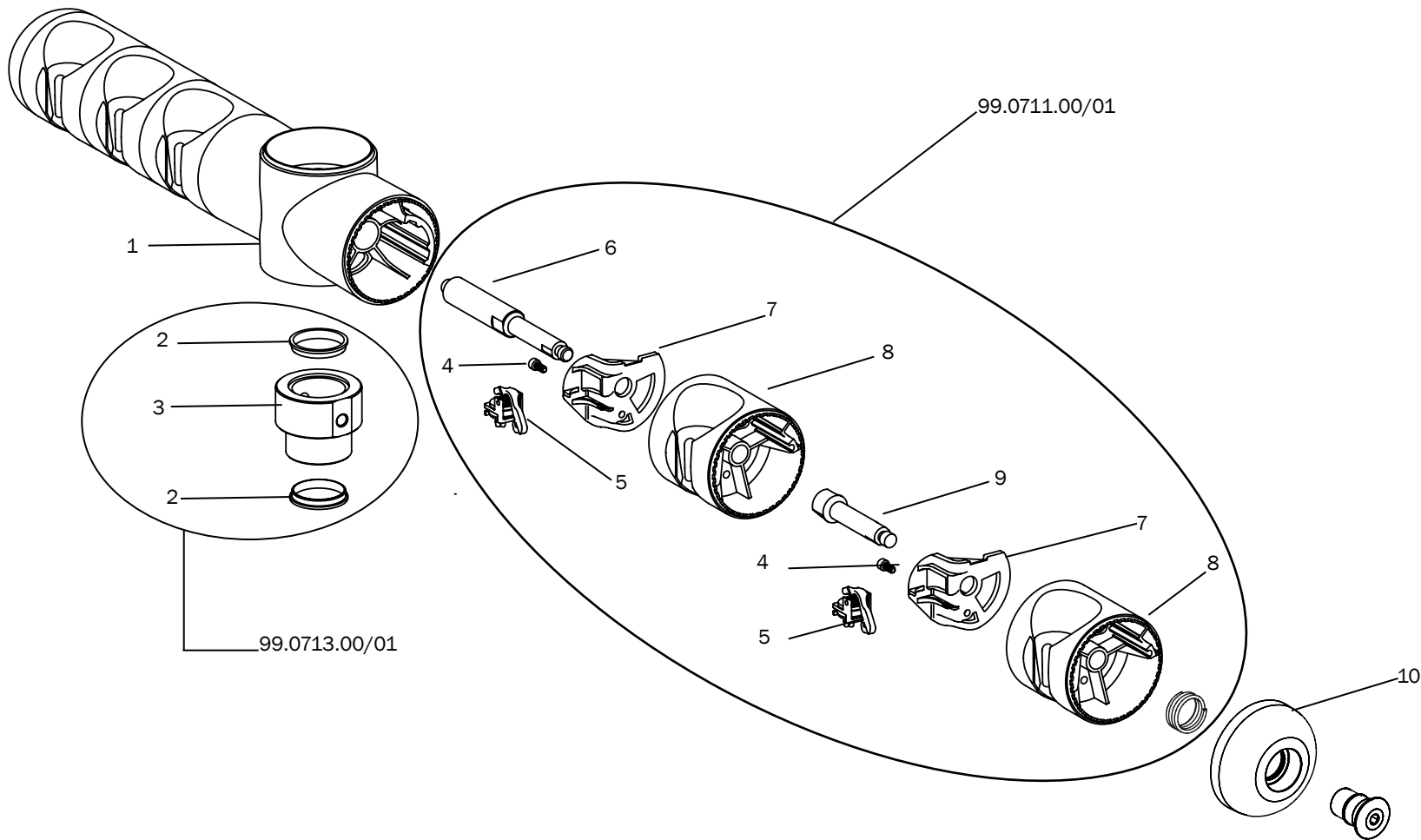
Touchpad Options (541/545)



Touchpad Options (541/545)

Item	Part Number	Description
1	90.1135.01	541 deluxe touchpad cover and circuit board, white
	90.1135.00	541 deluxe touchpad cover and circuit board, surf
2	041.663.00	Cable bushing, 7/16 ID
3	99.0700.00	Bolt, holder turret, 1 piece
4	004.060.00	Washer, .875 x 1.125 x .020 thick
5	90.1078.01	541/545 standard touchpad cover and circuit board, white
	90.1078.00	541/545 standard touchpad cover and circuit board, surf
6	003.078.00	Screw, socket head, 4-40 x 1/4
7	004.237.00	Washer, wave, spring, 1.125 OD
8	77.0421.01	Base, touchpad, deluxe, 12 O'clock, white
	77.0421.00	Base, touchpad, deluxe, 12 O'clock, surf
9	77.0335.01	Base, touchpad, standard, white
	77.0335.00	Base, touchpad, standard, surf
10	041.637.06	Data cable
11	43.0090.01	Power cable, 42"

Doctor's Holder (541)



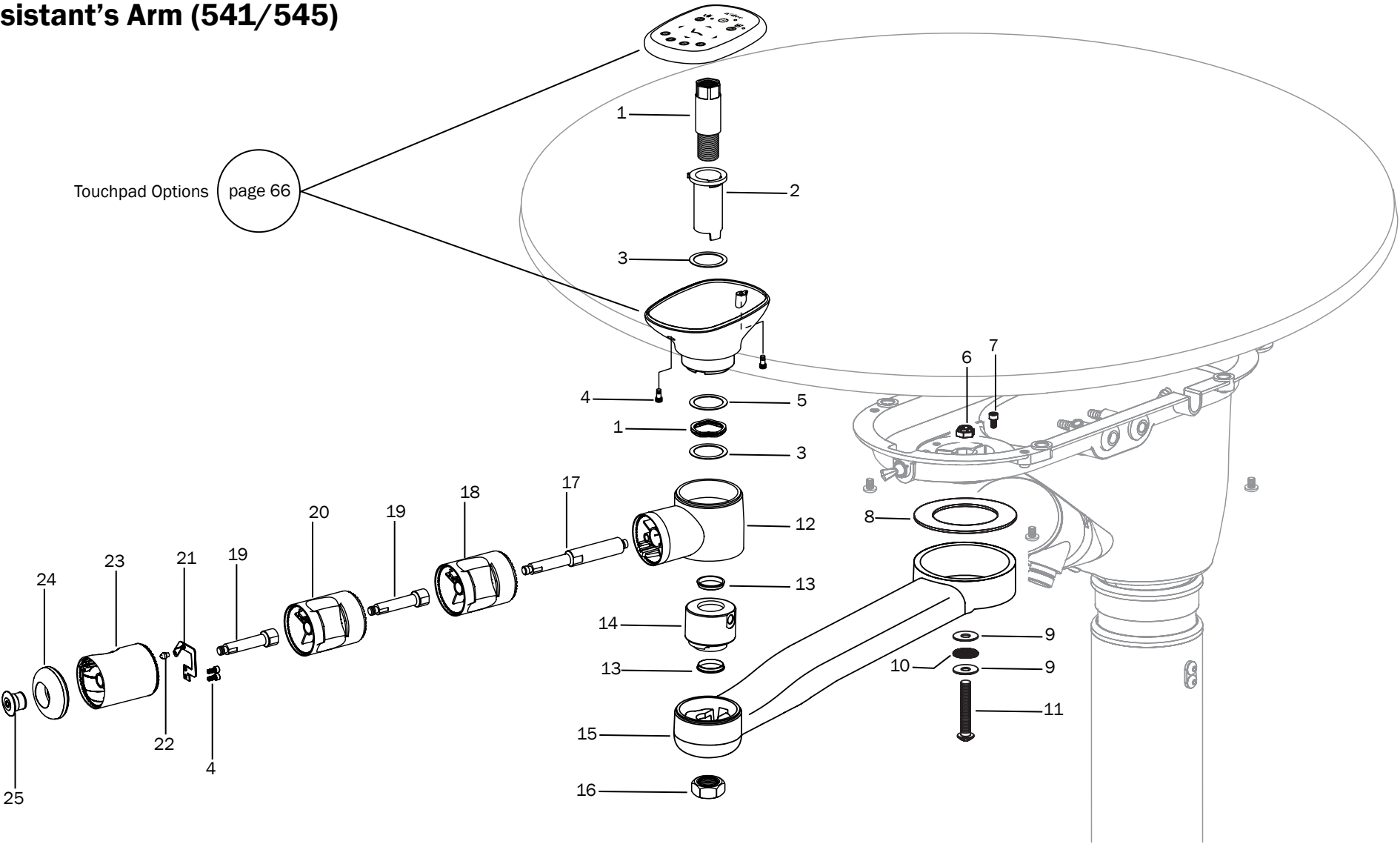
Doctor's Holder (541)

Item	Part Number	Description
1	99.0690.01	Turret, 2" holder assembly, white
	99.0690.00	Turret, 2" holder assembly, surf
2	99.0698.00	Bearing, inner hub, assistant's arm
3	99.0693.00	Hub, inner turret, 2" holder assembly — (replace with 99.0713.00)
4	003.078.00	Screw, socket head, 4-40 x 1/4, zinc
5	99.1135.01	Actuator valve assembly, 12 O'clock holder, white
	99.0696.01	Actuator valve assembly, 12 O'clock holder, surf
6	99.0701.00	Turret axle, assistant's arm
7	99.0694.00	Clip, microvalve, 2" holder — (replace with 99.0711.00)
8	99.0691.00	Holder, SE/syringe, 2" diameter — (replace with 99.0711.00)
9	99.0660.00	Axle, holder assembly, assistant's arm — (replace with 99.0711.00)
10	99.0710.01	End cap, 12 O'clock operator, white
	99.0710.00	End cap, 12 O'clock operator, surf

Replacement Kit	Items Included	Description
99.0711.01 99.0711.00	4 - 9	Holder assembly, with valve, 12 O'clock operator, white
		Holder assembly, with valve, 12 O'clock operator, surf
99.0713.01 99.0713.00	2 - 3	Turret assembly, 12 O'clock operator, white
		Turret assembly, 12 O'clock operator, surf



Assistant's Arm (541/545)



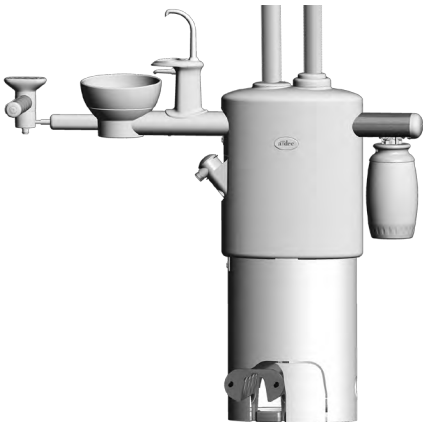
Assistant's Arm (541/545)

Item	Part Number	Description
1	77.0123.00	Pass through bolt
2	99.0651.00	Spline
3	004.173.00	Washer
4	003.078.00	Socket head screw, 4-40 X 1/4"
5	004.060.00	Washer
6	006.147.00	Lock nut
7	001.034.00	Socket head screw, 6-32 X 1/4"
8	77.0408.00	Bearing
9	016.053.00	Thrust washer
10	016.054.00	Thrust needle bearing
11	001.112.03	Button head socket screw, 1/4-20 X 1-1/2"
12	99.0649.00 99.0649.01	Turret, surf4 Turret, white2
13	99.0698.00	Bearing
14	99.0699.00	Inner hub
15	77.0412.00	Arm
16	006.121.00	Hex jam nut
17	99.0701.00	Turret axle
18	99.0650.01 99.0650.03	11 mm HVE holder kit, surf4 11 mm HVE holder kit, white2
19	99.0660.00	Axle
20	99.0653.01 99.0653.03	SE/Syringe holder kit, surf4 SE/Syringe holder kit, white2
21	43.0079.00 43.0079.01	Wire assembly Wire assembly, 10'
22	99.0662.00	Button
23	99.0652.01 99.0652.03	15 mm HVE holder kit, surf4 15 mm HVE holder kit, white2
24	99.0648.00 99.0648.01	Cap, surf4 Cap, white2
25	99.0659.00	End cap nut

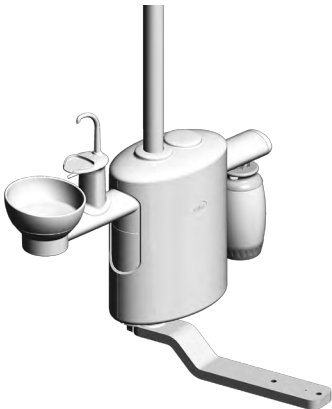


Cuspidor and Support Centers

361 Cuspidor and Support Center



361/362 (2" Post Mount) Cuspidor and Support Center



363 Cuspidor and Support Center



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461 Cuspidor and Support Center



page 93

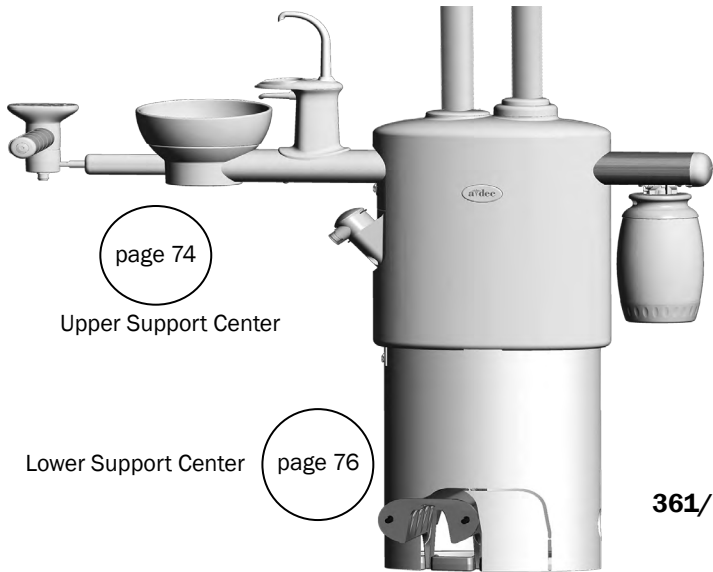
561 Cuspidor and Support Center



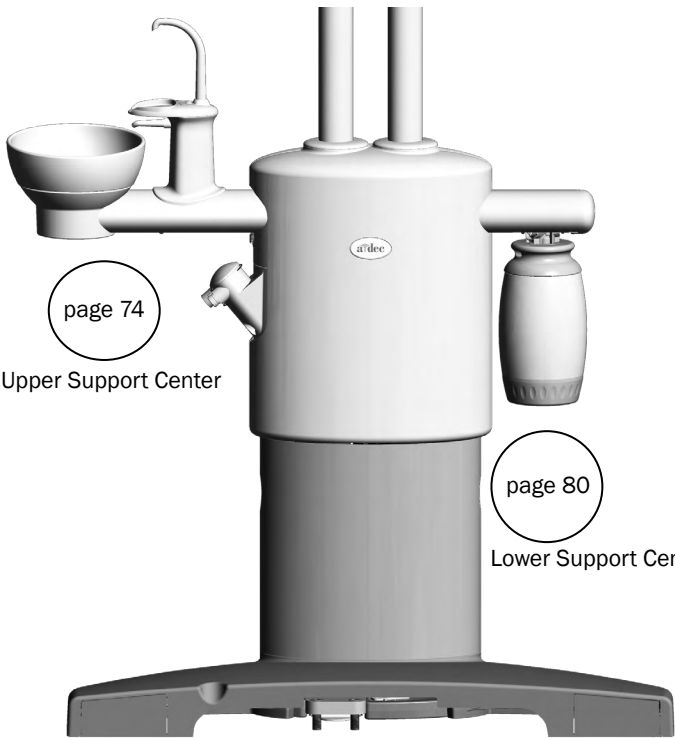
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300 Cuspidor and Support Centers

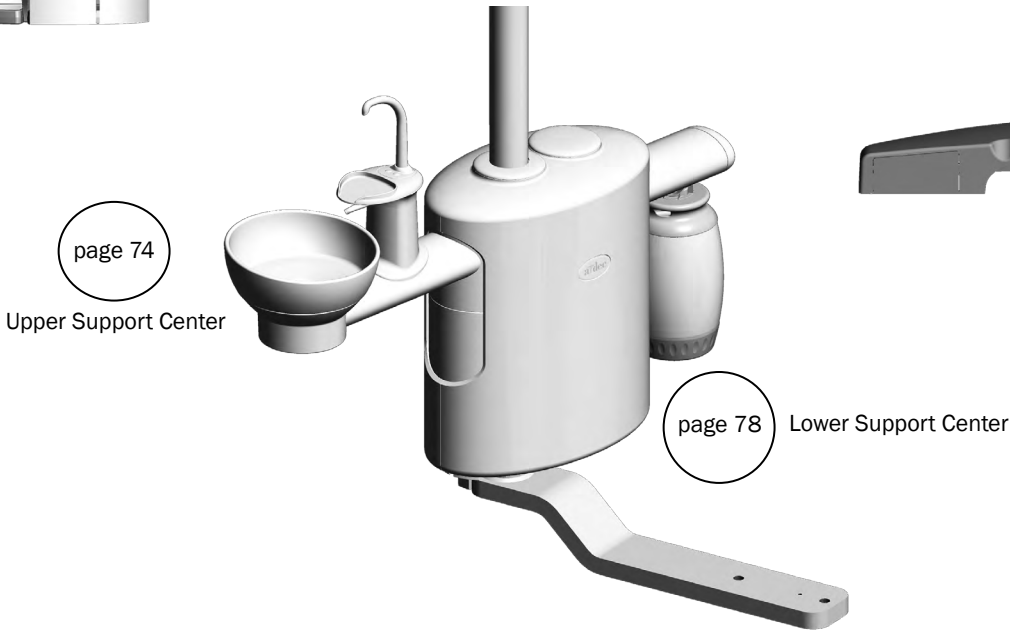
361 Cuspidor and Support Center



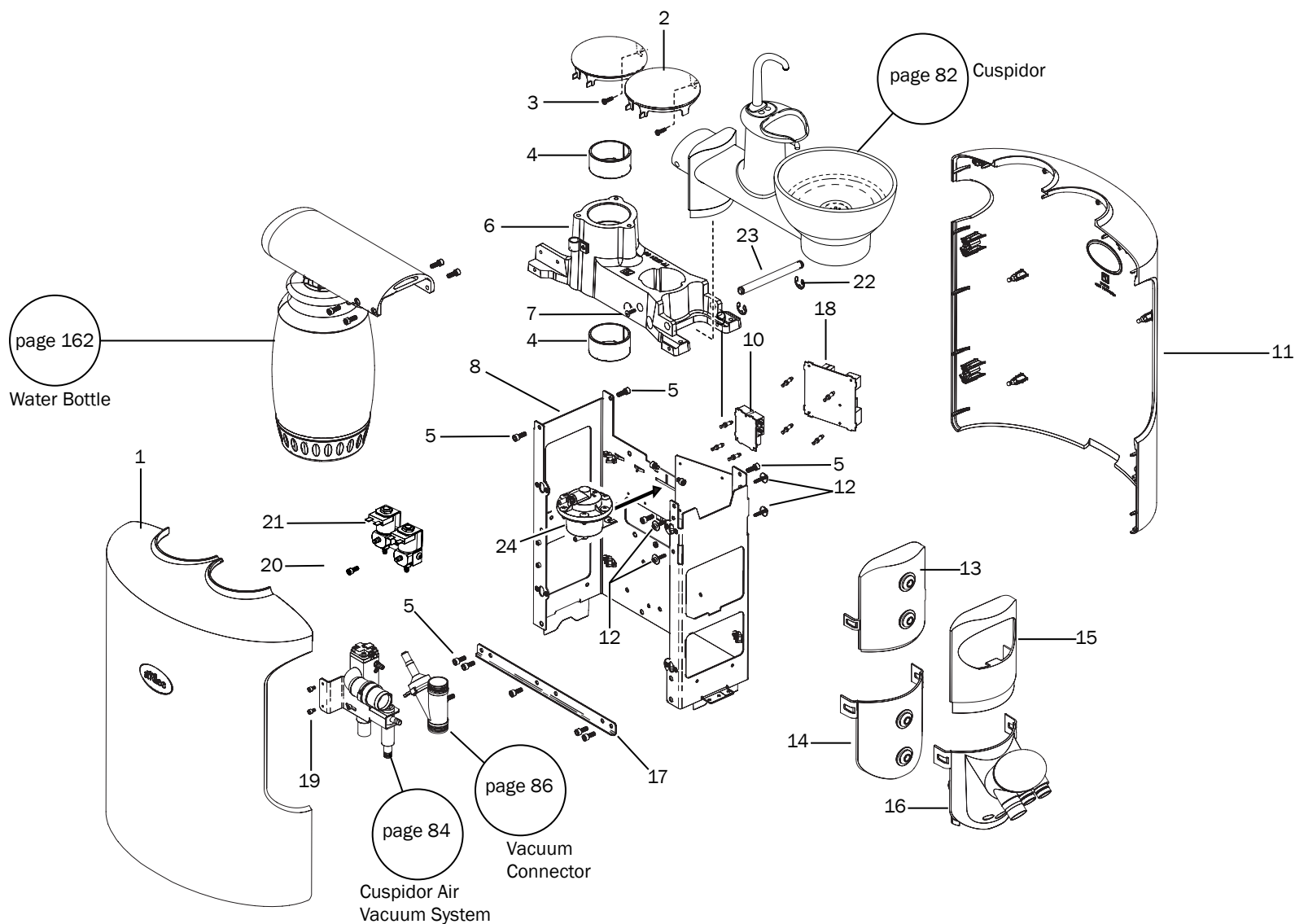
363 Cuspidor and Support Center



361/362 (2" Post Mount) Cuspidor Support Center



Upper Support Center (300)

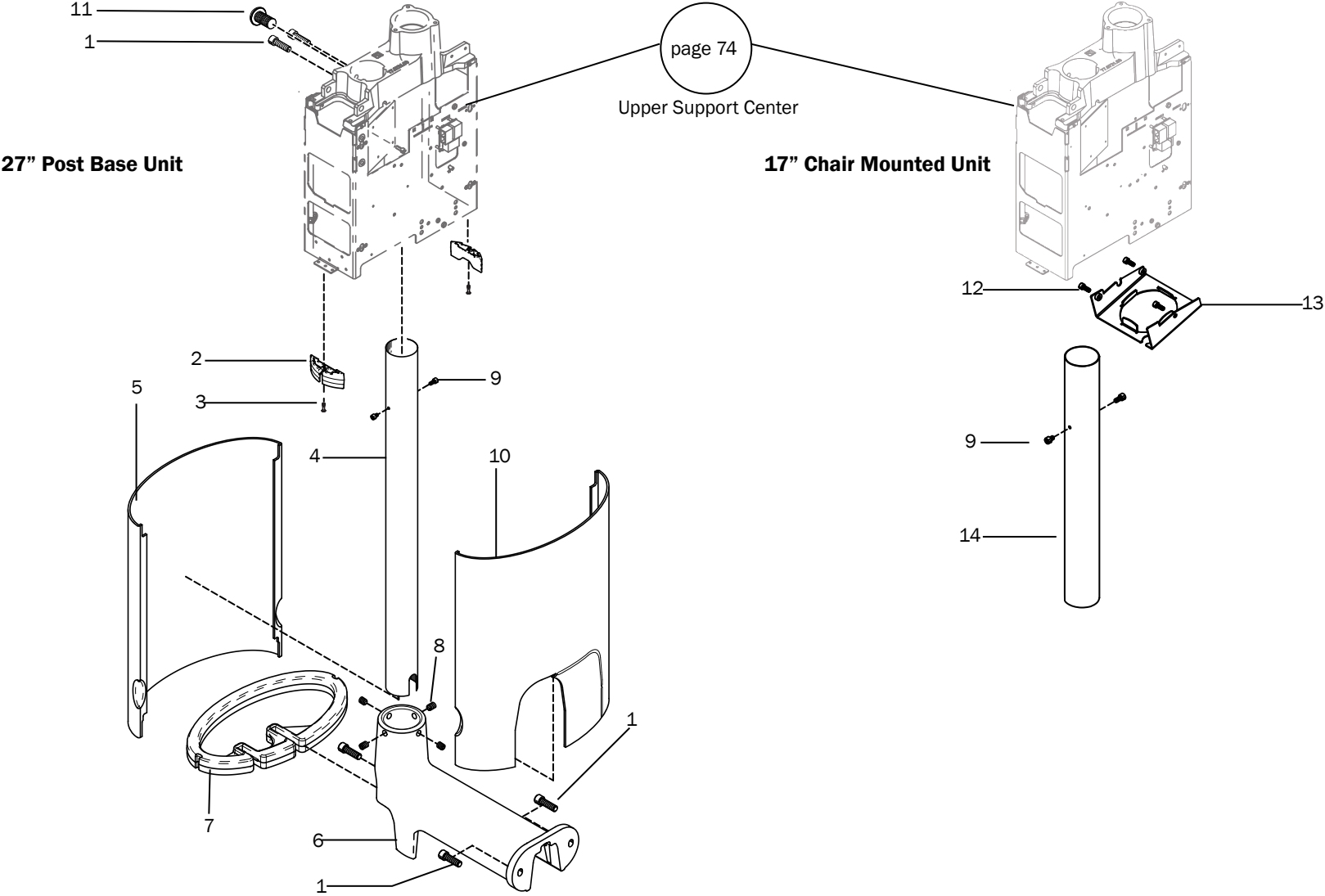


Upper Support Center (300)

Item	Part Number	Description
1	90.1211.00	Cover, left, support center with studs
2	90.1215.00	Post box plug kit with screws
3	001.259.00	Screw, pan head, 6-19 x 1/2", zinc
4	016.158.00	Bearing, sleeve, DU, 1.873 ID
5	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
6	77.0825.00	Mount block, support center
7	002.142.00	Screw, button head socket, 1/2 - 13 UNC x 1 ZNC
8	77.0725.00	Chassis, support center
9	90.1082.00	PCB, standoff, pkg of 5
10	90.1167.00	PCA, Can adapter kit
11	77.0719.00	Cover, right, support center
12	005.161.00	Screw, socket head, 10- 32 x 1/4" stainless steel (hold the blank covers), pkg of 4
13	77.0883.00	Blank cover
14	77.0724.00	Blank, cover vacuum canister
15	77.0882.00	Cover, cuspidor
16	77.0748.00	Vacuum canister base
17	77.0726.00	Rail, frame, support center
18	43.0137.00	Cuspidor board
19	001.034.00	Socket head 6-32 X 1/4" screw
20	002.135.00	Socket head 10-32 X 1/2" patch screw
21	90.1447.00	Cup fill/bowl rinse manifold
22	010.040.00	Retaining ring
23	77.0912.00	Pin
24	13.0403.00	Vacuum air trap valve assembly



Lower Support Center (361)

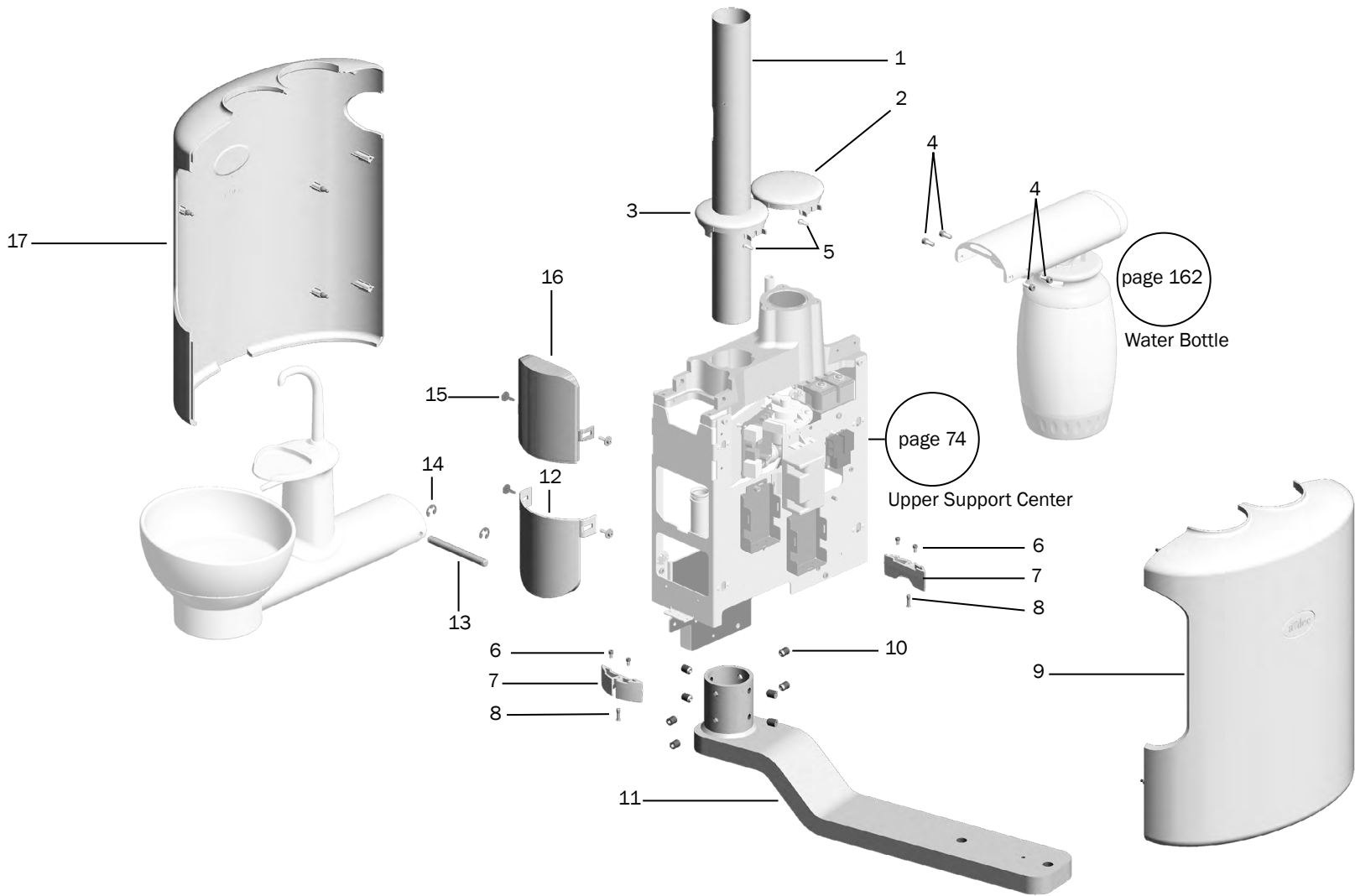


Lower Support Center (361)

Item	Part Number	Description
1	002.042.01	Screw, socket head, 3/8-16 x 3/4"
2	62.0363.00	Post mount, block, upper cover
3	012.029.00	Rivet pop, 1/8" dia
4	77.0729.00	Post, support center, 2" OD x 27" long
5	62.0355.00	Post mount, lower cover, front
6	62.0291.00	2" post mount
7	62.0357.00	Post mount, stiffener cover
8	007.055.00	Set screw, socket cup pt, 3/8" -16 x 1/2"
9	002.123.00	Screw, socket head, 10 - 32 x 1/4", stainless steel
10	62.0356.00	Post mount, lower cover, rear
11	002.142.00	1/2-13 X 1" Button head screw
12	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
13	77.0874.00	Bracket, umbilical 2.5"
14	77.0728.00	Post, 2" OD x 17" long



Lower Support Center – 361/362 (2" Post Mount)

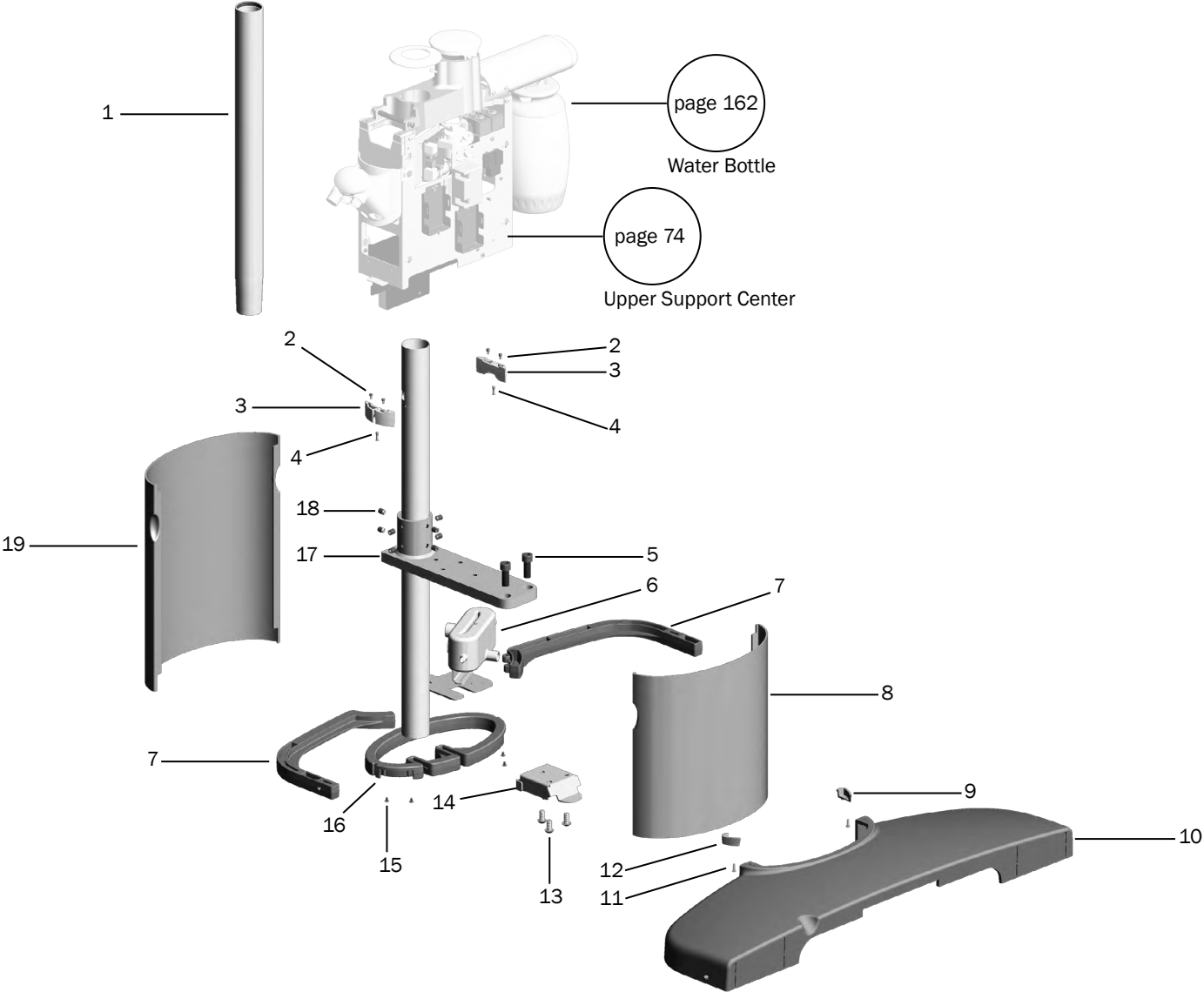


Lower Support Center – 361/362 (2" Post Mount)

Item	Part Number	Description
1	77.0728.00	2" Post
2	90.1215.00	Plug kit
3	77.0876.00	Trim ring
4	002.135.00	Socket head screw, 10-32 x 1/2
5	001.259.00	Pan head tap screw, 6-19 x 1/2
6	001.034.00	Socket head screw, 6-32 x 1/4
7	62.0363.00	Post mount
8	012.029.00	Rivet pop
9	77.0719.00	Right cover
10	007.055.01	Set screw
11	77.0743.00	2" Post chair adaptor
12	77.0724.00	Blank cover, vacuum canister
13	77.0912.00	Pin, cuspidor mnt
14	010.040.01	E-clips
15	005.161.00	Socket head screw with washer, 6-32 x 5/8
16	77.0883.00	Blank cover, cuspidor arm
17	90.1211.00	Left cover



Lower Support Center (363)



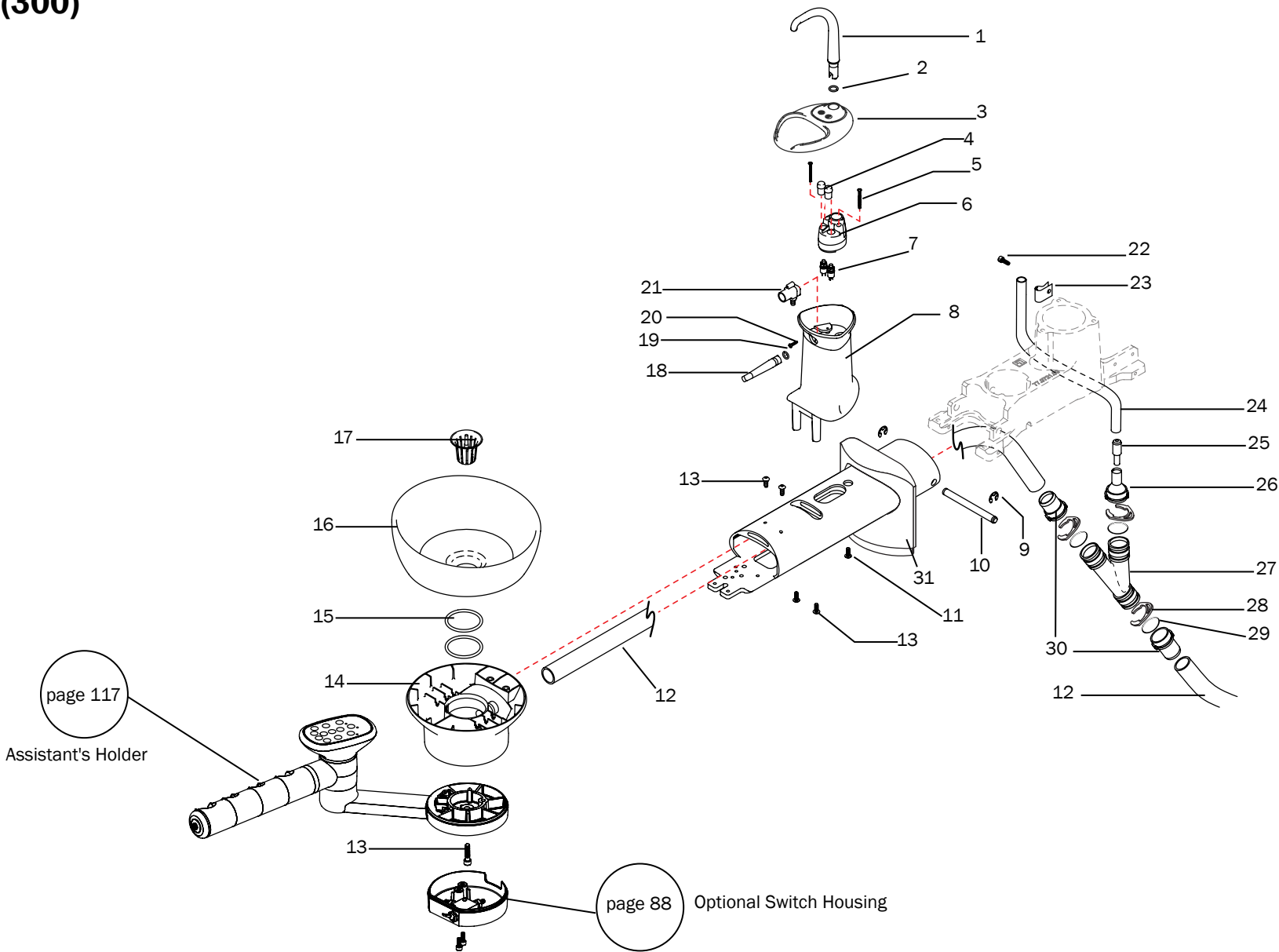
Lower Support Center (363)

Item	Part Number	Description
1	28.1624.00	Light post
2	001.034.00	Socket head screw, 6-32 x 1/4
3	62.0363.00	Post mount block
4	012.029.00	Rivet
5	001.177.00	Socket head screw, 1/2-13 x 1-1/4
6	77.0971.00	Liquid separator kit
7	62.0913.00	Stiffener
8	62.0912.00	Lower cover, rear
9	62.0916.00	Right lower block
10	62.0915.00	Utility cover
11	001.259.00	Pan head screw, 6-19 x 1/2
12	62.0914.00	Left lower block
13	002.058.00	Button socket head screw, 3/8 x 3/4
14	62.0919.00	Clamp
15	001.275.00	Truss head phillips screw, 6-19 x 1/4
16	62.0357.00	Post mount
17	77.1402.00	Chair adaptor
18	007.055.01	Setscrew
19	62.0911.00	Lower cover, front

Replacement Kit	Items Included	Description
62.0945.00	9, 10, 12	Post mount utility cover



Cuspidor (300)

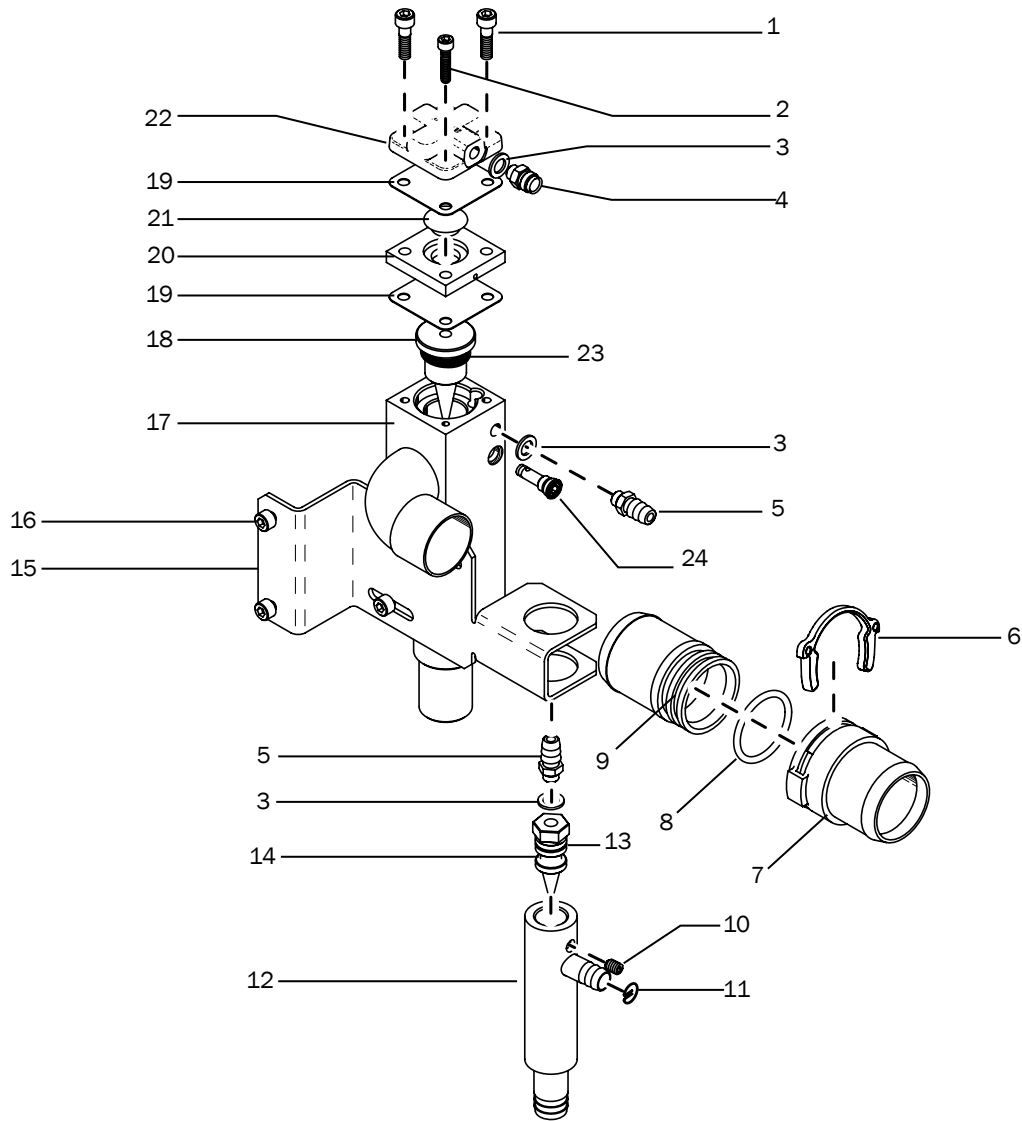


Cuspidor (300)

Item	Part Number	Description
1	77.1034.00	Spout assembly, cupfill with o-ring
2	030.012.02	O-ring, 364 ID x 070 wide, pkg of 10
3	90.1213.00	Cup holder
4	77.1005.00	Button, cuspidor fill/rinse
5	003.120.00	Screw, 4- 20 x 1/14", zinc
6	77.0097.01	Support, cuspidor spout with barbs
7	041.059.00	Switch Assembly, NO, MOM, 20", 20 MTE
8	77.0820.00	Tower, spout support, cuspidor
9	010.040.01	Retaining ring,
10	77.0912.00	Pin, cuspidor mount
11	77.0819.00	Support arm, cuspidor
12	024.210.00	20 mm hose
13	005.110.00	Screw, 10 - 32 x 1/2", button socket
14	77.0735.00	Support, cuspidor bowl
15	030.224.00	O-ring, AS 568-224, 1.734 I.D. x .139 W
16	77.0730.01	Bowl, cuspidor with o-rings
17	75.0035.03	Screen, cuspidor, pkg of 5
18	77.1033.01	Spout, bowl rinse with o-rings
19	030.011.02	O-ring, AS 568-011, .301 I.D. x .070 W
20	003.119.00	Screw, 4 - 21 x 1-1/4", zinc
21	77.0734.00	Socket, bowl rinse
22	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
23	025.028.00	Cable Clamp, 7/16"
24	024.180.00	Tubing, 3/8", vinyl, surf
25	77.1030.00	Barb, cuspidor drain vent
26	022.091.01	Connection, vacuum, tubing (kit contains item 28)
27	022.100.01	Connection, vacuum, Y, male (kit contains item 29)
28	022.090.00	Clip, retainer
29	035.053.01	O-ring, pkg of 10
30	022.092.01	Connection, vacuum, tubing, 20 mm, female



Cuspidor Air Vacuum System (300)

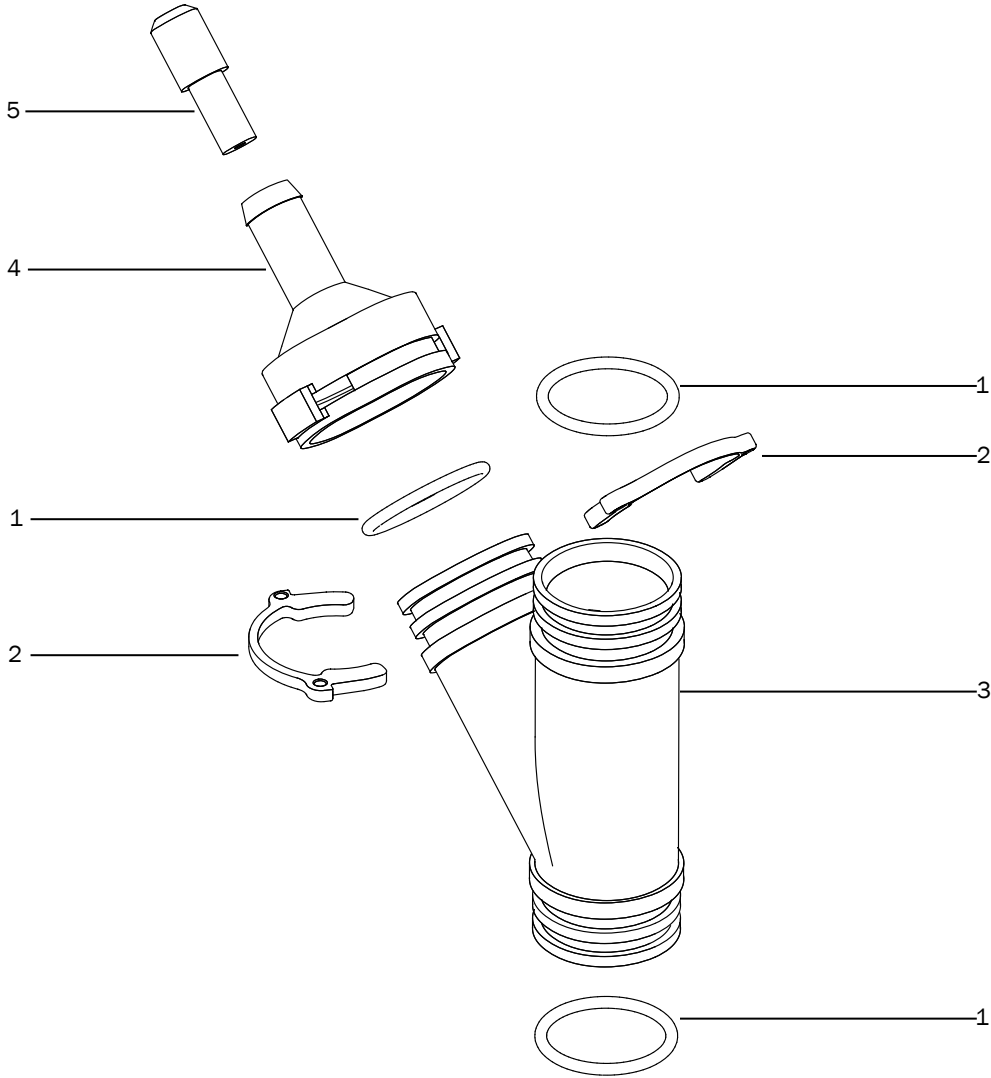


Cuspidor Air Vacuum System (300)

Item	Part Number	Description
1	001.042.00	Socket head screw, 6-32 X 1/2", stainless steel
2	001.021.00	Socket head screw, 4-40 X 1/2", stainless steel
3	004.005.02	Washer, flat nylon, pkg of 10
4	023.089.00	QD, 1/8" female, 10-32
5	023.805.01	Barb, 5/16" x 10-32, pkg of 10
6	022.090.00	Clip, retainer, conn vac
7	022.094.01	Conn. Vac, .25 mm
8	035.053.01	O-ring, vacuum, .20 mm x 2 mm, pkg of 10
9	022.095.01	Conn Vac, male, 25 mm tubing
10	007.002.00	Set screw, socket cup, 6-32 x 3/16"
11	11.1111.01	Screen spring clip, pkg of 10
12	11.1105.01	ASE assembly, 5/16"
13	030.010.02	O-ring, .239 ID x .070 W, pkg of 10
14	11.1108.00	Air saliva evacuator
15	77.0843.00	Mounting bracket
16	001.034.00	Socket head screw, 6-32 x 1/4"
17	11.1101.01	Body assembly
18	11.1085.00	Air vacuum generator jet
19	22.0440.02	Diaphragm, pkg of 10
20	41.0515.00	Spacer
21	41.0516.00	Piston, stepped
22	11.1086.00	Valve cover
23	030.012.02	O-ring, 012.364 ID x 070 W, pkg of 10
24	38.0517.00	Air bleed cartridge with O-ring



Vacuum Connector (300)

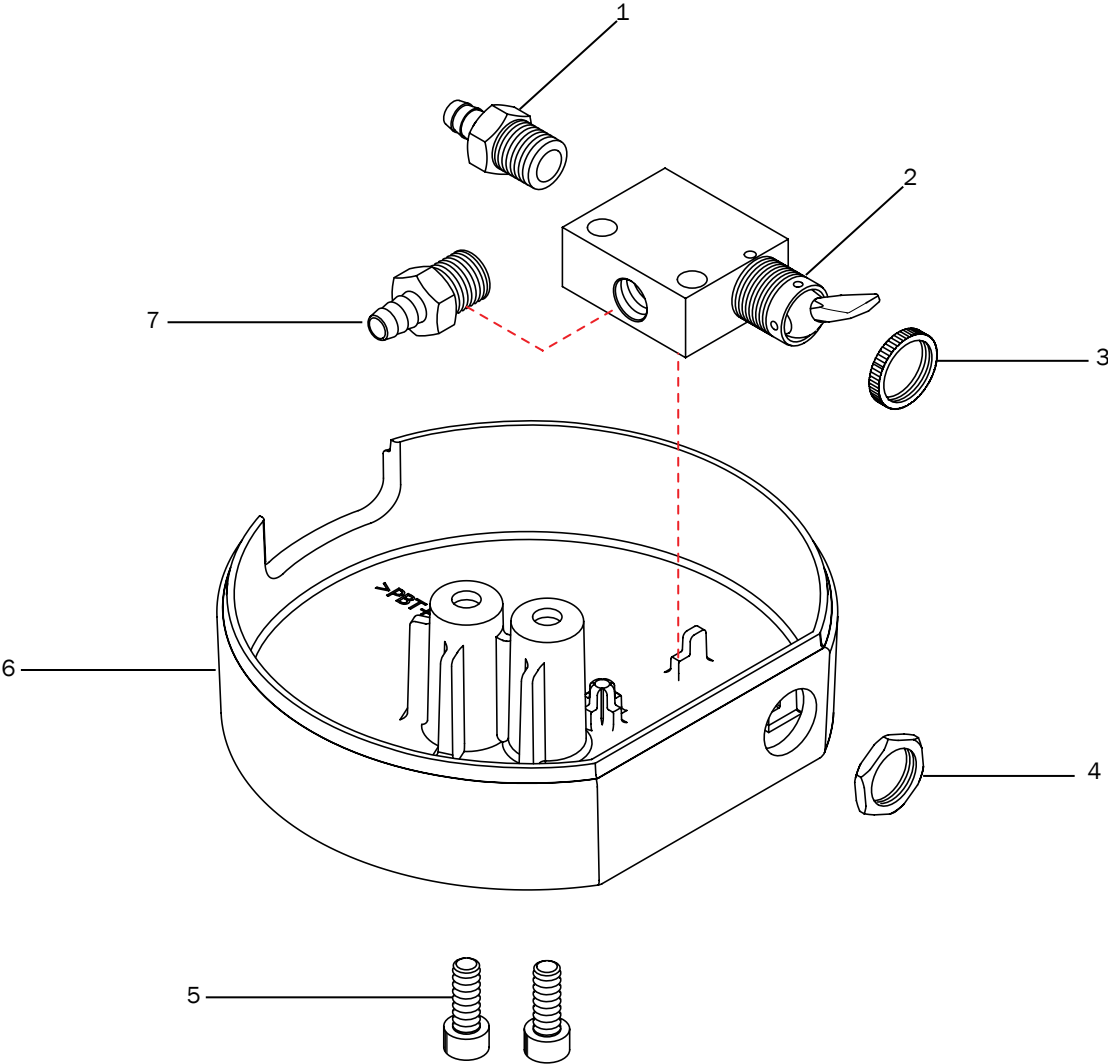


Vacuum Connector (300)

Item	Part Number	Description
1	035.053.01	O-ring, silicone, 20 mm x 2 mm, pkg of 10
2	022.090.00	Durr clip
3	022.100.01	Male Y-vac connector
4	022.091.01	Female vacuum connector, 10 mm
5	77.1030.00	Cuspidor drain vent barb



Switch Housing, Air Vacuum System, Cuspidor Mounted (300)



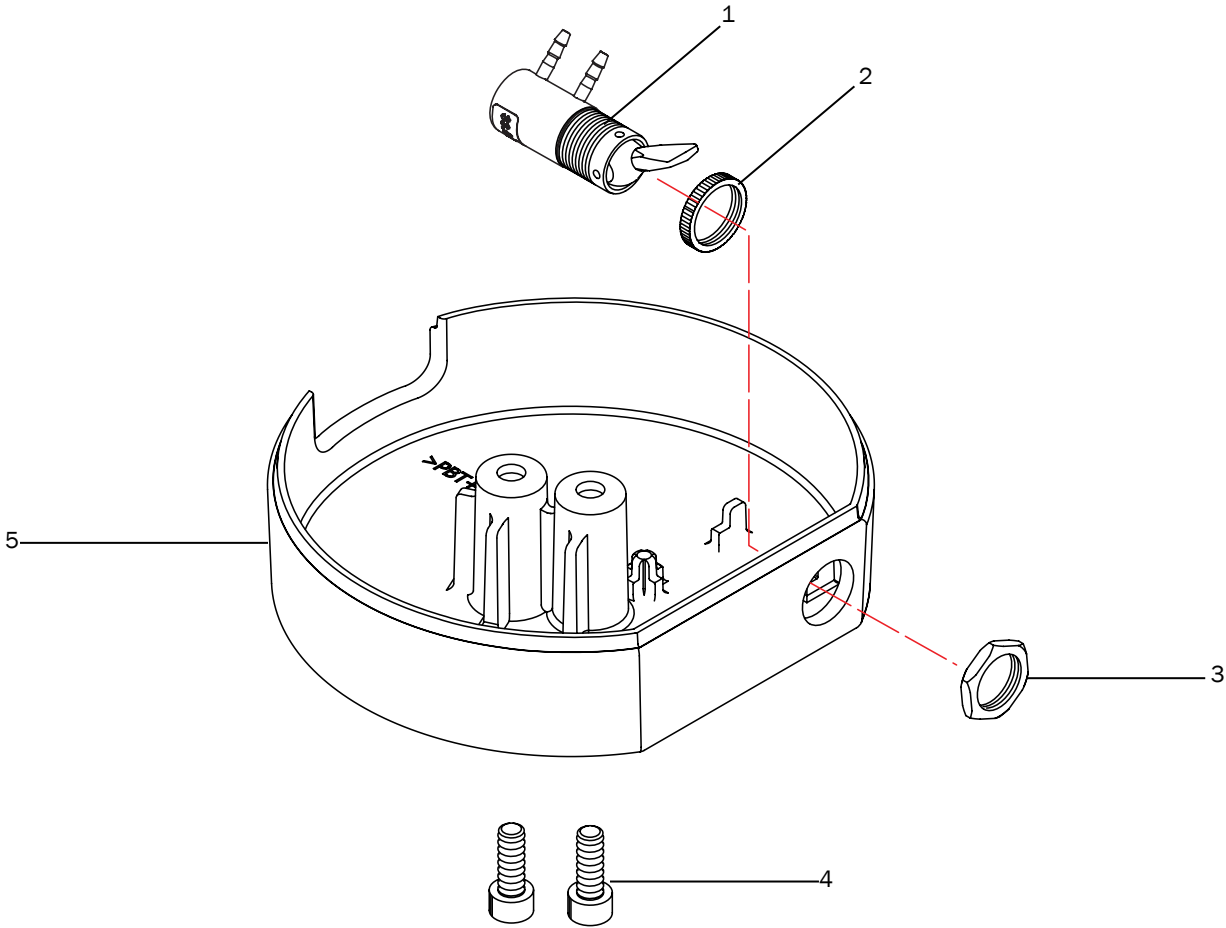
Switch Housing, Air Vacuum System, Cuspidor Mounted (300)

Item	Part Number	Description
1	023.804.00	Barb, 5/16 x 1/8"
2	80.0402.13	Valve, toggle, maxi, Surf 4
3	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32"
4	006.069.00	Nut, knurl
5	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
6	77.0938.00	Cover, housing
7	023.805.01	Barb, 5/6" x 10-32, pkg of 10

Replacement Kit	Items Included	Description
10.0760.00	1 - 7	AVG assembly
90.1210.00	1 - 4	Toggle valve assembly



Master Toggle Switch, No Delivery System, Cuspidor Mounted (300)



Master Toggle Switch, No Delivery System, Cuspidor Mounted (300)

Item	Part Number	Description
1	33.0173.00	Master toggle valve assembly
2	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32"
3	006.069.00	Nut, knurl
4	002.135.00	Screw, socket head, 10-32 x 1/2", stainless steel
5	77.0938.00	Cover, housing

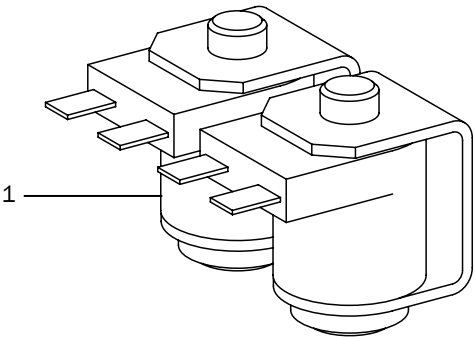
Replacement Kit	Items Included	Description
90,1189.00,	1,2,4, 5	Master toggle kit, 300

Cuspidor Cupfill/Bowl Rinse Manifold (300) Before July 2013

p/n 33.1803.00

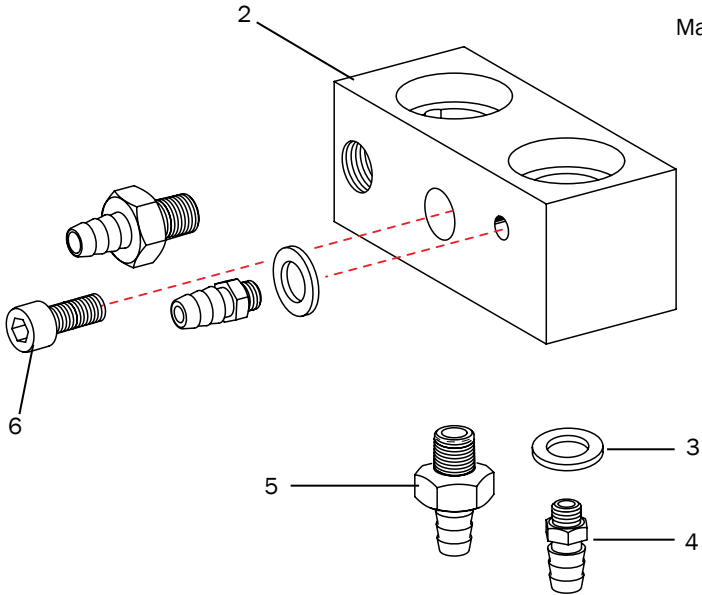
Item	Part Number	Description
1	041.660.00	Solenoid, 24 VAC, Cuspidor
2	38.1840.00 OBS	Manifold, Cupfill/Bowl Rinse
3	004.005.02	Washer, Flat Nylon, pkg of 10
4	023.805.01	Barb, 5/16" x 10-32, pkg of 10
5	023.804.00	Barb, 5/16" x 1/8 NPT
6	002.135.00	Mounting screw

OBS Indicates the individual part is obsolete

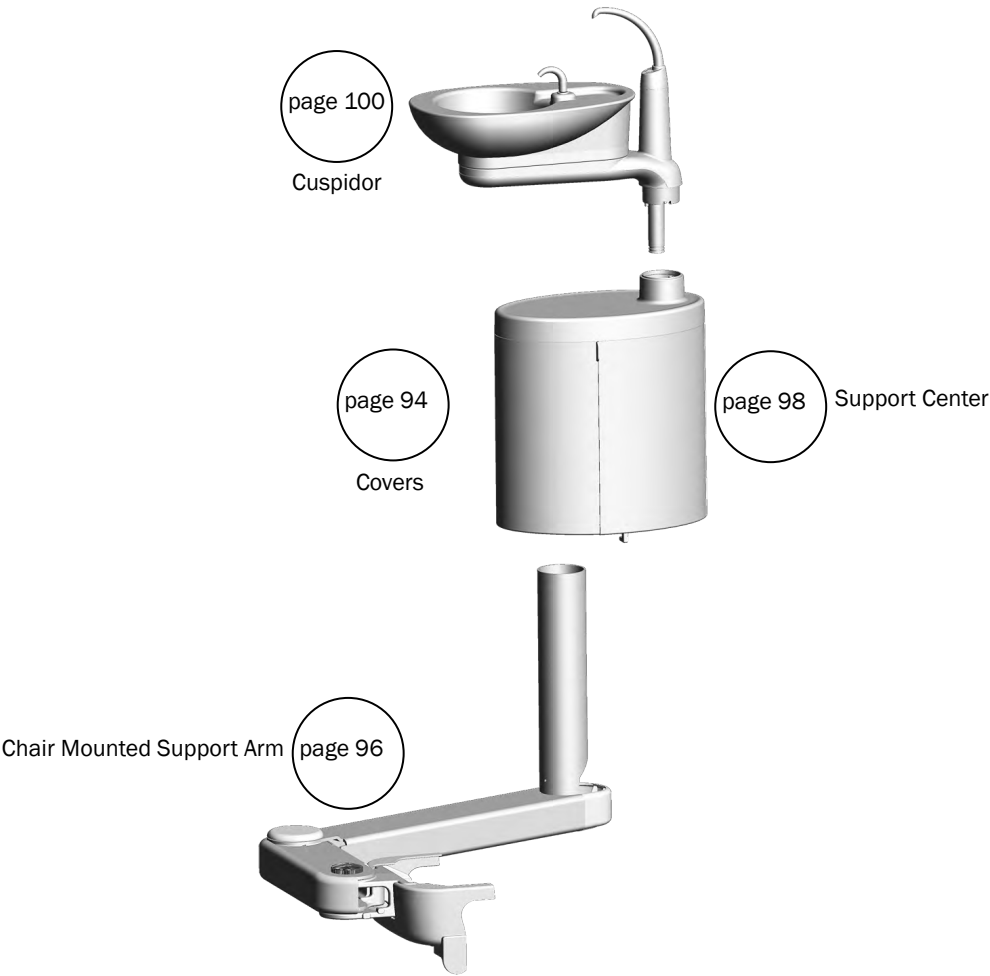


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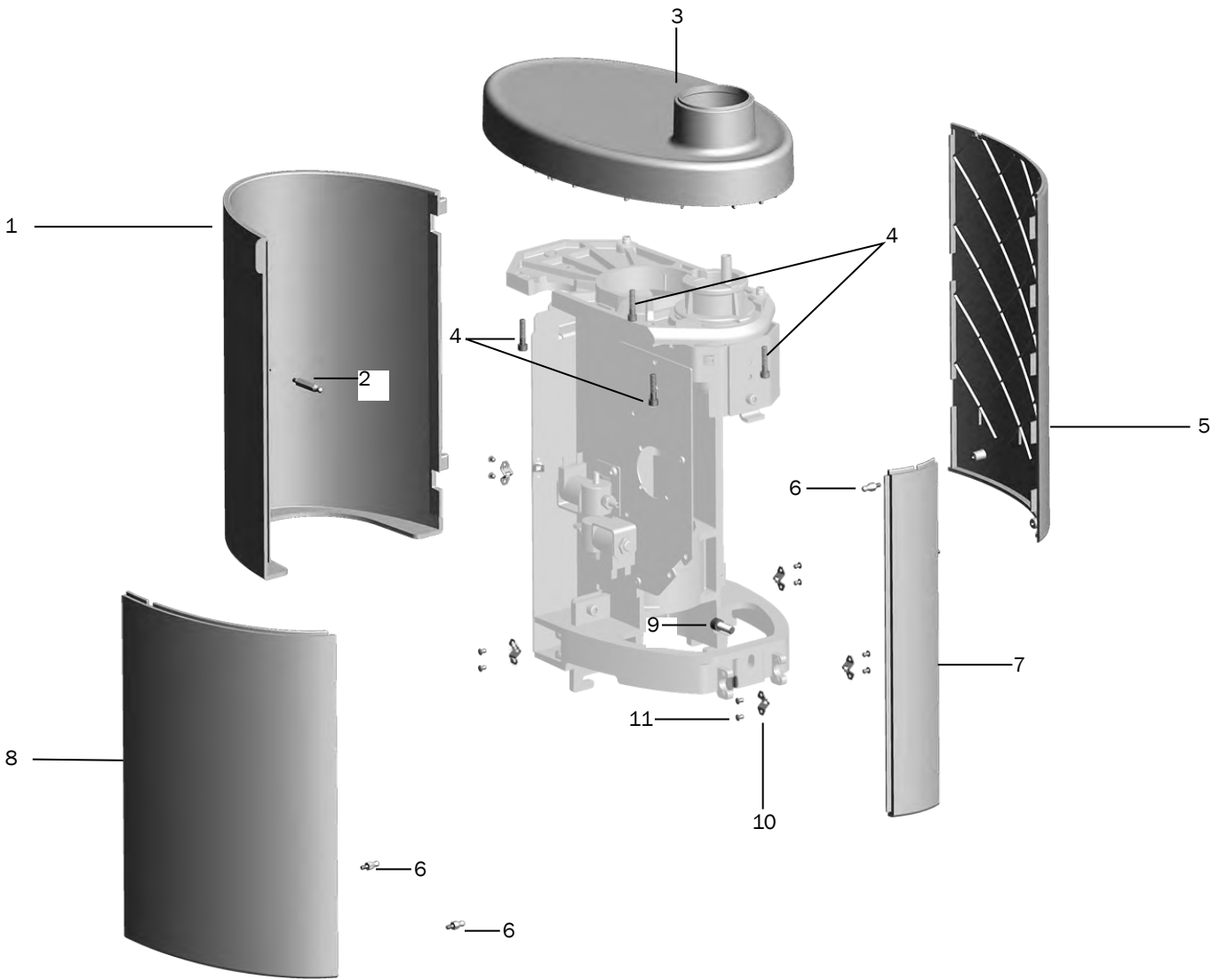
Manifold Effective July 2013



461 Cuspidor and Support Center



Support Center Covers (461)

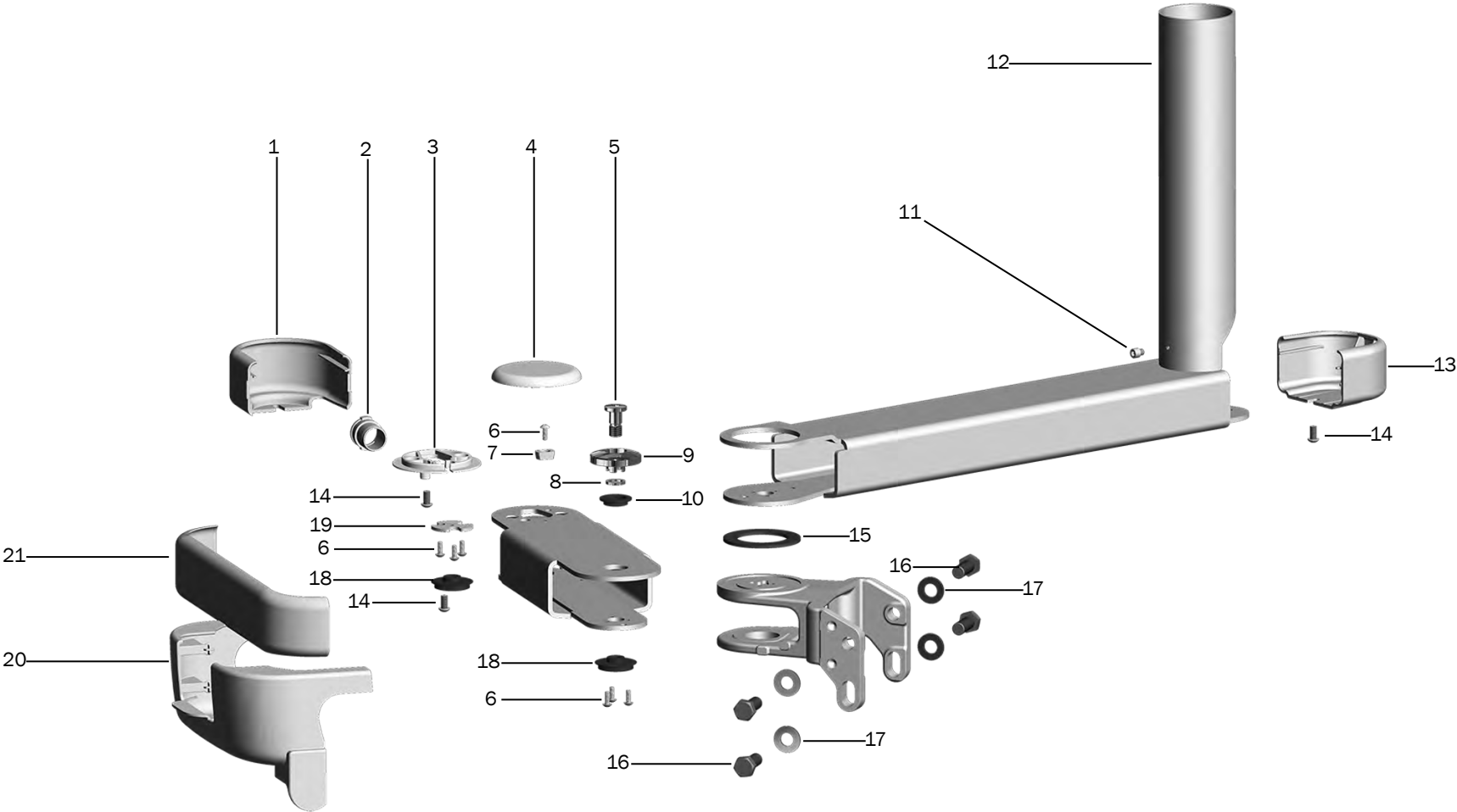


Support Center Covers (461)

Item	Part Number	Description
1	14.0489.00	Water bottle housing cover
2	042.665.00	Ball stud
3	77.1193.00	Top support cover
4	002.112.00	Socket head screw
5	77.0036.03	Right cuspidor housing cover
6	042.222.00	Ball stud
7	77.0037.01	Nose cover
8	77.0035.03	Left cuspidor housing cover
9	001.089.00	Socket head screw 1/4-20 x 5/8, stainless steel
10	042.221.00	Ball spring
11	012.009.00	Rivet



Chair Mounted Support Arm (461)



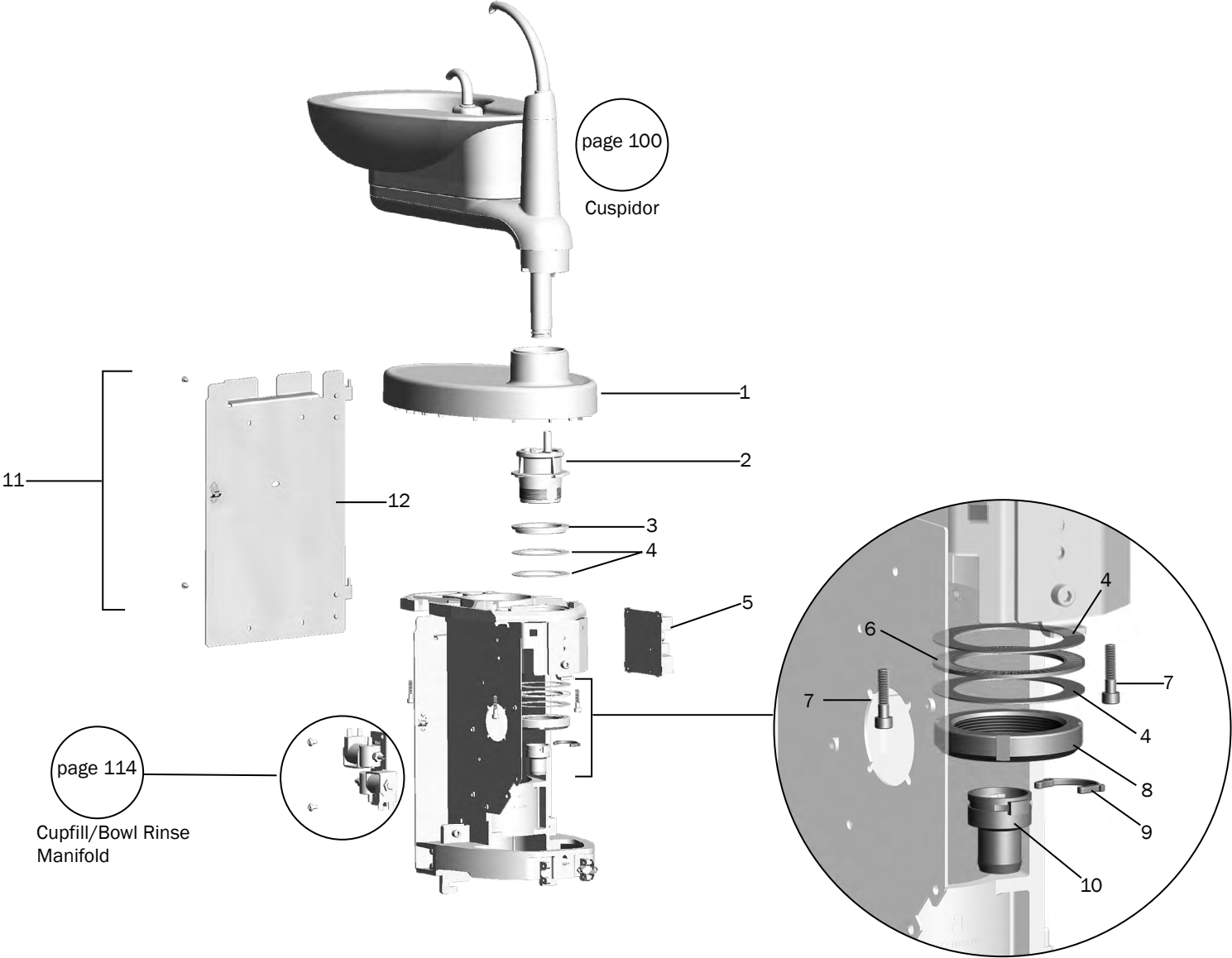
Chair Mounted Support Arm (461)

Item	Part Number	Description
1	77.1201.00	Umbilical cover
2	022.094.01	Female vacuum connector
3	77.1194.00	Friction adjustment bearing
4	77.0211.01	Bearing cap
5	77.1184.00	Socket shoulder screw
6	005.110.00	Button head socket screw
7	77.1186.00	Wedge
8	004.251.00	Lock washer
9	77.1205.00	Lock bearing
10	016.176.00	Flanged bearing
11	002.134.00	Socket head screw
12	77.1188.00	Weldment, cuspidor spt arm
13	77.1195.00	Cuspidor umbilical cover
14	001.130.01	Pan head slot screw
15	016.128.00	Thrust bearing washer
16	001.163.00	Hex head cap screw
17	004.240.00	Flat washer
18	77.1190.00	Lower flanged bearing
19	004.250.00	Steel washer
20	77.1241.00	Back mount cover
21	77.1212.00	Link support arm cover

Replacement Kit	Items Included	Description
77.1256.00	1, 5, 6, 8, 9, 10, 15, 18, 20, 21	Back mt assembly with link, 461



Support Center (461)

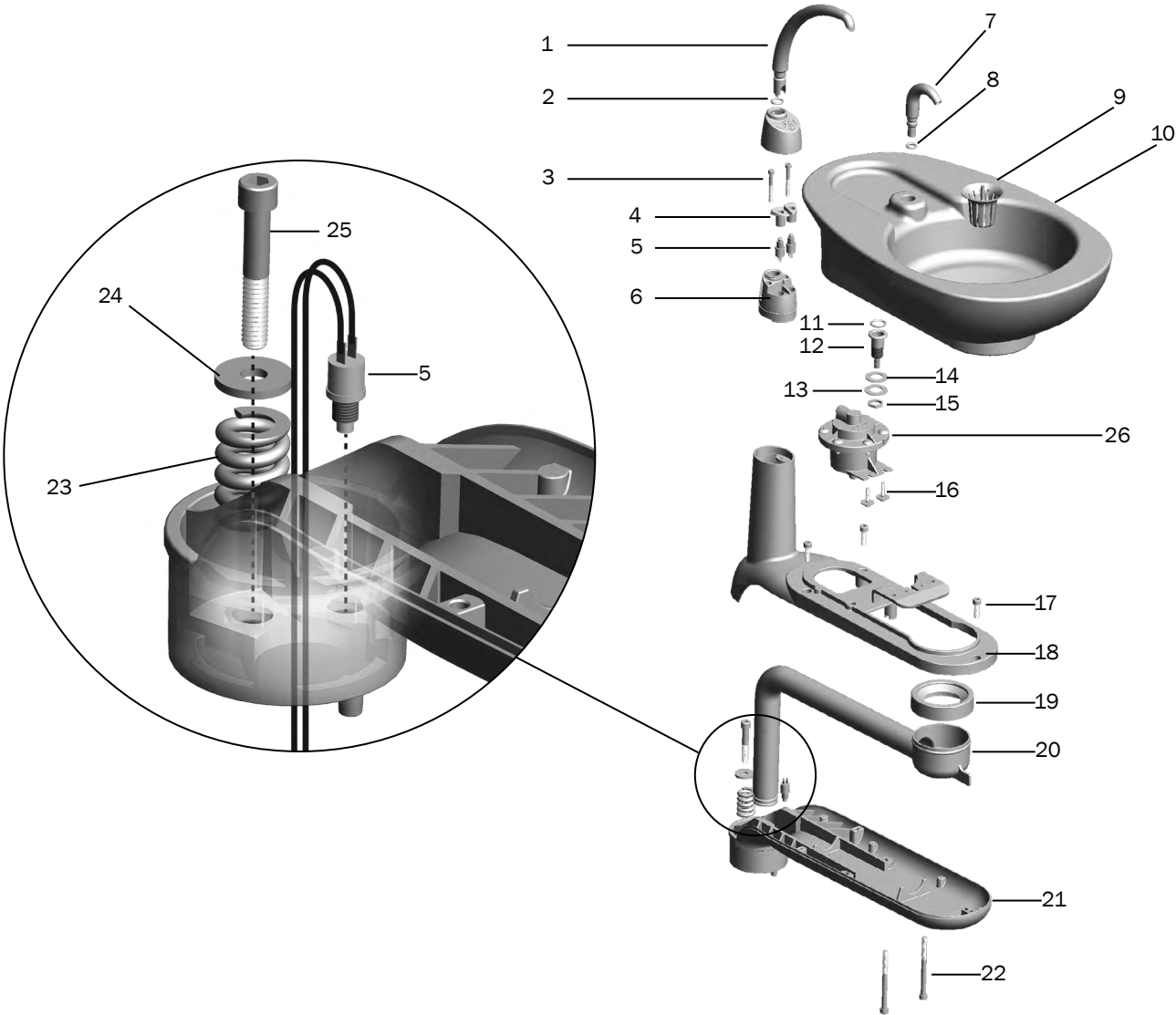


Support Center (461)

Item	Part Number	Description
1	77.1193.00	Support center top cover
2	77.0330.00	Hub pivot
3	12.0911.00	Bushing
4	016.108.00	Thrust bushing, race, 2.0 ID
5	90.1079.00	Cuspidor circuit board
6	016.044.00	Bearing, thrust, race, 2.0 ID
7	002.112.00	Socket head screw 10-32 X 7/8
8	61.0954.00	Lock nut
9	022.090.00	Retainer clip
10	022.092.01	Female vacuum connector
11	002.140.00	Button head socket 6-32 X 1/4 patch screw
12	77.1224.00	Water bottle cover



Cuspidor (461)



Cuspidor (461)

Item	Part Number	Description
1	77.0043.03	Cup fill spout
2	030.012.02	O-ring, pkg of 10
3	005.088.00	Socket head screw
4	77.0099.00	Button
5	–	Switch assembly
6	77.0097.01	Cuspidor spout support
7	77.0042.03	Bowl rinse spout
8	030.001.02	O-ring, pkg of 10
9	75.0035.01	Screen, pkg of 5
10	77.0038.00 77.0038.01	Bowl, surf Bowl, white
11	030.014.01	O-ring, pkg of 25
12	77.0105.00	Socket
13	004.035.00	Washer
14	004.132.00	Washer
15	006.009.00	Hex nut
16	005.161.00	Socket head screw with washer
17	001.088.00	Socket head screw
18	77.0108.00 77.0108.01	Top housing, surf Top housing, white
19	12.0991.00	Drain seal
20	77.0040.00	Drain tube
21	77.0109.00 77.0109.01	Bottom housing, surf Bottom housing, white
22	005.106.00	Button head socket screw
23	013.061.01	Spring
24	004.141.00	Washer
25	002.082.03	Flat head socket screw
26	13.0403.00	Vacuum air trap valve assembly

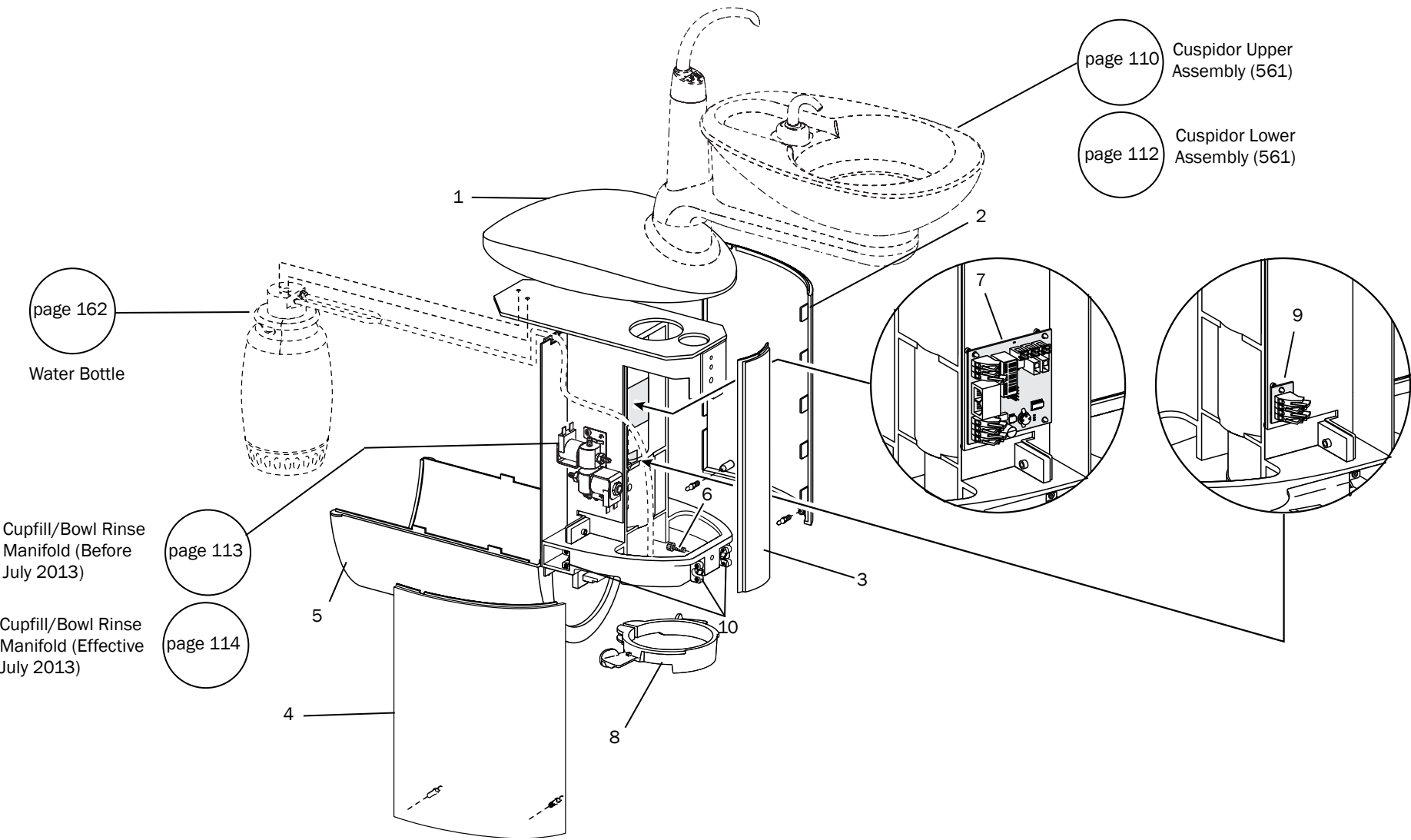
Replacement Kit	Items Included	Description
12.0915.00	5	Switch assembly



561 Cuspidor and Support Center



Support Center Components (561)

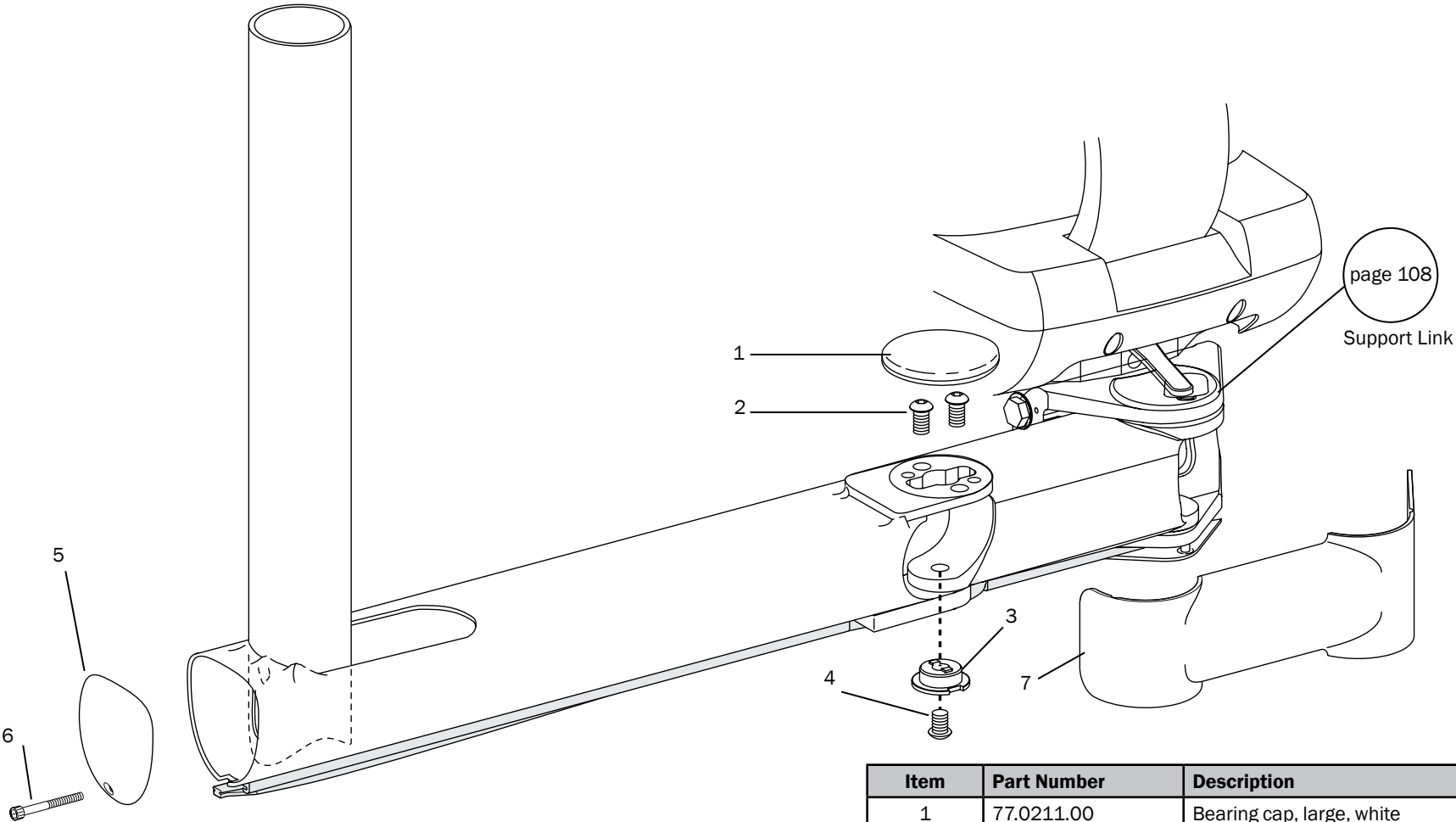


Support Center Components (561)

Item	Part Number	Description
1	77.0034.01 77.0034.00	Cover, top, white Cover, top, surf
2	77.0036.03 77.0036.01	Cover, right, white Cover, right, surf
3	77.0037.01 77.0037.00	Cover, nose, white Cover, nose, surf
4	77.0035.03 77.0035.01	Cover, left, white Cover, left, surf
5	14.0472.01 14.0472.00	Cover, housing, water bottle, white Cover, housing, water bottle, surf
6	001.089.00	Socket head screw 1/4-20 x 5/8, stainless steel
7	90.1079.00	Cuspidor circuit board kit
8	77.0232.00	Rotational stop
9	43.0045.00	PCA, terminal strip, 4 position (without cuspidor only)
10	042.222.00	Ball stud

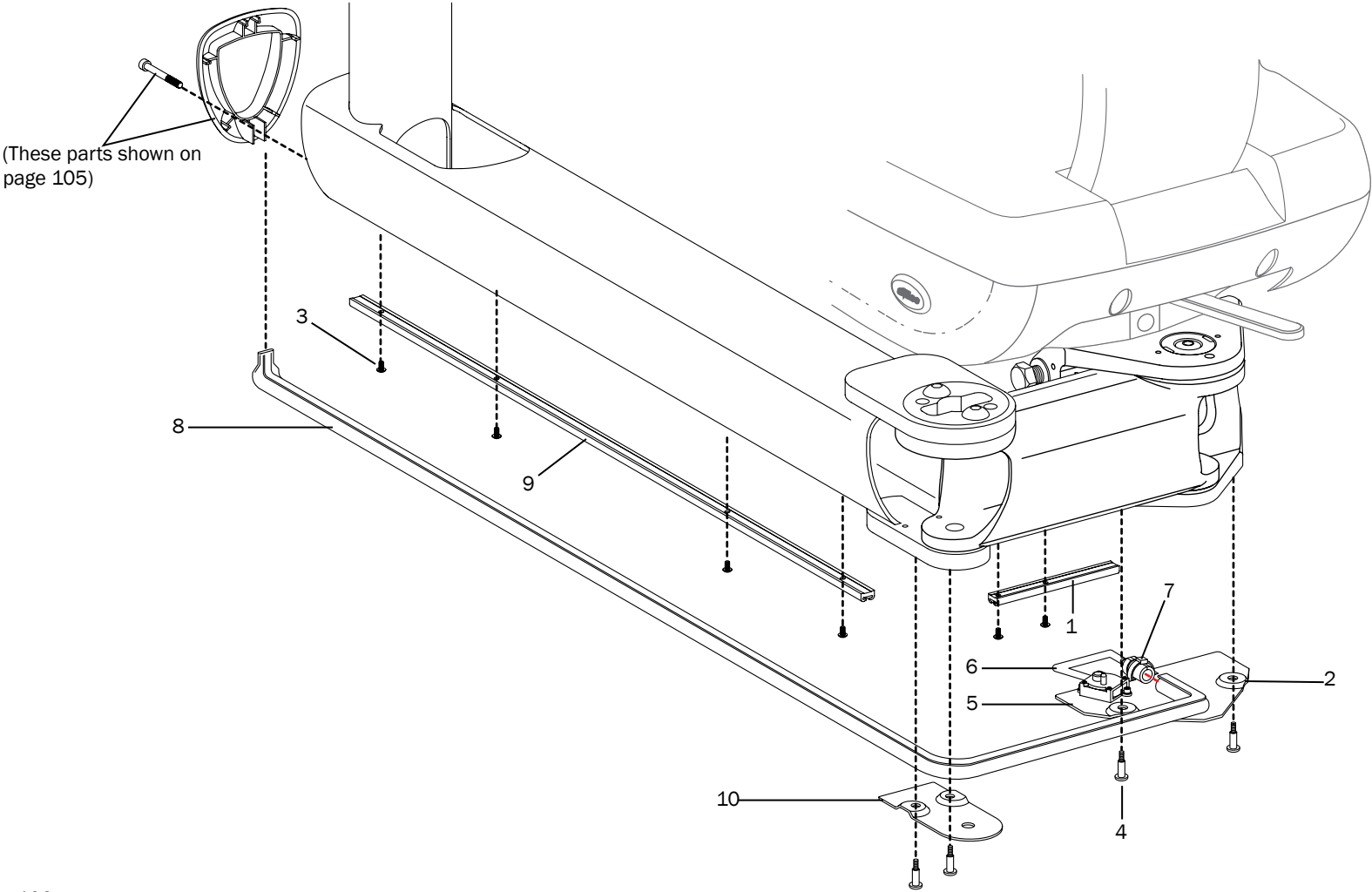


Lower Support Arm (561)



Item	Part Number	Description
1	77.0211.00	Bearing cap, large, white
	77.0211.01	Bearing cap, large, surf
2	002.142.00	Screw, button head, socket 1/2-13 x 1"
3	77.0029.00	Bearing cap, small
4	005.160.00	Screw, button head, socket 1/2-13 x 3/4
5	77.0096.00	Cover, lower support arm end, surf
	77.0096.01	Cover, lower support arm end, white
6	002.051.00	Screw, 10-32 x 1 1/2"
7	90.1096.00	Cover, link arm, surf
	90.1096.01	Cover, link arm, white

Limit Switch Components (561)

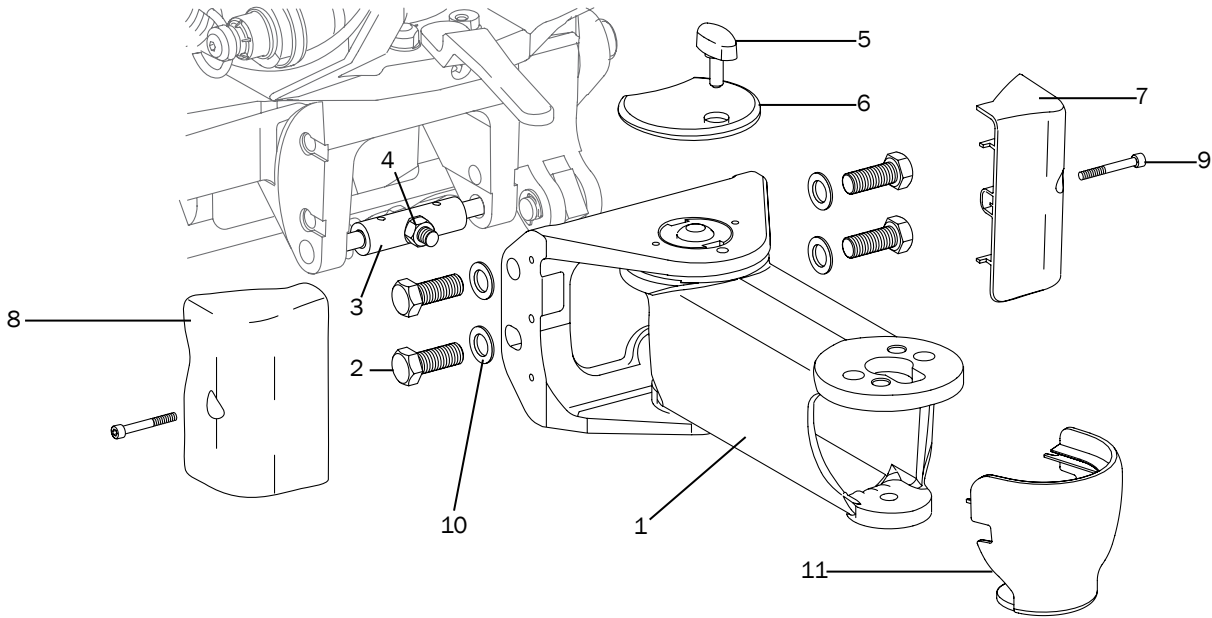


Limit Switch Components (561)

Item	Part Number	Description
1	77.0354.00	Bracket, limit switch, link arm (short)
2	77.0357.00	Actuator plate, surf
	77.0357.01	Actuator plate, white
3	002.140.00	Screws, patch button head, 6-32
4	77.0361.00	Stand-off screw
5	43.0087.00	Limit switch kit includes (2) 001.219.00 socket head screws, and 023.123.00† limit switch actuator barb
6	024.141.00	Tubing, 1/4" OD, D-Surf, 4"
7	025.002.01	Cable tie, pkg of 10
8	77.0360.00	Limit switch tubing (long) - 41.50" (shown)
	77.0359.00	Limit switch tubing (short) - 12.25" (not shown) For assistant's instrumentation only
9	77.0355.00	Bracket, limit switch. support arm (long)
10	77.0358.00	Plate, actuator link, surf
	77.0358.01	Plate, actuator link, white



Support Link (561)



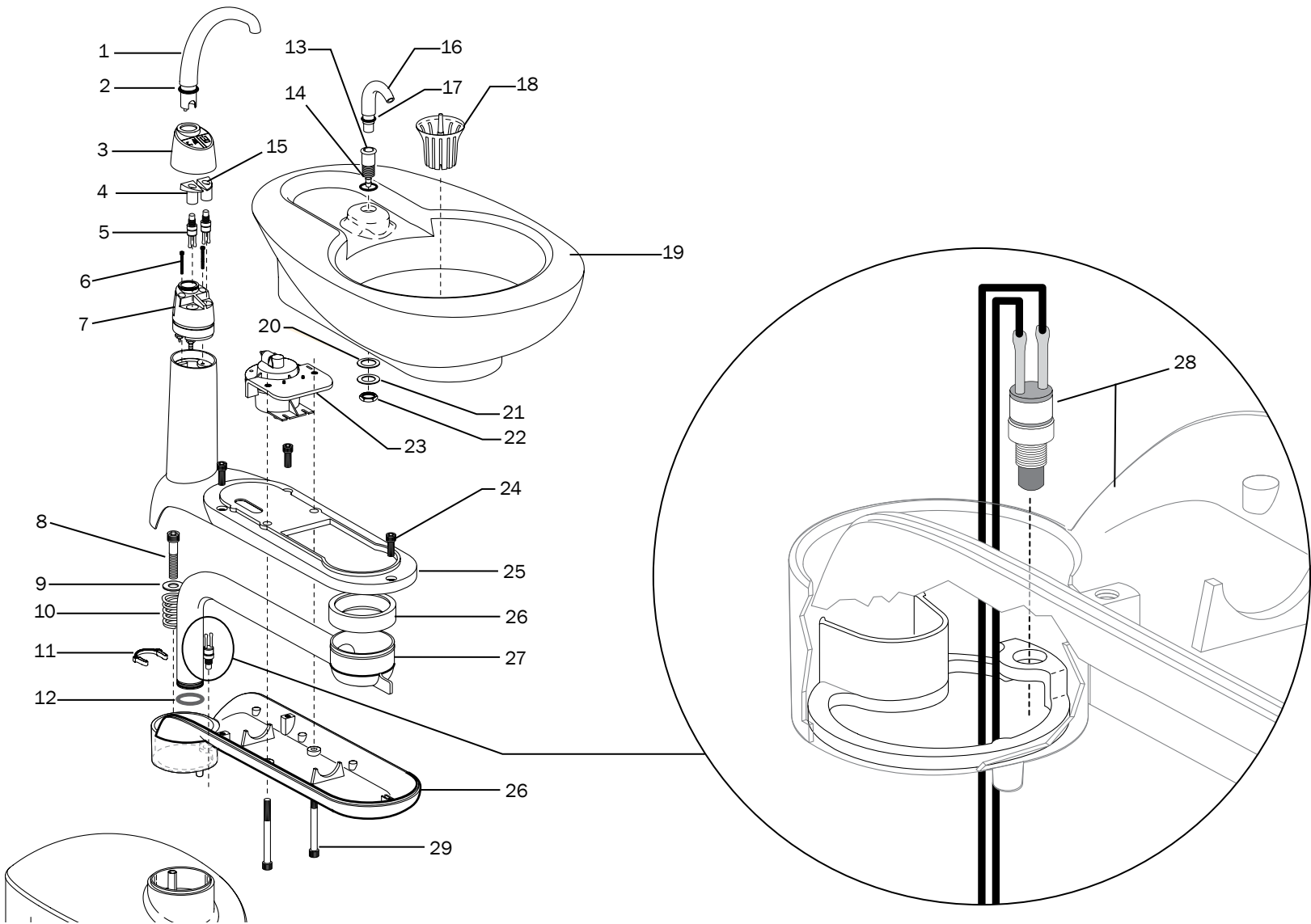
Support Link (561)

Item	Part Number	Description
1	--	Support link, surf Support link, white
2	001.094.00	Bolt, mounting 1/2-13 x 1 3/4"
3	77.0239.00	Leveling bar
4	006.148.00	Nut, locking, hex 1/2-13 x 3/4"
5	77.0373.00 77.0373.01	Locking knob, white Locking knob, surf
6	77.0374.00 77.0374.01	Small bearing cap cover, surf Small bearing cap cover, white
7	77.0376.00 77.0376.01	Support link cover, right, surf Support link cover, right, white
8	77.0377.00 77.0377.01	Support link cover, left, surf Support link cover, left, white
9	002.051.00	Screw, socket head, 10-32 x 1-1/2
10	004.240.00	Washer, 1/2"
11	77.0022.00 77.0022.01	Cover, umbilical, surf Cover, umbilical, white (not needed if there is a lower support arm attached - for assistant's only)

Replacement Kit	Items Included	Description
77.0278.00 77.1020.00	1	Back mt assembly with link, surf Back mt assembly with link, white



Cuspidor Upper Assembly (561)

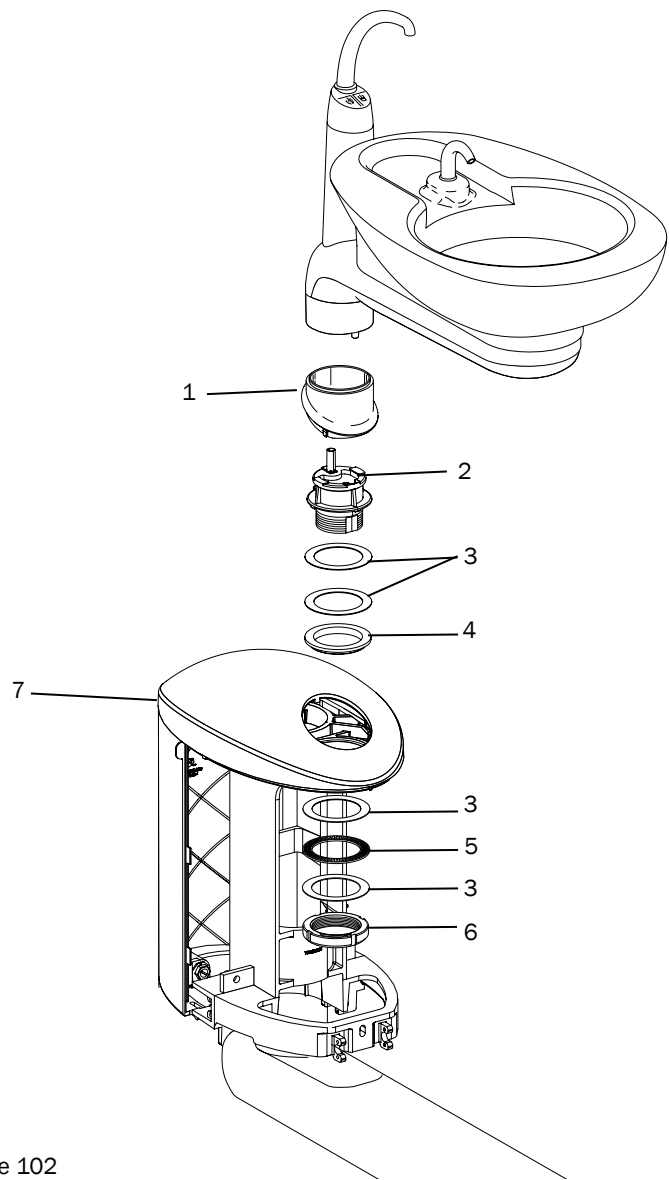


Cuspidor Upper Assembly (561)

Item	Part Number	Description	Item	Part Number	Description
1	77.0043.04 77.0043.01	Spout, cupfill, cuspidor, with O-ring, gray Spout, cupfill, cuspidor, with O-ring	16	77.0042.04 77.0042.01	Spout, bowl rinse, cuspidor, with O-ring, gray Spout, bowl rinse, cuspidor, with O-ring
2	030.012.02	O-ring, AS568-012, pkg of 10	17	030.011.02	O-ring, AS568-011, pkg of 10
3	77.0044.01 77.0044.00	Gasket, spout, cup, cuspidor, white Gasket, spout, cup, cuspidor, surf 6	18	75.0035.03 75.0035.01	Screen, cuspidor bowl, pkg of 5, gray Screen, cuspidor bowl, pkg of 5
4	77.0099.00	Button, cuspidor, fill/rinse, left	19	77.0038.01 77.0038.00	Bowl, cuspidor, ceramic, white Bowl, cuspidor, ceramic, surf
5	43.0010.00	Switch assembly, normally open, momentary, 20", 2-MTE	20	004.035.00	Washer, flat, nylatron, .511 ID
6	005.088.00	Screw, socket head, 6-32 x 1 1/4	21	004.132.00	Washer, flat, stainless steel, .500 ID
7	77.0097.01	Support, cuspidor spout with barbs	22	006.009.00	Nut, hex, 15/32-32 x 9/16 x 3/32
8	002.082.03	Screw, socket head stainless steel, 1/4-20 x 1-1/2	23	13.0403.00	Vacuum air trap valve assembly
9	004.141.00	Washer, flat, stainless, FL, .261 ID	24	001.088.00	Screw, socket head, 10-32 x 5/8 stainless steel
10	013.061.01	Spring, compression, .75 OD x 1.00 FL	25	77.0108.01 77.0108.00	Top housing, cuspidor, back mount, white Top housing, cuspidor, back mount, surf
11	022.090.00	Clip, retainer, connector, vacuum	26	12.0991.00	Drain seal, cuspidor
12	035.053.01	O-ring, silicone, vacuum, 20 mm x 2 mm, pkg of 10	27	77.0040.00	Tube, drain, cuspidor, back mount
13	77.0105.00	Socket, bowl rinse spout, Surf 4	28	77.0109.01 77.0109.00	Bottom housing, cuspidor with switch, gray Bottom housing, cuspidor with switch, surf
14	030.014.01	O-ring, AS568-014, pkg of 25	29	005.106.00	Screw, 10-32 x 2 1/2, socket head
15	77.0100.00	Button, cuspidor, fill/rinse, right			

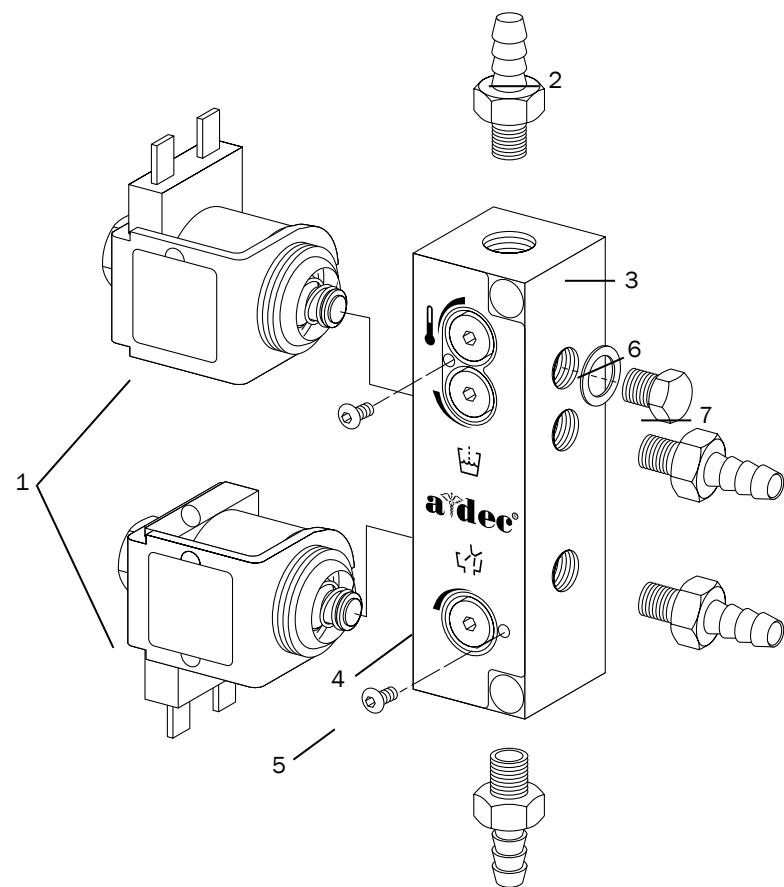


Cuspidor Lower Assembly (561)



Item	Part Number	Description
1	77.0098.01	Trim ring, cuspidor, white
	77.0098.00	Trim ring, cuspidor, surf
2	77.0330.00	Hub, pivot, cuspidor
3	016.108.00	Bearing, thrust, race 2.0 ID. plain
4	12.0911.00	Bushing, cuspidor, pivot
5	016.044.00	Bearing, thrust, needle 2.0 ID
6	61.0954.00	Nut, lock, 1-31/32-18, plated
7	77.0034.01	Cover, top, cuspidor, housing, white
	77.0034.00	Cover, top, cuspidor, housing, surf

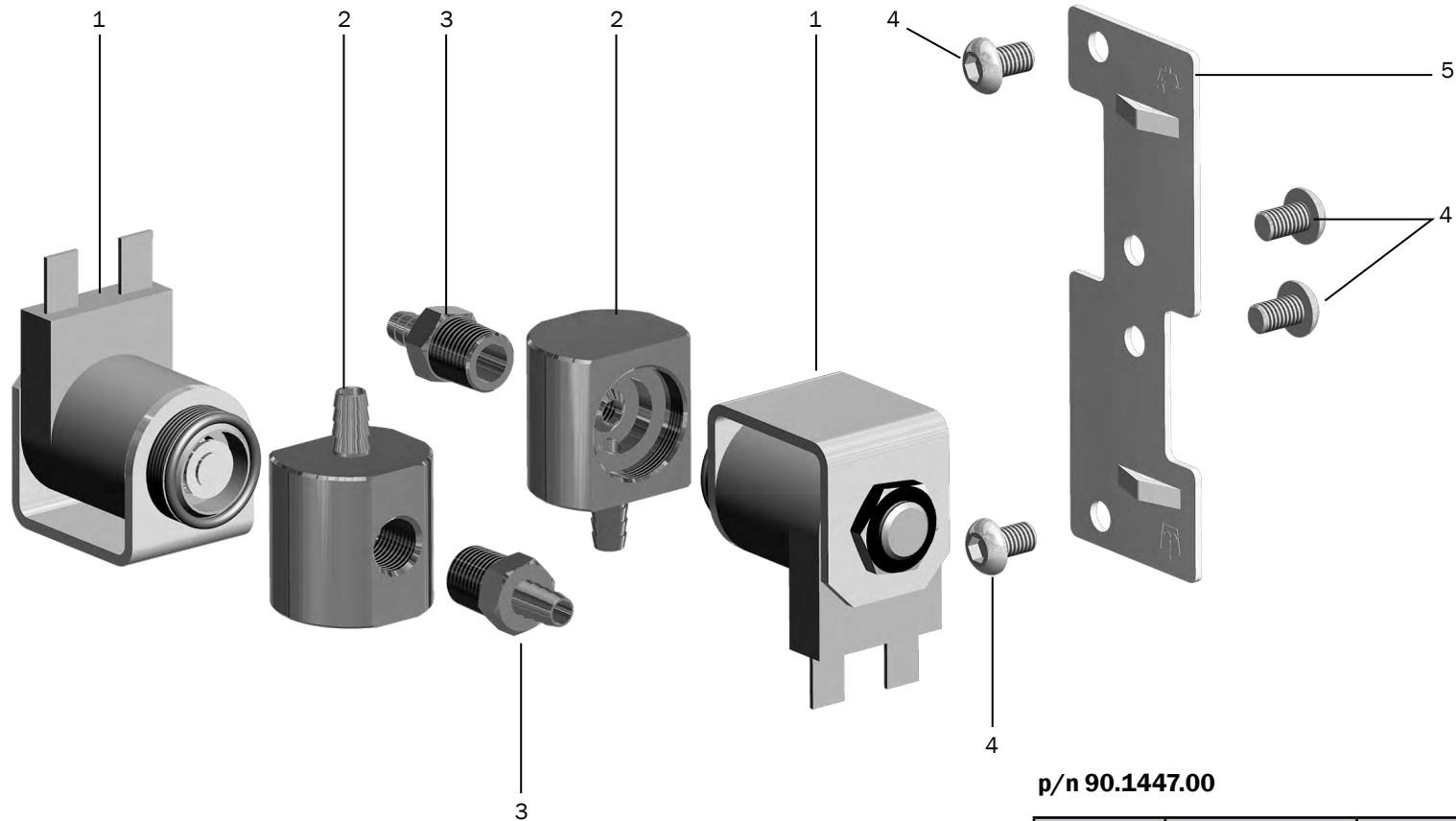
Cuspidor Cupfill/Bowl Rinse Manifold (561) Before July 2013



Item	Part Number	Description
1	041.660.00	Solenoid, 24 VAC
2	023.804.00	Barb, 5/16"
3	38.1794.00 OBS	Block, fill/rinse/mix
4	75.0222.00 OBS	Stem, flow adjustment
5	002.105.00	Screw, button head socket
6	004.005.01	Washer, pkg 100
7	021.016.04	Plug, hex head, pkg 10

OBS Indicates the individual part is obsolete

Cuspidor Cupfill/Bowl Rinse Manifold (361/461/561) Effective July 2013



p/n 90.1447.00

Item	Part Number	Description
1	041.660.00	Solenoid, 24 VAC
2	38.1844.00	Manifold
3	023.804.00	5/16 x 1/8 NPT Barb
4	005.138.01	Button head socket screw
5	77.1210.00	Bracket

Replacement Kit	Items Included	Description
90.1408.00	2 - 3	Single manifold cuspidor kit

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page 93 (461)

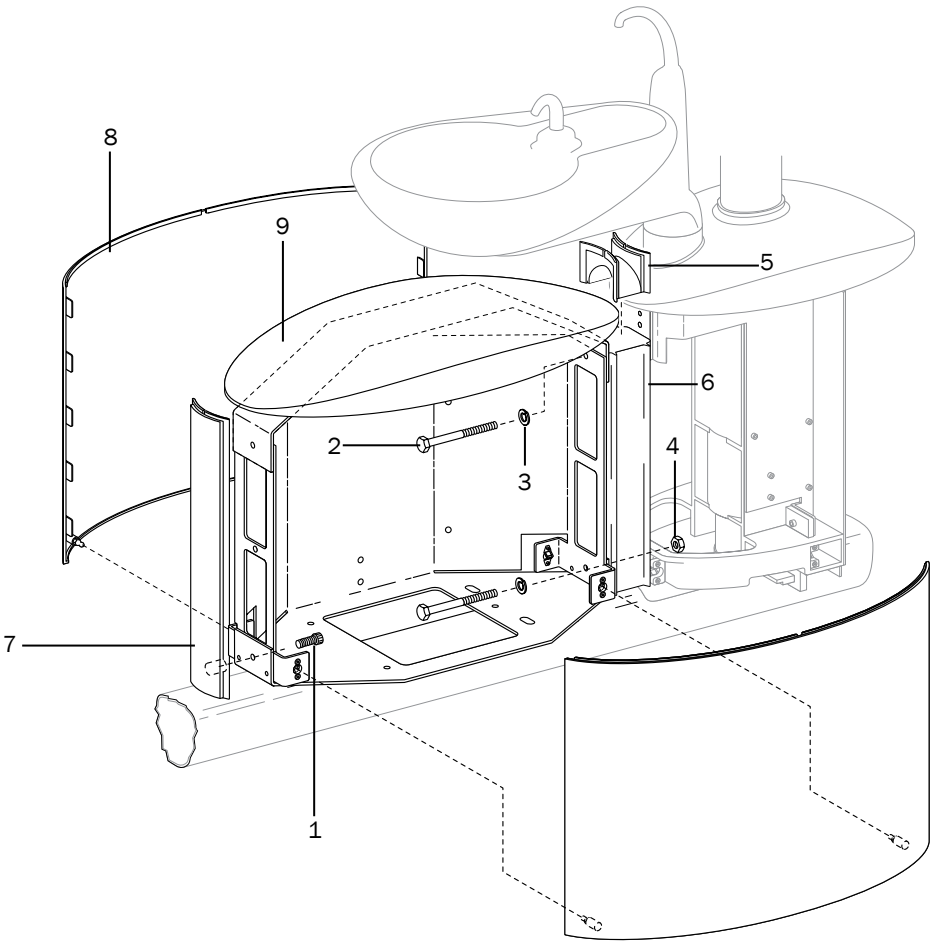
page 102 (561)

Amalgam Separator Housing (561)

Obsolete June 2010

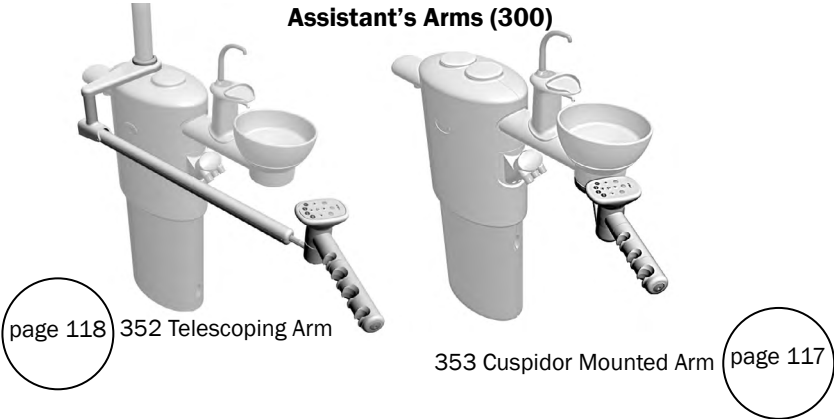
Item	Part Number	Description
1	001.089.00	Socket head screw 1/4-20 x 5/8, stainless steel
2	--	Screw, hex head, 1/4-20 x 3 1/2" stainless steel
3	004.016.00	Washer, split lock, .250 ID
4	006.052.00	Lock nut, 1/4 - 20 x 7/16 x 5/16
5	--	Cover, pod support
6	77.0221.00 OBS	Pod support
7	77.0037.00	Cover, nose, surf
8	--	Cover, side (both sides)
9	--	Cover, top

OBS Indicates the individual part is obsolete

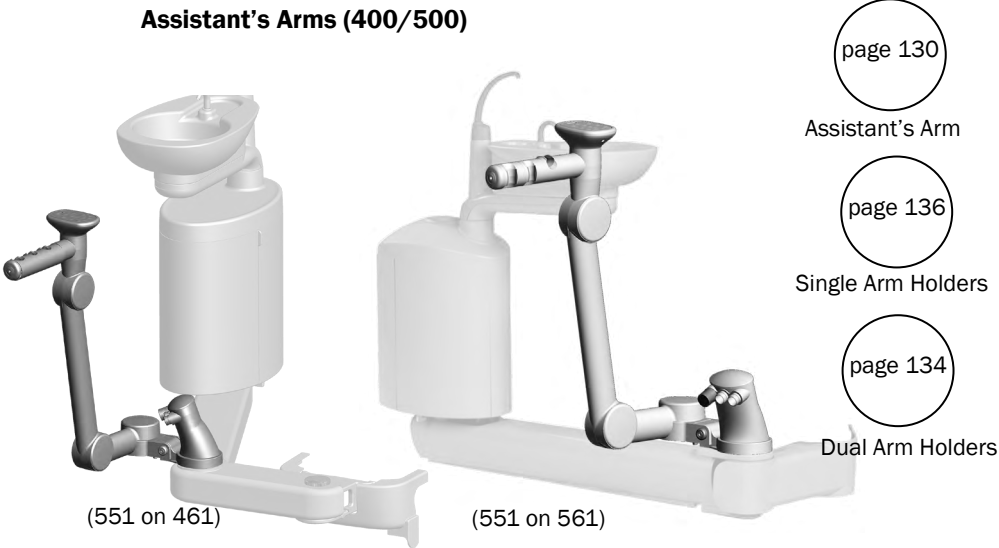


Assistant's Instrumentation

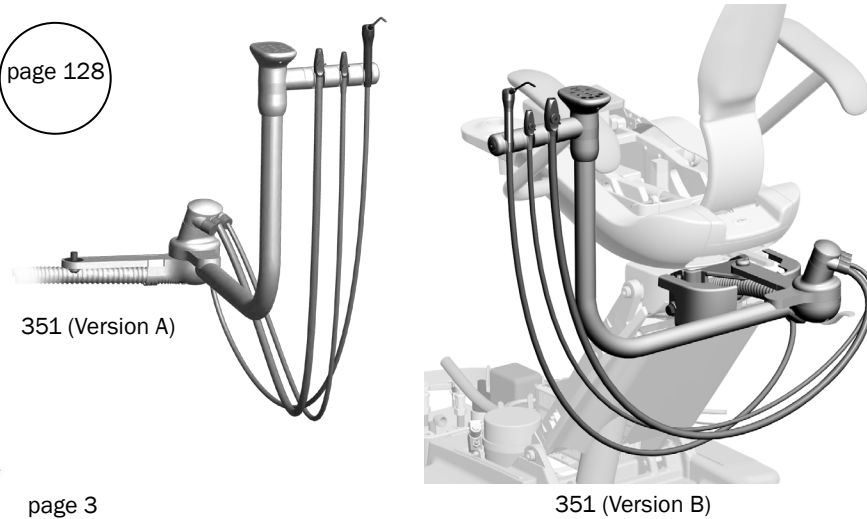
Assistant's Arms (300)



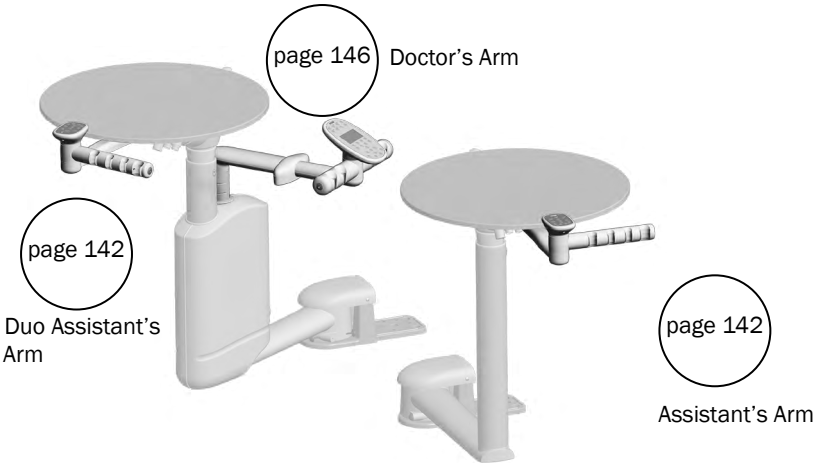
Assistant's Arms (400/500)



Model 351 (Version A and B) Back Mounted Arm

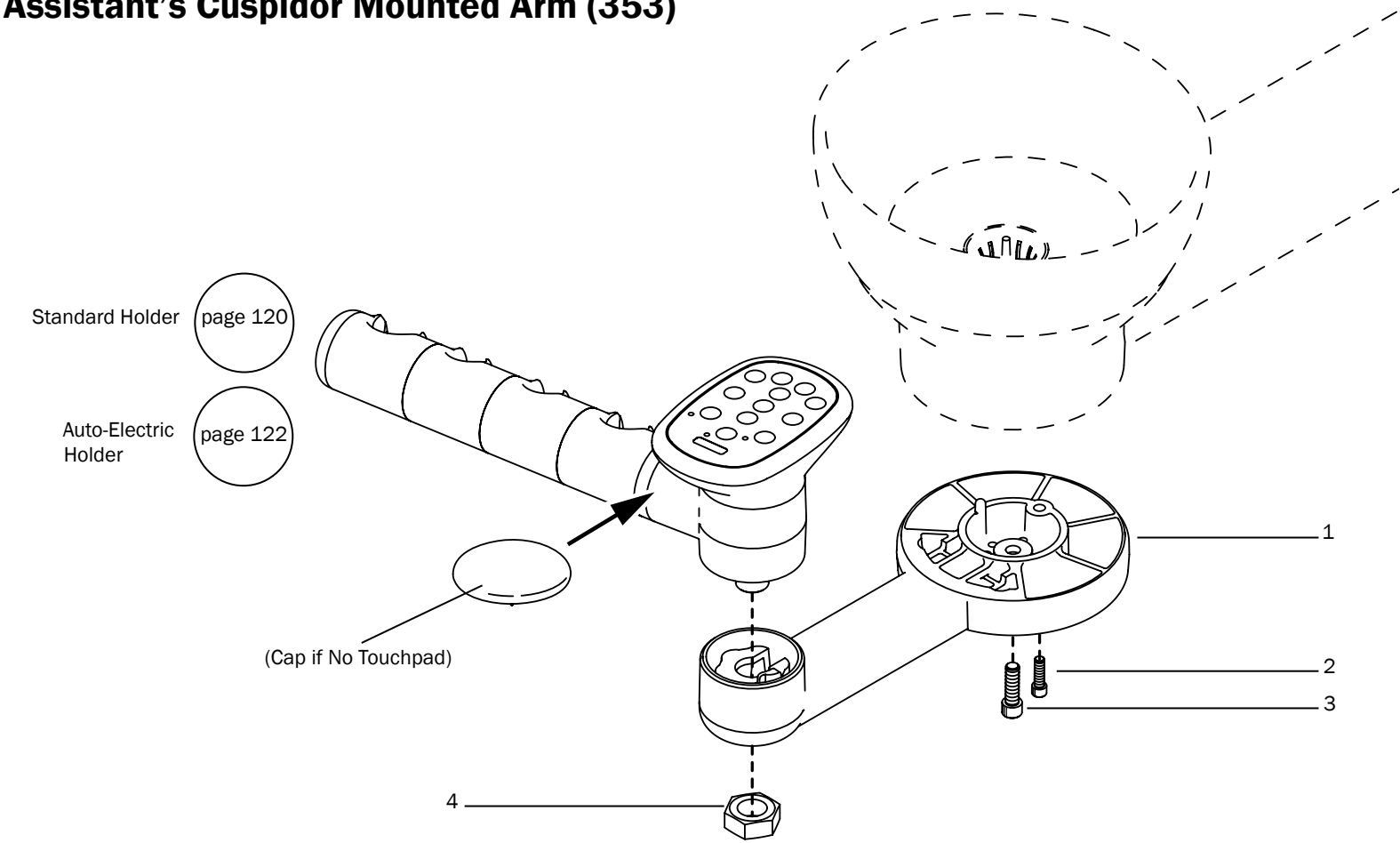


12 O'Clock Assistant's and Doctor's Arms (500)



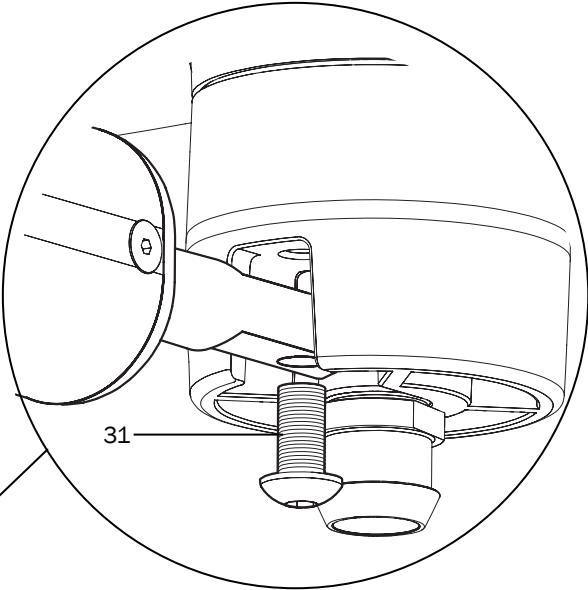
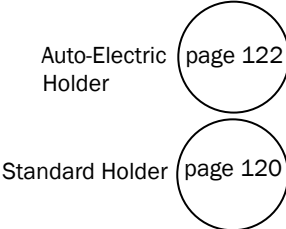
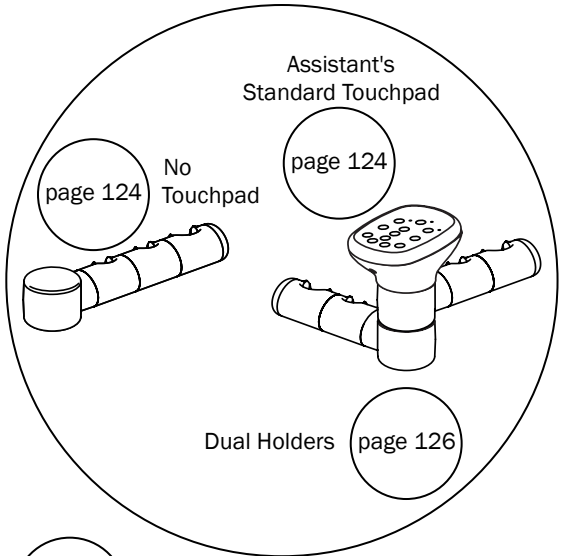
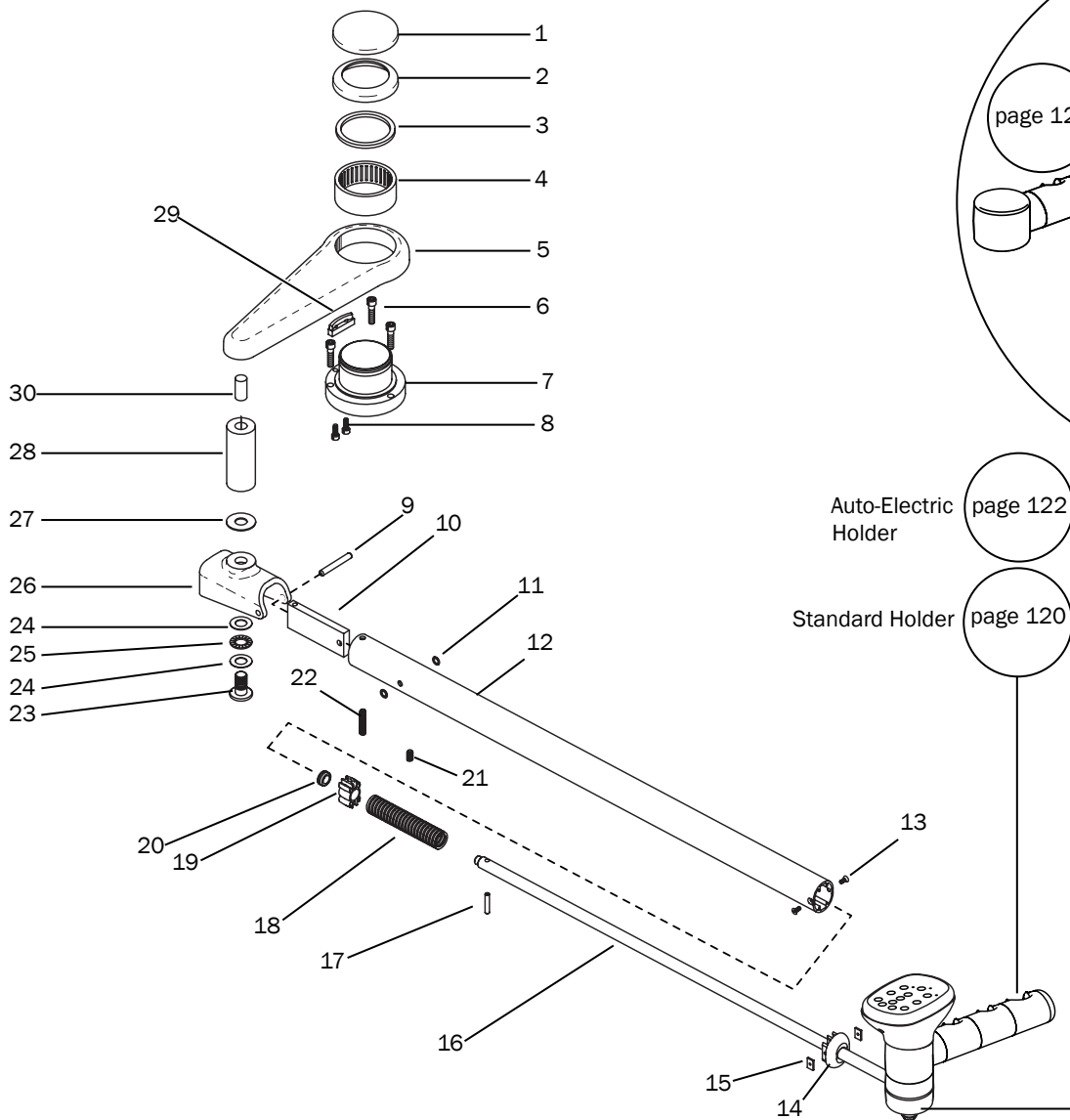
Assistant's Arms (300)

Assistant's Cuspidor Mounted Arm (353)



Item	Part Number	Description
1	77.0958.01	Casting arm, assistant holder
2	001.088.00	Screw, socket head, 10-32 x 5/8", stainless steel
3	002.120.00	Screw, socket head, 1/4 - 20 x 1", stainless steel
4	006.121.00	Nut, hex jam, 5/8 - 18 grade 5

Assistant's Telescoping Mounted Arm (352)



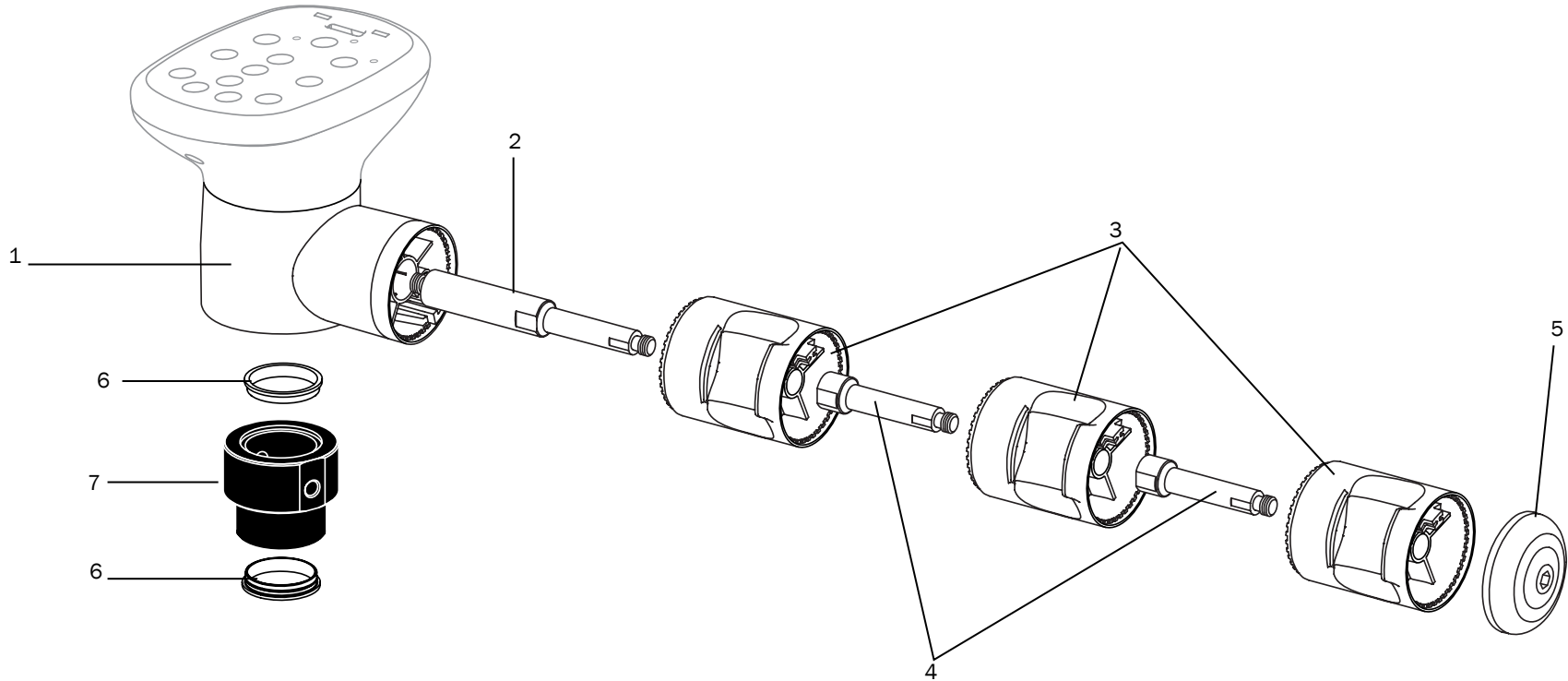
Assistant's Telescoping Mounted Arm (352)

Item	Part Number	Description
1	77.0878.00	Cover, assistant's arm (without delivery system)
2	77.0877.00	Trim ring, assistant's arm, 2" post (without delivery system)
3	010.059.01	Retaining ring with bag
4	016.105.00	Bearing, roller
5	75.0015.01	Assistant's mounting arm
6	002.120.00	Screw, socket head, 1/4 - 20 X 1"
7	77.0828.00	Assistant's arm mounting hub
8	002.135.00	Screws, socket head, 10-32 x 1/2"
9	12.0948.00	Pivot pin
10	12.0947.00	Support pin
11	004.139.00	Flat nylon washer
12	12.0945.01	Housing
13	001.198.00	Screw, flat head socket, 6 - 32 X 3/8"
14	006.040.00	Retainer nut
15	75.0019.01	End cap
16	12.0946.00	Rod
17	011.099.00	PIN dowel, .187 diameter X 1.00 LG
18	024.152.01	Tubing, Convolute, Surf 4, 5/8 ID - 4" long
19	75.0018.00	Slide
20	018.005.00	Grommet, 1/4 ID X .38 groove
21	007.025.00	Set Screw, 1/4 - 20 X 1-1/4" Cup Point
22	007.049.00	Set screw, 1/4- 20 X 1/2"
23	35.0153.00	Socket shoulder screws, 1/2 - 20 X 5/16 X .95
24	004.136.00	Thrust bearing washer, quantity of 2
25	016.033.00	Thrust bearing needle
26	12.0950.01	Bracket
27	12.0955.00	Flat delrin washer
28	77.0829.00	Arm extension
29	75.0127.00	Stop, asst arm
30	007.161.00	Screw, 1/2 - 20 X 1"
31	001.130.01	Screw , 1/4 - 20 x 1/2

Replacement Kit	Items Included	Description
75.1103.00	4-5, 9-28, 30	Mounting arm assembly



Standard Assistant's Holder (300)

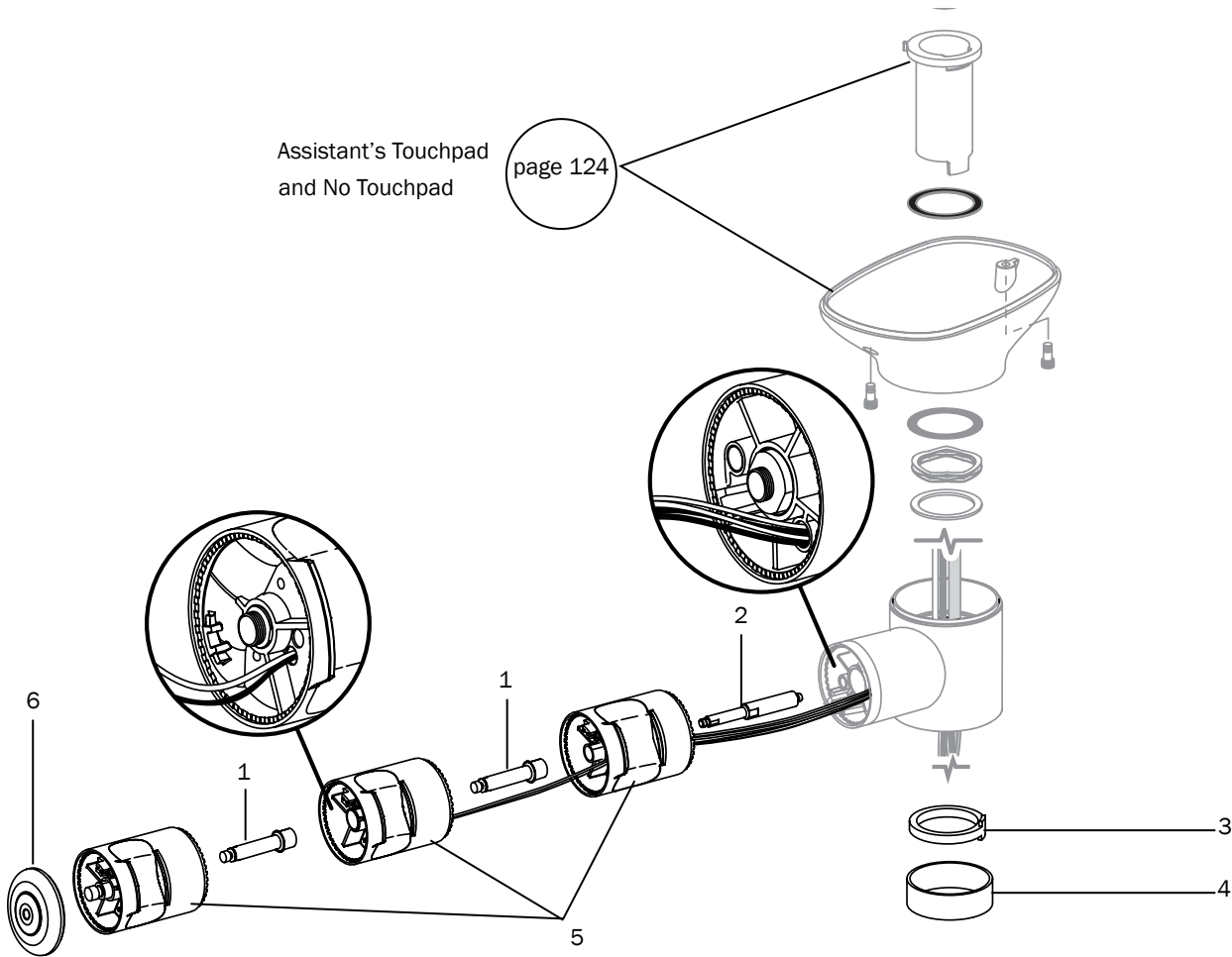


Standard Assistant's Holder (300)

Item	Part Number	Description
1	99.0649.01	Turret
2	99.0701.00	Turret axle, assistant's arm
3	99.0653.03 99.0650.03 99.0652.03	Holder, SE/Syringe kit, White 2, 9 mm Holder, standard HVE kit, White 2, 11 mm Holder, assistant's HVE kit, White 2, 15 mm
4	99.0660.00	Axle
5	90.1216.00	End cap assembly kit
6	99.0698.00	Bearing
7	99.0699.00	Inner hub assistant's arm



Assistant's Auto-Electric Holder (300)

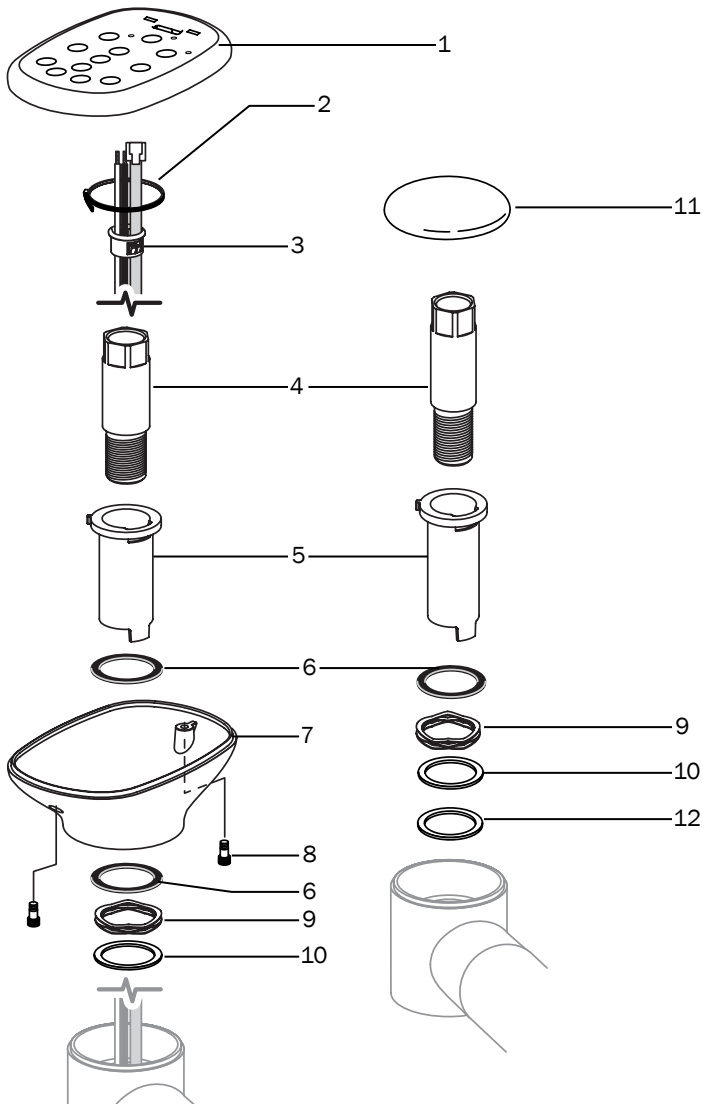


Assistant's Auto-Electric Holder (300)

Item	Part Number	Description
1	99.0660.00	Axle
2	99.0701.00	Turret, axle, assistant's arm
3	77.1147.00	Stop, turret rotation, assistant's arm (telescoping arm only)
4	99.0687.00	Sleeve, wire, assistant's arm (telescoping arm only)
5	99.0739.01	Auto-electric holder, SE/syringe, white 2, 9 mm
	99.0740.01	Auto-electric holder, HVE, white 2, 11 mm
	99.0738.01	Auto-electric holder, HVE, white 2, 15 mm
6	90.1216.00	End cap assembly kit



Assistant's Touchpad and No Touchpad (300)

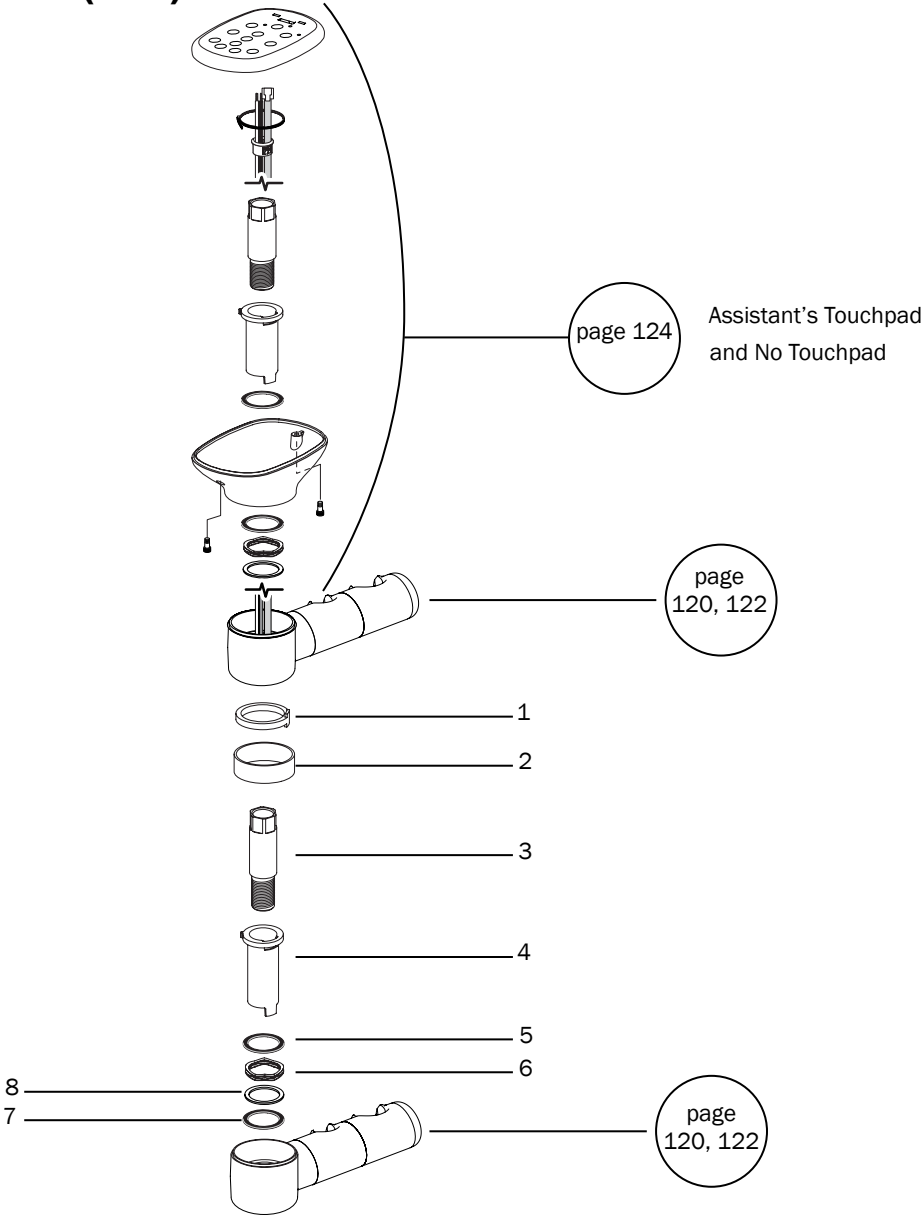


Assistant's Touchpad and No Touchpad (300)

Item	Part Number	Description
1	90.1078.01	Standard touchpad cover with circuit board
2	025.002.01	Cable tie
3	041.663.00	Cable bushing
4	77.0123.00	Bolt
5	99.0651.00	Spline
6	004.173.00	Washer, Nylatron
7	77.0335.01	Touchpad base
8	003.078.00	Screw, socket head, 4-40 x 1/4"
9	004.237.00	Washer, wave
10	004.060.00	Washer
11	77.0413.01	Cap
12	77.1024.00	Spacer, .875 ID x 1"



Assistant's Telescoping Dual Holders (300)



Assistant's Telescoping Dual Holders (300)

Item	Part Number	Description
1	77.0385.00	Turret rotation stop
2	99.0687.00	Sleeve, wire, assistant's arm (telescoping arm only)
3	77.0123.00	Bolt
4	99.0651.00	Spline
5	004.173.00	Nylatron washer
6	004.237.00	Wave washer
7	77.0124.00	Spacer
8	004.060.00	Washer



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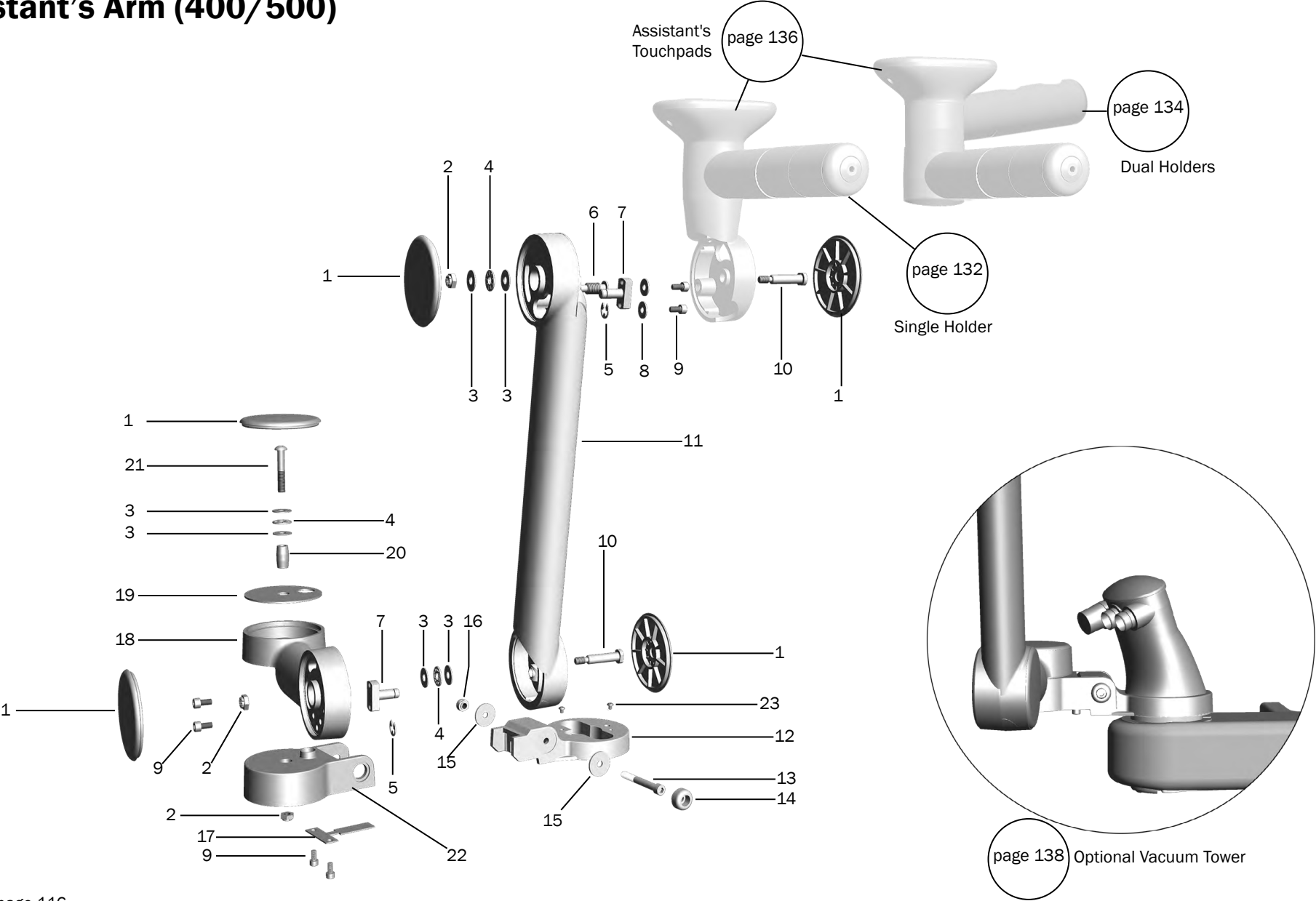
Assistant's Instrumentation (351)

Item	Part Number	Description
1	77.0254.03	Vacuum tower cap
2	11.1284.01	Solid collector screen, pkg of 10
3	030.035.02	O-ring, pkg of 10
4	77.0453.01	Assistant's vacuum connector with O-ring (Item 3)
5	77.1049.01	Turret adaptor
6	034.018.02	O-ring, pkg of 10
7	11.1280.02	QD cap with O-ring (Item 6)
8	77.1047.00	Vacuum canister with O-ring (Item 9)
9	035.060.00	O-ring
10	016.133.00	Thrust bearing
11	016.098.00	Bearing thrust
12	016.074.00	Bearing sleeve
13	004.171.00	Washer, thrust
14	004.249.00	Washer, flat nylatron
15	004.240.00	Washer, flat stl
16	77.1110.00	Bolt, soc shoulder
17	001.163.00	Screw, hex hd cap, 1/2 - 13 x 1 1/4
18	001.097.00	Screw, pan, 6 - 32 x 3/8
19	002.160.00	Socket head screw, 5/6-18 x 1-1/4
20	004.009.00	Washer, split lock
21	77.1067.00	Umbilical cover
22	013.132.00	Spring
23	022.099.01	Elbow
24	035.053.01	O-ring, pkg of 10
25	022.092.01	Female connector
26	024.210.02	PVC pipe
27	022.090.00	Retainer clips
28	77.1058.00	Cover, umbilical
29	77.1046.00	Umbilical plate
30	77.1050.00	Link arm
31	62.0651.00	Lift arm cover

Replacement Kit	Items Included	Description
90.1280.00	1 -4, 6-9, 22,23	Vac tower kit, 300 Radius



Assistant's Arm (400/500)



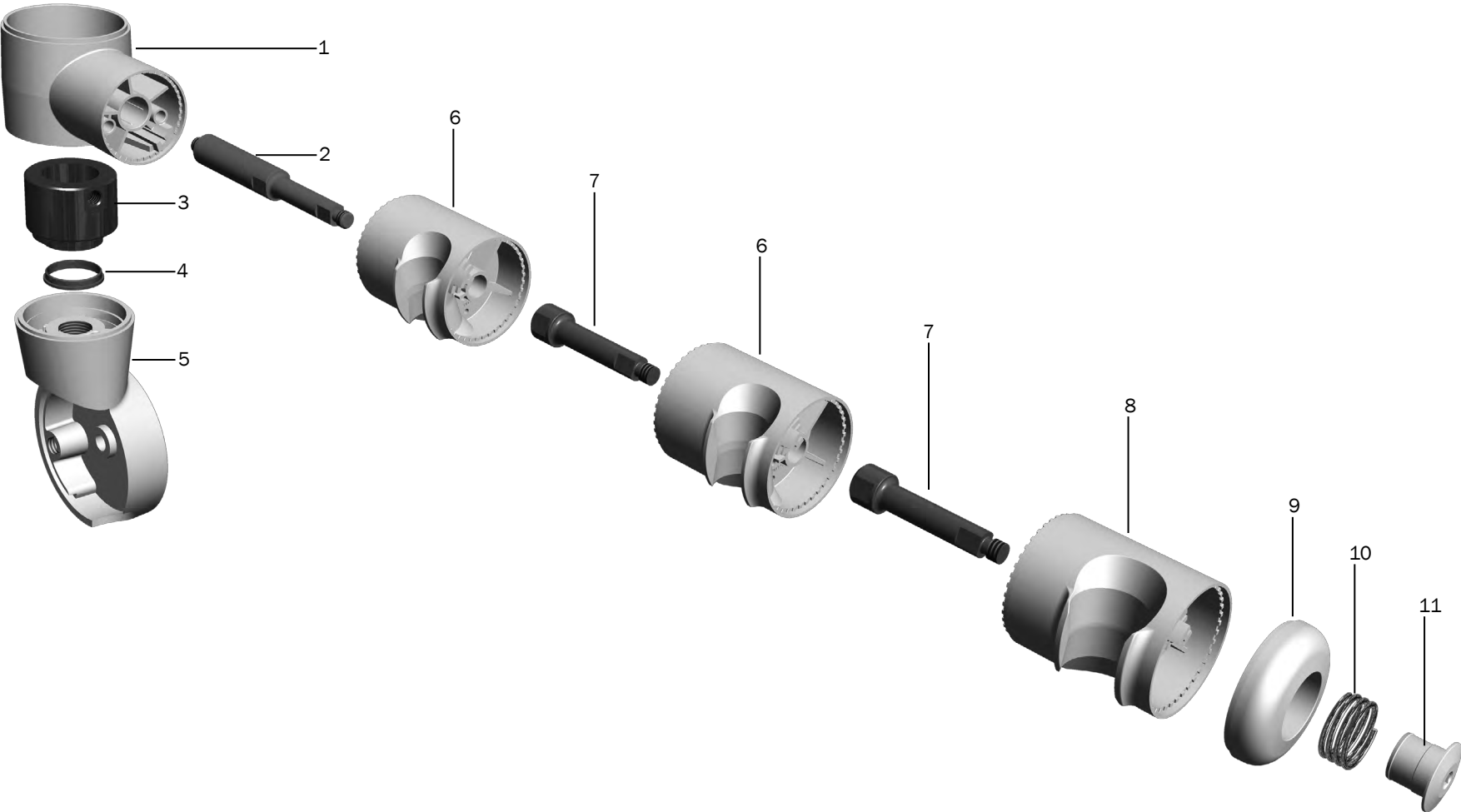
Assistant's Arm (400/500)

Item	Part Number	Description
1	77.0021.00 77.0021.02	Cap, surf Cap, white
2	006.147.00	Nut
3	016.053.00	Thrust washer
4	016.054.00	Needle bearing
5	010.053.00	Retaining ring
6	77.0242.00	Shear pin
7	77.0138.00	Parallel adjustment pin
8	004.197.00	Washer
9	002.130.00	Socket head screw, 10-32 X 3/8
10	77.0134.00	Shoulder bolt
11	77.0165.01 77.0165.02	Vertical assistant's arm, surf Vertical assistant's arm, white
12	77.0131.00 77.0131.01	Mount link, surf Mount link, white
13	001.084.00	Socket head screw, 1/4-20 X 2-1/4
14	77.0393.00	Capscrew cup
15	77.0128.00	Friction washer
16	77.0334.00	Special nut
17	77.0264.00	Tubing bracket
18	77.0013.01 77.0013.02	Rigid link, surf Rigid link, white
19	77.0126.00	Washer
20	77.0245.00	Sleeve bearing
21	001.112.03	Button head socket screw, 1/4-20 X 1-1/2
22	77.0127.01	Tip-up link arm
23	005.160.00	Screw, btn head soc, 1/2 - 13x3/4

Replacement Kit	Items Included	Description
77.0704.00 77.0704.01 77.0705.00 77.0705.01	1 - 11, 18 - 22	Replacement arm, short, surf Replacement arm, short, white Replacement arm, long, surf Replacement arm, long, white



Assistant's Single Holder Arm (400/500)

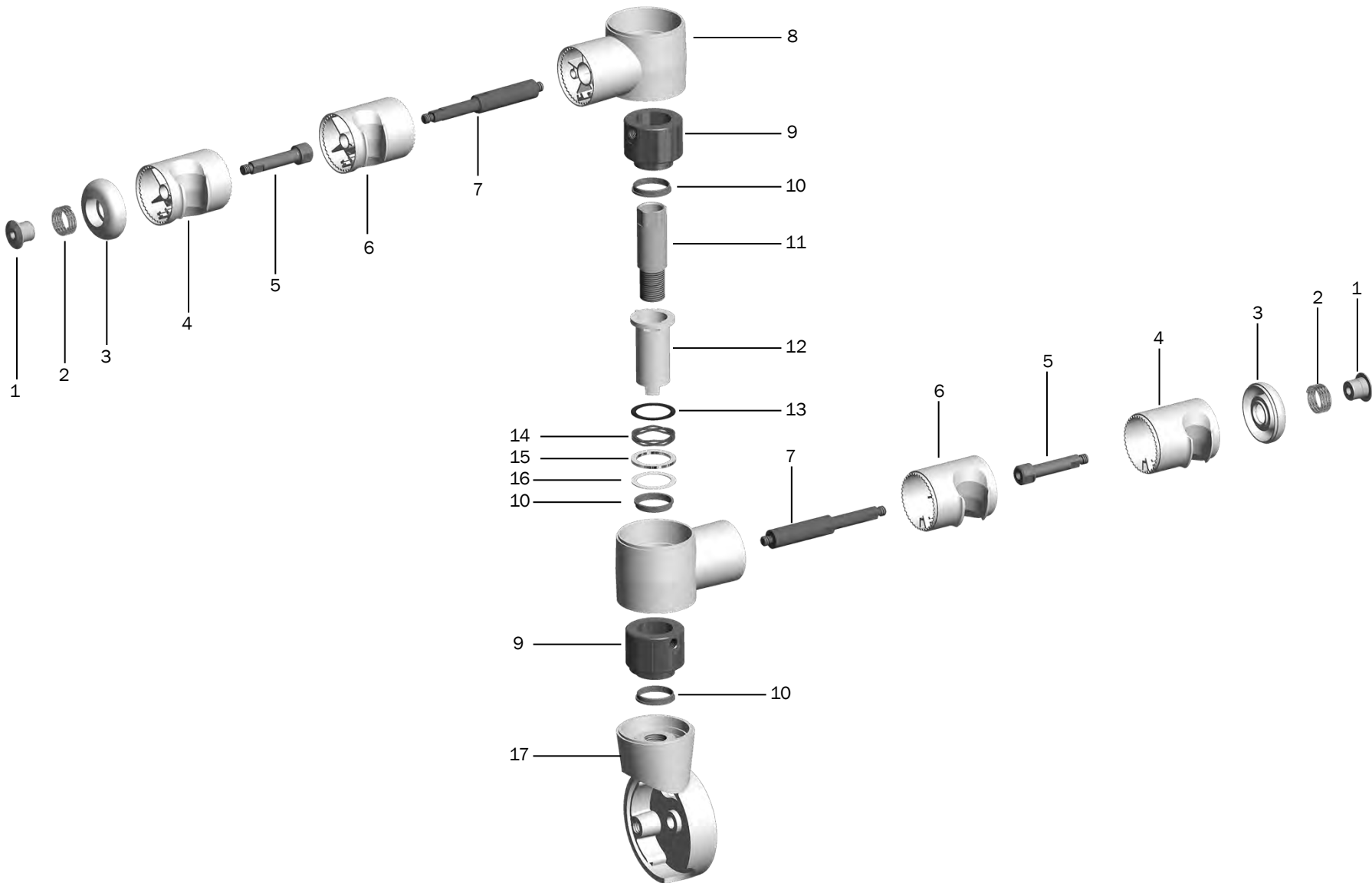


Assistant's Single Holder Arm (400/500)

Item	Part Number	Description
1	99.0649.00	Holder turret, surf
	99.0649.01	Holder turret, white
2	99.0701.00	Turret axle
3	99.0699.00	Inner hub
4	99.0698.00	Bearing
5	77.0125.01	Mount, surf 4
	77.0125.02	Mount, white 2
6	99.0653.01	Saliva ejector/syringe holder kit, surf
	99.0653.03	Saliva ejector/syringe holder kit, white
7	99.0660.00	Axle
8	99.0650.01	11 mm Standard HVE kit, surf
	99.0650.03	11 mm Standard HVE kit, white
9	99.0648.01	End cap assembly
10	013.011.00	Compression spring
11	99.0659.00	Nut



Assistant's Dual Holder Arm (400/500)

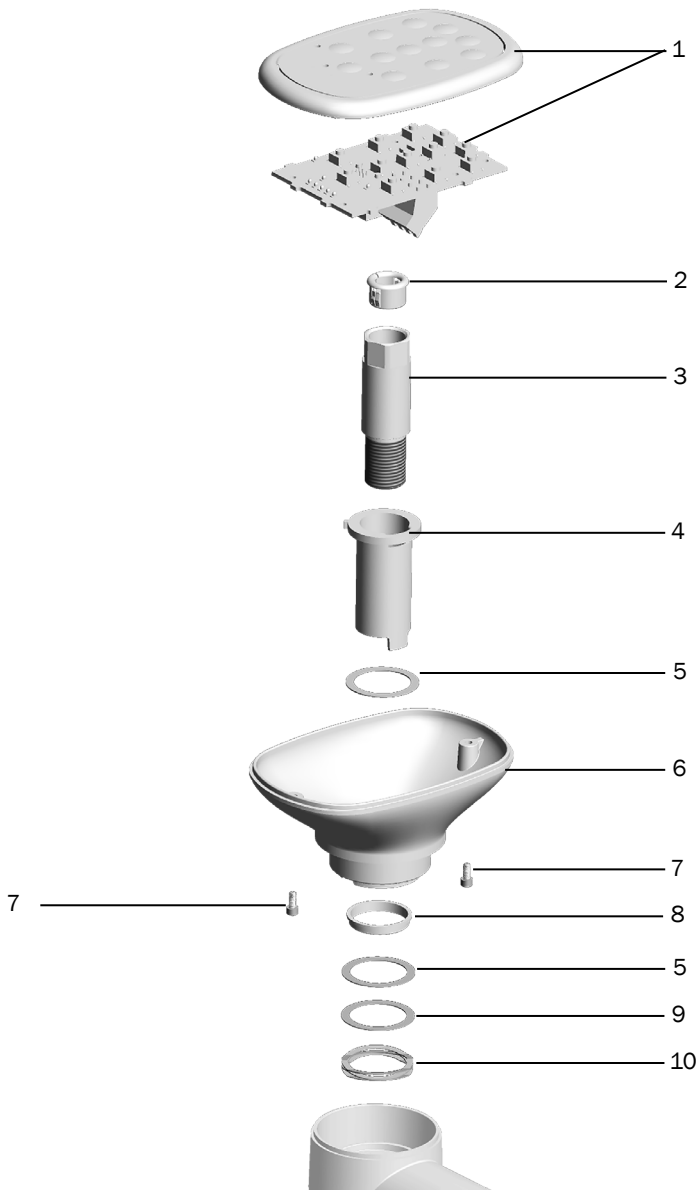


Assistant's Dual Holder Arm (400/500)

Item	Part Number	Description
1	99.0659.00	Nut
2	013.011.00	Compression spring
3	99.0648.01	End cap assembly (includes items 1, 2, 3)
4	99.0650.03 99.0650.01	11 mm Standard HVE kit, white 11 mm Standard HVE kit, surf
5	99.0660.00	Axle
6	99.0653.01 99.0653.03	Saliva ejector/syringe holder kit, surf Saliva ejector/syringe holder kit, white
7	99.0701.00	Turret axle
8	99.0649.01 99.0649.00	Holder turret, white Holder turret, surf
9	99.0699.00	Inner hub
10	99.0698.00	Bearing
11	77.0123.00	Pass thru bolt
12	99.0651.00	Spline
13	004.173.00	Washer
14	004.237.00	Wave washer
15	77.0124.00	Spacer
16	004.060.00	Washer
17	77.0125.02 77.0125.01	Mount, white Mount, surf



Assistant's Arm Touchpad (400/500)

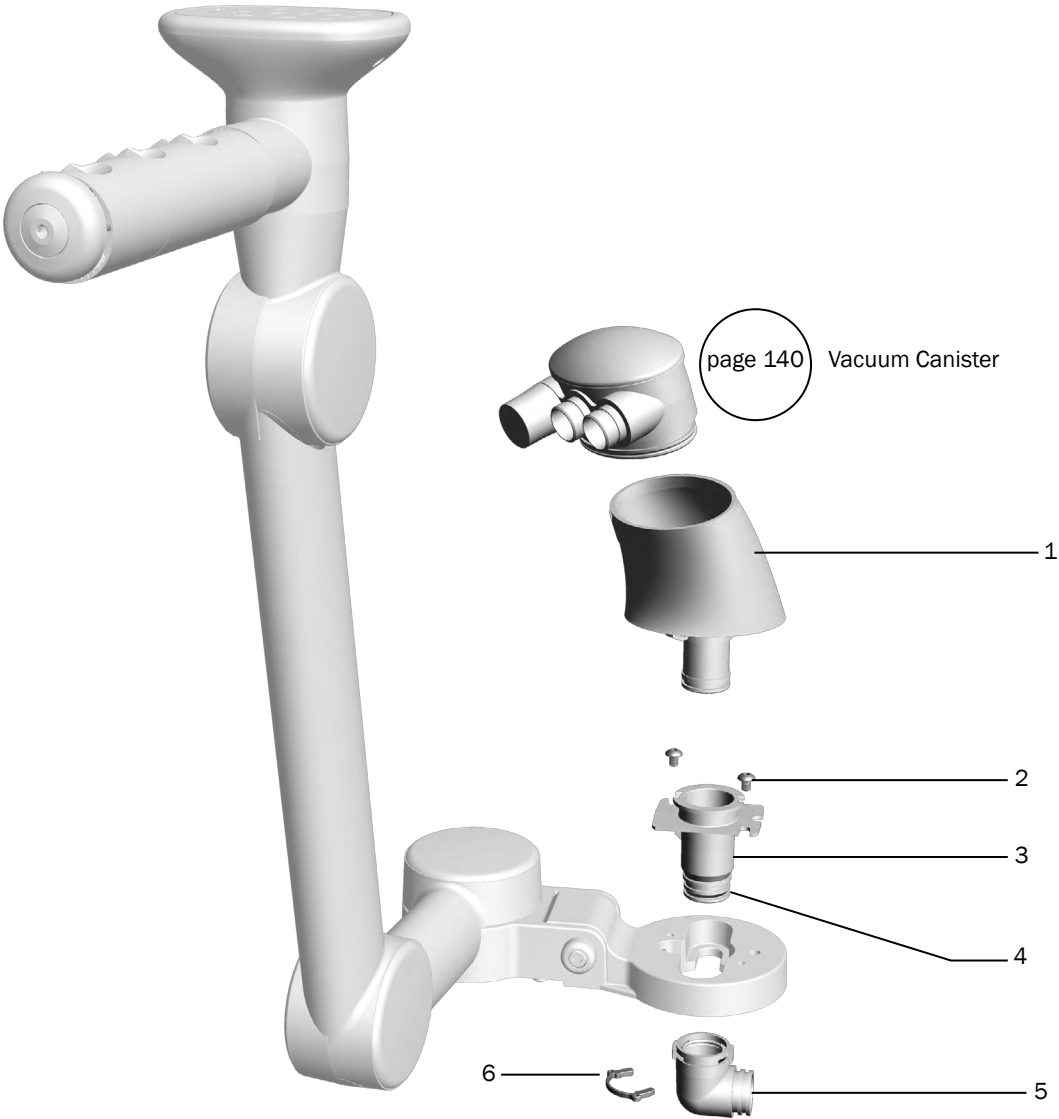


Assistant's Arm Touchpad (400/500)

Item	Part Number	Description
1	90.1440.00	Touchpad cover without circuit board
	90.1078.00	Touchpad cover with circuit board
2	041.663.00	Cable bushing
3	77.0123.00	Pass through bolt
4	99.0651.00	Spline
5	004.173.00	Washer
6	77.0335.00	Touchpad base, surf
	77.0335.01	Touchpad base, white
7	003.078.00	Socket head 4-40 X 1/4 screw
8	99.0698.00	Inner hub bearing
9	004.060.00	Washer
10	004.237.00	Washer, wave spr



Assistant's Vacuum Tower (400/500)



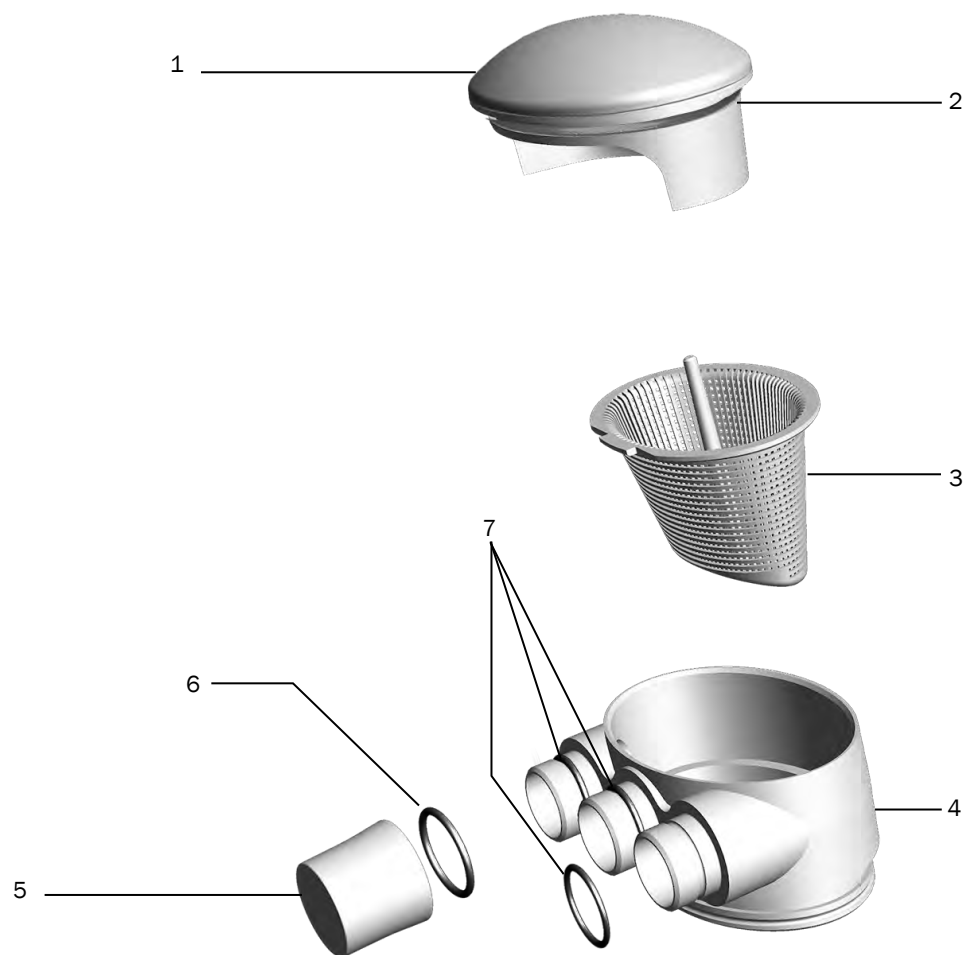
Assistant's Vacuum Tower (400/500)

Item	Part Number	Description
1	77.0362.03	Base with funnel, white
	77.0362.01	Base with funnel, surf
2	002.094.02	Screw, 10 - 32 x 1/4
3		for use with A-dec 500 support link:
	77.0121.01	Vacuum pipe, assistants arm, surf 4 (561)
	77.0121.03	Vacuum pipe, assistants arm, white 2 (561)
		for use with A-dec 400 support link
	77.1219.00	Vacuum pipe, assistants arm (461)
4	035.053.01 *	O-ring, pkg of 10
5	022.099.01	Vacuum connector
6	022.090.00	Retainer clip

* 035.053.01 is part of 77.0121.01/77.0121.03



Assistant's Vacuum Canister (400/500)



Assistant's Vacuum Canister (400/500)

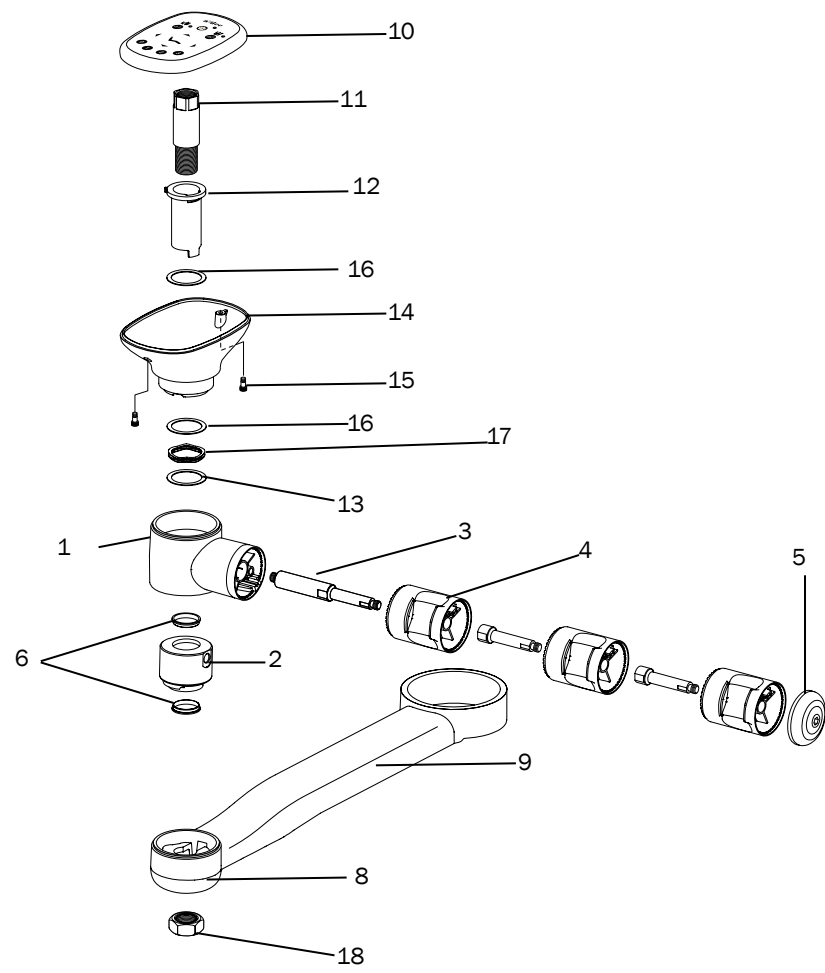
Item	Part Number	Description
1	77.0254.01	Cap kit with O-ring, surf
	77.0254.03	Cap kit with O-ring, white
2	030.035.00	O-ring, pkg 10
3	11.1284.01	Solids trap screen, pkg 10
4	77.0453.00	Tri-vacuum connector with O-ring, surf
	77.0453.01	Tri-vacuum connector, white
5	11.1280.01	Cap, with O-ring surf
	11.1280.02	Cap with O-ring, gray
6	034.018.02	O-ring, pkg of 10
7	035.061.00	O-ring



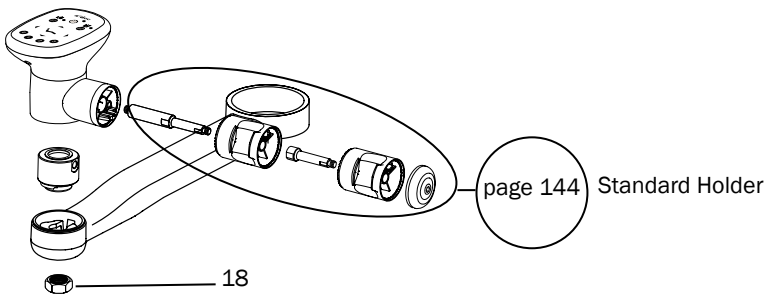
12 O'Clock Assistant's and Doctor's Arms (500)

Assistant's Electric Holder Arm and Touchpad Options (541/545)

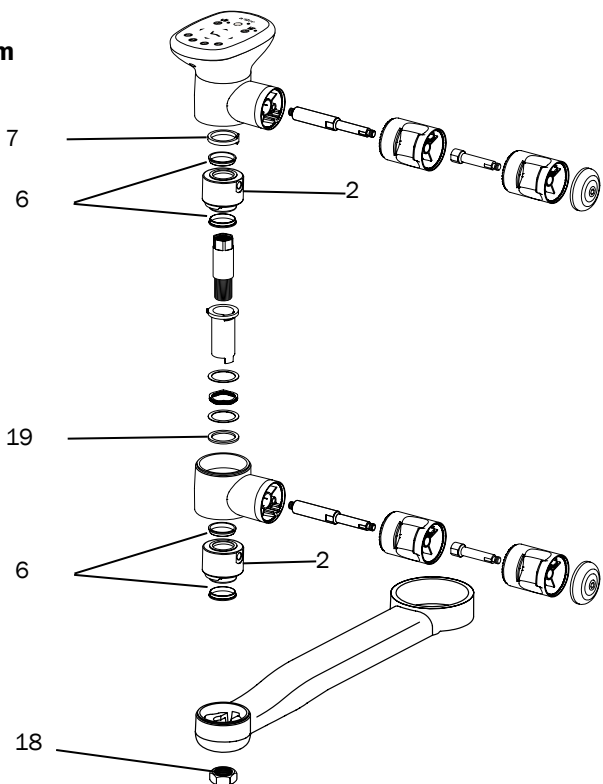
Doctor's Arm



Assistant's Arm



Duo Arm

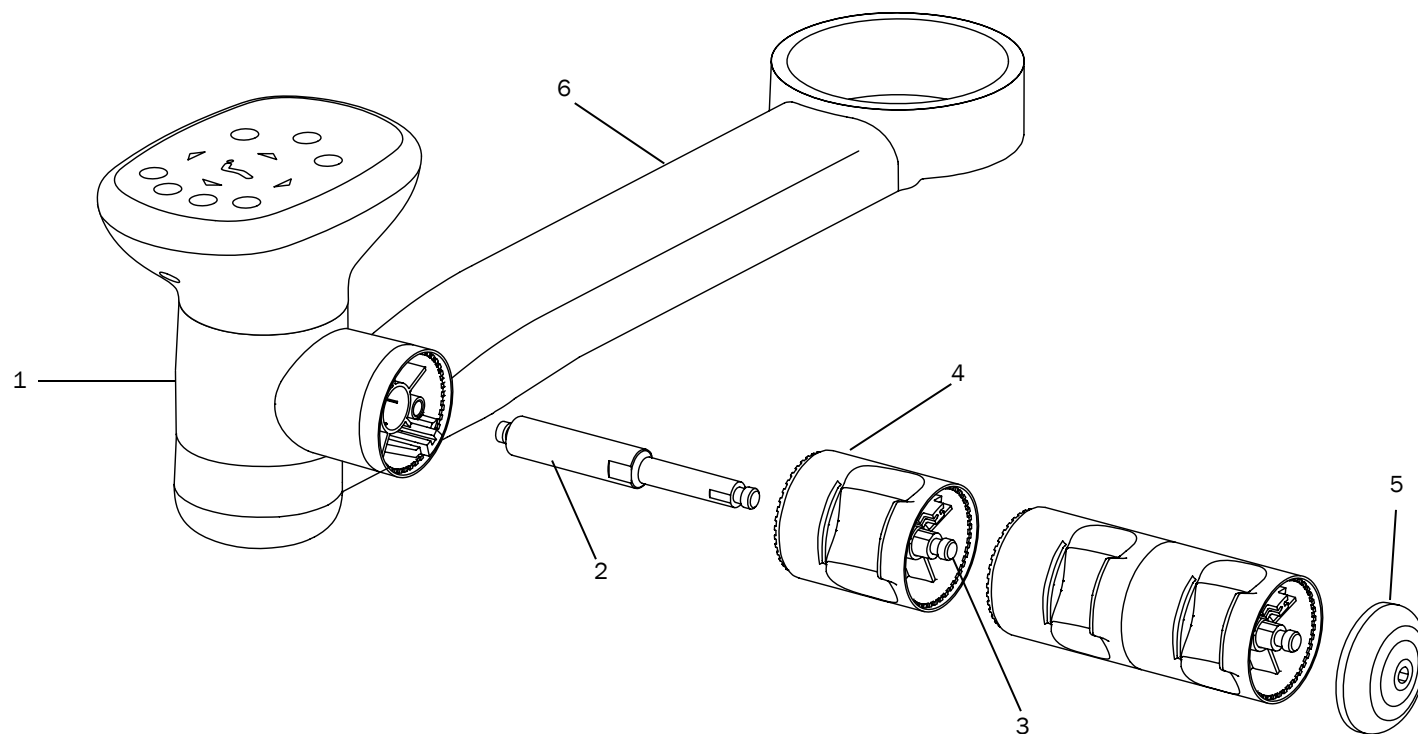


Assistant's Electric Holder Arm and Touchpad Options (541/545)

Item	Part Number	Description
1	99.0649.01	Turret, holder, assistant's arm, white
	99.0649.00	Turret, holder, assistant's arm, surf
2	99.0699.00	Inner hub, assistant's arm
3	99.0701.00	Turret axle, assistant's arm
4	99.0739.01	Holder, SE electric holder kit, white
	99.0673.01	Holder, SE electric holder kit, surf
	99.0740.01	Holder, HVE electric holder kit, white
	99.0674.01	Holder, HVE electric holder kit, surf
	99.0738.01	Holder, 15 mm HVE electric holder kit, white
	99.0675.01	Holder, 15 mm HVE electric holder kit, surf
5	90.1216.00	End cap, holder assembly, assistant's arm, white
	99.0648.01	End cap, holder assembly, assistant's arm, surf
6	99.0698.00	Bearing, inner hub, assistant's arm
7	77.0385.00	Stop (only with dual holders), turret rotation
8	77.0125.02	Head mount, assistant's arm, white
	77.0125.01	Head mount, assistant's arm, surf
9	77.0485.01	Assistant's arm, white
	77.0485.00	Assistant's arm, surf
10	90.1078.01	541/545 standard touchpad cover and circuit board, white
	90.1078.00	541/545 standard touchpad cover and circuit board, surf
11	77.0123.00	Bolt, holder, turret, 1 piece
12	99.0651.00	Spline, holder assembly, assistant's arm
13	004.060.00	Washer, .875 x 1.125 x .20 thick
14	77.0335.01	Base, touchpad, assistant's arm, white
	77.0335.00	Base, touchpad, assistant's arm, surf
15	003.078.00	Screw, 4-40 x 1/4, socket head
16	004.173.00	Washer, .875 x 1.125 x .020
17	004.237.00	Washer, wave, spring, 1.125 outer diameter
18	006.121.00	Nut, hex jam, 5/8-18 Grade 5
19	77.0124.00	Spacer, .875 ID x 1.125 OD x .075 T



Standard Holder Arm (541/545)

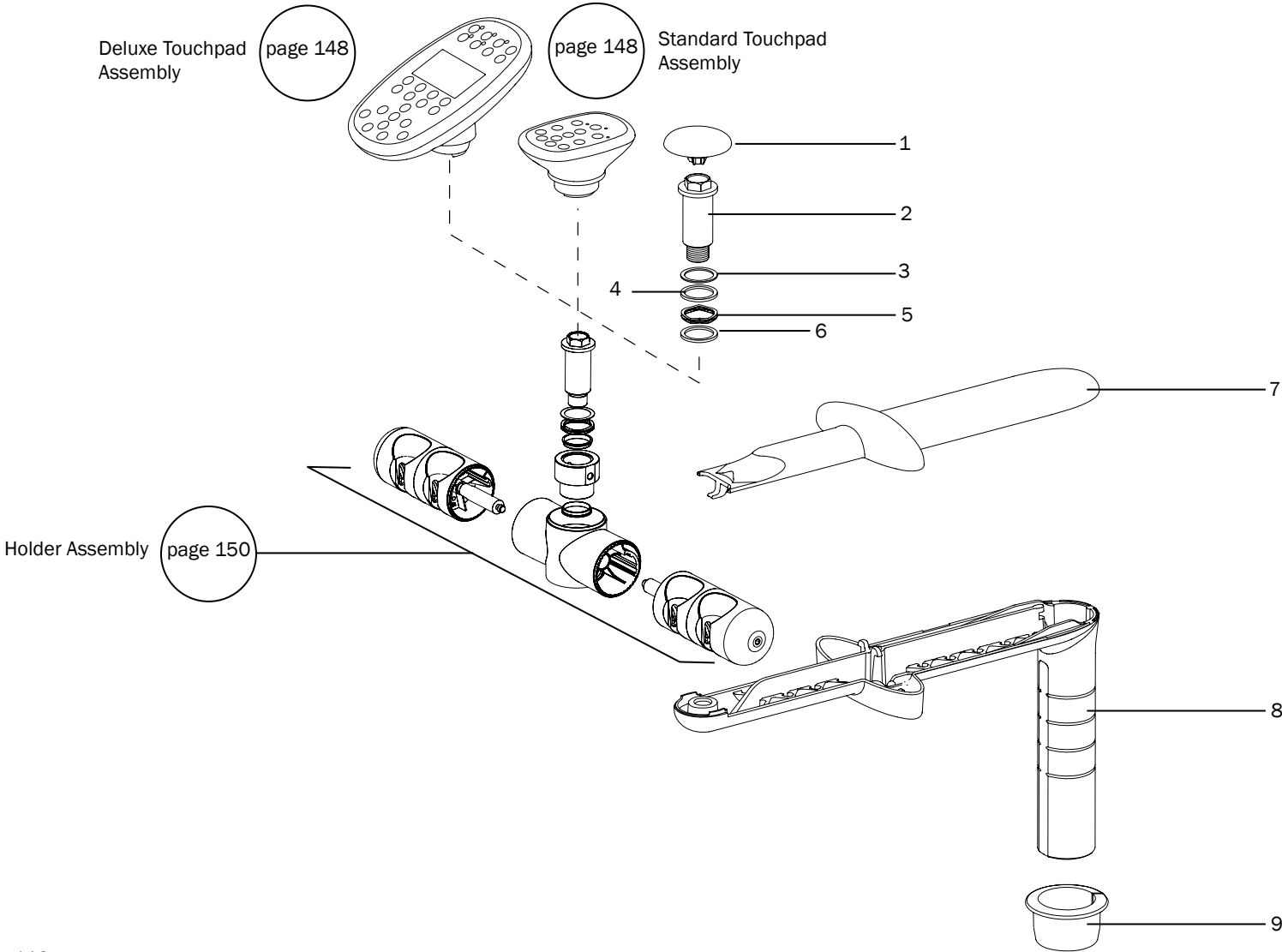


Standard Holder Arm (541/545)

Item	Part Number	Description
1	99.0649.01	Turret, holder, assistant's arm, white
	99.0649.00	Turret, holder, assistant's arm, surf
2	99.0701.00	Turret axle, assistant's arm
3	99.0660.00	Axle, holder assembly, assistant's arm — (replace with 99.0711.00)
4	99.0653.03	Holder, SE, syringe kit, white
	99.0653.01	Holder, SE, syringe kit, surf
	99.0650.03	Holder, 11 mm, HVE standard kit, white
	99.0650.01	Holder, 11 mm, HVE standard kit, surf
	99.0652.03	Holder HVE, 15 mm kit, assistant's arm, white
	99.0652.01	Holder HVE, 15 mm kit, assistant's arm, surf
5	90.1216.00	End cap, holder assembly, assistant's arm, white
	99.0648.01	End cap, holder assembly, assistant's arm, surf
6	77.0485.01	Assistant's arm, white
	77.0485.00	Assistant's arm, surf



Doctor's Holder Arm Assembly (541)

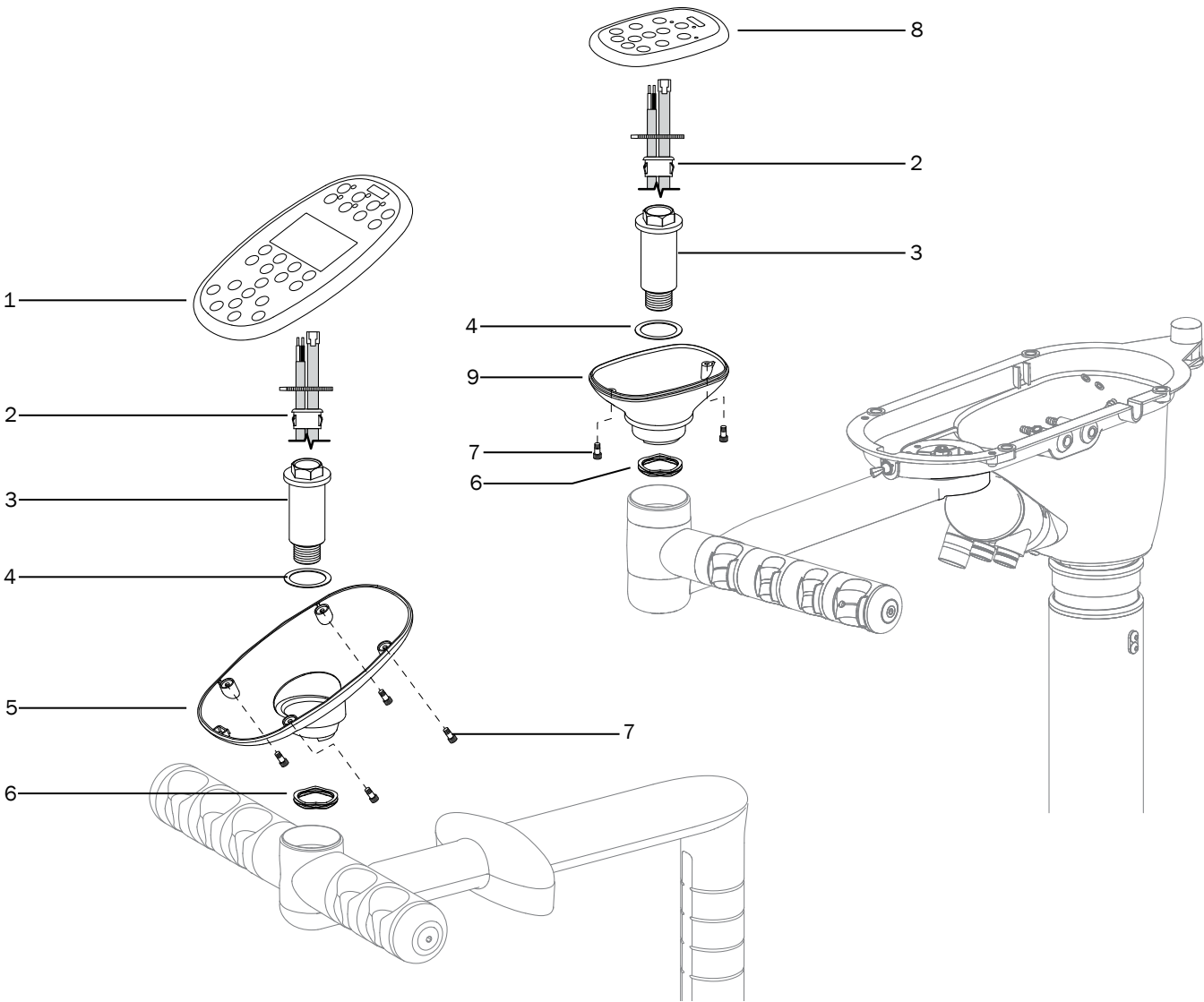


Doctor's Holder Arm Assembly (541)

Item	Part Number	Description
1	77.0413.01	Cap
2	99.0700.00	Turret bold
3	004.173.00	Washer
4	004.060.00	Washer
5	004.237.00	Wave washer
6	77.0124.00	Spacer
7	77.0452.01 77.0452.00	Top cover, white Top cover, surf
8	77.0402.01 77.0402.00	Lower arm, white Lower arm, surf
9	77.0417.01 77.0417.00	Adjustment bushing, white Adjustment bushing,surf



Doctor's Touchpad Options (541)

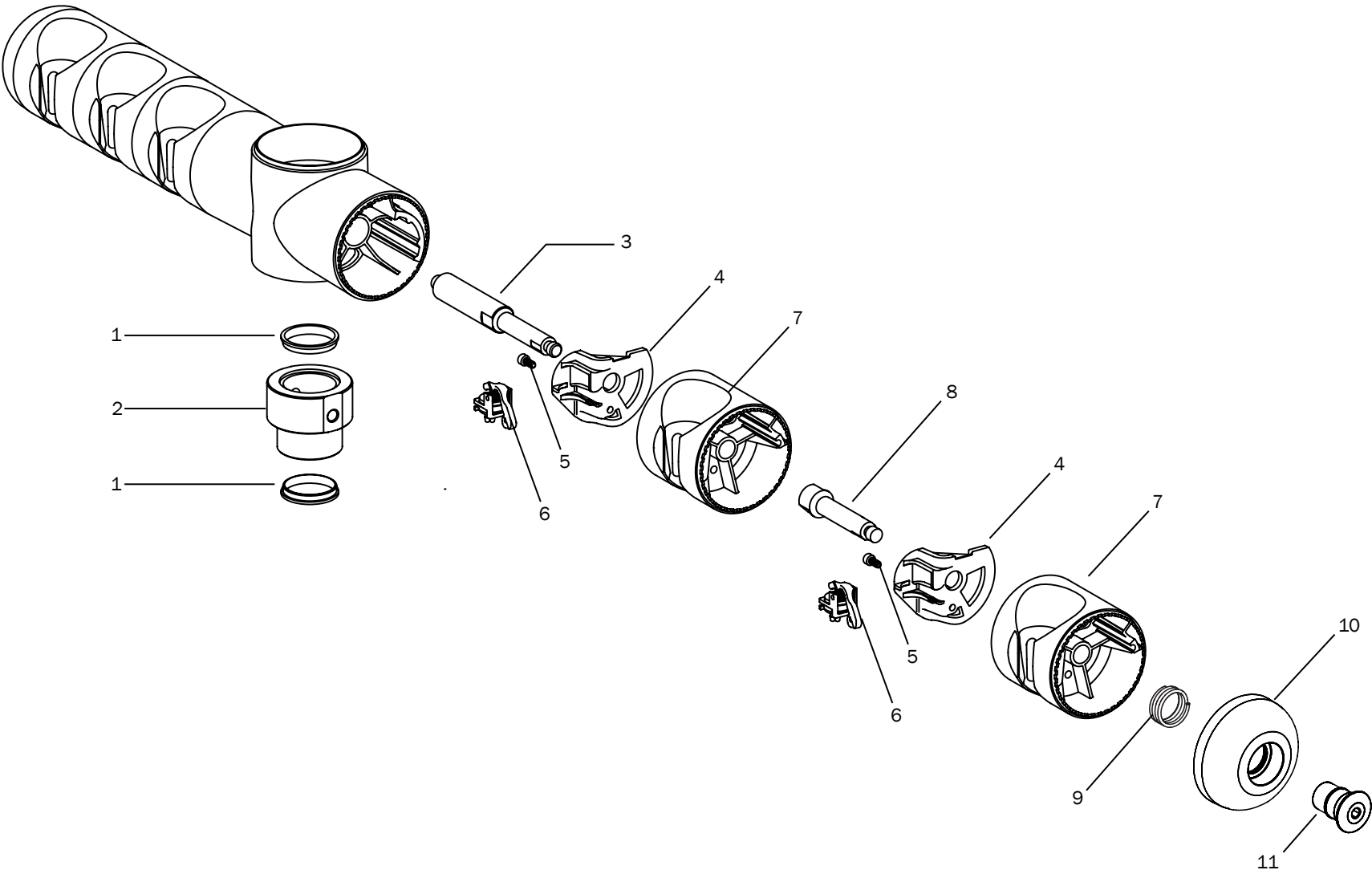


Doctor's Touchpad Options (541)

Item	Part Number	Description
1	90.1135.01	Deluxe touchpad cap with circuit board
	90.1442.00	Deluxe touchpad cap without circuit board
2	041.663.00	Cable bushing
3	99.0700.00	Turret bolt
4	004.060.00	Washer
5	77.0421.01	Deluxe touchpad base, white
	77.0421.00	Deluxe touchpad base, surf
6	004.237.00	Wave washer
7	003.078.00	Screw
8	90.1440.00	Standard touchpad cap with circuit board
	90.1078.00	Standard touchpad cap without circuit board
9	77.0335.00	Standard touchpad base, white
	77.0335.01	Standard touchpad base, surf



Doctor's 2" Holder Assembly (541)



Doctor's 2" Holder Assembly (541)

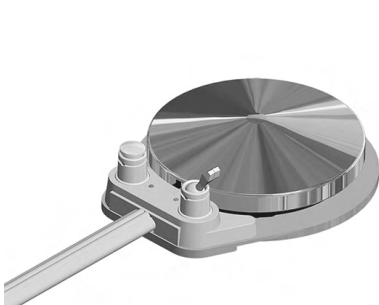
Item	Part Number	Description
1	99.0698.00	Bearing
2	99.0693.00	Hub
3	99.0701.00	Axle
4	99.0694.00	Clip
5	003.078.00	Socket head screw, 4-40 x 1/4"
6	99.0696.01	Valve assembly
7	99.0708.01 99.0708.00	SE Holder with axle, white SE Holder with axle, surf
8	99.0660.00	Axle
9	013.011.00	Spring
10	99.0710.01 99.0710.00	End cap with nut, white End cap with nut, surf
11	99.0692.00	Nut

Replacement Kit	Items Included	Description
99.0711.01 99.0711.00	4, 5, 7, 8	Holder assembly, white Holder assembly, surf



Accessories

Foot Controls

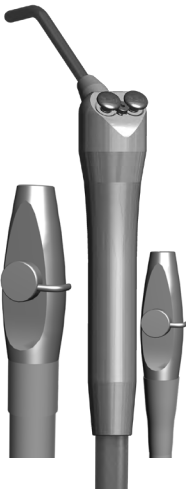


page 153 Disc Foot Control



page 156 Lever Foot Control

Syringes and Vacuum Instruments



page 170 Autoclavable HVE Standard and 11/15 mm

page 172 Autoclavable HVE with Large Bore 15 mm

page 174 Autoclavable AVS HVE (300)

page 176 Autoclavable Saliva Ejector

page 178 Autoclavable Saliva Ejector AVS

page 180 Traditional and Continental Syringe (300/500)

page 182 Traditional and Continental Warm Water Syringes



Water Bottle
page 162

Tray Assemblies



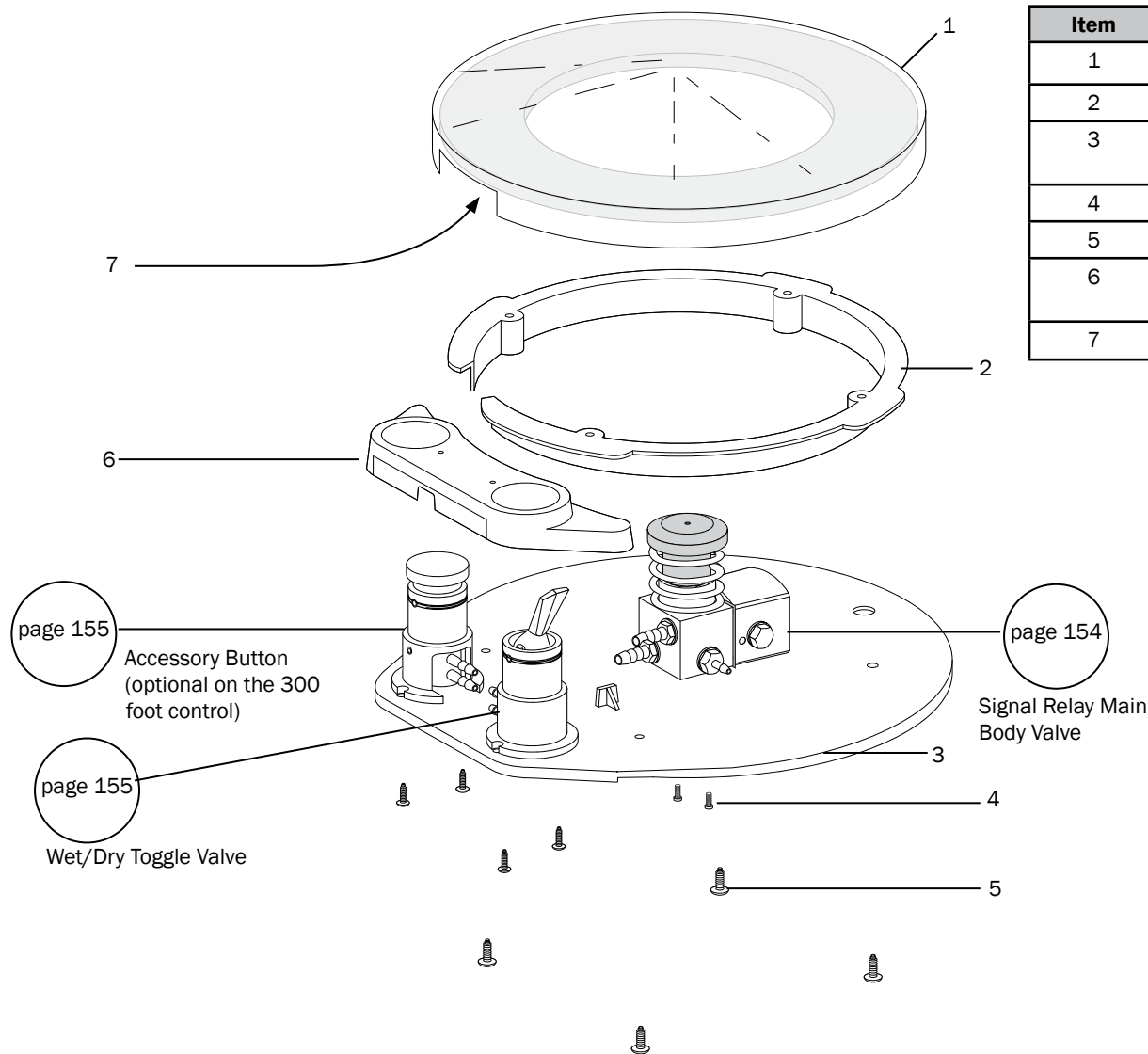
page 184 Traditional Tray (300)

page 185 Continental Tray (300)

page 188 Traditional Tray (500)

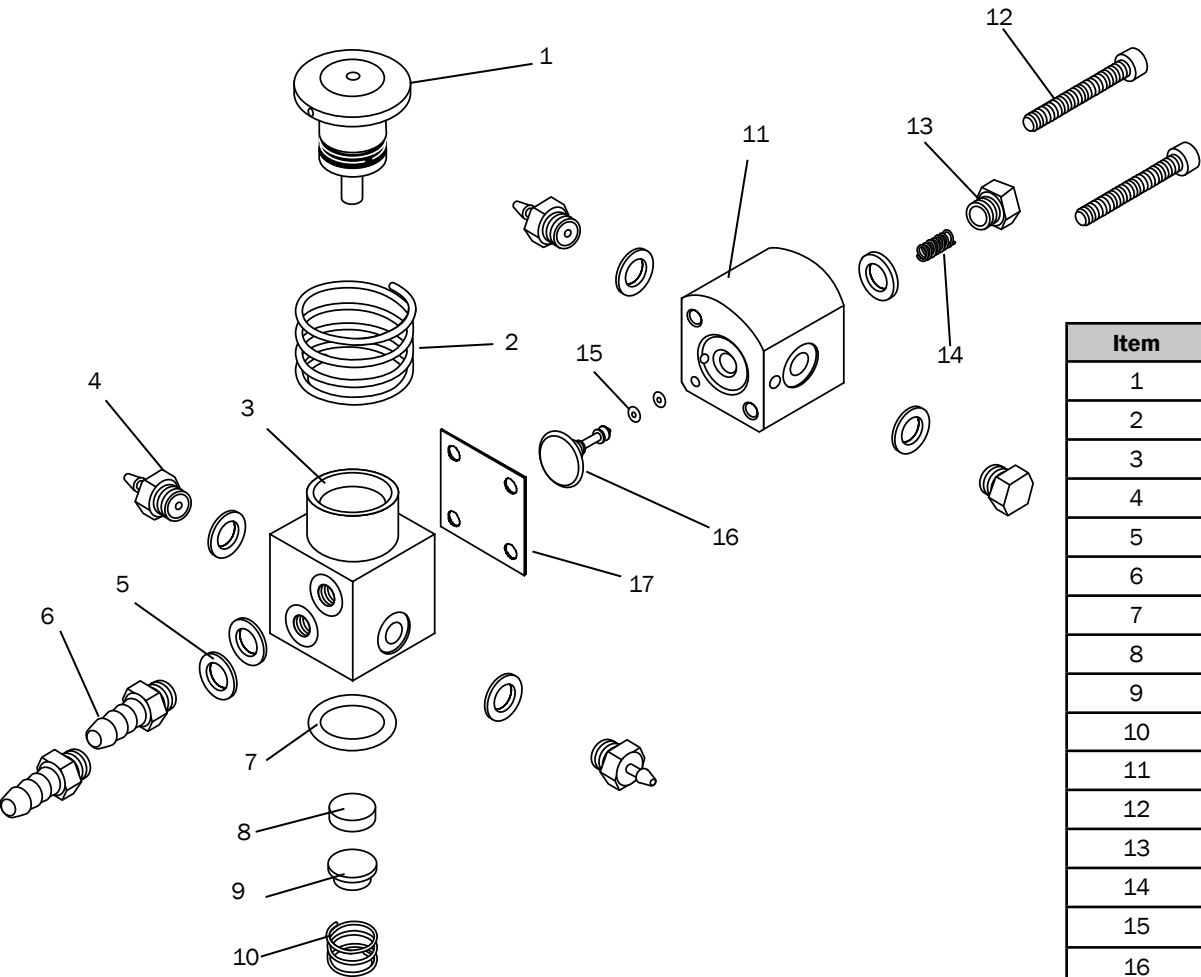
page 190 Continental Tray (500)

Disc Foot Control



Item	Part Number	Description
1	22.0110.00	Foot control cover, chrome (includes item 7)
2	38.0237.00	Black retaining ring, 5" OD
3	38.0059.03 38.0059.02	Base assembly, foot control, white Base assembly, foot control, surf
4	003.078.00	Screw, socket head, 4-40 1/4", zinc
5	003.022.00	Phillips pan head screw, #6 x 1/2", zinc
6	38.1802.01 38.1802.00	2-hole housing access, 5/16", white 2-hole housing access, 5/16", surf
7	38.0076.00	Foam liner, adhesive back (part of item 1)

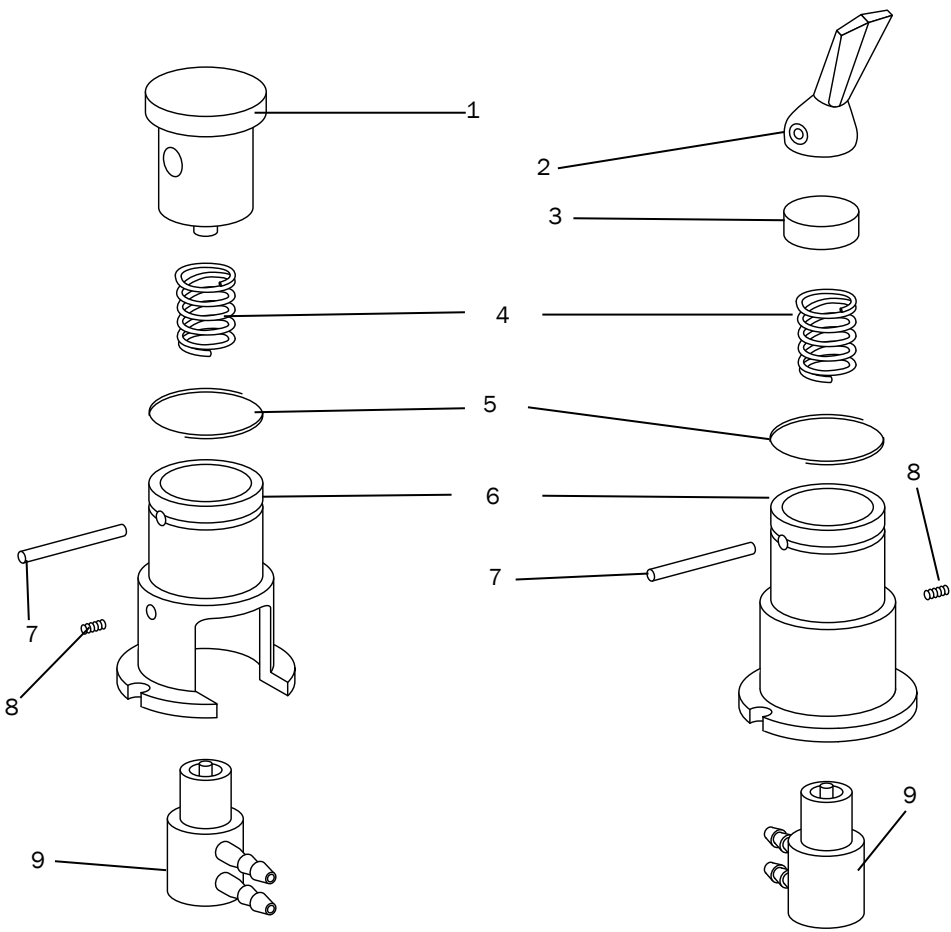
Foot Control Signal Relay Main Body Valve



Item	Part Number	Description
1	38.0760.00	Piston, foot control III assembly
2	013.011.00	Spring, helical compression, .760 OD x .47 FL
3	38.0759.00	Body relay
4	023.004.03	Barb, 1/8 x 10-32, pkg of 10
5	004.005.02	Washer, flat, nylon, .187 ID, pkg of 10
6	023.805.01	Barb, 5/16 x 10-32, pkg of 10
7	030.012.02	O-ring, .364 ID x .070 wide, pkg of 10
8	22.0060.00	Poppet, plastic, foot control
9	22.0050.00	Cap spring, foot control
10	22.0580.00	Spring, compression, .312 OD x .25
11	38.0056.00	Signal relay body valve
12	002.102.00	Screw, socket head 4-40 x 7/8", Zinc
13	021.016.04	Hex plug, 10-32, pkg of 10
14	10.0440.00	Spring, compression, .312 OD x .25
15	030.001.02	O-ring, pkg of 10
16	22.0778.00	Valve stem with O-rings
17	38.0054.02	Diaphragm, 3/4" square x .013 thick, pkg of 10

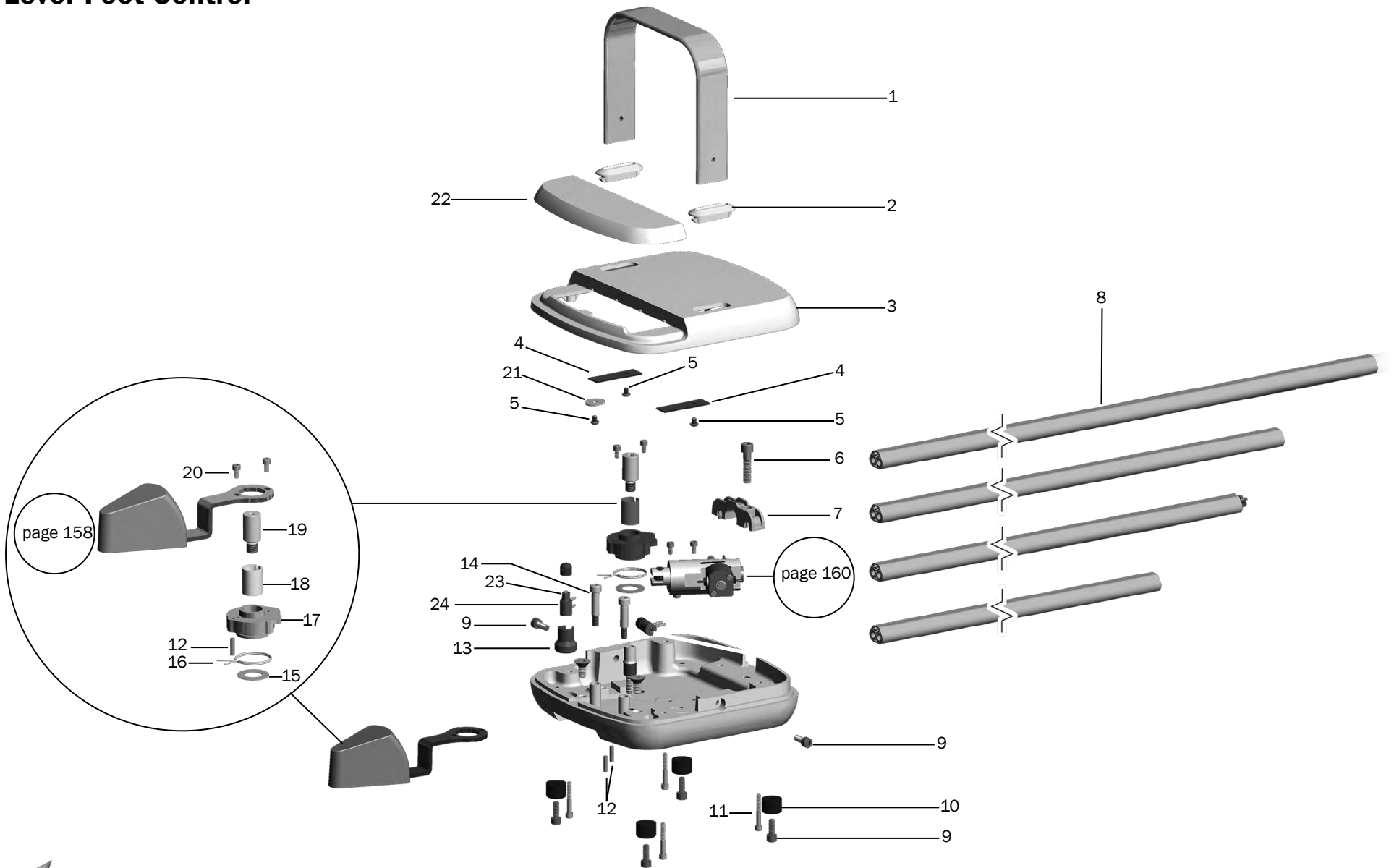
Disc Foot Control Accessory Button and Wet/Dry Toggle Valve

p/n 38.0612.01 (white)/38.0612.00 (surf)/38.1832.00 (white)/38.0604.00 (surf)



Item	Part Number	Description
1	38.0070.00	Actuator button
2	38.0075.04 38.0075.03	Foot control toggle valve lever, with pin, gray Foot control toggle valve lever, with pin, surf
3	38.0066.00	Cap spring, wet/dry valve assembly
4	22.0040.00	Spring, helical compression, .300 OD x .40
5	010.056.00	Retainer spring, .600 diameter
6	38.0072.04 38.0072.03	Holder valve, white Holder valve, surf
7	011.016.00	Pin, dowel, .125 diameter x .625
8	007.002.00	Setscrew, socket cup point, 6-32 x 3/16
9	33.0138.00	3-way micro valve assembly

Lever Foot Control



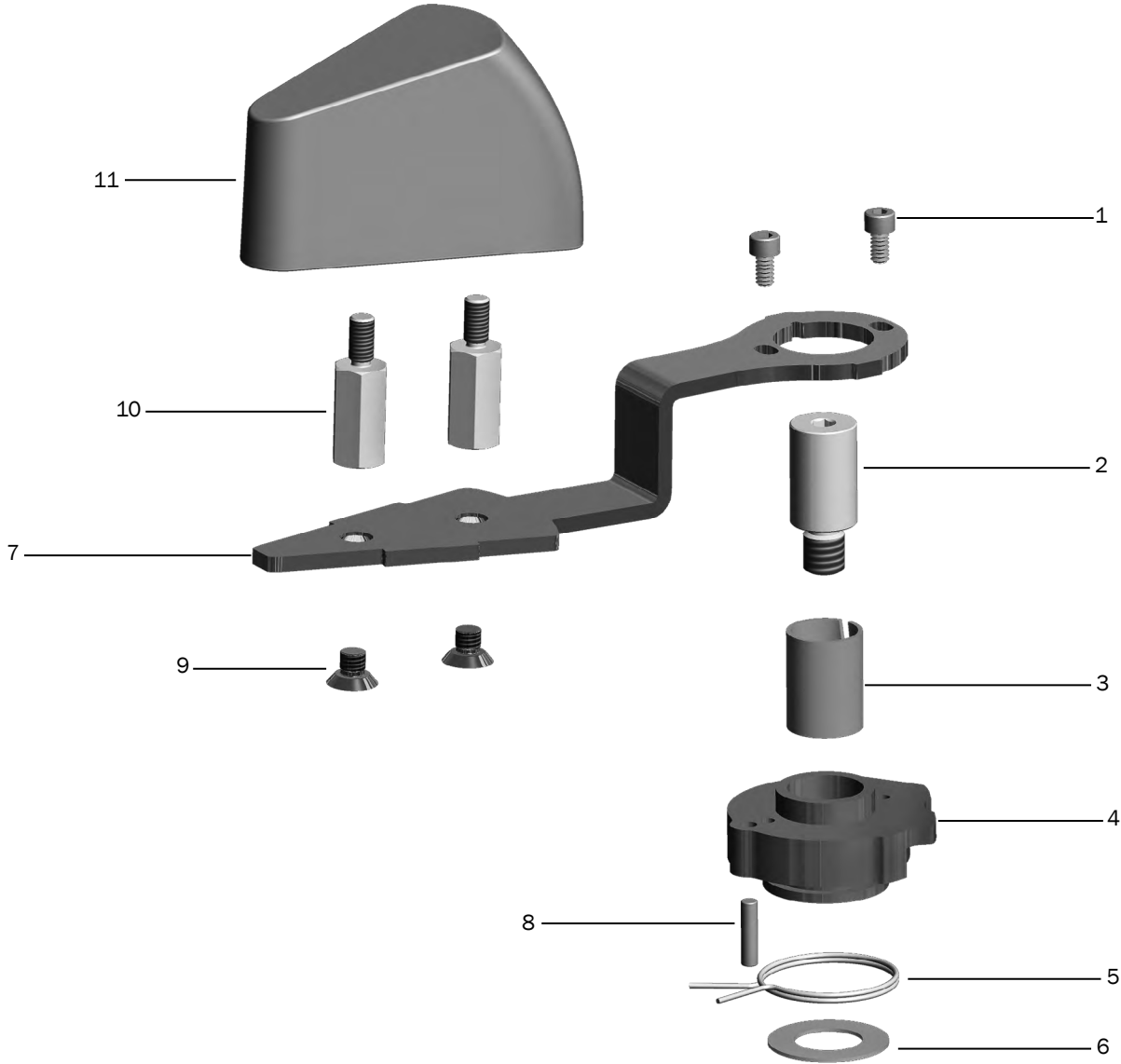
Lever Foot Control

p/n 38.1871.00 (5')/ 38.1871.01 (7')/ 38.1871.02 (9')/ 38.1871.03 (16')

Item	Part Number	Description
1	38.1859.00	Bail
2	38.1860.00	Grommet
3	38.1849.00	Cover
4	38.1868.00	Leaf spring
5	002.103.00	Screw
6	005.109.00	Button head screw, 1/4-20 x 1"
7	62.0131.00	Strain relief
8	024.214.XX	Foot control tubing, gray 3
9	002.135.01	Stainless steel patch socket head screw, 10-32 x 1/2"
10	017.035.00	Bumper
11	002.011.00	Screw, soc hd, 6-32 x 1
12	011.052.00	Pin
13	38.1864.00	Mount
14	001.293.00	10-24 x 1/4 x 3/4" Shoulder screw
15	004.035.00	Flat washer
16	013.140.00	Spring
17	38.1861.00	Cam
18	016.174.00	Bearing
19	38.1873.00	Screw, 1/4-20 thread
20	001.034.00	Screw, 6-32 x 1/4"
21	004.259.00	Washer
22	38.1851.00	Lever foot control button
23	38.1856.00	Valve button
24	38.0138.00	Micro valve assembly



Lever Assembly



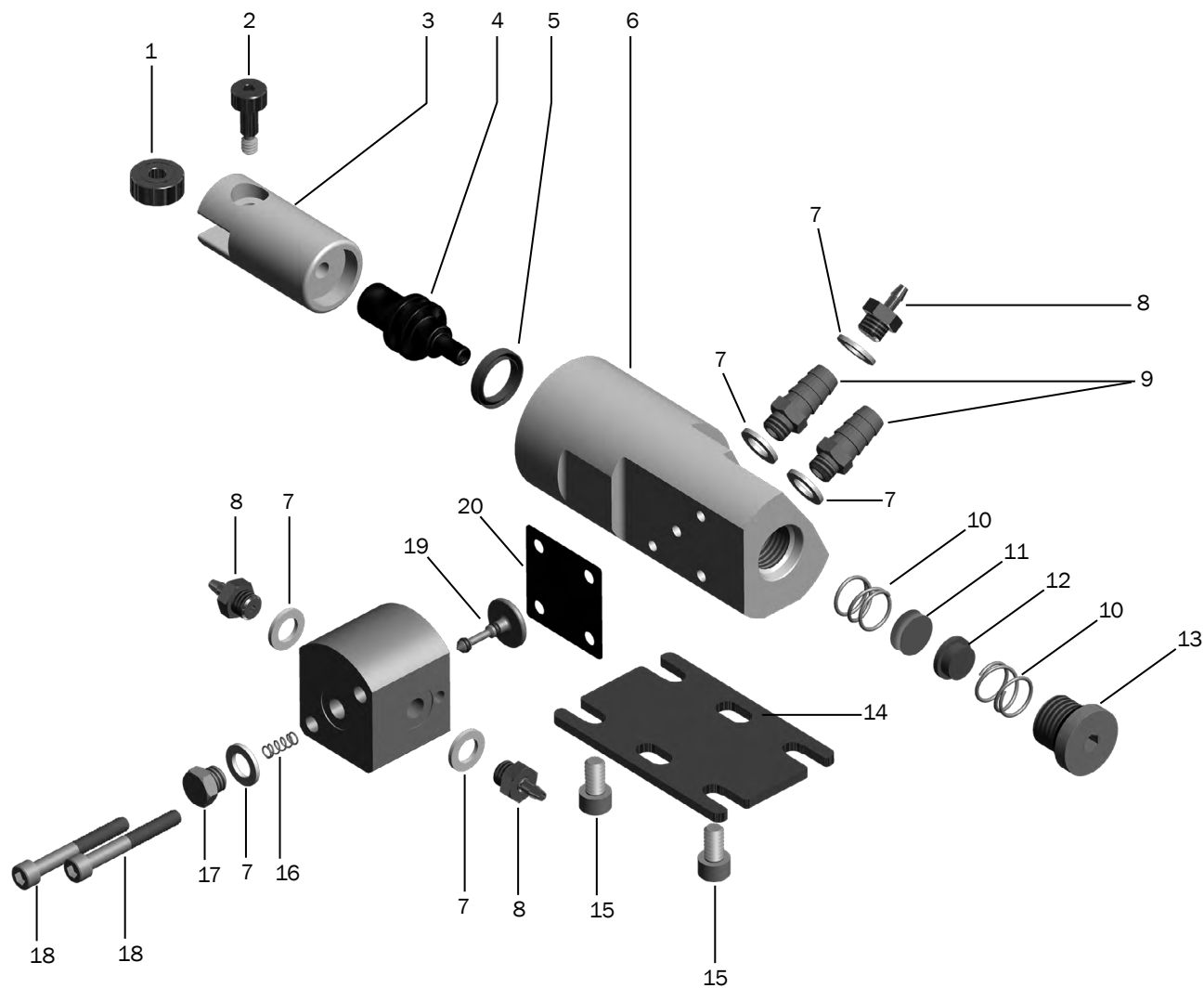
Lever Assembly

p/n 38.1869.00

Item	Part Number	Description
1	001.034.00	6-32 x 1/4" Screw
2	38.1873.00	Screw, 1/4 - 20 thread
3	016.174.00	Bearing
4	38.1861.00	Cam
5	013.140.00	Spring
6	004.035.00	Flat washer
7	38.1863.00	Lever
8	011.052.00	Pin
9	001.224.00	Screw
10	037.059.00	Stand off
11	38.1852.00	Cover



Pressure Regulator Assembly



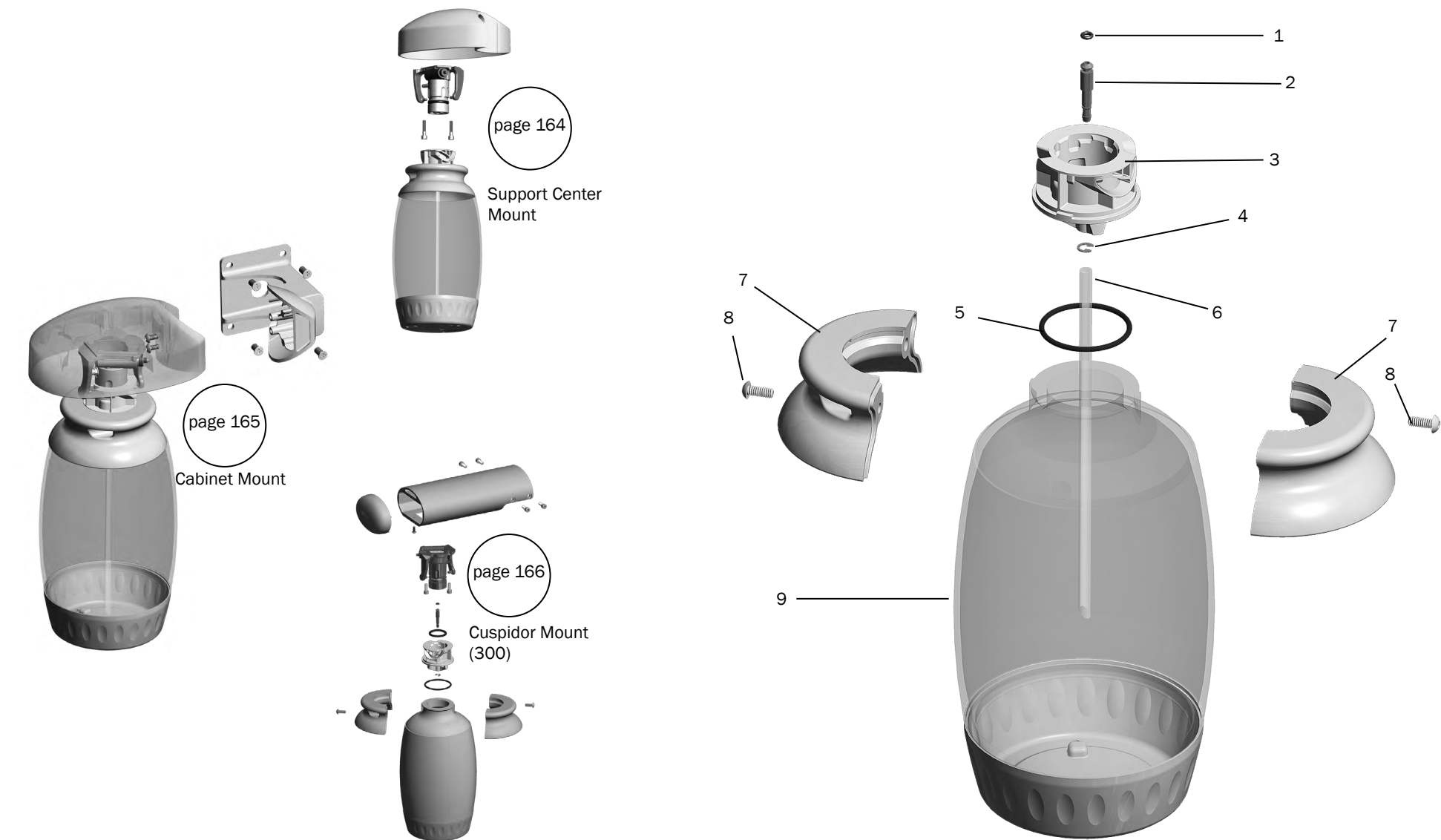
Pressure Regulator Assembly

p/n 38.1870.01 Pressure Regulator / 90.1510.00 Pressure Regulator Kit

Item	Part Number	Description
1	016.189.00	Bearing
2	001.291.00	Socket shoulder screw, 4-40 x 1/8 x 1/4
3	38.1855.00	Cam follower
4	38.1853.00	Piston
5	039.018.00	U-cup
6	38.1854.00	Body
7	004.005.00	Washer
8	023.004.00	1/8" Barb
9	023.805.00	5/16" Barb
10	22.0580.00	Compression spring
11	22.0060.00	Poppet
12	22.0050.00	Cap
13	021.119.00	Plug
14	38.1857.00	Plate
15	001.034.00	Socket head screw, 6-32 x 1/4
16	10.0440.00	Compression spring
17	021.016.00	Plug
18	002.102.00	Socket head screw, 4-40 x 7/8
19	22.0778.00	Valve stem with o-rings
20	38.0054.00	Diaphragm



Water Bottle Assembly (300/400/500)

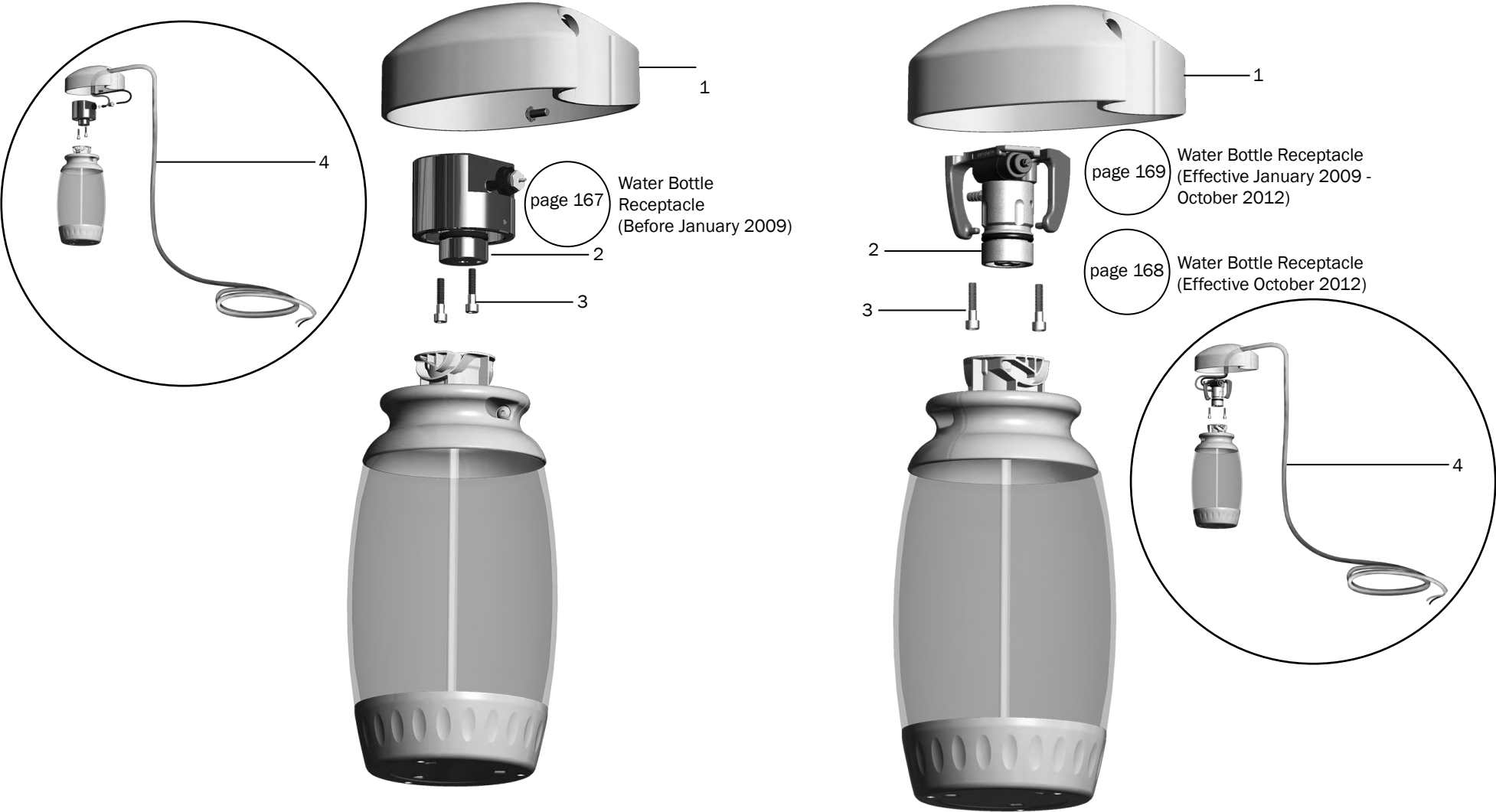


Water Bottle Assembly (300/400/500)

Item	Part Number	Description
1	035.062.01	O-ring, pkg of 10
2	14.0457.00	Water connector
3	14.0453.00	Funnel
4	010.002.00	Retaining ring
5	031.130.01	O-ring, pkg of 10
6	14.0467.00	Supply tube
7	90.1159.01	Clamp, water bottle kit, white (2 clamps and screw)
	90.1550.00	Clamp, water bottle kit, surf (2 clamps and screw)
8	005.110.00	Button head socket screw, 10-32 x 1/2"
9	14.0466.00	Water bottle with base, surf
	14.0466.01	Water bottle with base, white

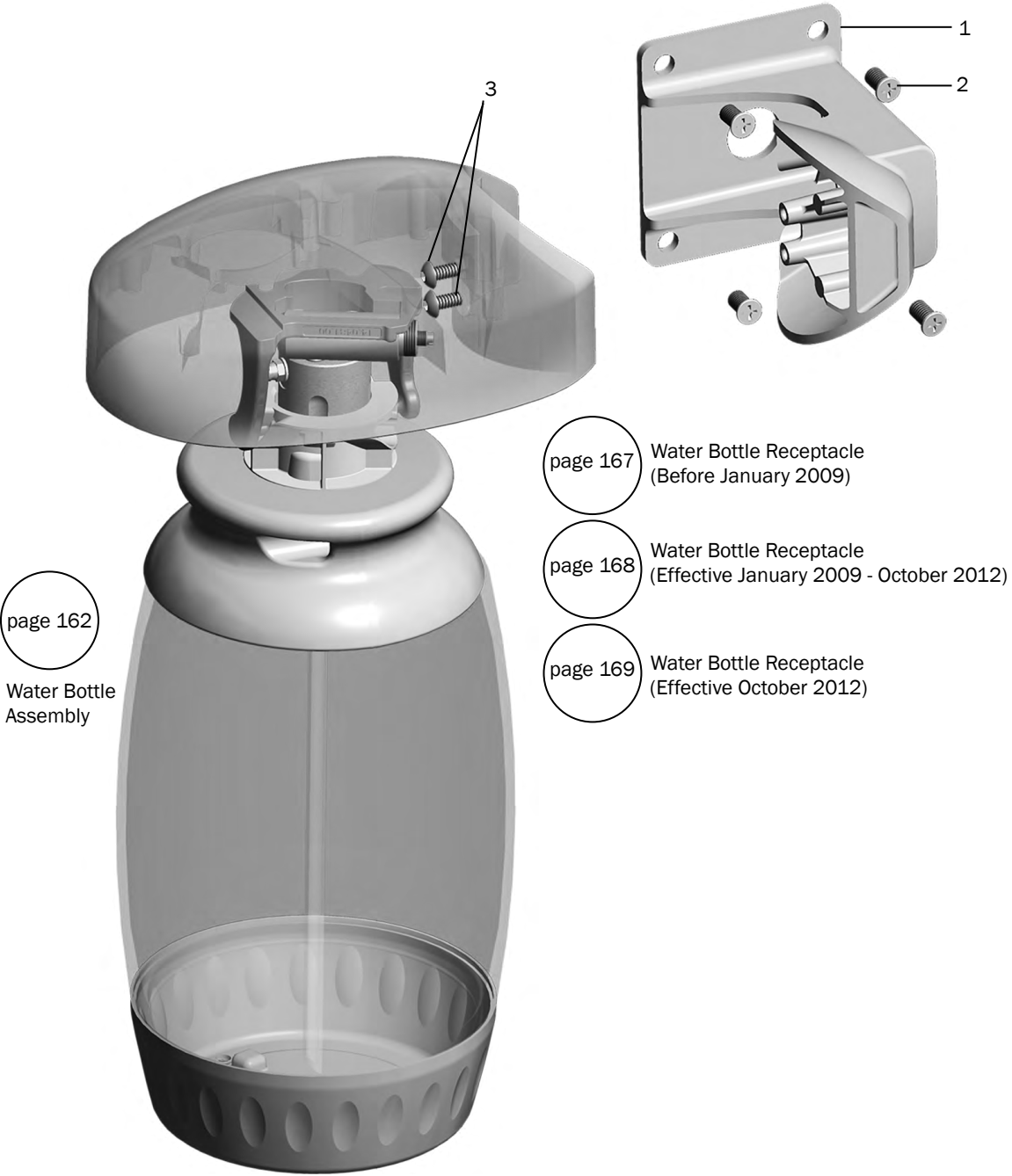


Support Center Mount Water Bottle (300/500)



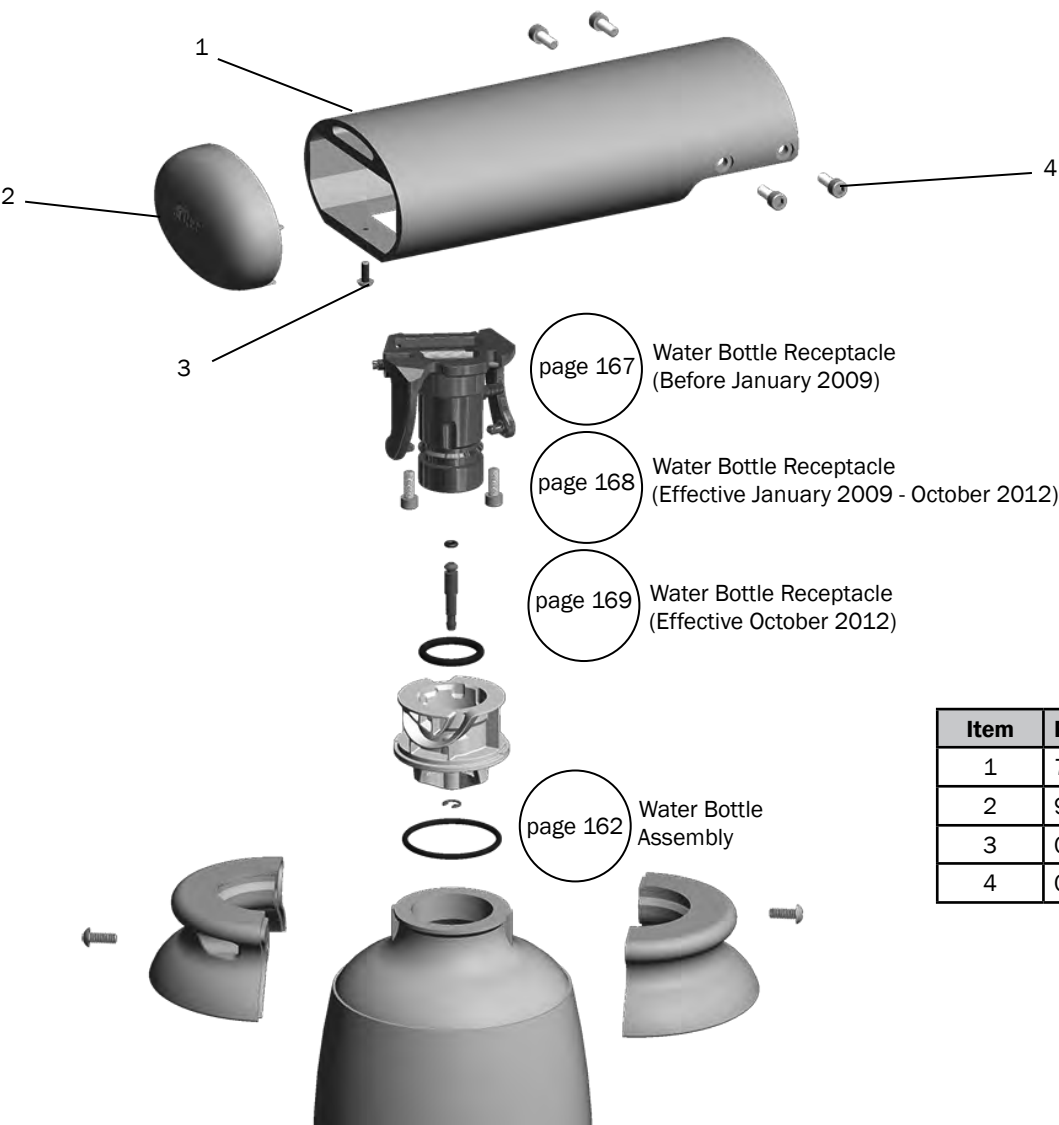
Item	Part Number	Description
1	14.0455.04	Housing, white
	14.0455.02	Housing, surf
2	90.1101.00	Receptacle assembly, OTC
3	002.112.00	Screw, 10-32 x 7/8", socket head
4	024.200.XX	Tubing

Cabinet Mount Water Bottle (300/500)



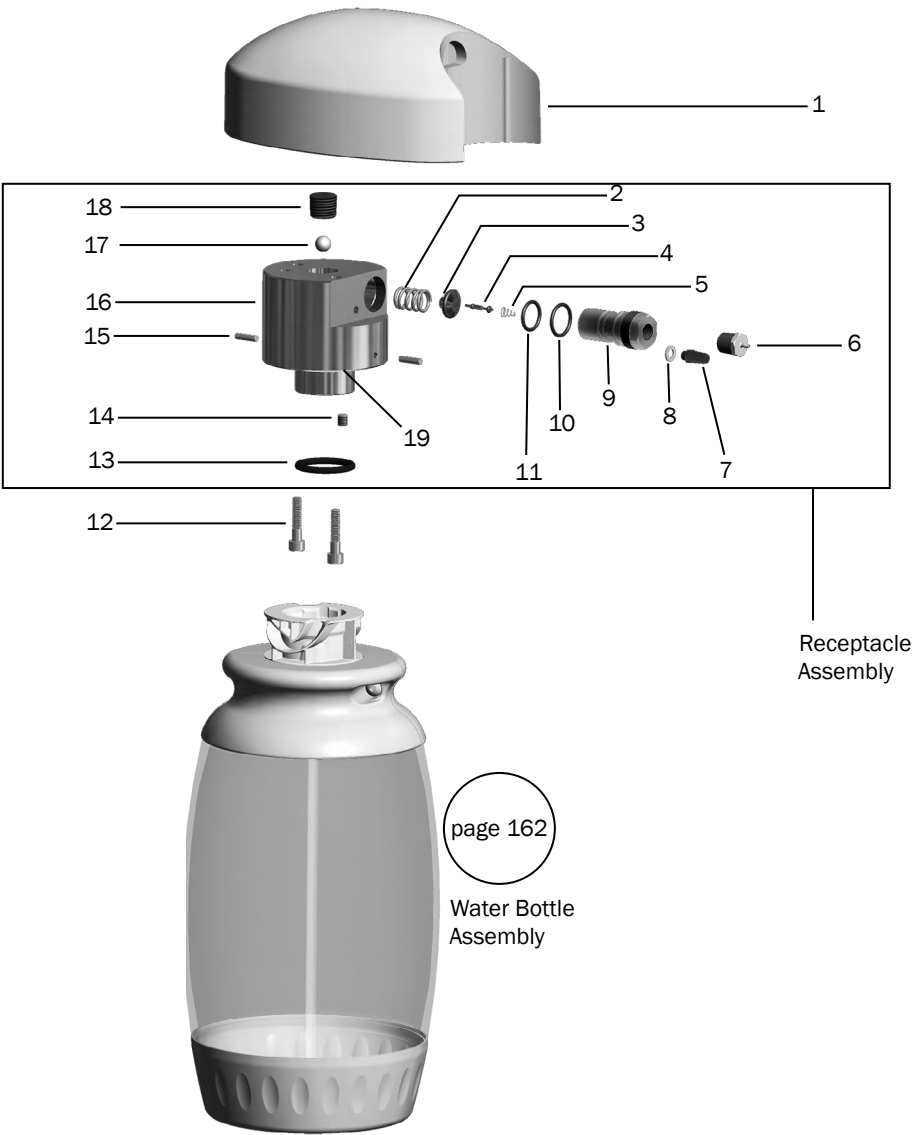
Item	Part Number	Description
1	77.0420.01	Bracket
2	003.071.00	Screw
3	005.012.03	Button head socket screw, 10-32 x 3/8

Cuspidor Mount Water Bottle (300)



Item	Part Number	Description
1	77.0720.00	Support, water bottle
2	90.1212.00	End cap (includes Item 3)
3	001.097.00	Screw , pan, 6-32 x 3/8"
4	002.135.00	Screw, socket head, 10 - 32 x 1/2, stainless steel

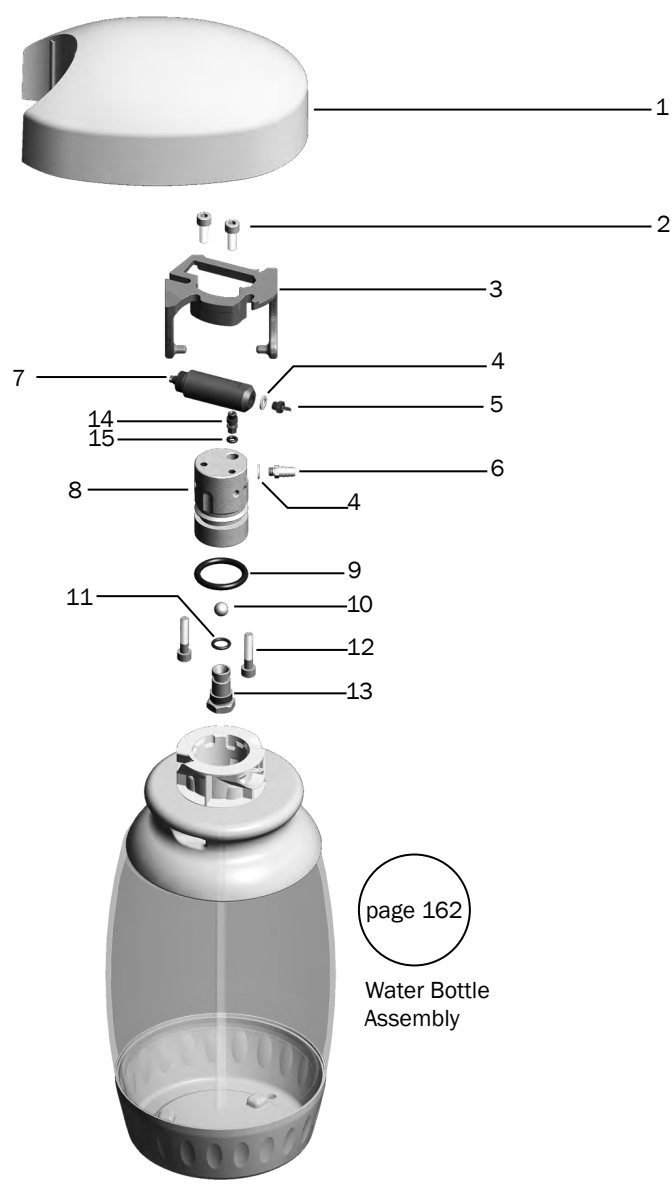
Water Bottle Receptacle (Before January 2009)



Item	Part Number	Description
1	14.0455.04	Housing, white
	14.0455.02	Housing, surf
2	013.085.00	Spring
3	80.5303.10	Piston with 030.013.00 o-ring
4	24.0419.00	Stem assembly
5	013.084.00	Conical spring
6	023.810.00	1/8" x 1/8" Barb
7	023.805.00	5/16 x 10-32 Barb
8	004.005.00	Washer
9	14.0460.00	Cartridge
10	030.015.00	O-ring
11	030.014.00	O-ring
12	002.112.00	Socket head screw, 10-32 x 7/8"
13	034.213.00	O-ring, .921 ID x .139 W
14	023.809.00	Restrictor setscrew, 10-32
15	011.052.00	Pin
16	14.0459.00	Receptacle
17	015.025.00	Ball, 5/16" diameter
18	021.110.00	Plug, socket head 1/4
19	034.213.00	O-ring

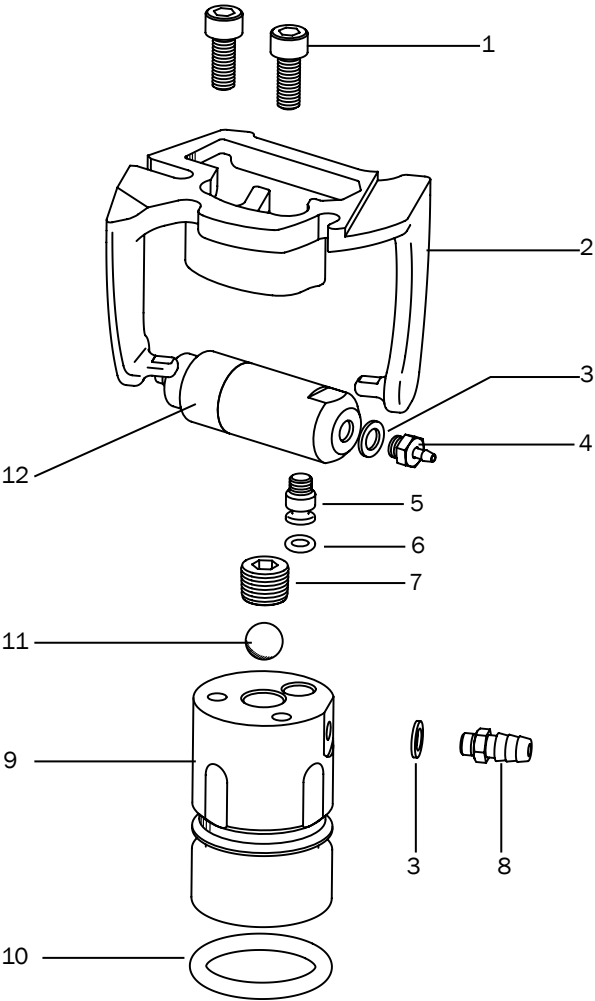
Replacement Kit	Items Included	Description
14.0469.00	2 - 11, 13 - 16	Receptacle assembly

Water Bottle Receptacle (Effective October 2012)



Item	Part Number	Description
1	14.0455.04	Housing, white
	14.0455.02	Housing, surf
2	002.135.00	Screw, socket head, 10 - 32 x 1/2", stainless steel
3	14.0481.00	Base, cast receptacle, water bottle
4	004.005.02	Washer, flat nylon, 1/16" diameter, pkg of 10
5	023.004.01	Barb, 1/8" x 10-32, pkg of 10
6	023.824.00	Barb, 5/16 x 10-32
7	24.0388.02	Regulator Assembly, 40 PSI, without barbs
8	14.0490.00	Connector, bottle, air-water
9	034.213.00	O-ring, .921 ID x .139 wide
10	015.025.00	Ball, 5/16" diameter
11	030.110.01	O-ring, package of 25
12	002.112.00	Socket head screw, 10-32 x 7/8"
13	022.111.00	Connector insert
14	023.826.00	Fitting, 10 - 32 x 1/2", stainless steel
15	030.006.02	O-ring, pkg of 10

Water Bottle Receptacle -- 300/400/500 (Effective January 2009 - October 2012)

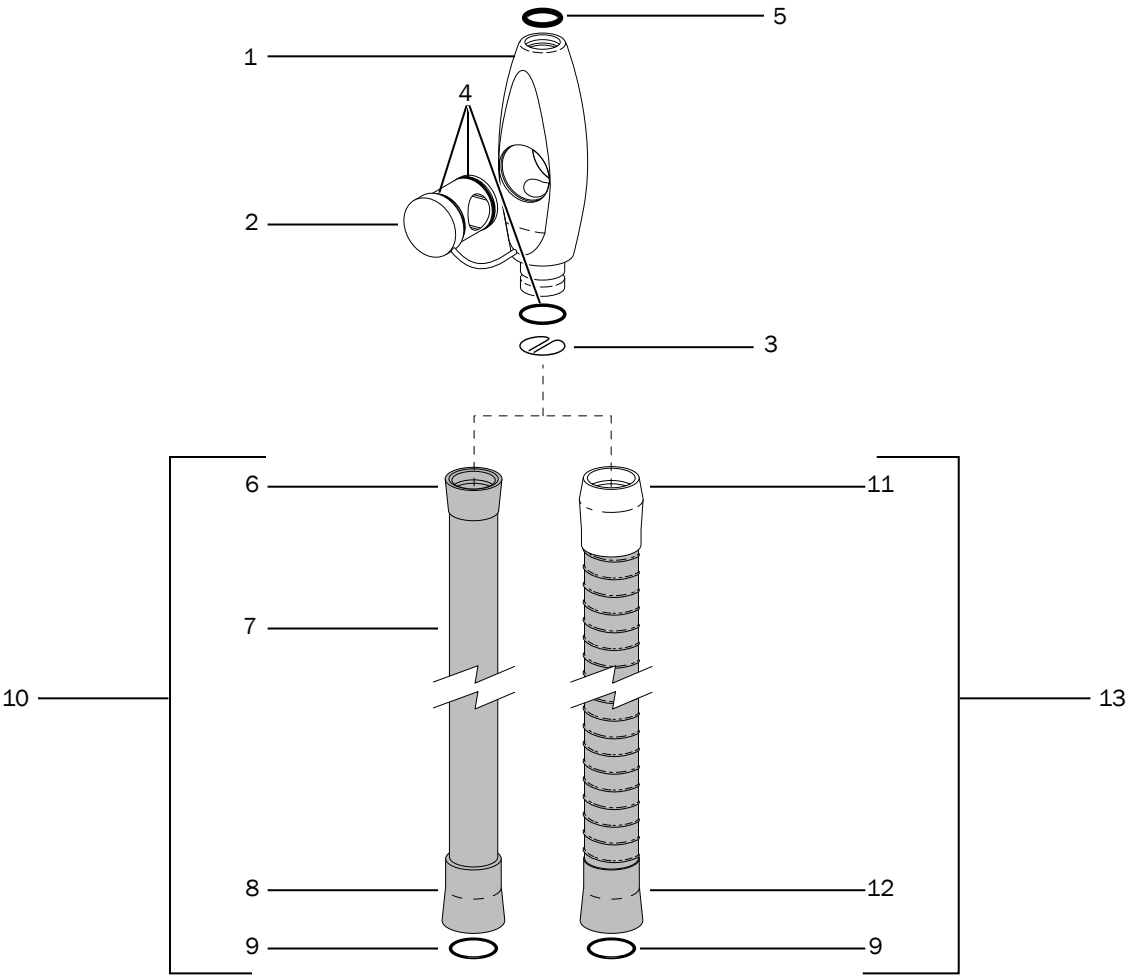


p/n 90.1101.00

Item	Part Number	Description
1	002.135.00	Screw, socket head, 10 - 32 x 1/2", stainless steel
2	14.0481.00	Base, cast receptacle, water bottle
3	004.005.02	Washer, flat nylon, .197" diameter, pkg of 10
4	023.004.01	Barb, 1/8" x 10-32, pkg of 10
5	022.111.00	Fitting, 10 - 32 x 1/2", stainless steel
6	030.011.02	O-ring, pkg of 10
7	021.020.00	Plug, socket head, 1/8"
8	023.824.00	Barb, 5/16" x 10-32, pkg of 10
9	14.0490.00	Connector, bottle, air-water
10	034.213.00	O-ring, .921 ID x .139 wide
11	015.025.00	Ball, 5/16" diameter
12	24.0388.02	Regulator Assembly, 40 PSI, without barbs

Syringes and Vacuum Instruments

Autoclavable HVE Standard and 11/15 mm



Autoclavable HVE Standard and 11/15 mm

Common Components

Item	Part Number	Description
1	11.1071.00	Body, autoclavable HVE
2	11.1074.00	Rotor assembly with O-rings
3	11.0998.01	Screen, spring clip, QD, HVE, pkg of 5
4	034.014.01	O-ring, E, .489 ID x .070 W, pkg of 10
5	034.013.01	O-ring, E, .426 ID x .070 W, pkg of 10
9	034.018.02	O-ring, .739 ID x .070 W, pkg of 10

Standard - p/n 11.1296.01 (white)/11.1296.01 (surf)

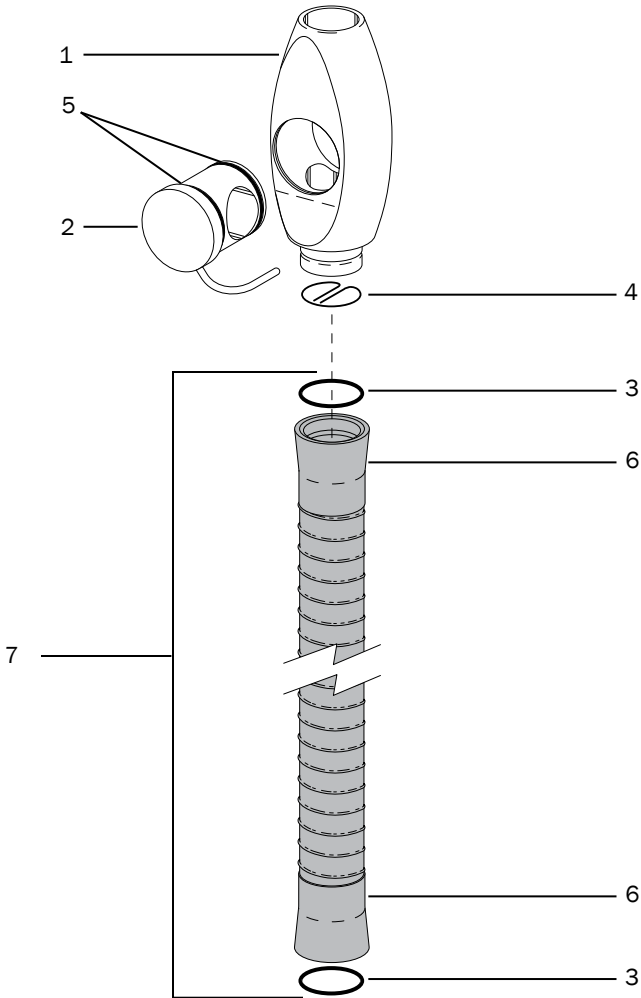
Item	Part Number	Description
6	11.1027.01	Tailpiece, QD, standard HVE valve end
7	024.221.01	Tubing, 1/2 ID (10')
8	11.1300.03	Tailpiece, standard HVE, vacuum end
10	11.1292.01	Standard HVE tubing assembly

11 mm and 15 mm - p/n 11.1305.01 (white)/11.1305.00 (surf)

Item	Part Number	Description
11	11.1272.00	Tailpiece. 11 mm, valve end, HVE
12	11.1301.03	Tailpiece, vacuum/valve end, HVE, 15 mm
13	12.1239.01	11 mm HVE tubing assembly (63")
	11.1294.01	11 mm HVE tubing assembly (52")



Autoclavable HVE with Large Bore 15 mm (541/545)

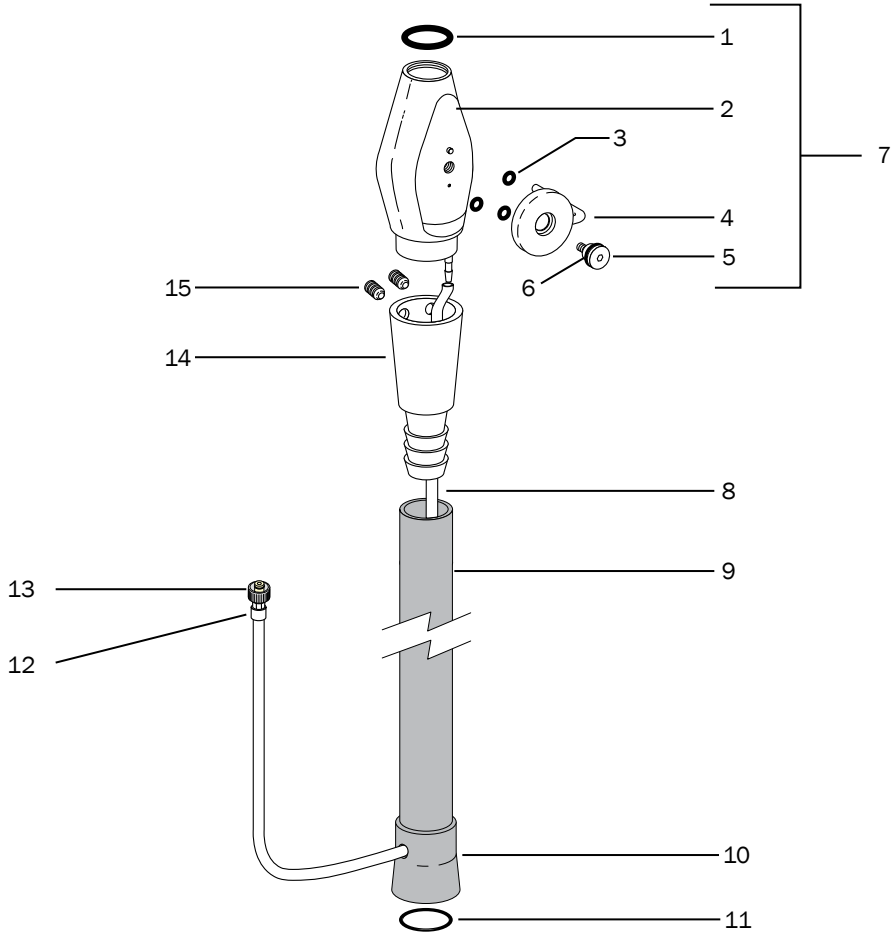


Autoclavable HVE with Large Bore 15 mm (541/545)**p/n 11.1315.00**

Item	Part Number	Description
1	12.1114.00	Body, autoclavable HVE, 15 mm
2	12.1116.00	Rotor assembly with O-rings
3	034.018.02	O-ring, E, .739 ID x. 070 W, pkg of 10
4	12.1109.01	Screen, spring clip, QD, 15 mm, pkg of 5
5	034.019.01	O-rings, E, .801 ID x .070 W, pkg of 10
6	11.1301.03	Tailpiece, HVE, 15 mm
7	12.1238.01 11.1293.01	Tubing, 63" Tubing, 52"



Autoclavable AVS HVE (300)

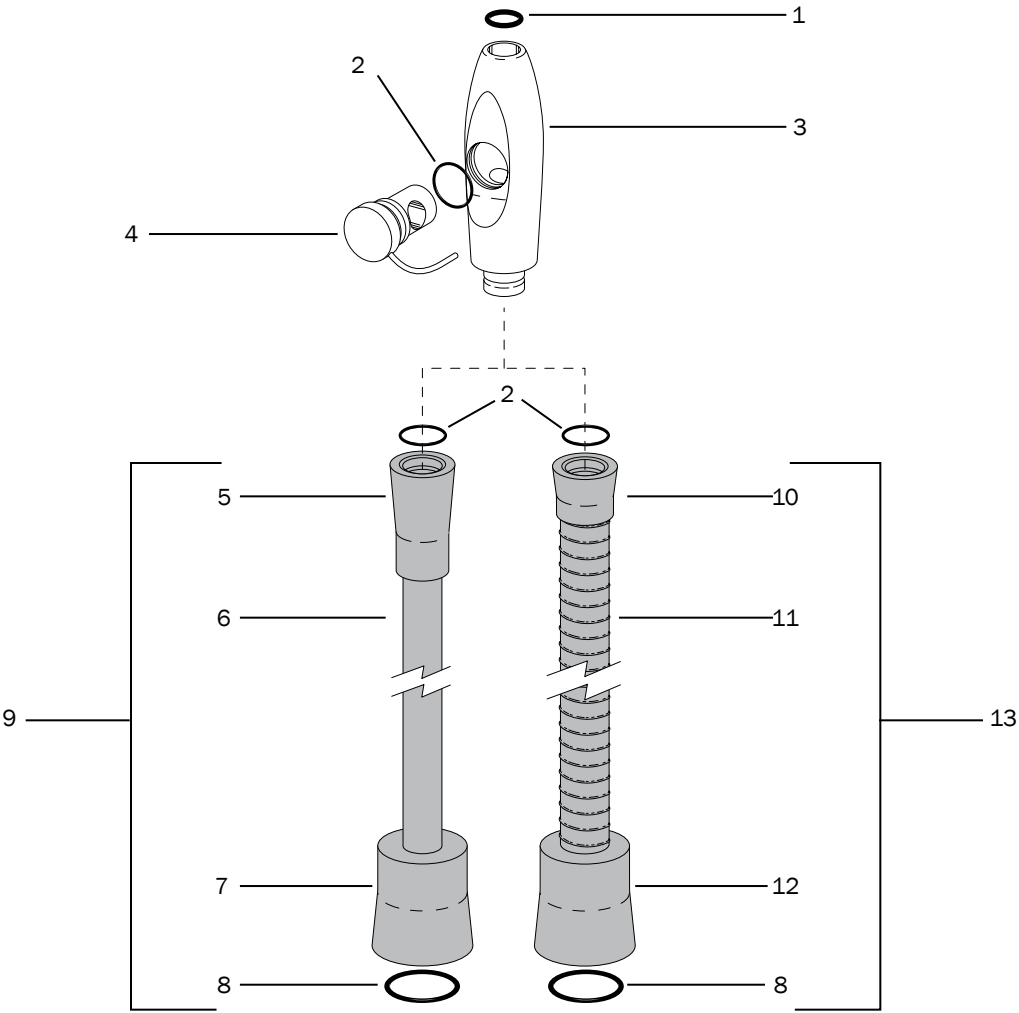


Autoclavable AVS HVE (300)**p/n 11.1312.00**

Item	Part Number	Description
1	030.013.02	O-ring, pkg of 10
2	11.1130.00	Body
3	030.002.02	O-ring, pkg of 10
4	11.1128.00	Knob assembly
5	023.083.00	Retainer
6	035.049.01	O-ring, pkg of 10
7	11.1129.00	Body assembly
8	036.003.03	Yellow tubing, 1/8" OD
9	024.220.01	AVS tubing, 1/2" ID, gray 3, 10'
10	11.1300.02	Tail piece, HVE, standard, vacuum end
11	034.018.02	O-ring, pkg of 10
12	025.007.01	Uni-clamp, pkg of 10
13	023.083.00	QD
14	11.1131.00	Tailpiece
15	007.002.00	Setscrew



Autoclavable Saliva Ejector



Autoclavable Saliva Ejector

Common Components

Item	Part Number	Description
1	034.107.01	O-ring E, .206 ID x .103 W, pkg of 10
2	034.012.01	O-ring E, .364 ID x .070 W, pkg of 10
3	12.1089.00	Body, with valve
4	12.1093.00	Rotor assembly, with O-rings
8	034.018.02	O-ring, pkg of 10

Standard p/n 12.1235.01

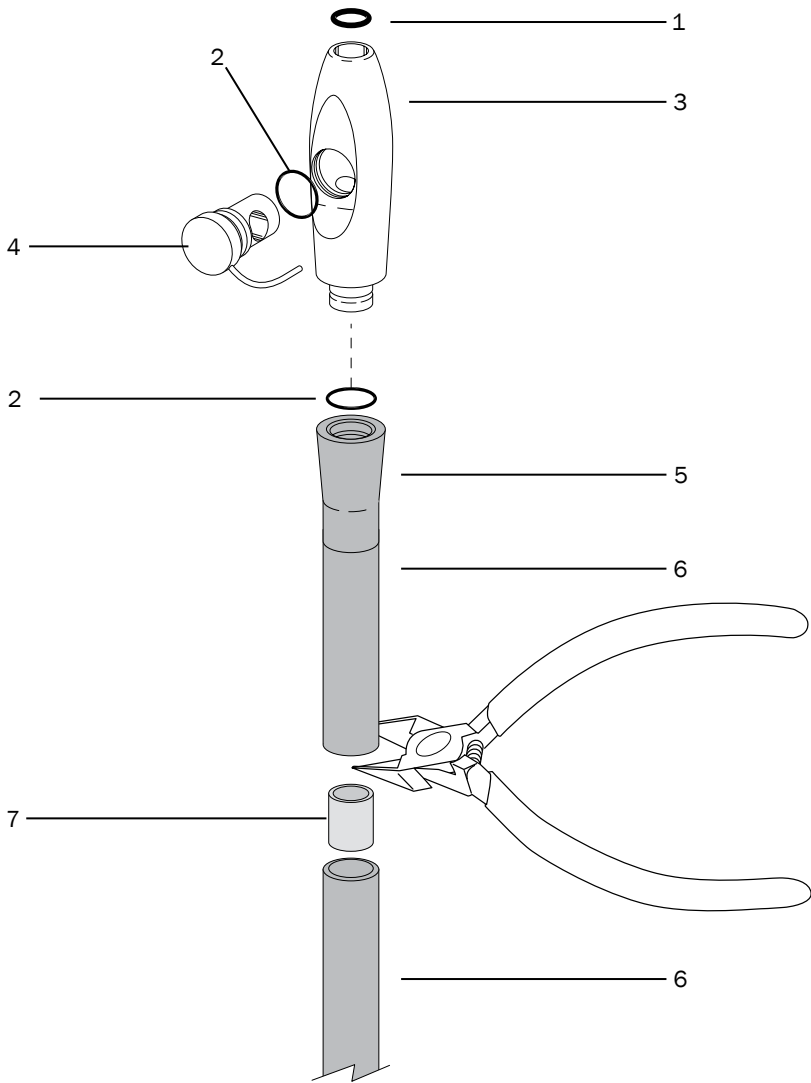
Item	Part Number	Description
5	12.1229.01	Tailpiece
6	024.218.03	Tubing (10')
7	11.1303.03	Tailpiece
9	11.1306.01	Tubing assembly

10 mm p/n 12.1236.01

Item	Part Number	Description
10	11.1283.03	Tailpiece
11	024.219.01	Tubing (10')
12	11.1302.03	Tailpiece
13	11.1307.01	Tubing assembly



Autoclavable Saliva Ejector AVS

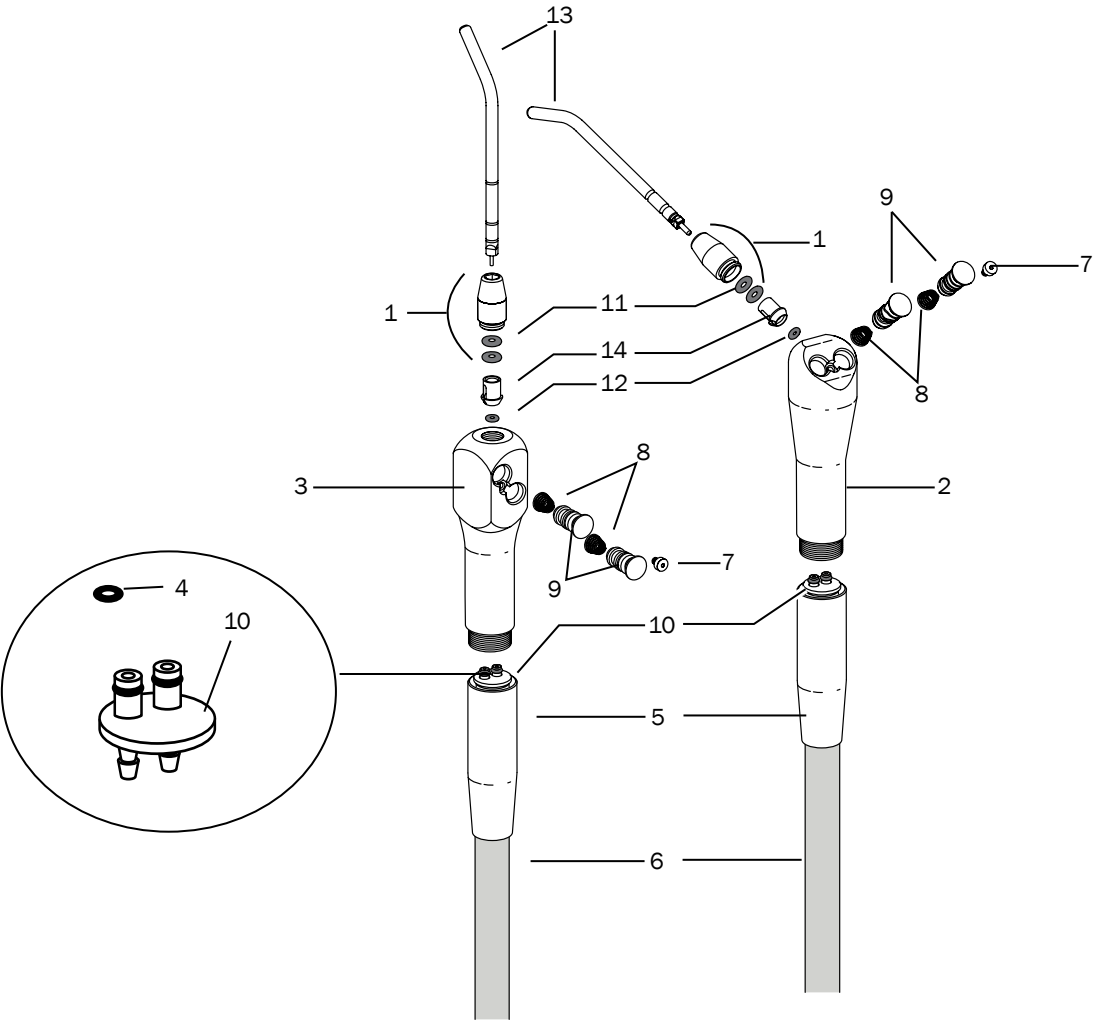


Autoclavable Saliva Ejector (AVS)**p/n 12.1246.00**

Item	Part Number	Description
1	034.107.01	O-ring E, .206 ID x .103 W, pkg of 10
2	034.012.01	O-ring E, .364 ID x .070 W, pkg of 10
3	12.1089.00	Body, with valve
4	12.1093.00	Rotor assembly, with O-rings
5	12.1087.00	Tailpiece, QD ACLV SE
6	024.218.03	Tubing, 10'
7	023.112.00	Brass Tube, 1"



Traditional and Continental Syringes (300/500)



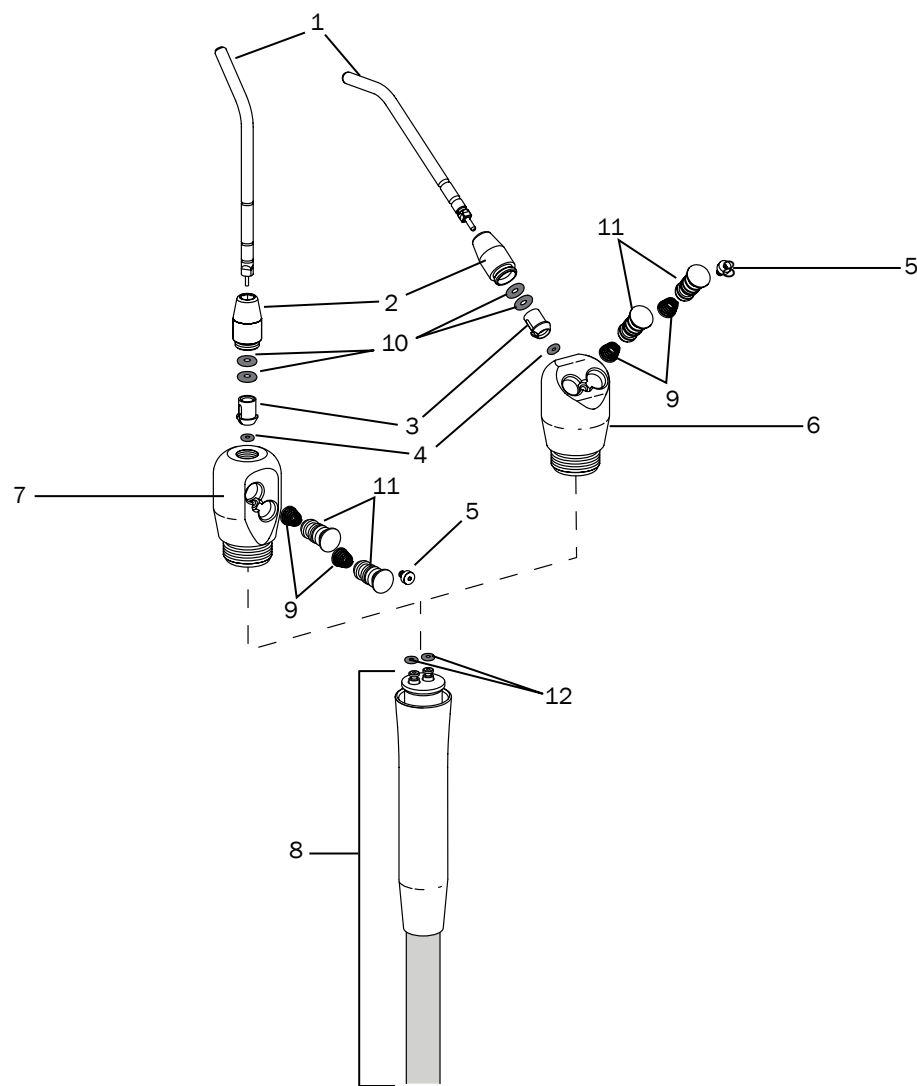
Traditional and Continental Syringes (300/500)

p/n 23.1011.00/23.1096.00 (without tubing); p/n 23.1295.00/23.1297.00 (with tubing)

Item	Part Number	Description
1	23.1112.01 23.1090.00	Non locking nut assembly with O-rings Locking nut assembly with O-rings
2	23.1190.00	Syringe head, Traditional
3	23.1097.00	Syringe head, Continental
4	030.002.02	O-ring, pkg of 10
5	23.1015.00	Syringe handle
6	23.1208.01 23.1208.00	Tubing assembly, three hole, 7', gray Tubing assembly, three hole, 7', surf
7	23.1193.01	Screw, 2-56, pkg of 5
8	23.1232.01	Valve, assembly button, autoclavable, pkg of 2
9	013.064.01	Spring, compression, conical, pkg of 10
10	23.1110.00	Terminal, barb assembly, non-QD, 2 barb
11	035.062.01	O-ring, E, .114 ID x .07 W, pkg of 10
12	034.003.01	O-ring, E, .056 ID x .060 W, pkg of 10
13	23.0872.01	Syringe tip, pkg of 5
14	23.1101.01	Spacer, syringe nut with O-ring (contains Item 12)



Traditional and Continental Warm Water Syringes (300/500)



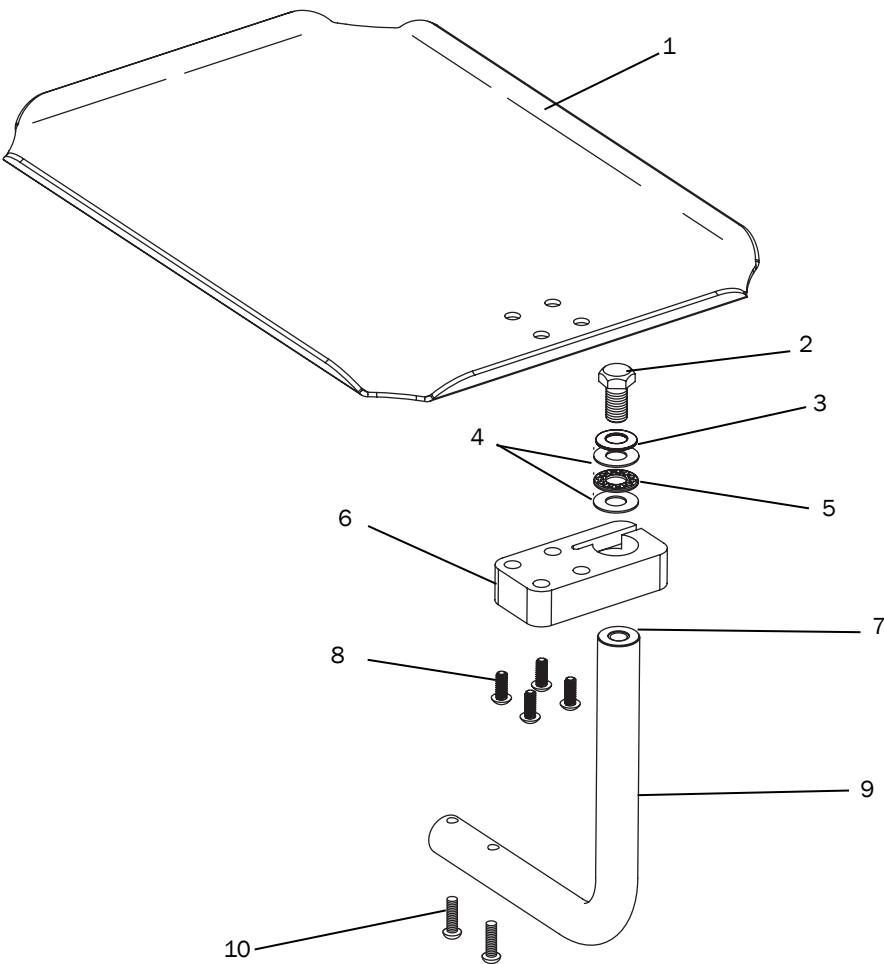
Traditional and Continental Warm Water Syringes (300/500)

Item	Part Number	Description
1	23.0872.01	Syringe tip, pkg of 5
2	23.1111.01	Syringe nut, smooth, with o-ring
3	23.1101.01	Spacer, syringe nut
4	034.003.01	O-ring, EP, .056 ID x .060W, pkg of 10
5	23.1193.01	Screw, 2-56, syringe, pkg of 5
6	23.1278.00	Warm water Traditional syringe head kit
7	23.1277.00	Warm water Continental syringe head kit
8	23.1284.00	Tubing assembly, surf (use with 532, 533, 541, 542, 332, 333, 334, 335)
	23.1301.01	Tubing assembly, gray 3 (use with 532, 533, 541, 542, 332, 333, 334, 335)
	23.1279.01	Tubing assembly (use with 551, 351)
	23.1285.00	Tubing assembly, surf (use with 545)
	23.1299.00	Tubing assembly, gray 3 (use with 545)
9	013.064.01	Spring, compression, conical, pkg of 10
10	035.062.01	O-ring, .114 ID x .070 W, pkg of 10
11	23.1232.01	Valve, assembly button, autoclavable, pkg of 2
12	030.002.02	O-ring, pkg of 10



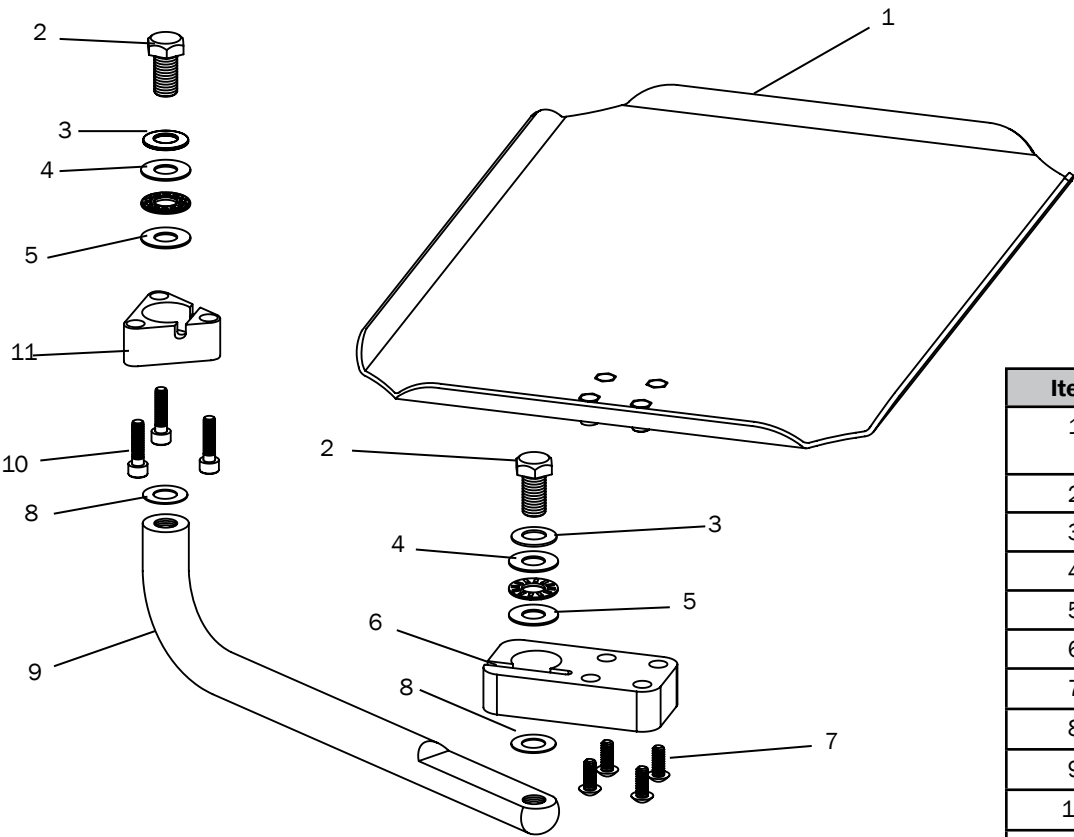
Tray Assemblies

Traditional Tray Holder (300)



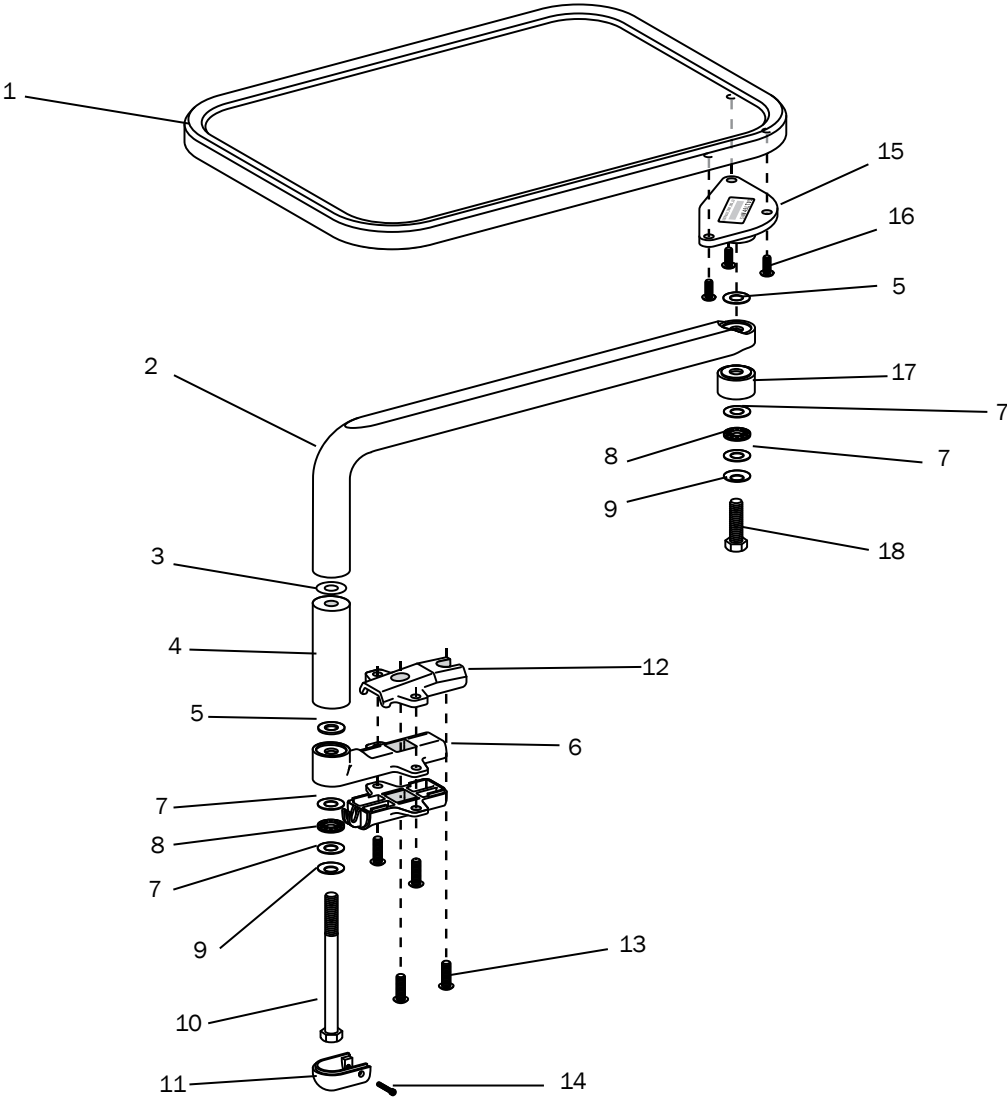
Item	Part Number	Description
1	77.0900.00 77.1000.00	Tray holder (standard shown) Tray holder (large, not shown)
2	005.135.00	Screw, hex 3/8 - 16 x 3/4"
3	004.019.00	Washer, spring
4	004.172.00	Washer, thrust
5	016.102.00	Bearing thrust
6	77.0997.00	Tray holder, bracket mount
7	39.1048.00	Washer
8	005.110.00	Screw, 10 - 32 x 1/2"
9	77.0835.00	Arm, Traditional
10	005.124.00	Screw, button socket, 10 - 32 x 1"

Continental Tray Holder (300)



Item	Part Number	Description
1	77.0900.00	Tray holder (Standard)
	77.1000.00	Tray holder (Large, not shown)
2	005.135.00	Screw, hex head, 3/8 - 16 x 3/4"
3	004.019.00	Washer, spring
4	004.172.00	Washer, thrust .374 ID
5	016.102.00	Bearing, thrust, .375 ID
6	77.0997.00	Tray holder
7	005.110.00	Screw, button head socket, 10 - 32 x 1/2"
8	39.1048.00	Washer, nylatron, .380 ID x .02
9	77.0999.00	Arm, Continental
10	002.073.00	Screw, socket head, 10 - 32 x 3/4"
11	39.1036.01	Mount, tray holder

Traditional Tray Holder (500 — Before June, 2012)

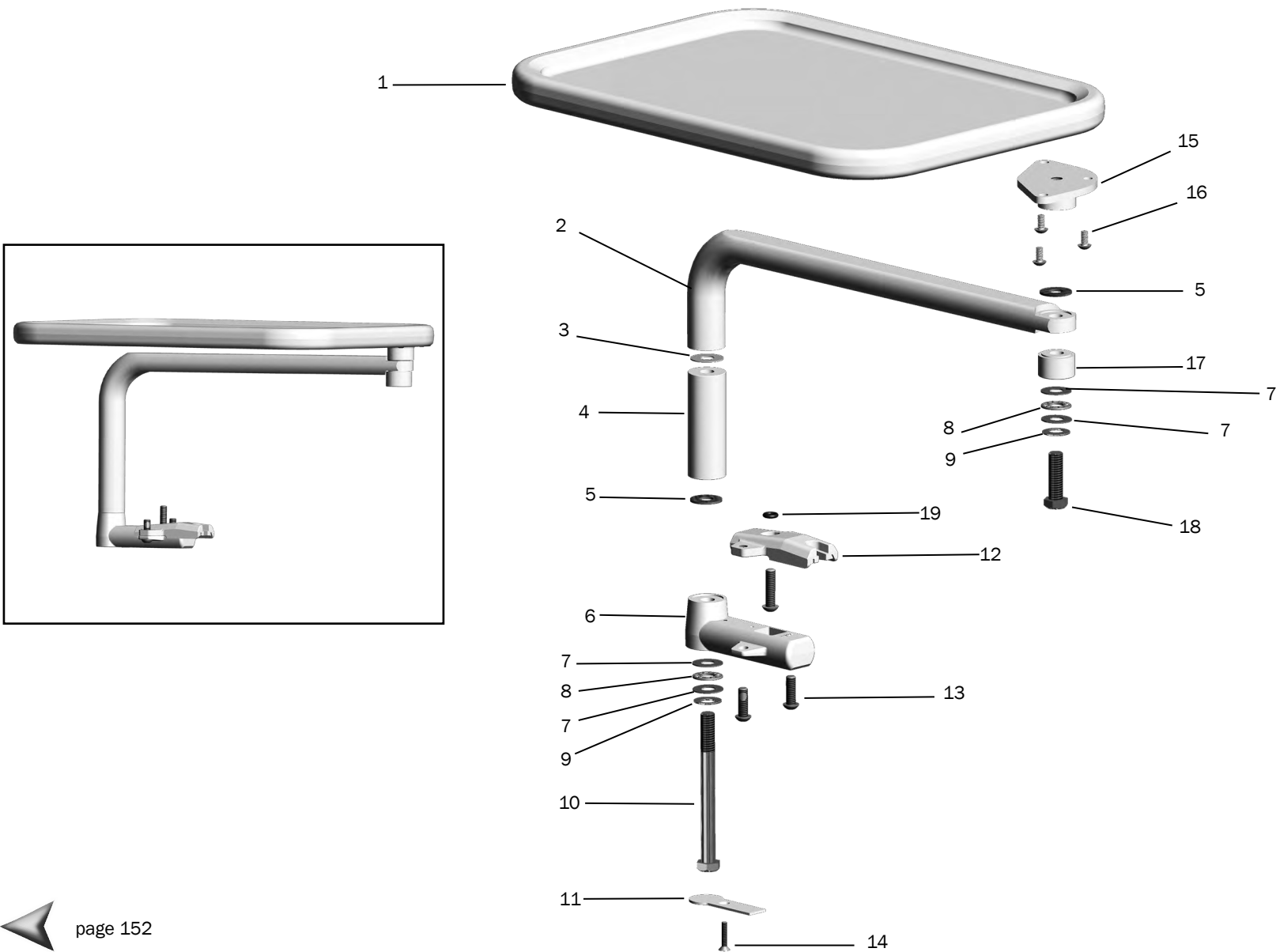


Traditional Tray Holder (500 — Before June 2012)**p/n Standard Tray Holder 77.1024.00 (white)/Large Tray Holder 77.1023.00 (white)/77.0295.00 (surf)**

Item	Part Number	Description
1	75.0017.01	Tray holder, standard, Melamine, 10.3" x 14.3", white
2	77.0189.01 77.0189.00	Arm, white Arm, surf
3	004.021.00	Washer, flat fiber
4	77.0197.01 77.0197.00	Arm extender, white Arm extender, surf
5	004.242.00	Washer, flat polyethylene, .387 ID
6	77.1221.00 77.1221.01	Tray support, white Tray support, surf
7	004.172.00	Thrust washer
8	016.102.00	Thrust bearing
9	004.019.00	Spring washer
10	005.157.00	Hex head screw
11	77.1238.00 77.1238.01	Elbow cover, white Elbow cover, surf
12	77.0332.01 77.0332.00	Base level, white Base level, surf
13	001.153.00	Screw, button head, 6-32 x 3/4"
14	002.024.00	Screw, socket head, 4-40 x 3/4"
15	77.0190.01 77.0190.00	Bracket, white Bracket, surf
16	005.012.05	Screw, button head socket, 10-32 x 3/8"
17	77.0198.01 77.0198.00	Screw cover, white Screw cover, surf
18	002.023.01	Screw, hex head, 3/8-16 x 1-1/4"



Traditional Tray Holder (500 – Effective June 2012)

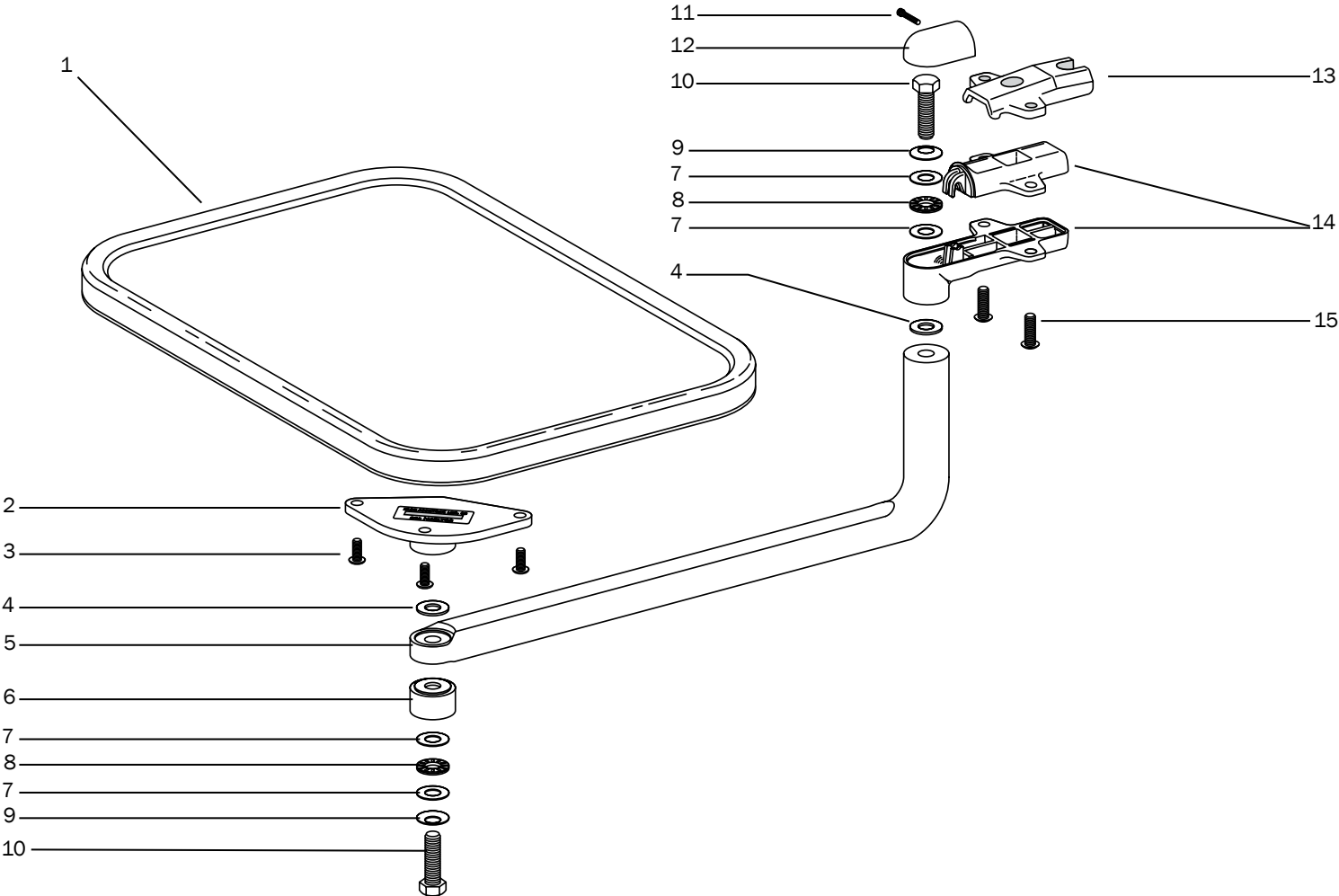


Traditional Tray Holder (500 — Effective June 2012)**p/n Standard Tray Holder 77.1024.00 (white)/Large Tray Holder 77.1023.00 (white)/77.0295.00 (surf)**

Item	Part Number	Description
1	75.0017.01	Tray holder, standard, Melamine, 10.3" x 14.3", white
2	77.0189.01 77.0189.00	Arm, white Arm, surf
3	004.021.00	Washer, flat fiber
4	77.0197.01 77.0197.00	Arm extender, white Arm extender, surf
5	004.242.00	Washer, flat polyethylene, .387 ID
6	77.1221.00 77.1221.01	Tray support, white Tray support, surf
7	004.172.00	Thrust washer
8	016.102.00	Thrust bearing
9	004.019.00	Spring washer
10	005.157.00	Hex head screw
11	77.1238.00 77.1238.01	Cover white Cover, surf
12	77.0332.01 77.0332.00	Base level, white Base level, surf
13	005.026.00	Screw, button head, 1/4-20 x 3/4" patch
14	001.151.00	Screw, flat head socket, 4-40 x 3/4"
15	77.0190.01 77.0190.00	Bracket, white Bracket, surf
16	005.012.05	Screw, button head socket, 6-32 x 3/4"
17	77.0198.01 77.0198.00	Screw cover, white Screw cover, surf
18	002.023.01	Screw, hex head, 3/8-16 x 1-1/4"
19	034.107.00	O-ring



Continental Tray Holder (500) – Before June 2012)

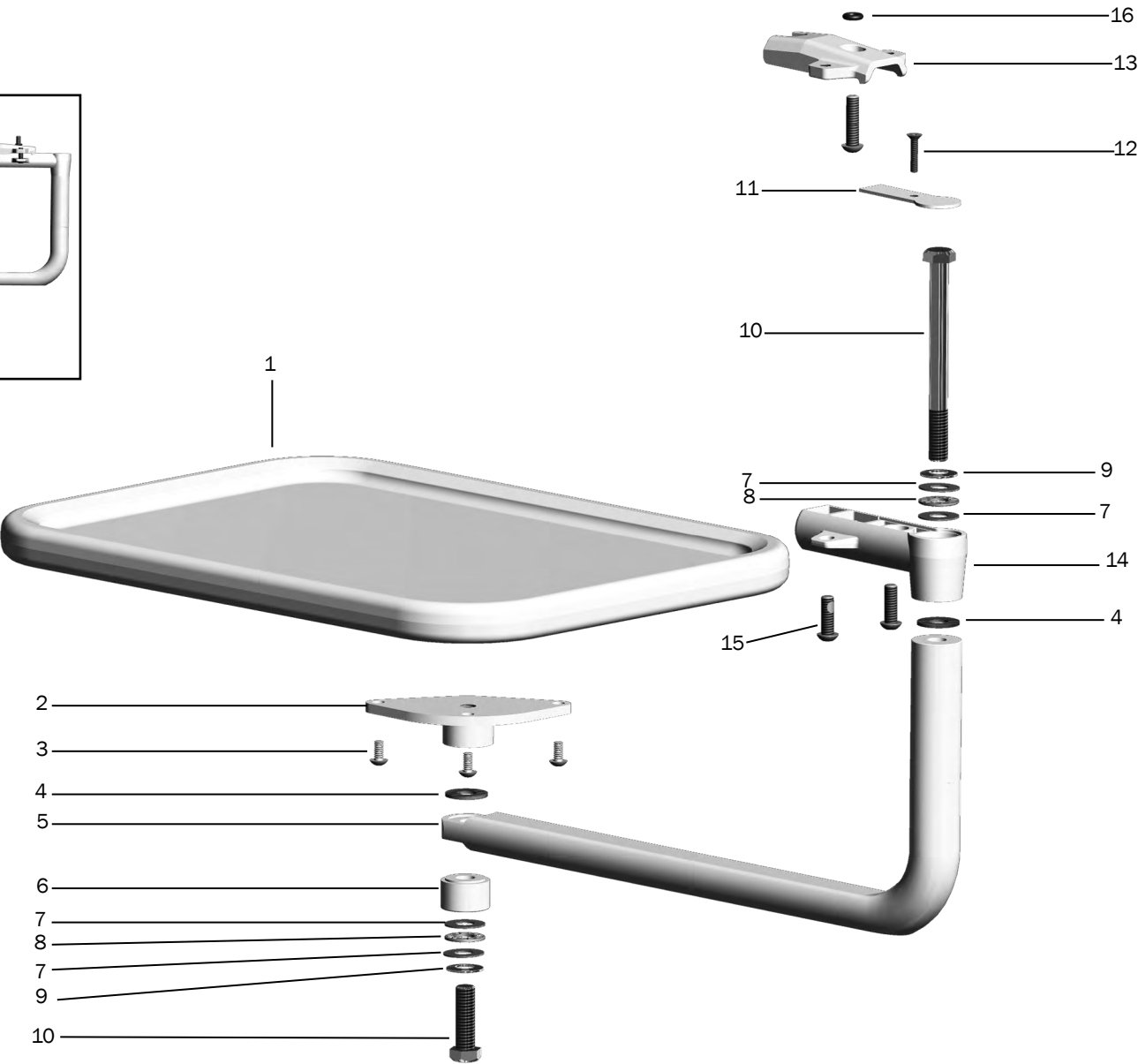
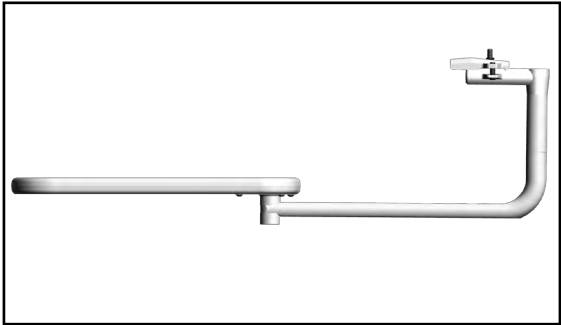


Continental Tray Holder (500 — Before June 2012)**p/n Standard Tray Holder 77.1024.01 (white)/Large Tray Holder 77.0123.01 (white) 77.0295.01 (surf)**

Item	Part Number	Description
1	75.0017.01	Tray holder, standard. white
	77.0071.01	Tray holder, large. white
	77.0071.00	Tray holder, large, surf
2	77.0190.01	Bracket, white
	77.0190.00	Bracket, surf
3	005.012.05	Screw, button head socket, 10-32 x 3/8" stainless steel
4	004.242.00	Washer, flat polyethylene, .387 ID
5	77.0189.01	Arm, white
	77.0189.00	Arm, surf
6	77.0198.01	Screw cover, white
	77.0198.00	Screw cover, surf
7	004.172.00	Washer, thrust, .375 ID
8	016.102.00	Bearing, thrust, .375 ID
9	004.019.00	Washer, spring
10	002.023.01	Screw, hex head, 3/8-16 x 1-1/4"
11	002.024.00	Screw, socket head, 4-40 x 3/4"
12	77.1238.00	Cover tray support, white
	77.1238.01	Cover tray support, surf
13	77.0332.01	Base level, white
	77.0332.00	Base level, surf
14	77.1221.00	Tray support, white
	77.1221.01	Tray support, surf
15	001.151.00	Screw, 1/16 - 32 x 3/4" flat head



Continental Tray Holder (500 – Effective June 2012)



Continental Tray Holder (500 — Effective June 2012)**p/n Standard Tray Holder 77.1024.01 (white)/Large Tray Holder 77.0123.01 (white) 77.0295.01 (surf)**

Item	Part Number	Description
1	75.0017.01	Tray holder, standard. white
	77.0071.01	Tray holder, large. white
	77.0071.00	Tray holder, large, surf
2	77.0190.01	Bracket, white
	77.0190.00	Bracket, surf
3	005.012.05	Screw, button head socket, 10-32 x 3/8" stainless steel
4	004.242.00	Washer, flat polyethylene, .387 ID
5	77.0189.01	Arm, white
	77.0189.00	Arm, surf
6	77.0198.01	Screw cover, white
	77.0198.00	Screw cover, surf
7	004.172.00	Washer, thrust, .375 ID
8	016.102.00	Bearing, thrust, .375 ID
9	004.019.00	Washer, spring
10	002.023.01	Screw, hex head, 3/8-16 x 1-1/4"
11	77.1238.00	Cover tray support, white
	77.1238.01	Cover tray support, surf
12	001.151.00	Screw, flat head socket, 4-40 x 3/4"
13	77.0332.01	Base level, white
	77.0332.00	Base level, surf
14	77.1221.00	Tray support, white
	77.1221.01	Tray support, surf
15	005.026.00	Screw, button head, 1/4-20 x 3/4" patch
16	034.107.00	O-ring



Floor Boxes



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Integrated Floor Box — 311 (A)



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Floor Box — 311 (B), 411, 511



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Contoured Floor Box — 311 (A)

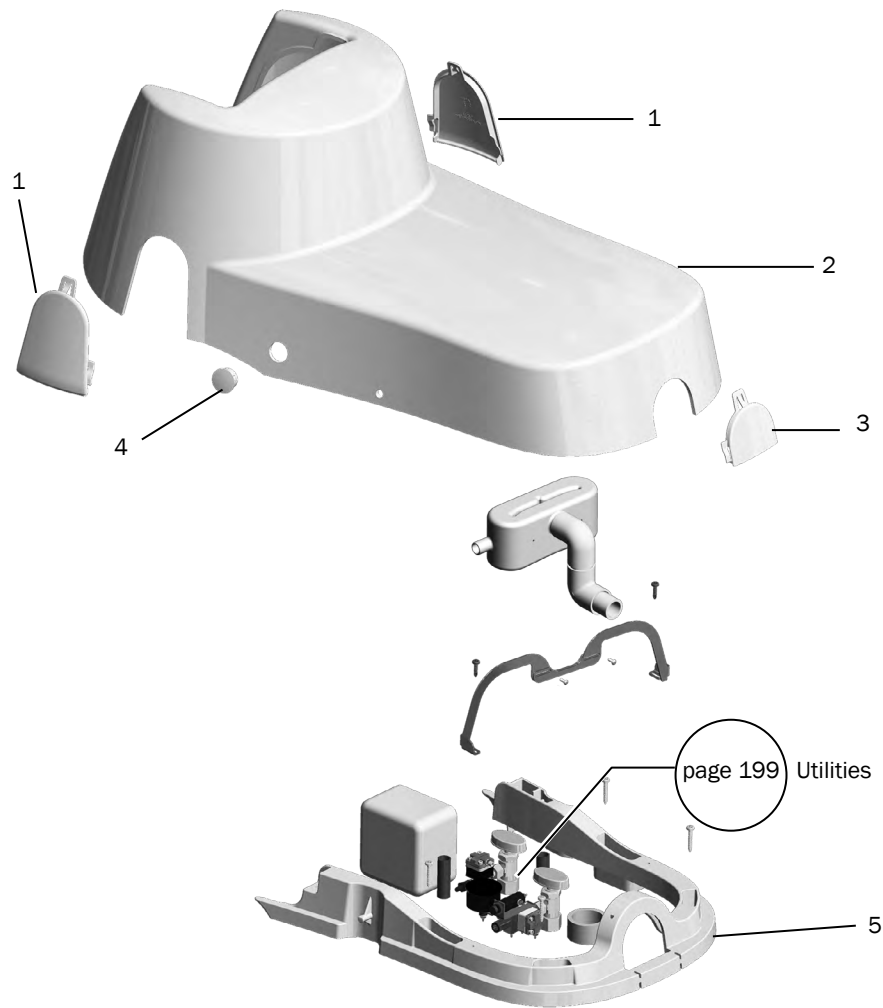


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Remote Floor Box — 300, 400, 500

Floor Boxes (300)

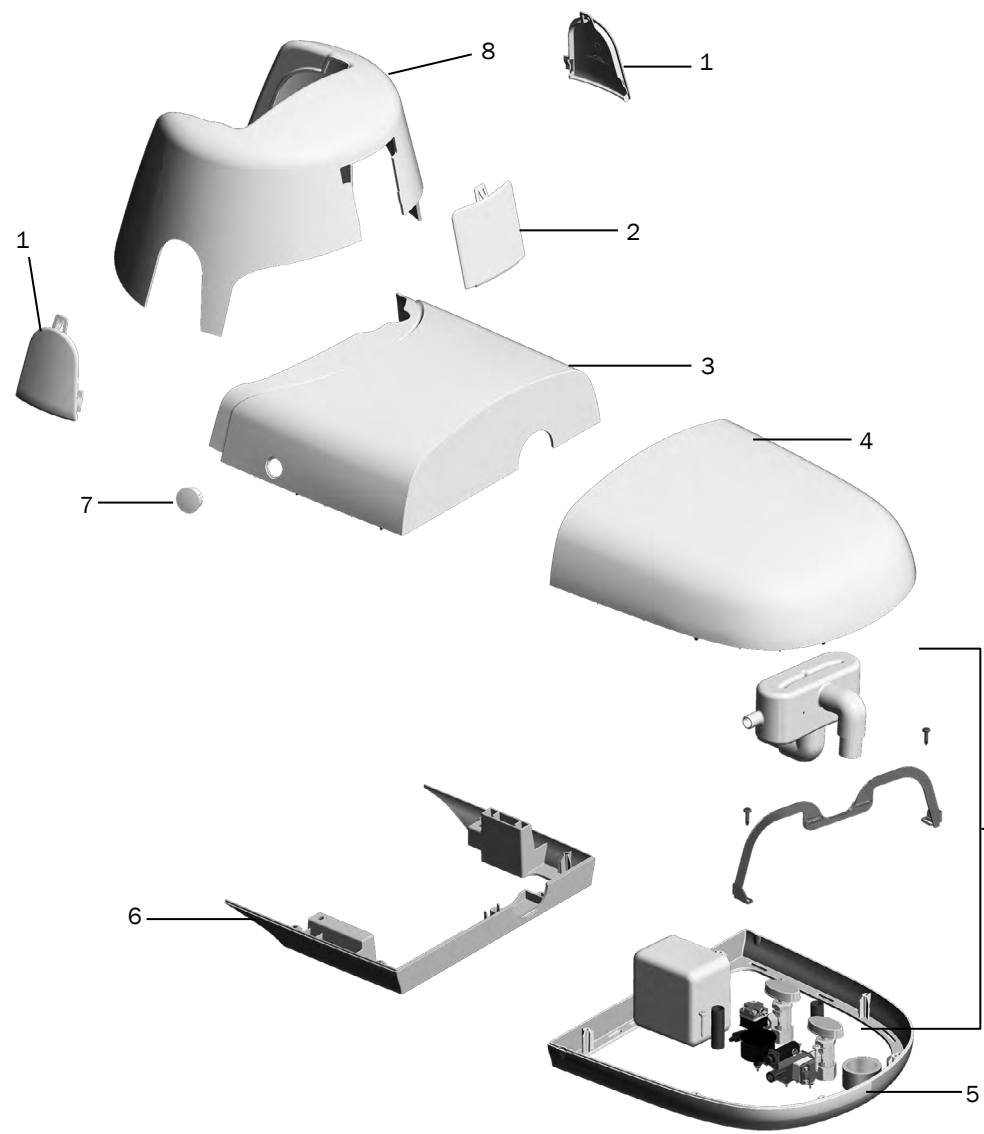
Integrated Floor Box – 311 (A)



Item	Part Number	Description
1	62.0347.00	Plug cover
2	62.0296.00	Utility cover
3	62.0348.00	Umbilical cover
4	018.119.00	Plug
5	62.0300.00	Cover ring

Replacement Kit	Items Included	Description
62.0674.00	1 - 4	Single piece cover kit

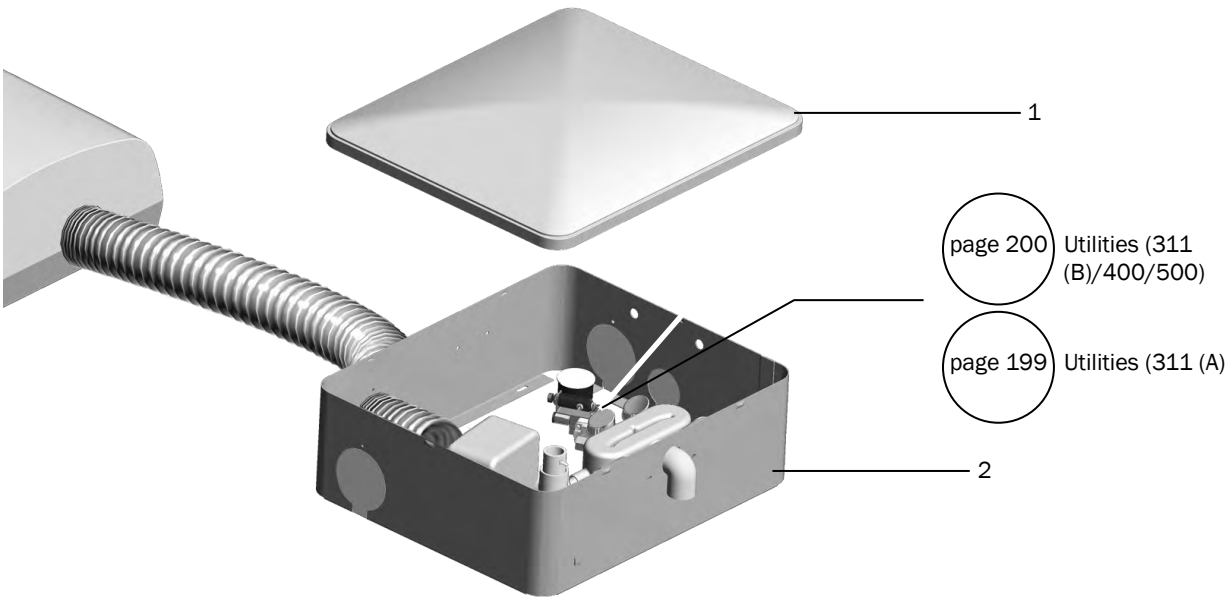
Contoured Floor Box – 311 (A)



Item	Part Number	Description
1	62.0347.00	Plug cover
2	62.0663.00	Radius mount cover
3	62.0656.00	Power supply cover
4	62.0655.00	Floor box cover
5	62.0658.00	Floor box frame
6	62.0659.00	Power supply frame
7	018.119.00	Plug
8	62.0657.00	Chair pump cover

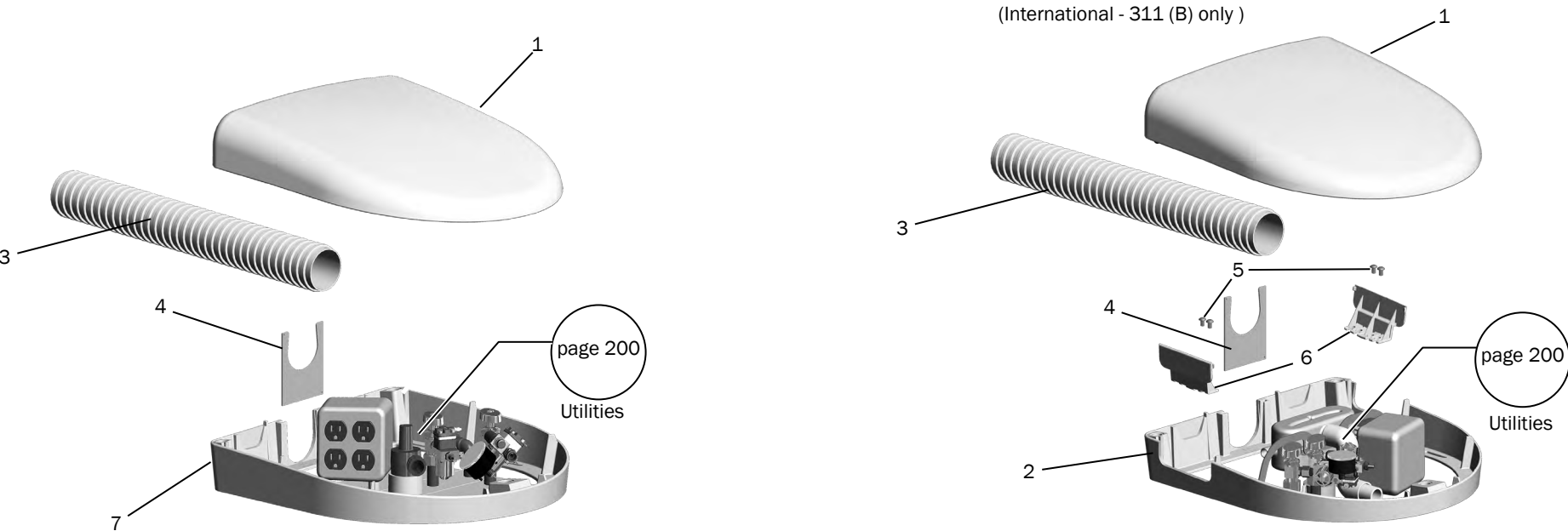
page 199 Utilities

Remote Floor Box – 300/400/500



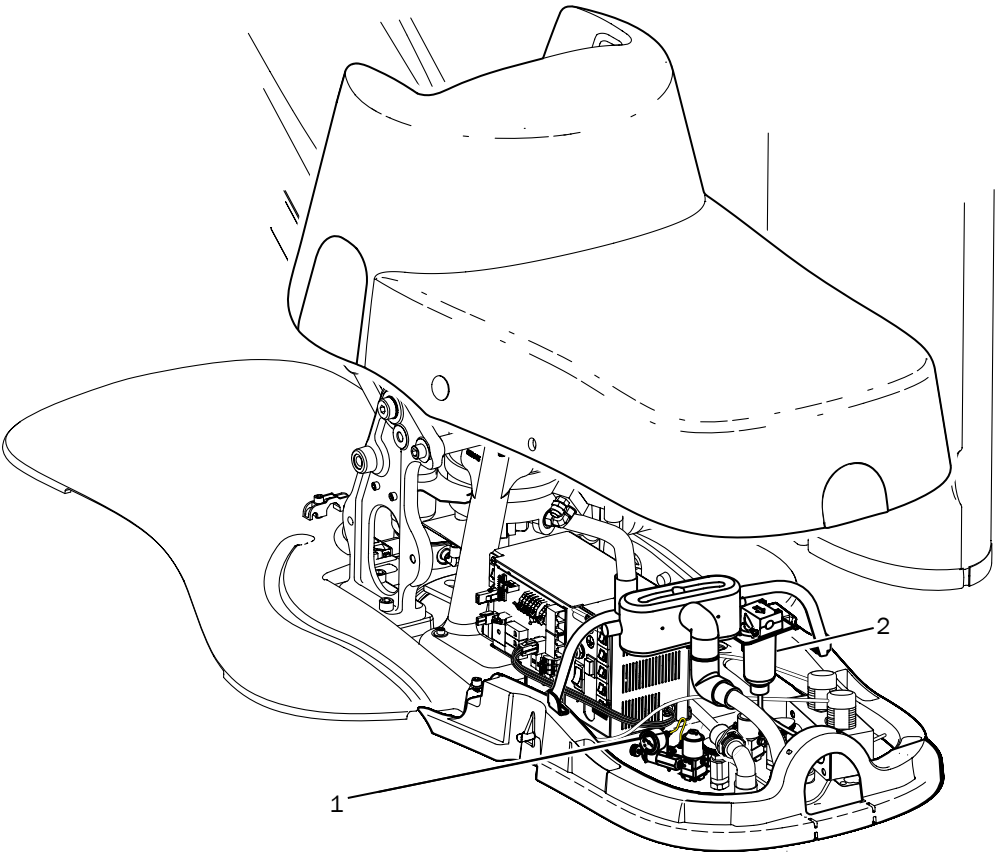
Item	Part Number	Description
1	41.0413.01	Cover
2	41.1507.00	Floor box frame

Floor Box — 311 (B)/400/500



Item	Part Number	Description
1	41.1464.02	Utility cover
2	41.1538.00	Floor box base
3	024.246.00	Tubing, 3" OD
4	41.1476.00	Clip
5	005.145.00	Button head socket patch screw
6	62.0908.00	Plugs
7	41.1467.00	Floor box base

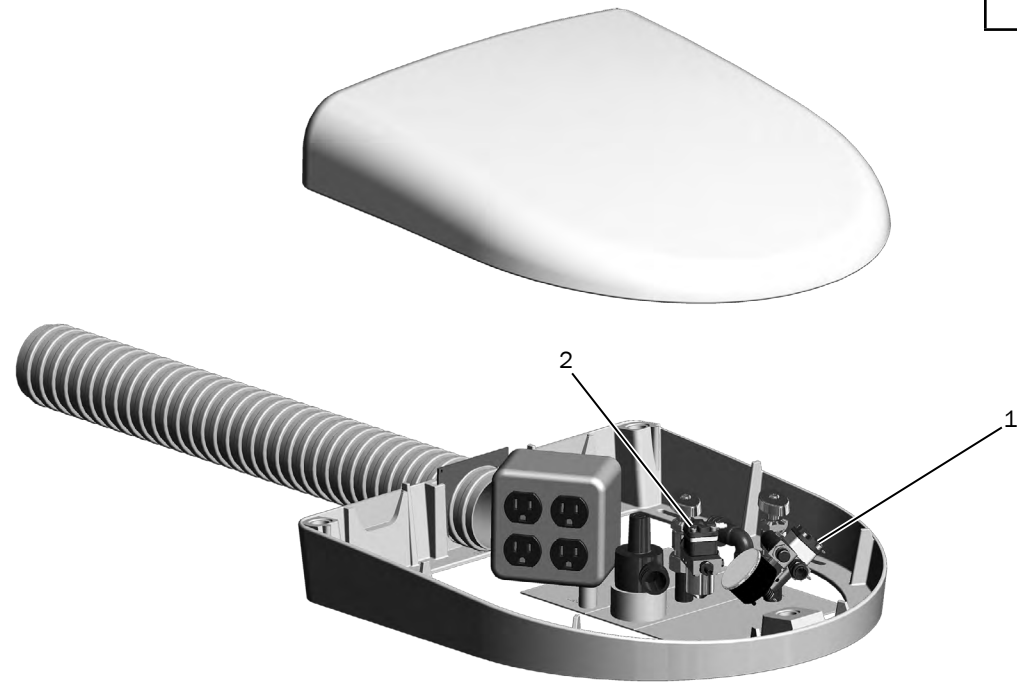
Utilities – 311 (A)



Item	Part Number	Description
1	24.0475.00	Air filter/regulator with pre-regulator
2	41.1477.00	Moisture separator (optional)

Utilities – 311 (B)/400/500

Item	Part Number	Description
1	24.0475.00	Air filter regulator assembly (500)
	24.0463.01	Air filter regulator assembly (300 (B))/400)
2	24.0474.00	Water filter regulator assembly



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