

A-dec Performer Service Reference

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Product Service

For service information, contact your local authorized A-dec dealer. To find your local dealer, go to www.a-dec.com.

Contact Information and Other Resources

See page 2.



Regulatory Information

Warranty information 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
Performer 8000	B	Assistant's Instrumentation
Performer 8000	B	Chair
Performer 8000	B	Delivery System
Performer 8000	A	Dental Light
Performer 8000	B	Support Center

Customer Service Information

For questions not addressed in this document, contact A-dec Customer Service using contact information for your region.

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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 Performer Service Guide* (86.0606.00)
- *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)

Electronic Documentation

The latest versions of all A-dec technical 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.

Contents

A-dec Performer
Dental Light

page 36



For information about monitor mounts, see the *A-dec Dental Lights and Monitor Mounts Service Reference*, p/n 86.0328.00.

For information about dental lights other than the A-dec Performer Dental Light, see the *A-dec Dental Lights and Monitor Mounts Service Reference*, p/n 86.0328.00).

Assistant's
Instrumentation

page 31

page 26

Support Center
and Cuspidor

page 4

Dental Chair

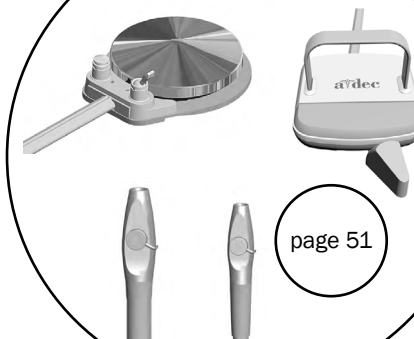
Delivery
System

page 16

page 42

Utilities

Accessories



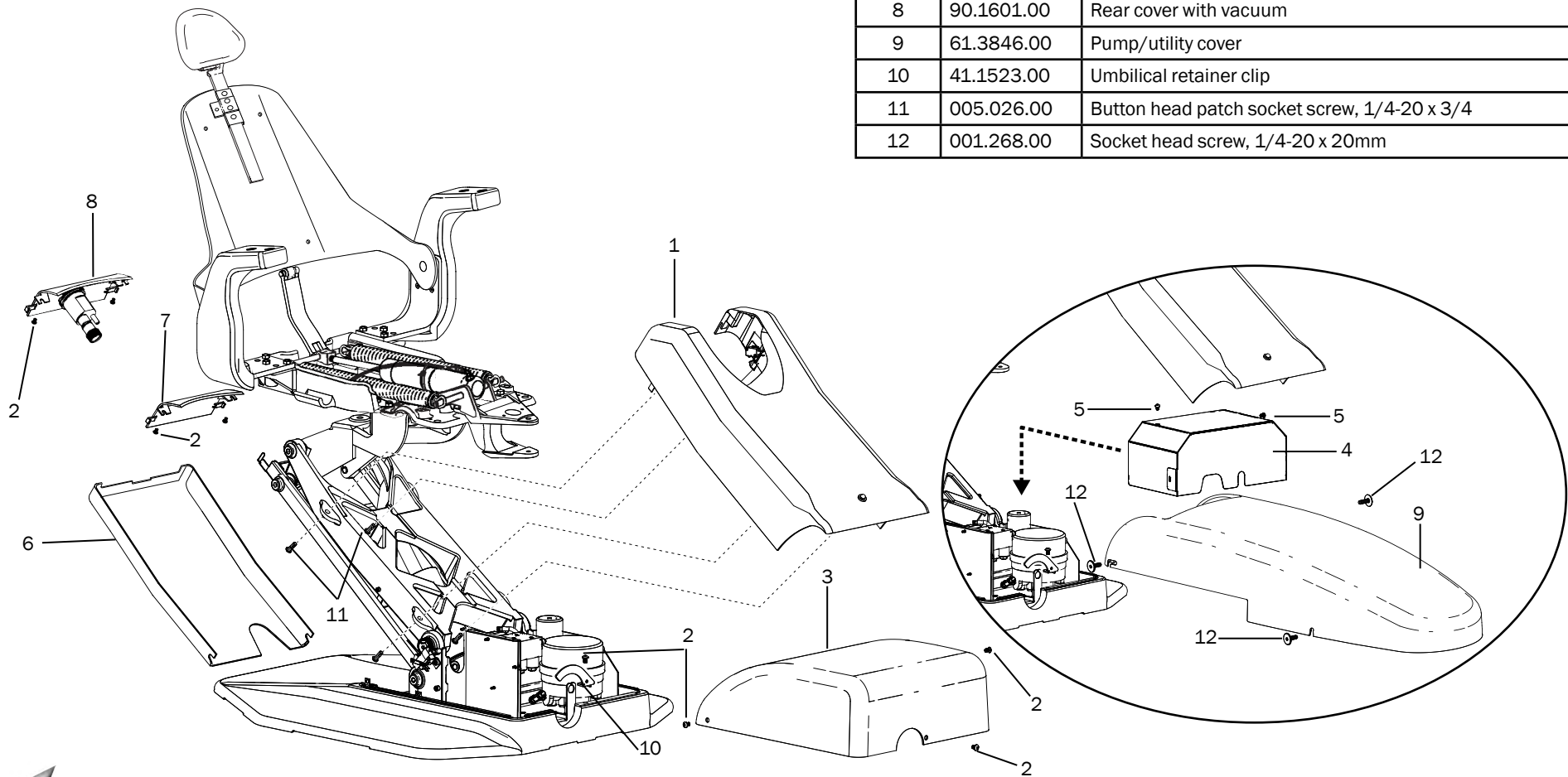
page 51

Dental Chair

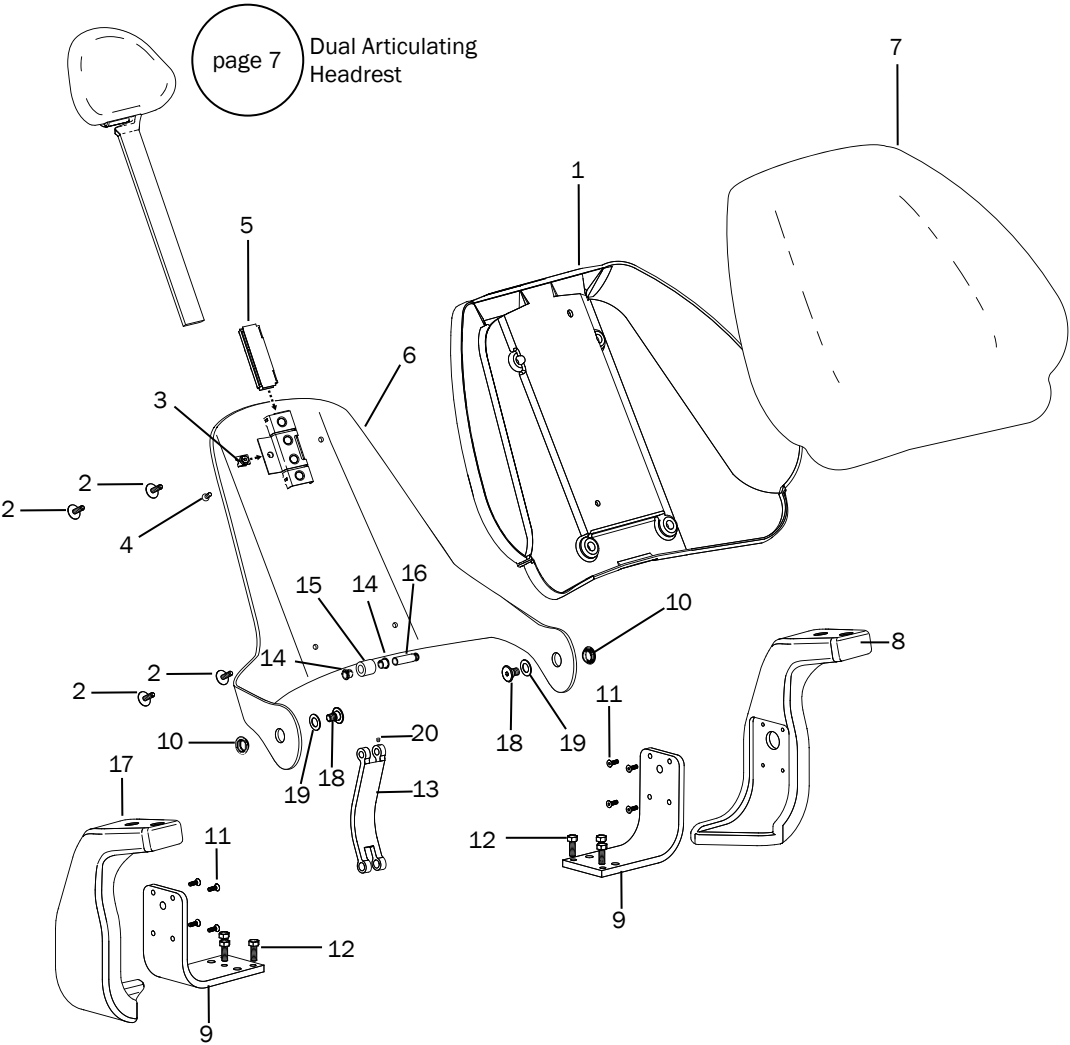


Chair Covers

Item	Part Number	Description
1	61.2243.02	Liftarm cover
2	005.143.00	Button head socket patch screw, 1/4-20 x 3/8
3	61.3905.00	Hydraulic pump cover
4	90.1503.00	Pump cover
5	002.094.02	Button head socket screw, 10-32 x 1/4
6	61.3908.01	Safety plate, gray 3
7	61.2239.01	Rear cover
8	90.1601.00	Rear cover with vacuum
9	61.3846.00	Pump/utility cover
10	41.1523.00	Umbilical retainer clip
11	005.026.00	Button head patch socket screw, 1/4-20 x 3/4
12	001.268.00	Socket head screw, 1/4-20 x 20mm



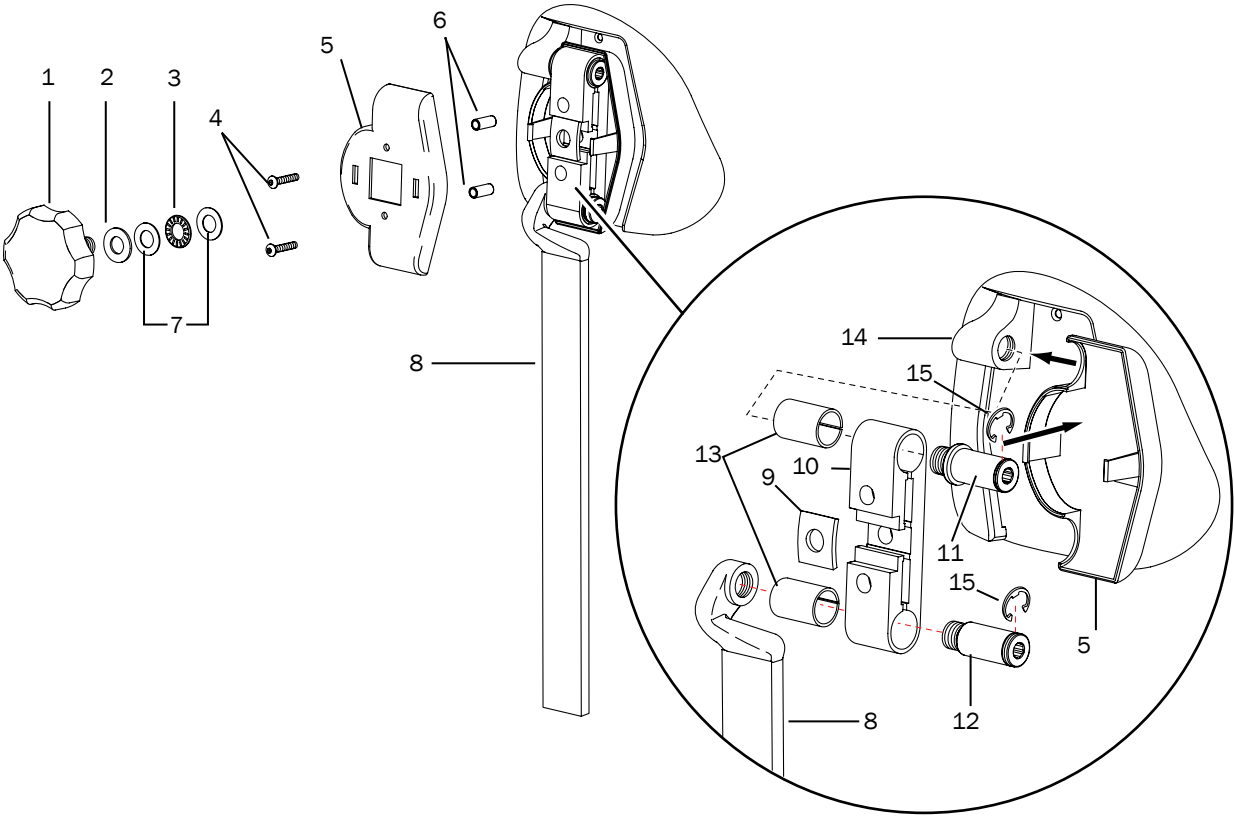
Upper Chair



Item	Part Number	Description
1	61.2754.01	Wide back cover, white 2
2	001.268.00	Socket head screw, 1/4-20 x 20 mm SST
3	006.122.01	Retainer nut, 10-32 steel zinc, pkg of 8
4	005.147.00	Flat head socket screw, 1/4-20 X 3/4
5	61.2743.00	Headrest brake shoe
6	61.2738.01	Back weldment
7	--	Back upholstery
8	61.2762.01	Left arm support
9	61.2744.01	Arm support plate
10	61.3108.00	Flanged bearing
11	001.204.00	Flat head socket patch screw, 10-32 x 5/8
12	005.068.00	Hex head patch screw, 5/16-18 x 7/8
13	61.2741.02	Back link
14	016.131.00	Bushing
15	007.069.00	Set screw, socket 1/4-20 X 1/4
16	61.2740.00	Backrest link pin
17	61.2763.01	Right arm support
18	61.2756.00	Shoulder socket screw, 1/2-13
19	004.148.00	Flat nylatron washer, .630 ID
20	007.069.00	Cup point setscrew, 1/4-20 x 1/4

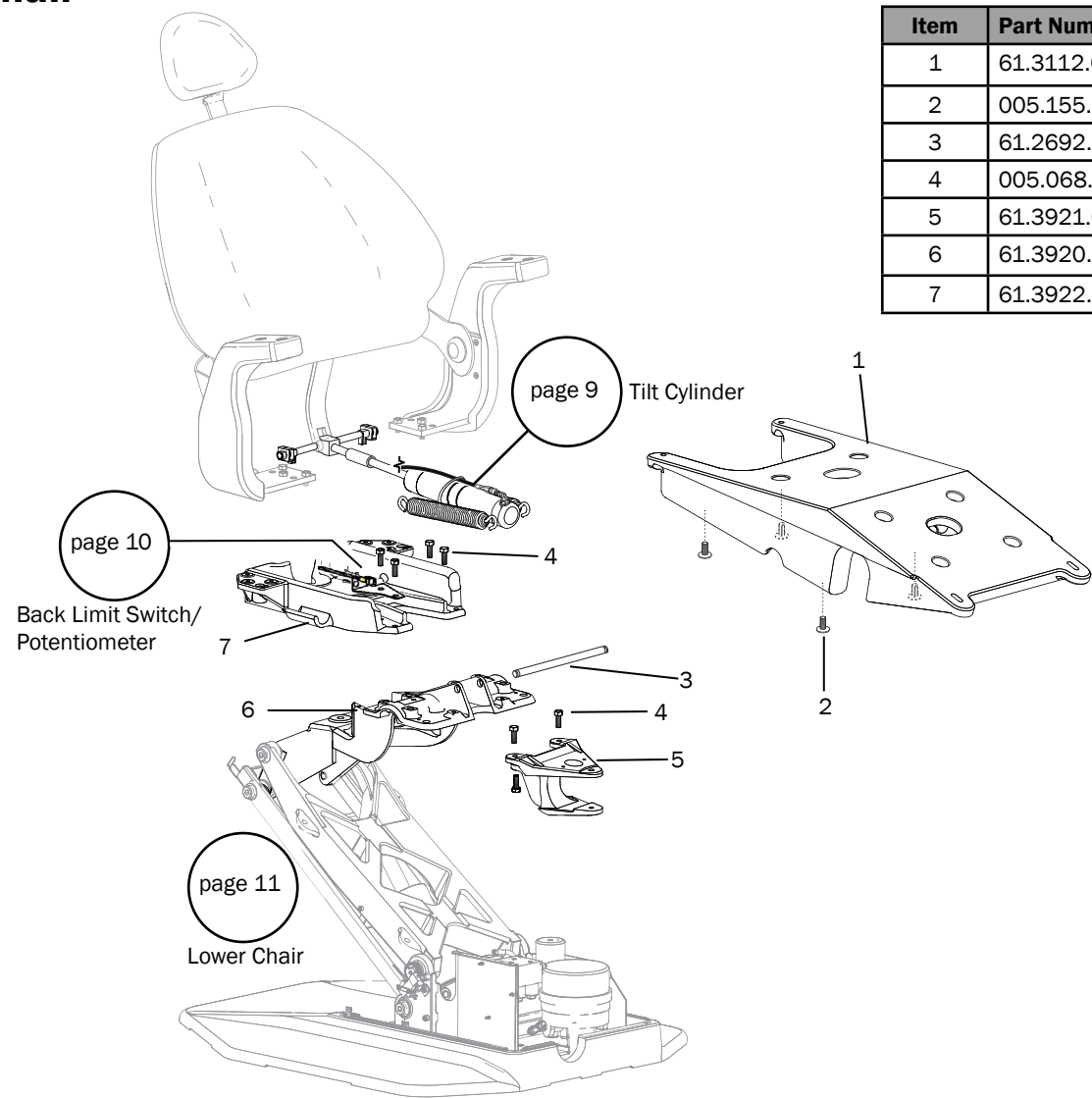
Dual Articulating Headrest

p/n 61.2265.01



Item	Part Number	Description
1	61.1232.02	Knob, locking headrest
2	004.061.00	Flat nylatron washer, .503 ID
3	016.033.00	Bearing, thrust needle, .500 ID
4	005.124.00	Button head patch screw, 10 - 32 x 1 SST
5	61.3762.01	Pivot block cover
6	61.2172.00	Tube spacer
7	004.136.00	Washer, thrust bearing, .500 ID
8	61.2283.00	Glidebar
9	61.2121.00	Clamp bar
10	61.2190.00	Pivot block
11	61.2248.00	Pivot shaft
12	61.2338.00	Pivot pin
13	61.0816.00	Bushing
14	61.2267.02	Cushion back cover
15	010.024.00	Retaining ring, 3/4 ID

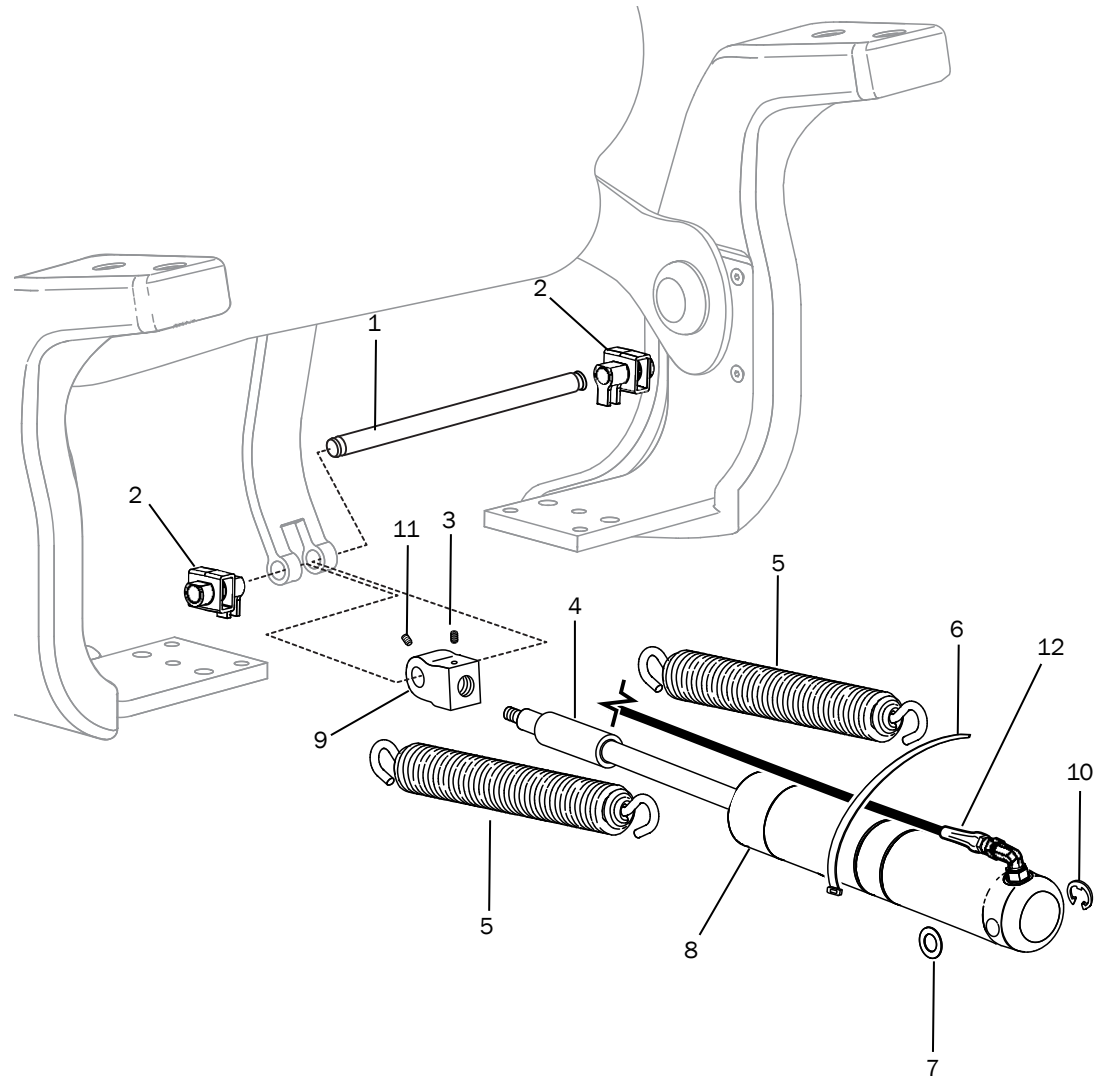
Mid Chair



Item	Part Number	Description
1	61.3112.01	Support armature
2	005.155.00	Decorative hex drive bolt, 1/4-20 x 20 mm
3	61.2692.00	Rod
4	005.068.00	Hex head patch screw, 5/16-18 x 7/8
5	61.3921.00	Front mount bracket
6	61.3920.00	Upper structure
7	61.3922.00	Top upper structure

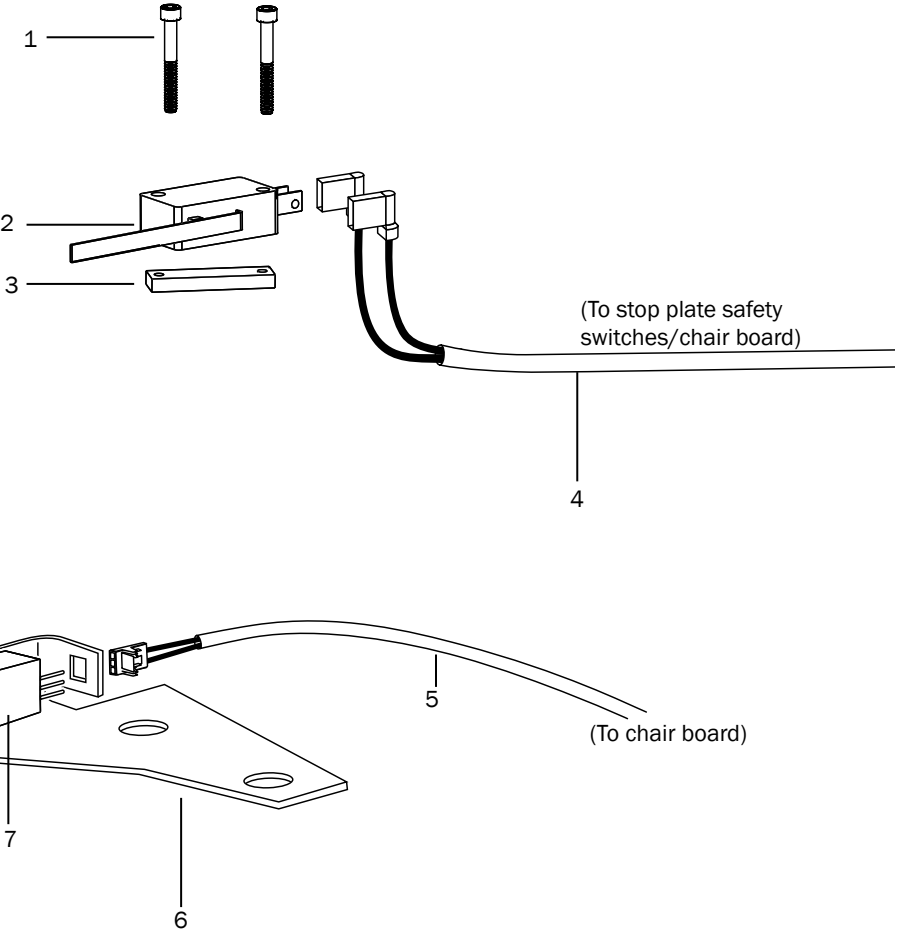
Tilt Cylinder Assembly

Item	Part Number	Description
1	61.2693.00	Rod
2	61.2082.00	Slide block
3	007.024.00	Patch cup point setscrew, 1/4-20 x 3/8
4	61.3906.00	Stop, back down, chair
5	013.054.00	Spring
6	025.003.01	Cable ties, pkg of 10
7	004.035.00	Flat nylatron washer, .511 ID
8	61.2050.01	Tilt cylinder
9	61.2069.00	Lug
10	010.031.00	E-ring external retaining ring, 1/2 ID
11	007.069.00	Patch socket cup point setscrew, 1/4-20 x 1/4
12	61.2124.00	Hydraulic hose, 51.5"



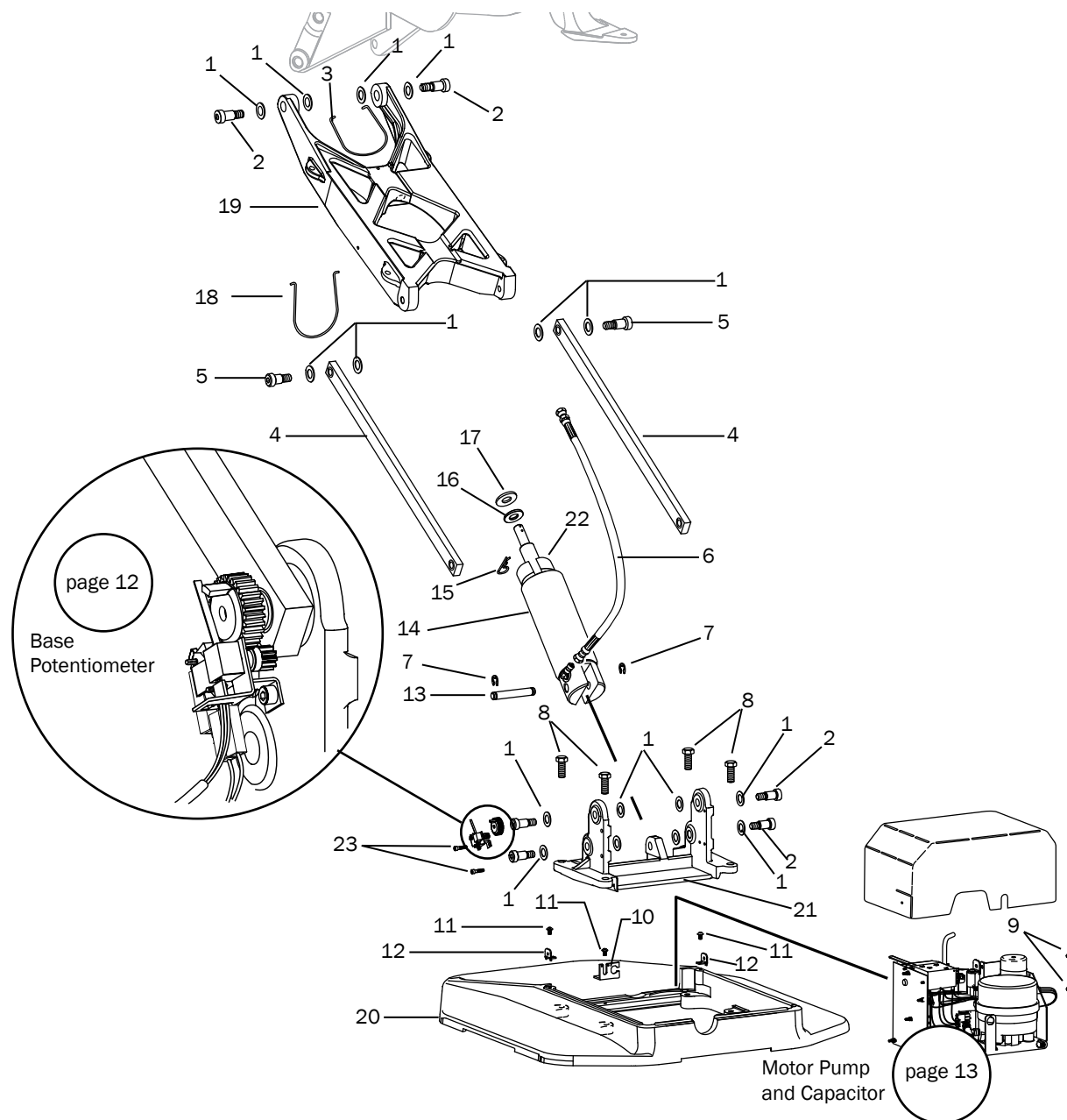
Back Limit Switch and Potentiometer Assembly

Item	Part Number	Description
1	002.102.00	Socket head screw, 4-40 x 7/8
2	044.184.00	Switch, 15 Amp 125 volt
3	60.0080.00	Mounting plate
4	61.2099.00	Tilt limit switch cable assembly
5	61.1503.00	Wire assembly
6	61.2694.00	Bracket
7	041.372.00	Potentiometer, 5 k ohm with nut
8	036.031.01	Yellow 3/8" OD tubing 10'
9	025.113.00	Compression ring, .320
10	61.2062.00	Helical drive shaft
11	61.2061.00	Helical drive shaft assembly



Lower Chair

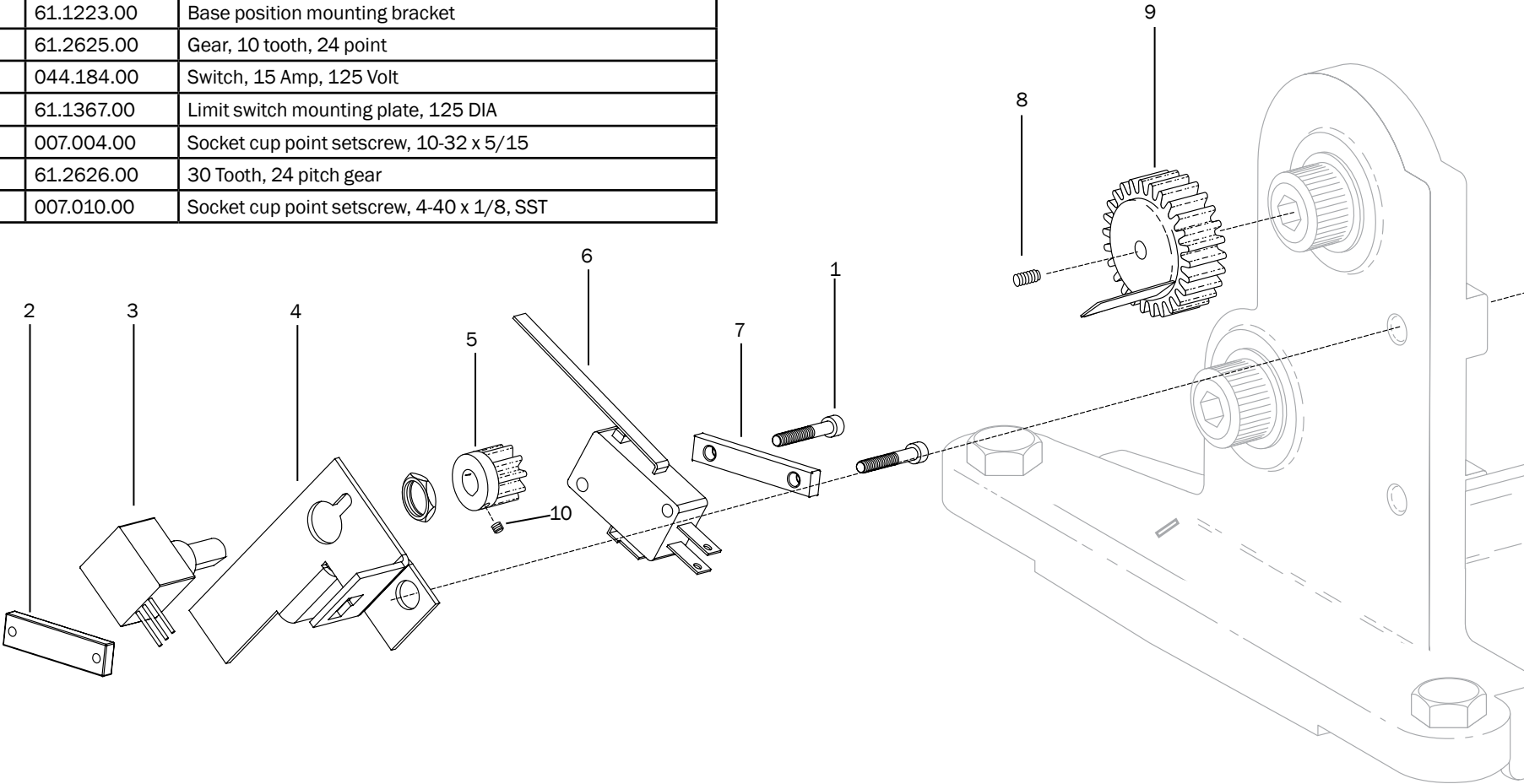
Item	Part Number	Description			
1	004.148.00	Nylatron washer, .630 ID			
2	001.165.00	Socket shoulder screw, 1/2-13 x 5/8 x 7/8			
3	41.1514.00	Umbilical support			
4	61.1294.00	Link			
5	001.164.00	Socket shoulder patch screw, 1/2-13 x 5/8 x 5/8, black steel			
6	61.0109.02	Hydraulic hose, 12.75"			
7	010.031.01	Retaining clip 1/2 ID SST			
8	001.163.00	Hex head cap patch screw, 1/2-13 x 1-1/4			
9	005.008.01	Socket head patch screw, 1/4-20 x 1/2			
10	61.1650.00	Foot control bracket			
11	005.143.00	Button head socket patch screw, 1/4 x 3/8			
12	61.1286.00	Pump cover mount bracket			
13	61.1285.00	Pivot pin			
14	90.1312.00	Lift cylinder			
15	011.046.00	Clip pin .125 DIA, steel			
16	004.104.00	Steel washer, .640 ID			
17	004.149.00	Neoprene washer, .680 ID			
18	41.1144.00	Umbilical retainer			
19	61.2095.01	Lift arm			
20	61.3910.00	Baseplate <td>21</td> <td>61.1277.01</td> <td>Sub-base</td>	21	61.1277.01	Sub-base
22	61.3053.00	Cylinder stop			
23	002.120.00	Socket head patch screw, 1/4-20 x 1			



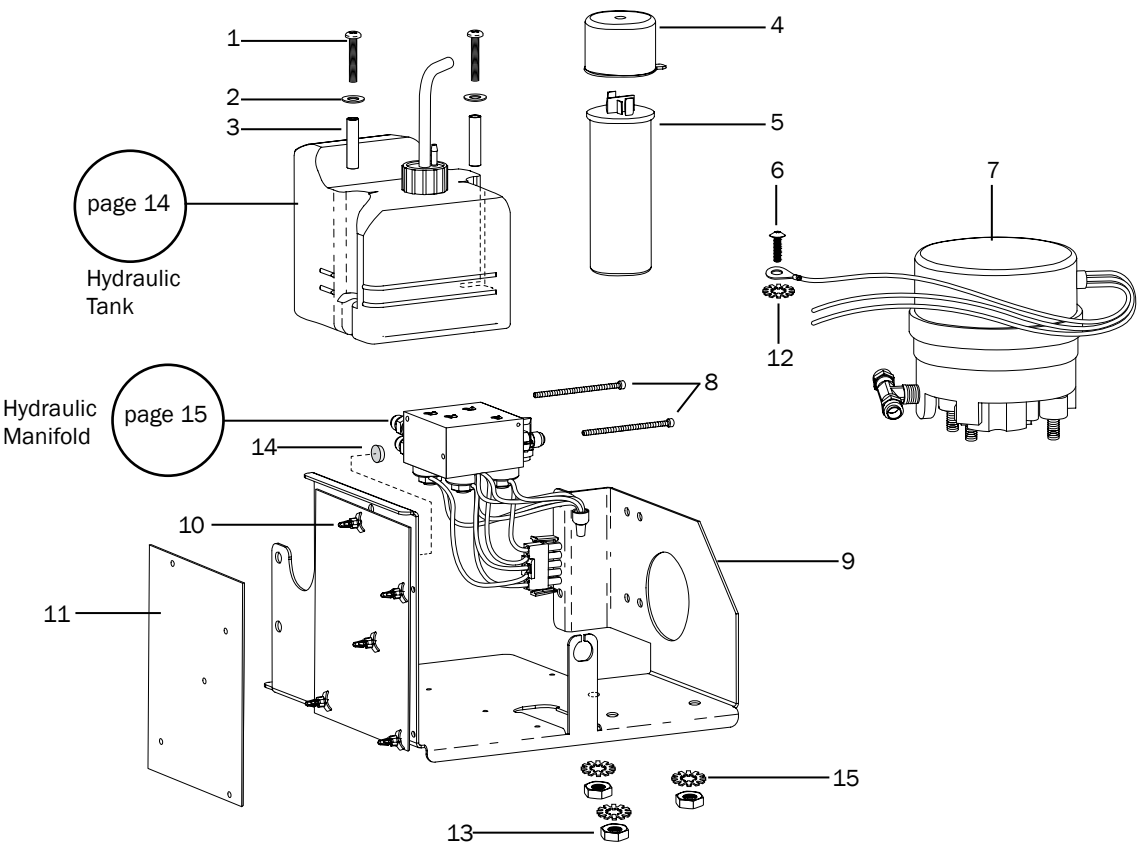
Base Position Potentiometer

p/n 61.1221.00

Item	Part Number	Description
1	002.024.00	Socket head screw, 4-40 X 3/4, SST
2	60.0080.00	Mounting plate
3	041.372.00	Potentiometer, 5 K Ohm
4	61.1223.00	Base position mounting bracket
5	61.2625.00	Gear, 10 tooth, 24 point
6	044.184.00	Switch, 15 Amp, 125 Volt
7	61.1367.00	Limit switch mounting plate, 125 DIA
8	007.004.00	Socket cup point setscrew, 10-32 x 5/15
9	61.2626.00	30 Tooth, 24 pitch gear
10	007.010.00	Socket cup point setscrew, 4-40 x 1/8, SST



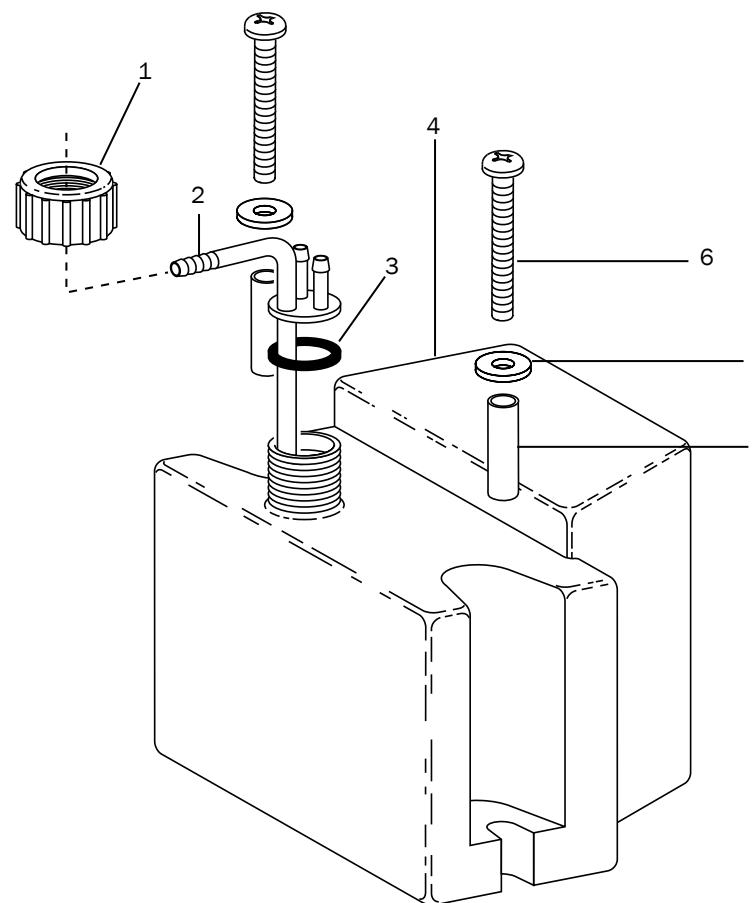
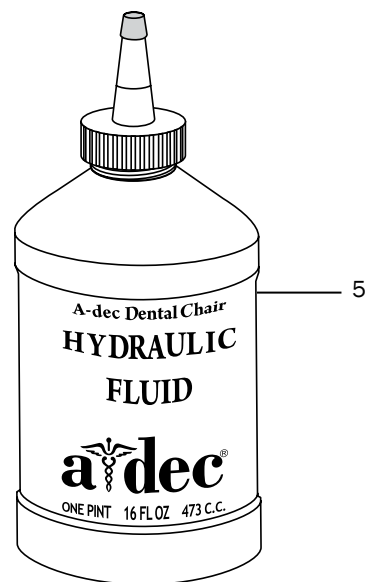
Motor Pump and Capacitor



Item	Part Number	Description
1	002.052.00	Pan head Phillips screw, 10-32 X 1-1/2, SST
2	004.230.00	Stainless steel washer, .203 ID
3	037.052.00	Spacer
4	041.529.00	Boot
5	041.627.00 041.504.00	Capacitor, 100 V, 120 V, chair Capacitor, 240 V, chair
6	001.064.00	Truss head Phillips screw, 10-32 x 3/4, SST
7	61.1327.00 61.1328.00	Motor pump assembly, 100/115 V Motor pump assembly, 240 V
8	002.100.01	Socket head screw, 6-32 X 2-3/4
9	61.1338.00	Motor pump tray
10	041.428.00	Standoff
11	90.1029.02	Chair circuit board, 100-240 Volt
12	004.076.00	External tooth lock washer, #10
13	006.410.00	Hex nut, 8 mm x 1.25 mm
14	017.007.01	Bumper, pkg of 25
15	004.091.00	Star washer, 5/16 ID

Hydraulic Tank

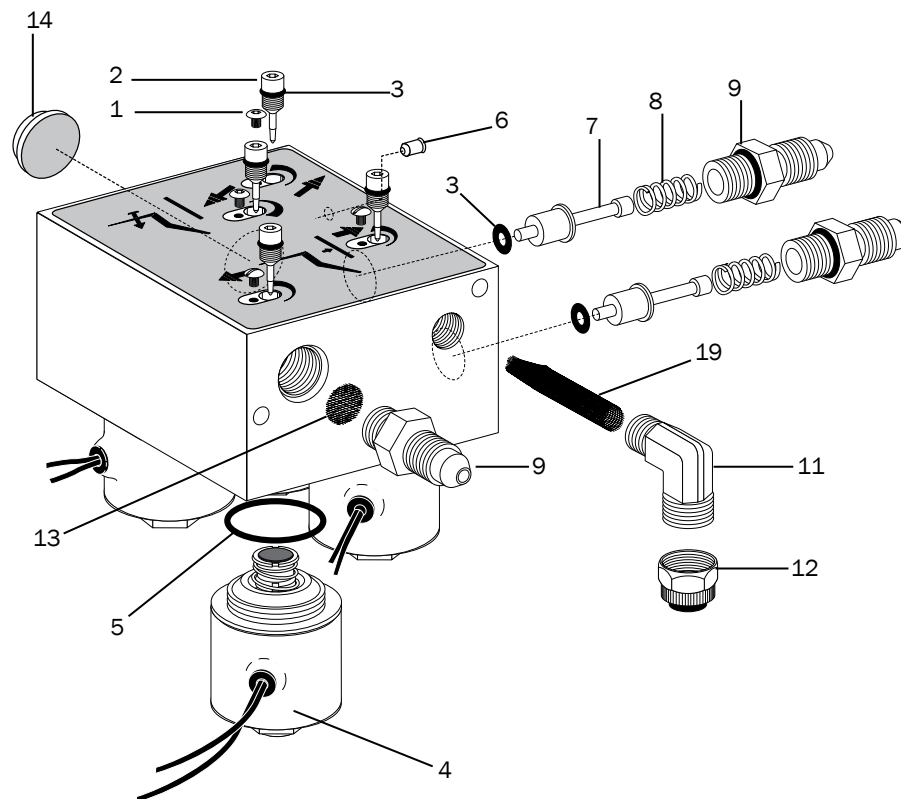
Item	Part Number	Description
1	006.112.00	Garden hose thread nylon retainer nut, 3/4"
2	61.1489.00	Pick-Up Tube Solder Assembly
3	004.161.00	Flat Buna-N washer, .75 ID
4	90.1391.00	Hydraulic oil install kit (includes items 4, 6, and 7)
5	61.0197.00	Hydraulic fluid, 1 pint
6	002.052.00	Pan head Phillips screw, 10-32 x 1-1/2
7	004.166.00	Steel washer, .203 ID
8	004.230.00	Spacer, .195 ID x .25 OD x 1.085 LG



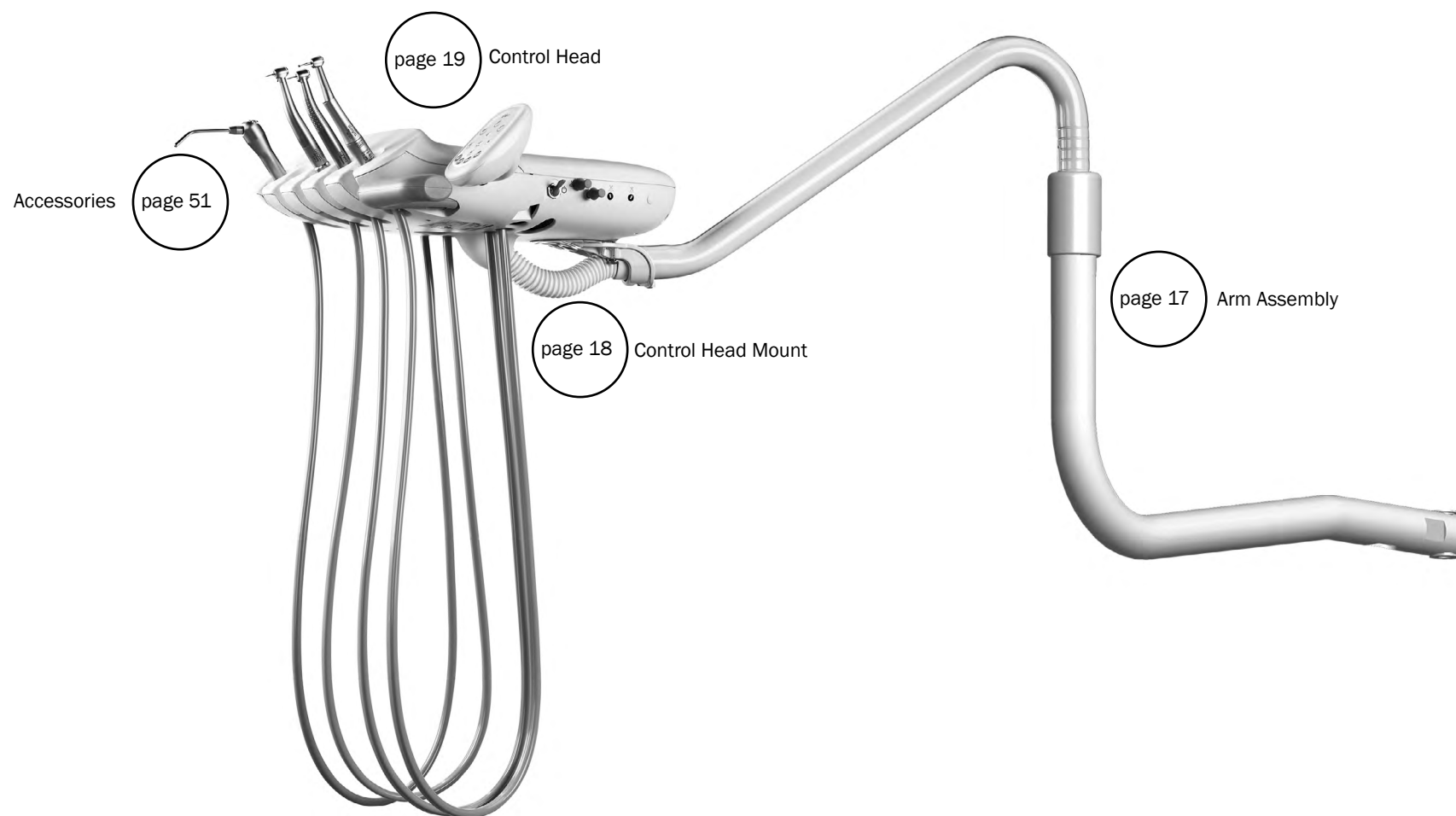
Hydraulic Manifold

p/n: 61.1332.00 100 V, 61.1333.00 120 V, 61.1334.00 240 V

Item	Part Number	Description
1	002.118.02	Button head socket screw, 4-40 x 3/16, pkg of 5
2	61.0460.00	Flow adjust screw with O-ring, 10-56
3	030.004.02	O-ring, AS568-004 pkg of 10
4	61.1335.00 61.1336.00 61.1337.00	Solenoid, 8-watt, 100 V, yellow wires Solenoid, 8-watt, 120 V, black wires Solenoid, 8-watt, 240 V, red wires
5	030.015.02	O-ring, AS568-015, pkg of 10
6	018.057.00	Expanding plug
7	61.0461.01	Check valve with O-ring (includes item 3)
8	013.044.00	Compression spring, .250 OD x .40 free length, SST
9	022.049.00	Straight fitting with O-ring, JIC 37 degree
10	61.0465.00	Outlet screen
11	022.067.00	Elbow fitting, 3/8 poly-flo x 1/8 MPT brass
12	022.014.01	Nut with sleeve, 3/8 poly-flo, plated
13	61.0464.00	Inlet screen
14	017.007.01	Bumper pad, pkg of 25

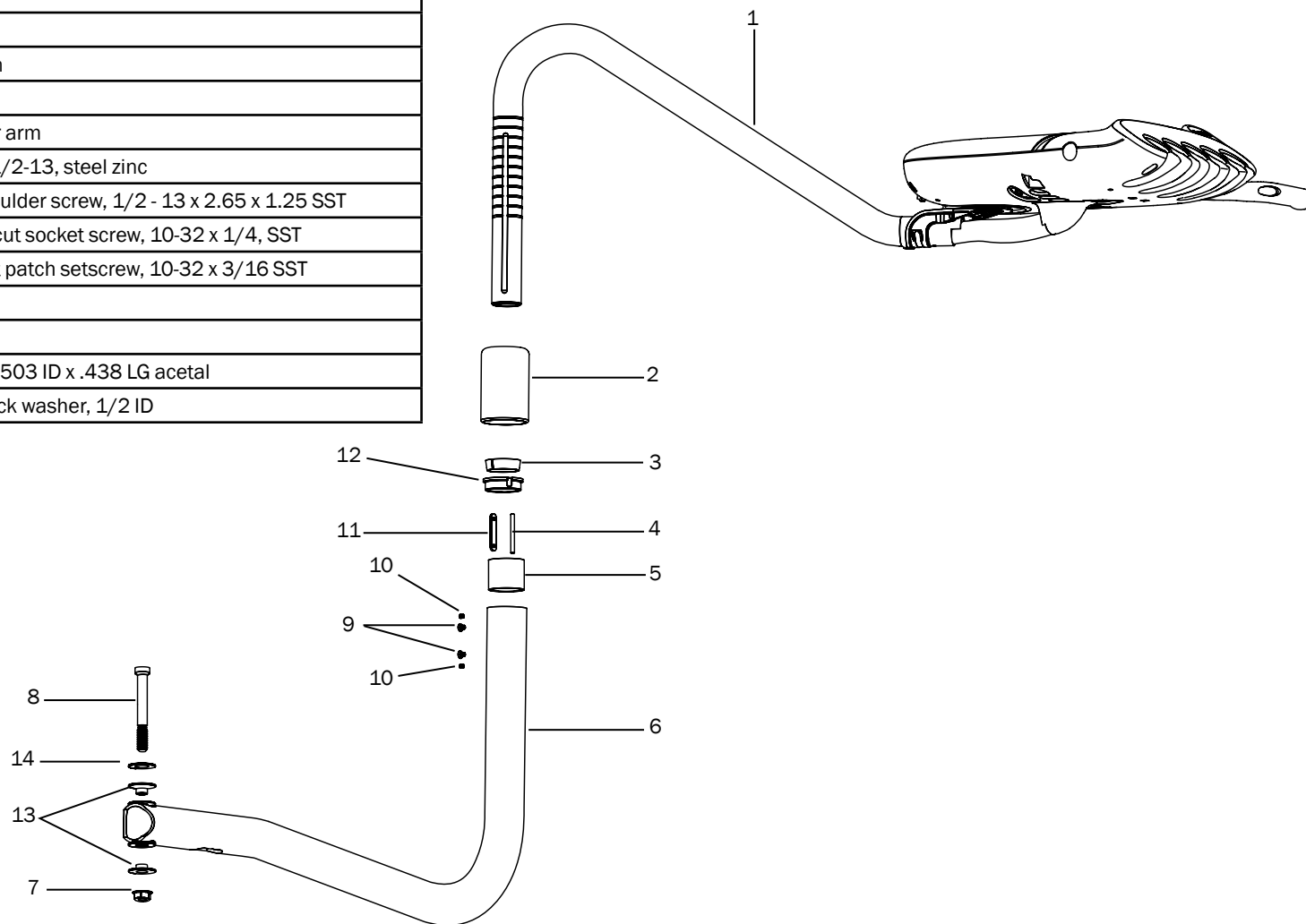


Delivery System



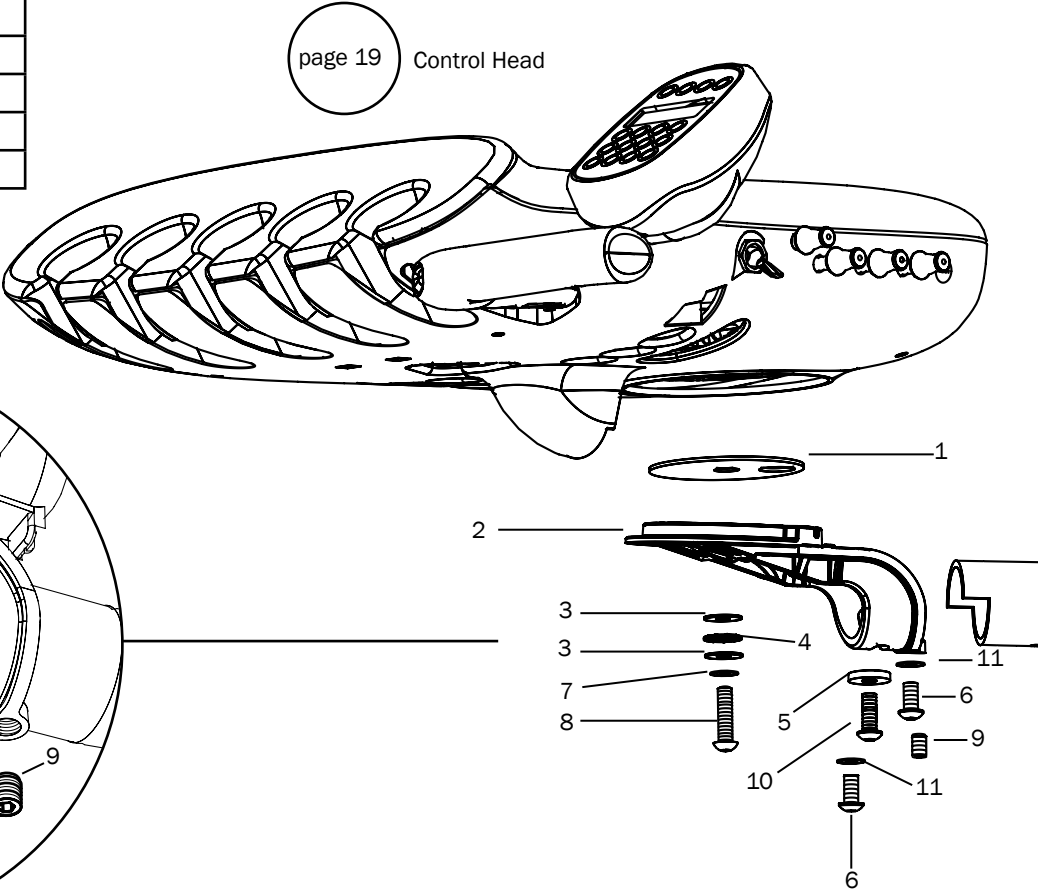
Delivery System Arm Assembly

Item	Part Number	Description
1	77.1437.00	Upper post
2	35.1702.01	Sleeve
3	35.1543.00	Stop ring,
4	35.1703.00	Rotation stop pin
5	35.1706.00	Lower bushing
6	77.1444.00	Weldment, lower arm
7	006.145.00	Hex flange nut, 1/2-13, steel zinc
8	005.188.00	Socket head shoulder screw, 1/2 - 13 x 2.65 x 1.25 SST
9	001.224.00	Flat head undercut socket screw, 10-32 x 1/4, SST
10	007.003.01	Socket cup point patch setscrew, 10-32 x 3/16 SST
11	35.1704.00	Stop plate
12	35.1705.00	Upper bushing
13	77.1395.00	Flange bearing, .503 ID x .438 LG acetal
14	004.251.00	External tooth lock washer, 1/2 ID



Control Head Mount

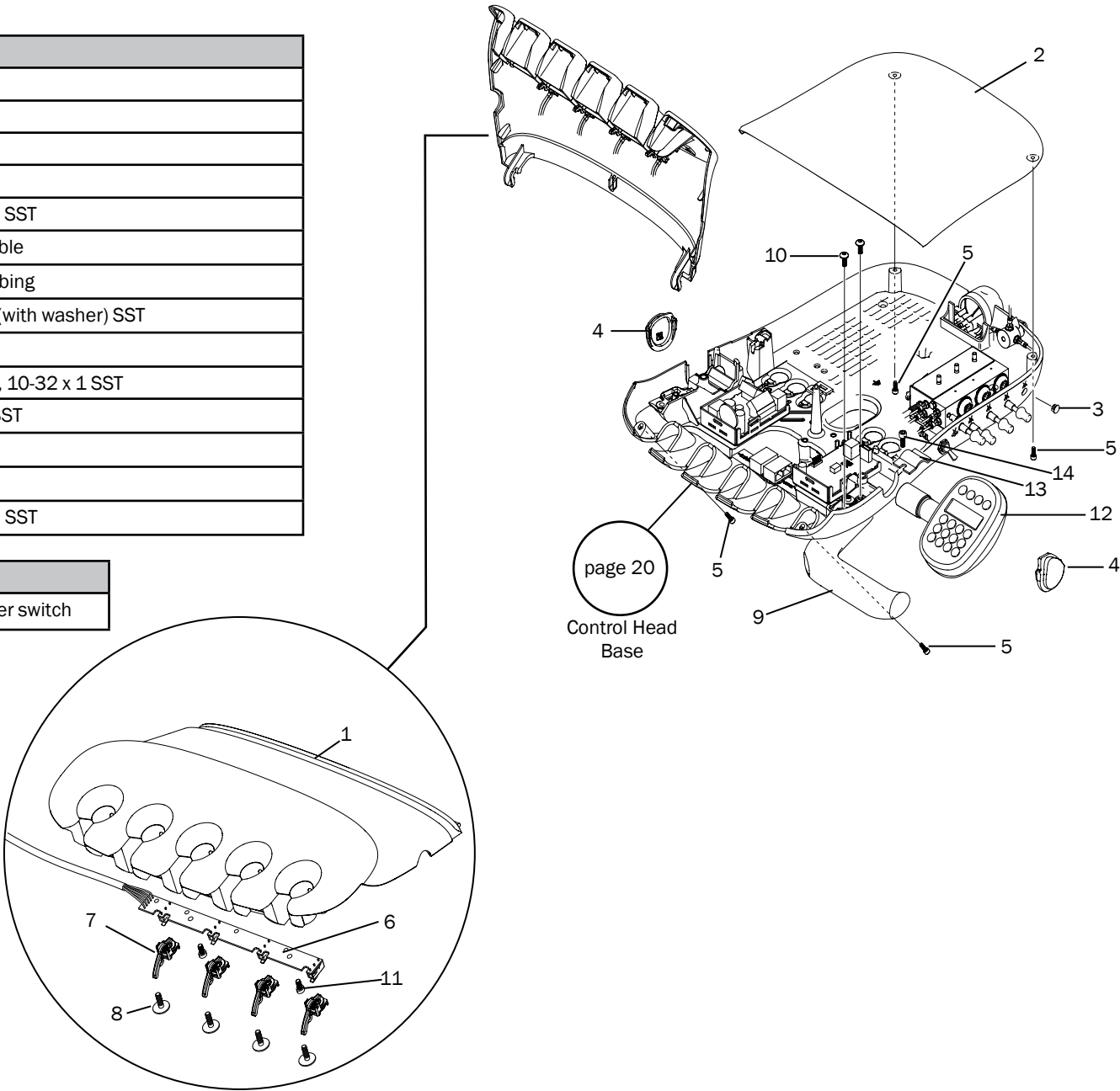
Item	Part Number	Description
1	77.0126.00	Rigid link washer
2	77.1144.01	Bracket
3	016.053.00	Thrust washer, .250 ID x .687 OD x .032 LG, steel
4	016.054.00	Thrust needle bearing, .250 ID x .687 OD x .087 LG
5	004.170.00	Flat nylon washer, .260 ID
6	001.130.01	Button head patch socket screw, 1/4-20 x 1/2 SST
7	004.162.00	Steel spring washer, .25 ID
8	005.109.00	Button head socket screw, 1/4-20 x 1 SST
9	007.012.00	Setscrew, 5/16-18 x 3/8 SST
10	005.002.02	Button head socket patch screw, 1/4-20 x 5/8 SST
11	004.153.00	Flat washer, .25 ID SST



Traditional Control Head

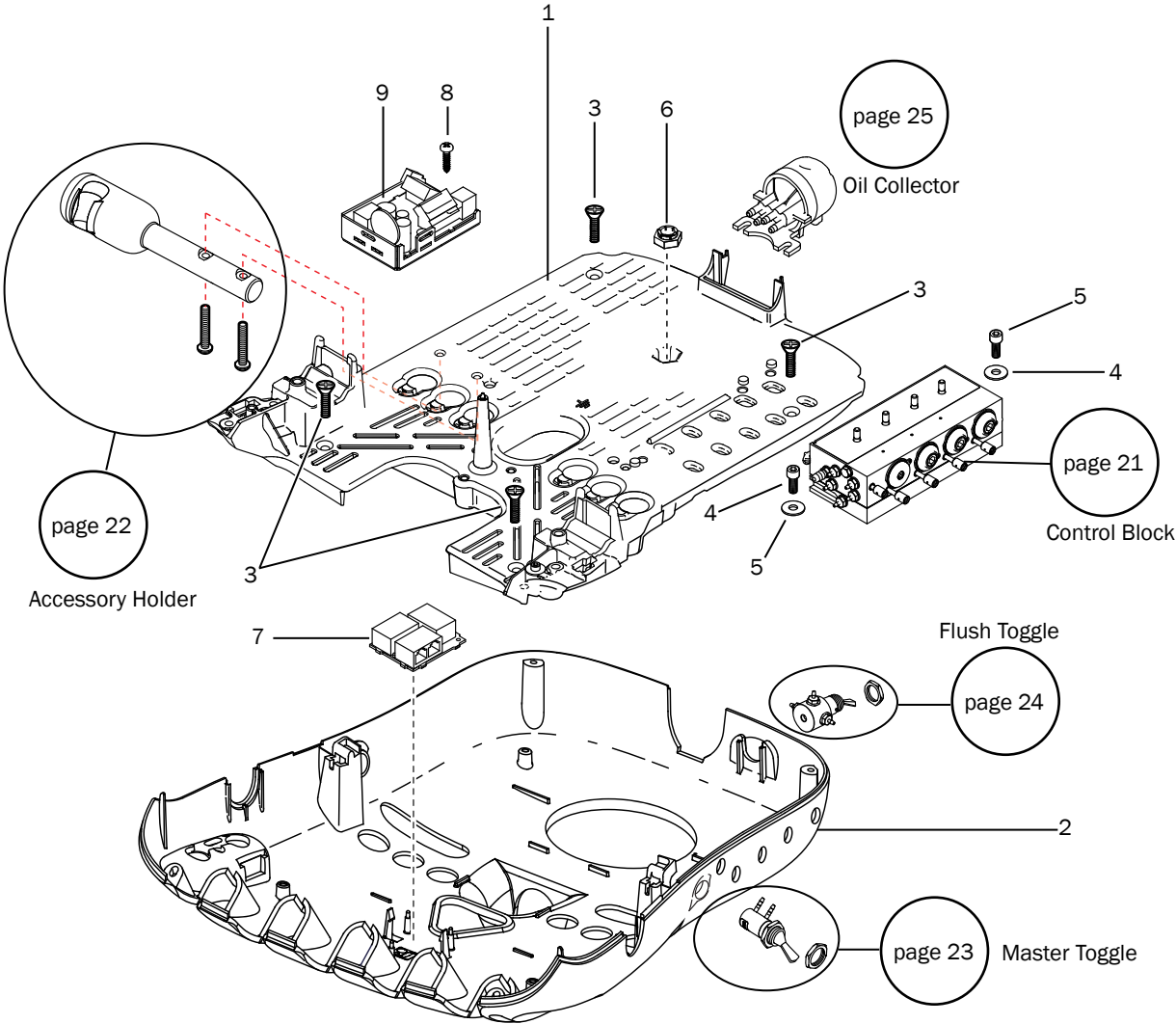
Item	Part Number	Description
1	77.0796.00	Cover, top, front
2	77.0795.00	Cover, top, rear
3	018.121.00	Hole Plug
4	77.0845.00	Touchpad hole plug
5	001.033.00	Socket head screw, 6 - 32 x 3/8" SST
6	43.0147.00	Electric switch assembly with cable
7	99.0654.03	Valve assembly, actuator with tubing
8	005.161.00	Socket head screw, 6-32 x 5/8" (with washer) SST
9	90.1451.00	Handle assembly
10	005.124.00	Button head socket patch screw, 10-32 x 1 SST
11	001.034.00	Socket head screw, 6-32 x 1/4 SST
12	90.1197.00	Touchpad upgrade kit
13	77.0152.00	Clamp
14	001.088.00	Socket head screw, 10-32 x 5/8 SST

Replacement Kit	Items Included	Description
90.1174.00	6, 11	Traditional holder switch



Control Head Base

Item	Part Number	Description
1	77.0902.01	Base plate
2	77.0794.01	Lower control head cover
3	001.258.00	Flat head Phillips plastic screw, 10-14 x 5/8 steel zinc
4	004.197.00	Flat washer, .203 ID x .562 OD SST
5	002.135.00	Socket head screw, 10-32 x 1/2 SST
6	006.147.00	Hex lock nut, 1/4-20 x 7/16 x 7/32 steel zinc
7	90.1167.00	CAN adaptor
8	003.031.00	Pan head Phillips screw, #4 x 1/2 steel zinc
9	90.1168.00	Quad volt intra oral light source

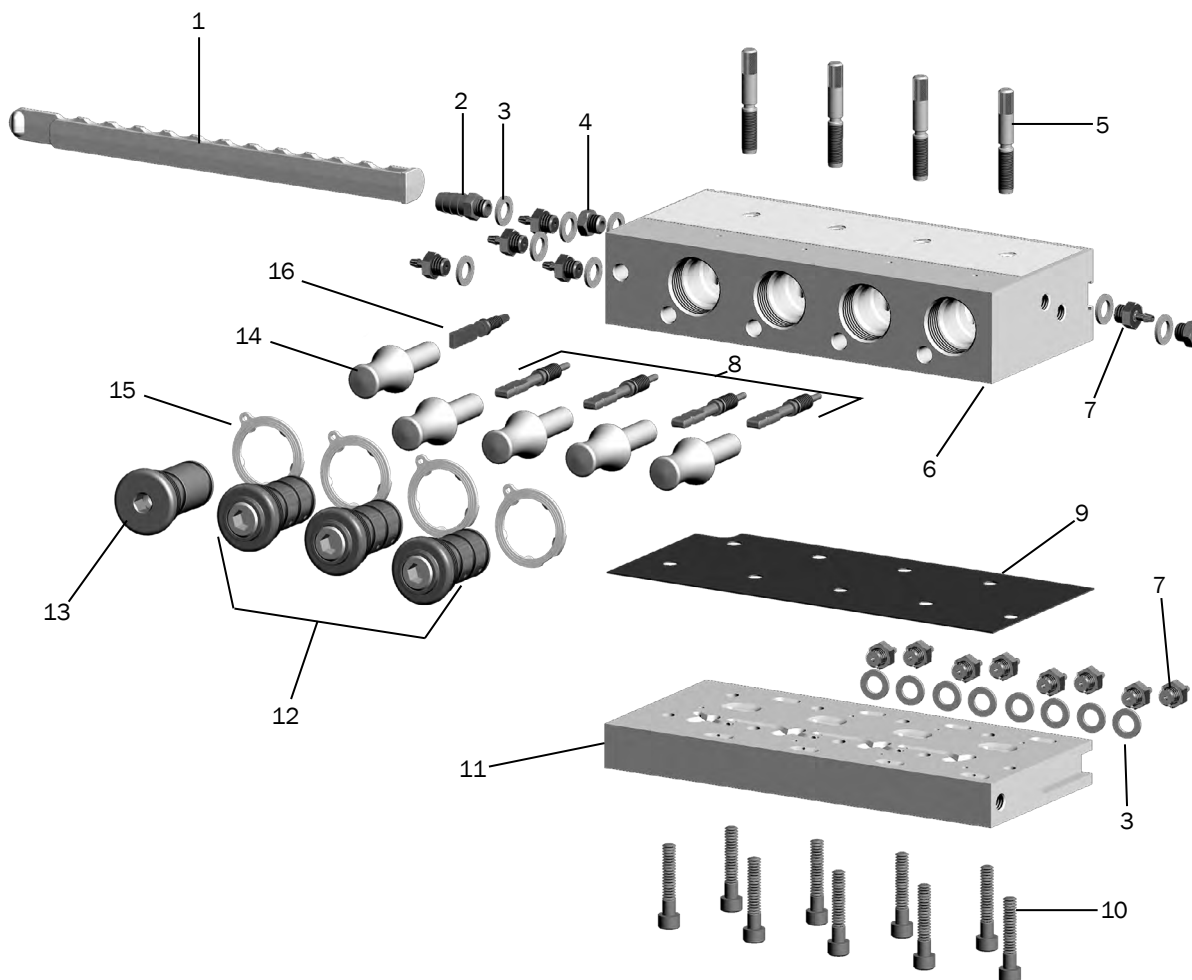


4 Position Control Block

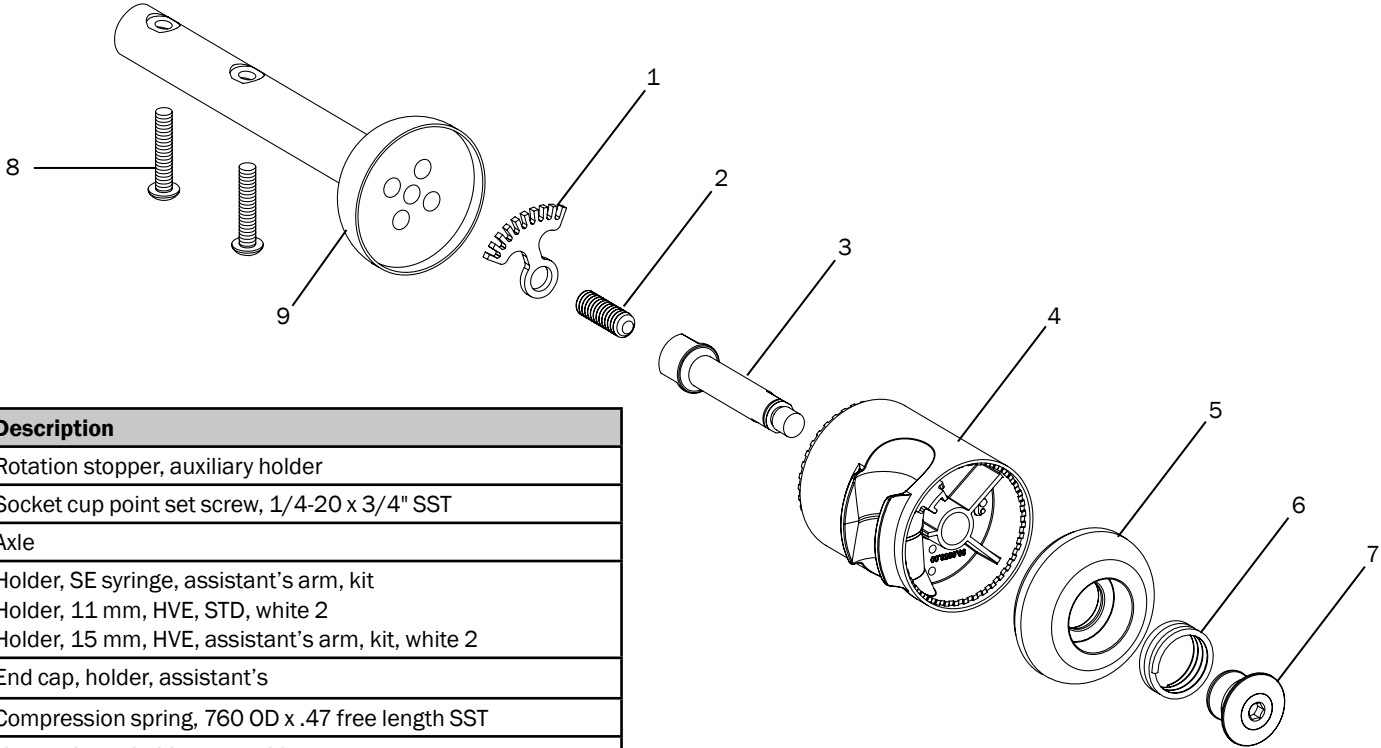
p/n 38.1830.00 (4 Position)

p/n 38.1831.00 (3 Position)

Item	Part Number	Description
1	38.1800.00 38.1800.01	Barb retainer, 4 position Barb retainer, 3 position
2	023.805.01	Barb, 5/16 x 10-32, pkg of 10
3	004.005.02	Flat nylon washer, .187 ID, pkg of 10
4	021.016.04	Hex plug, 10-32, pkg of 10
5	38.1785.01	Adjustment stem
6	38.1777.00 38.1817.00	Control block, 4 position Control block, 3 position
7	023.004.03	Barb, 1/8 x 10-32, pkg of 10
8	38.1824.00	Water flow adjustment stems, w/O-ring
9	38.1787.01 38.1833.01	Diaphragm, 4 position, pkg of 5 Diaphragm, 3 position, pkg of 5
10	001.240.00	Socket head screw, 6-32 x 3/4 SST
11	38.1778.00 38.1818.00	Cap, 4 position Cap, 3 position
12	38.1780.00	Water cartridge assembly
13	38.1783.00	Dry cartridge assembly
14	38.1823.00	Flow adjustment knob, soft
15	38.1799.01	Water cartridge washer, pkg of 5
16	38.1825.00	Air coolant adjustment stem w/O-ring



Accessory Holder



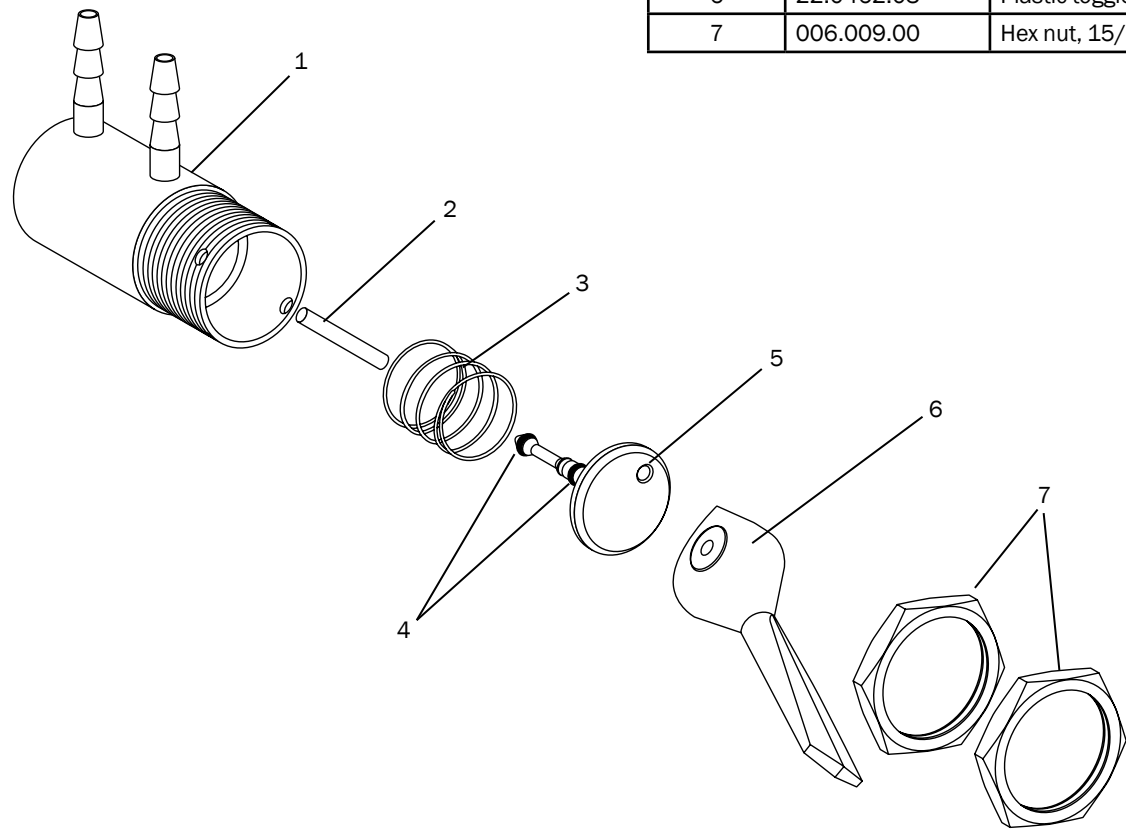
Item	Part Number	Description
1	99.0686.00	Rotation stopper, auxiliary holder
2	007.023.00	Socket cup point set screw, 1/4-20 x 3/4" SST
3	99.0660.00	Axle
4	99.0653.03 99.0650.03 99.0652.03	Holder, SE syringe, assistant's arm, kit Holder, 11 mm, HVE, STD, white 2 Holder, 15 mm, HVE, assistant's arm, kit, white 2
5	99.0648.02	End cap, holder, assistant's
6	013.011.00	Compression spring, 760 OD x .47 free length SST
7	99.0659.00	Nut, end cap, holder assembly
8	005.124.00	Button head socket patch Screw, 10 - 32 x 1
9	99.0737.00	Mount hub

Replacement Kit	Items Included	Description
77.0919.00	1 - 9	Holder assembly, Auxiliary
90.1216.00	5 - 7	End cap kit

Master Toggle

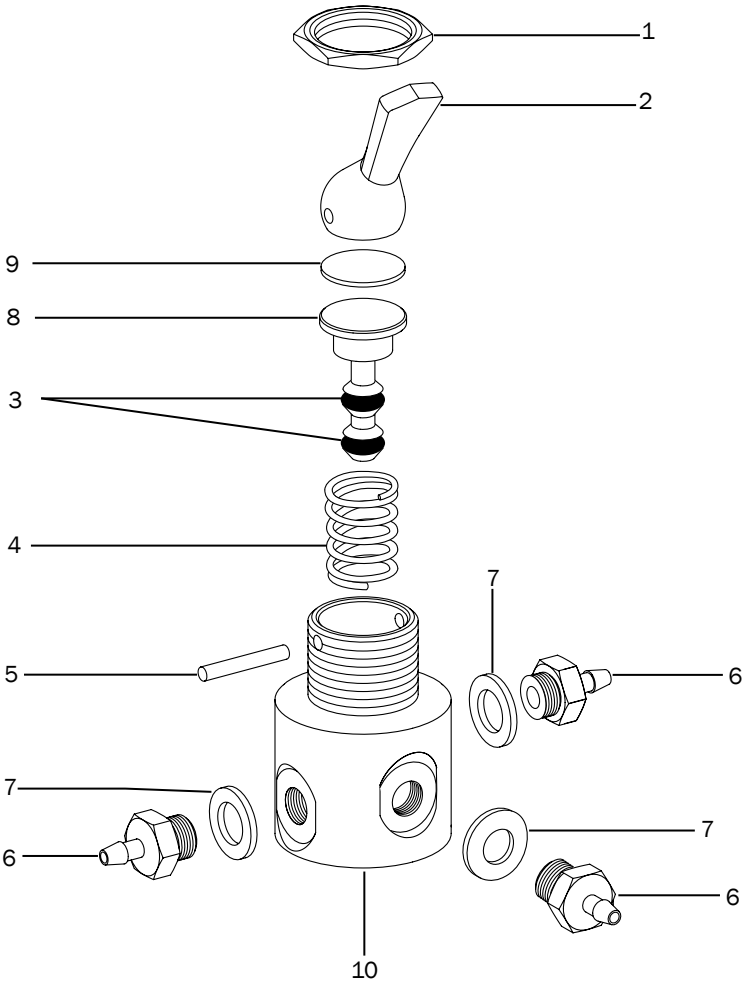
p/n 33.0173.00

Item	Part Number	Description
1	33.0050.00	Round toggle valve body
2	011.038.01	Pin, .062 DIA x .430 long, SST, pkg of 5
3	22.0040.00	Compression spring, .290 x .400" long
4	030.001.02	O-ring, AS568-001, pkg of 10
5	29.0840.00	Valve stem with O-rings, 3-way
6	22.0462.03	Plastic toggle valve lever, gray 3
7	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32", brass nickel



Flush Toggle

p/n 33.0168.01

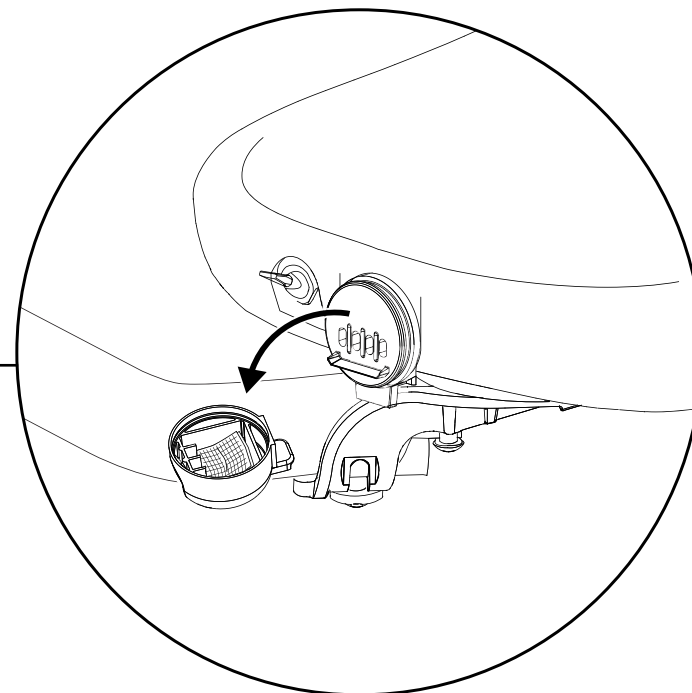
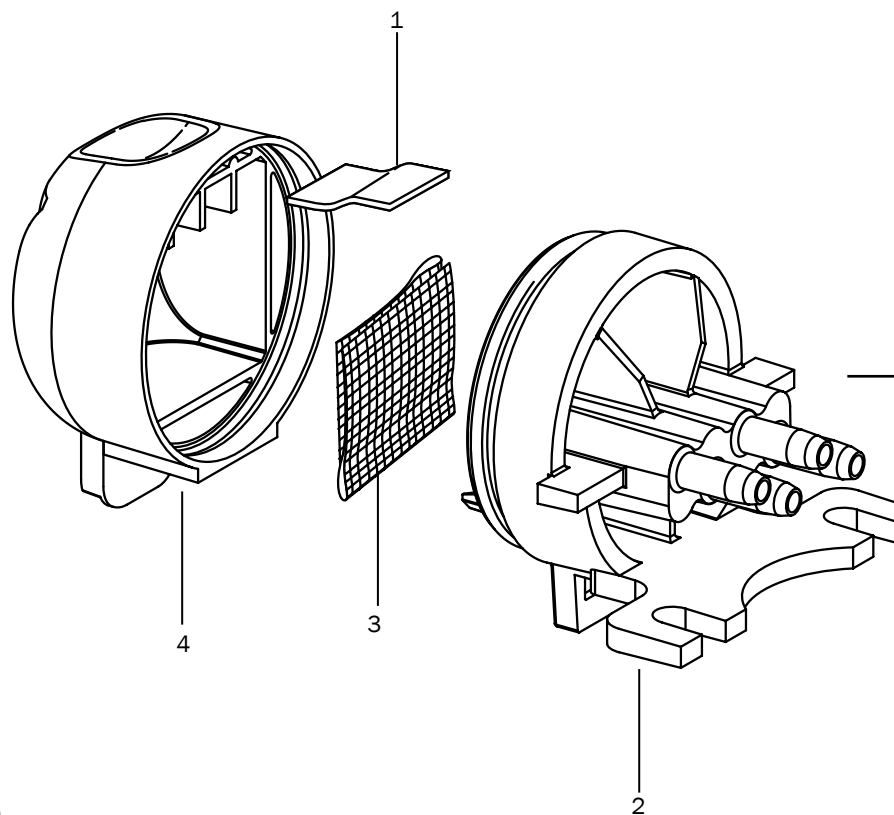


Item	Part Number	Description
1	006.009.00	Hex nut, 15/32-32" x 9/16 x 3/32", brass nickel
2	33.0036.03	Momentary toggle lever
3	030.003.02	O-ring AS568-003, pkg of 10
4	013.076.00	Compression spring, .360 OD x .35 free length SST
5	011.038.01	Pin, .062 x .430 long, pkg of 5
6	023.004.03	Barb, 1/8" x 10-32, pkg of 10
7	004.005.02	Flat nylon washer, .187 ID, pkg of 10
8	33.0170.00	Valve stem, 4 way
9	80.5025.00	Spacer, momentary toggle
10	33.0169.00	4 Way valve body

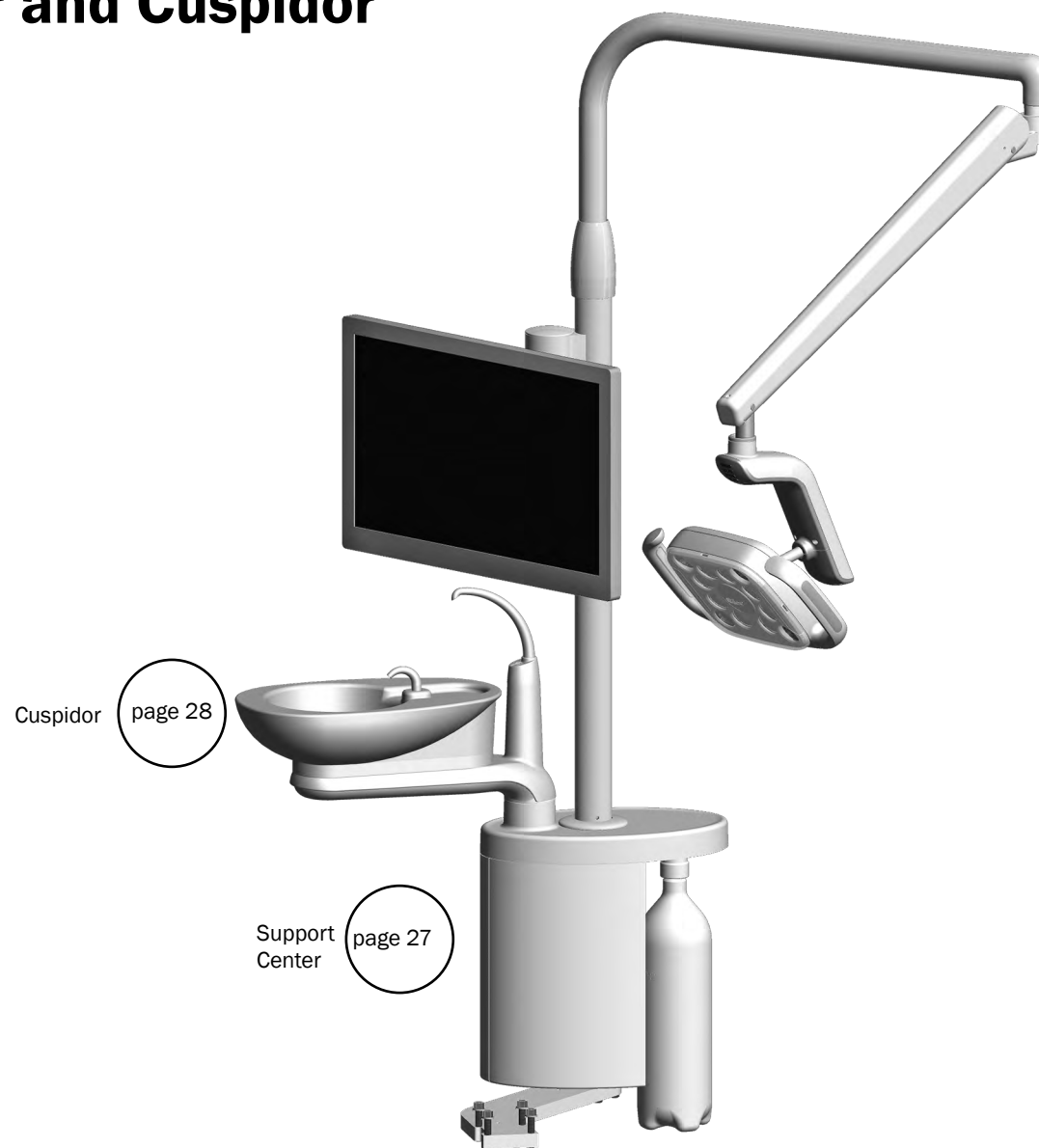
Oil Collector

p/n 90.1110.01 Oil Collector Kit

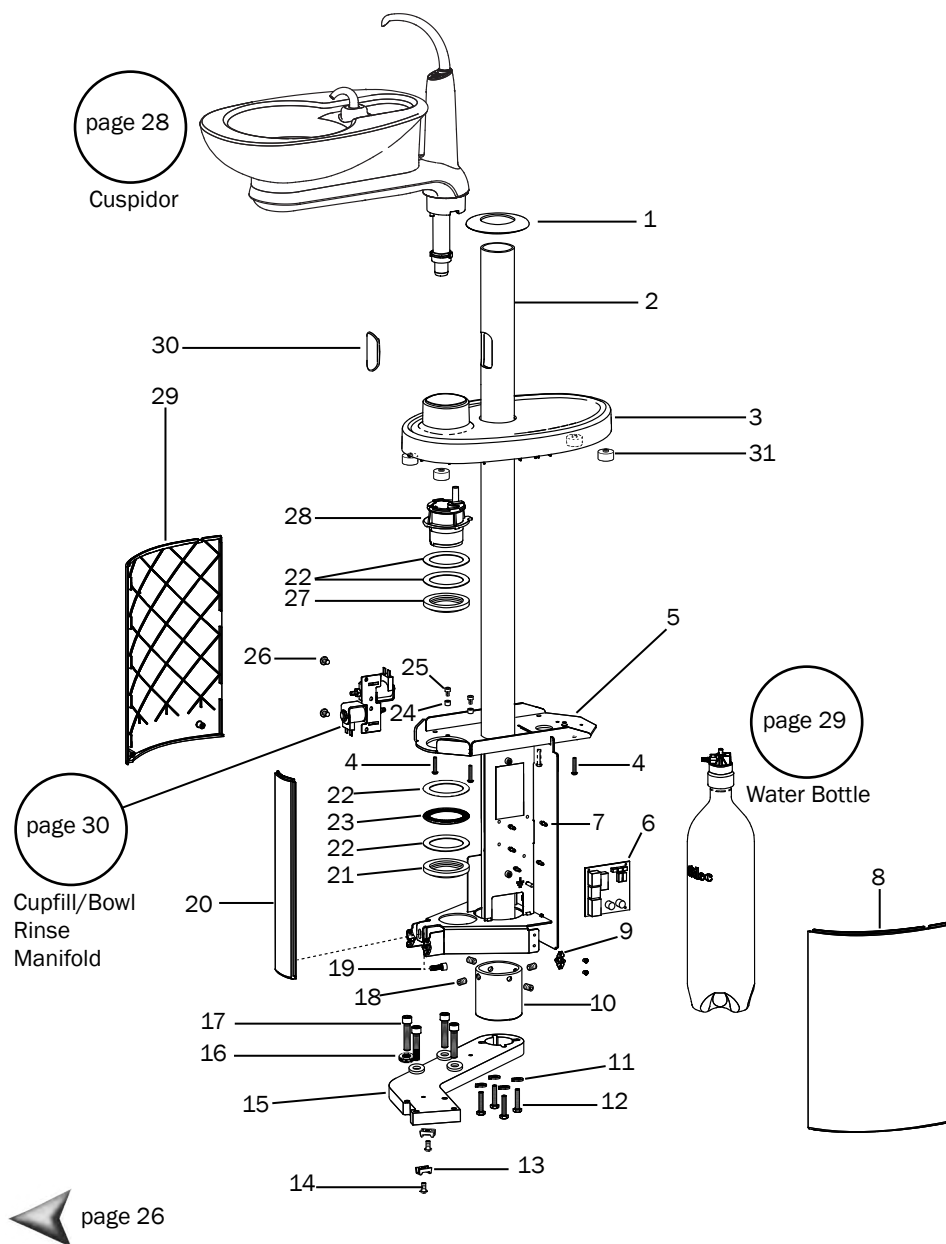
Item	Part Number	Description
1	90.1106.00	Foam muffler, pkg of 5
2	77.0337.01	Oil collector bottom
3	026.143.00	Gauze pad
4	77.0336.01	Oil collector top



Support Center and Cuspidor

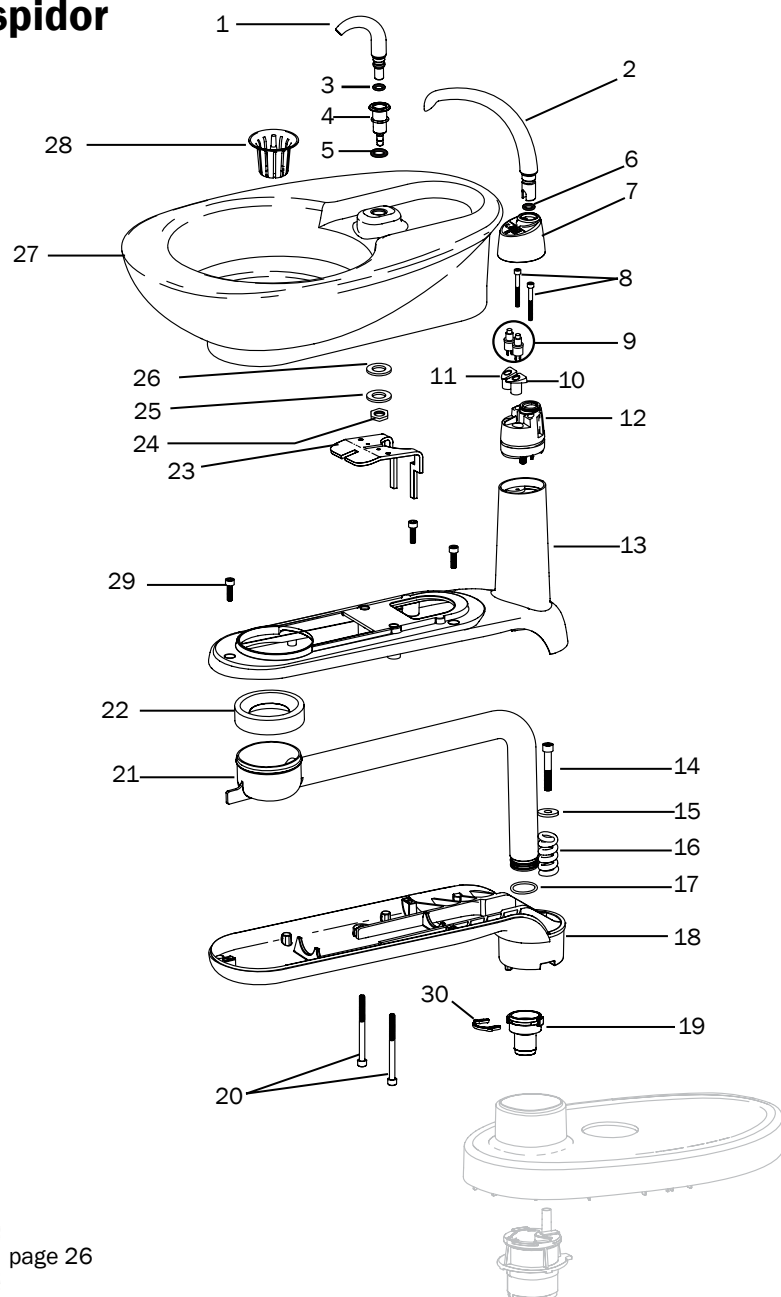


Support Center



Item	Part Number	Description
1	77.0876.00	Trim ring
2	77.1390.00	Post
3	77.1388.00	Top cover
4	005.010.01	Button head socket screw, 10-32 x 7/8 SST
5	77.1386.00	Weldment
6	43.0137.00	Cuspidor circuit board
7	041.662.00	Stand-off
8	77.0036.03	Right cover
9	042.221.00	Ball stud spring
10	77.1404.00	Collar
11	004.016.00	Split lock washer, .250 ID steel zinc
12	001.081.00	Hex head screw, 1/4-20 x 1-1/4 steel zinc
13	025.072.00	Cable tie mounting block
14	001.130.01	Button head socket patch screw, 1/4-20 x 1/2 SST
15	77.0861.00	Support arm
16	004.170.00	Flat nylon washer, .260 ID
17	005.036.00	Socket head patch screw, 3/8 -16 x 1-3/4 steel zinc coated
18	007.005.00	Socket cup point, patch setscrew, 3/8-16 x 5/16 steel black
19	001.089.00	Socket head screw, 1/4-20 x 5/8 SST
20	77.0037.01	Nose cover
21	61.0954.00	Lock nut, 1-31/32-18 plated
22	016.108.00	Thrust race bearing, 2.00 ID steel
23	016.044.00	Thrust needle bearing, 2.0 ID x 2.75 OD x .078 long
24	037.029.00	Spacer, #10 x .31 OD x .31 long, brass
25	002.135.00	Socket head screw, 10-32 x 1/2 SST
26	005.138.01	Button head socket patch screw, 10-32 x 5/16, SST
27	77.1389.00	Cuspidor pivot bearing
28	77.0330.00	Hub
29	77.0035.02	Left cover
30	75.0150.03	Post plug
31	77.1403.00	Flange standoff, .20 ID x .46 long acetal white

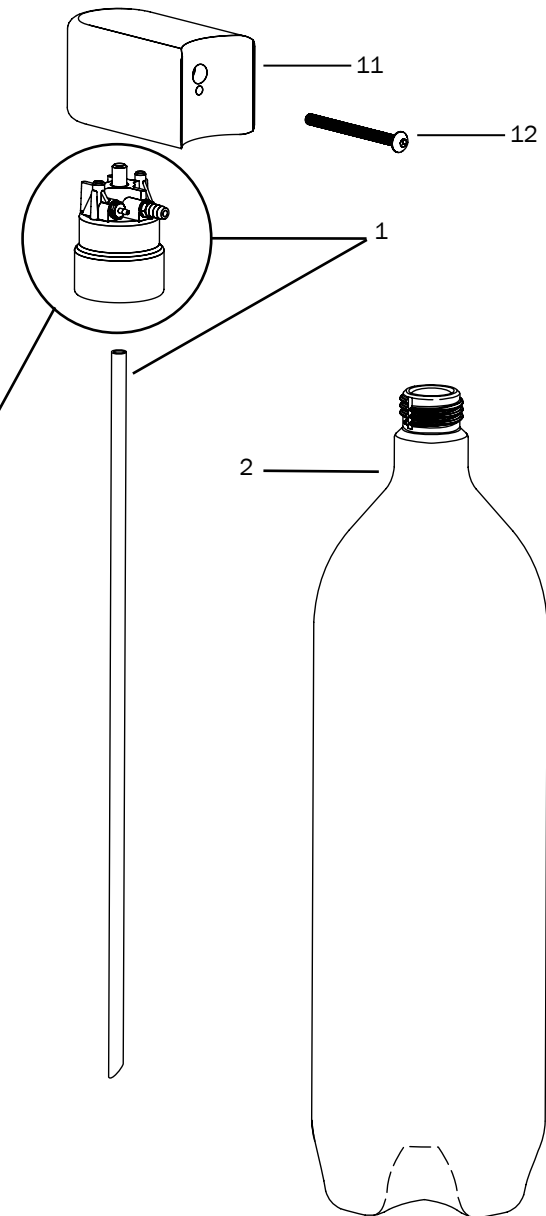
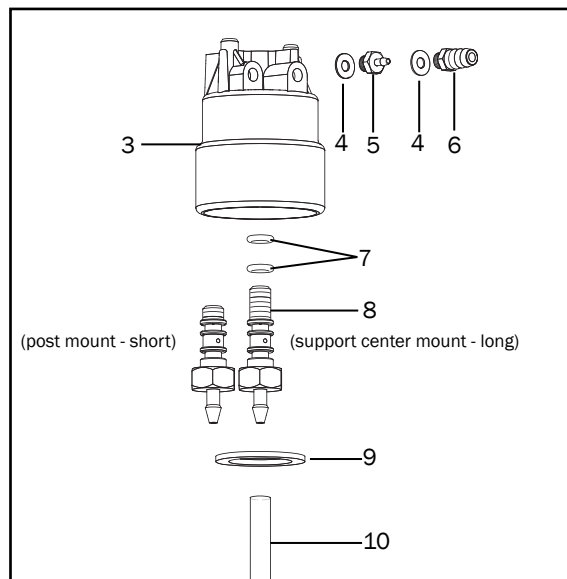
Cuspidor



Item	Part Number	Description
1	77.0042.03	Spout, bowl rinse, back mount (with O-ring, Item 3)
2	77.1112.00	Spout, cupfill, cuspidor
3	030.011.02	O-ring, AS568-011, .301 ID x .070 W, pkg of 10
4	77.0105.00	Socket, bowl rinse spout
5	030.014.01	O-ring, AS568-014, .489 ID x .070 W, pkg of 25
6	030.012.02	O-ring, AS568-012, .364 ID x .070 W, pkg of 10
7	77.0044.01	Gasket, spout, cup cuspidor
8	005.088.00	Socket head screw, 6-32 x 1-1/4 SST
9	43.0010.00	Switch assembly, 20"
10	77.0099.00	Button, cuspidor fill/rinse, left
11	77.0100.00	Button, cuspidor fill/rinse, right
12	77.0097.01	Support, cuspidor mount with barbs
13	77.1458.00	Top housing, cuspidor, back mount
14	002.082.03	Socket head screw, 1/4-20 x 1-1/2 SST
15	004.141.00	Flat steel washer, .261 ID steel zinc
16	013.061.01	Compression spring, .75 OD x .93 free length, music wire
17	035.053.01	O-ring, vacuum, 20 mm x 2 mm, pkg of 10
18	77.0109.01	Bottom housing, cuspidor, back mount
19	022.092.01	Female vacuum connector, 20mm tubing
20	005.106.00	Socket head screw, 10-32 x 2-1/2, SST
21	77.0040.00	Tube, drain, cuspidor, back mount
22	12.0991.00	Drain seal
23	77.0236.00	Bracket, hold down, cuspidor
24	006.009.00	Hex nut, 15/32-32 x 9/16 x 3/32 brass nickel
25	004.132.00	Flat washer, .500 ID, SST
26	004.035.00	Flat nylontronic washer, .511 ID
27	77.0038.01	Bowl, cuspidor, ceramic
28	75.0035.03	Bowl screen, pkg of 5
29	001.088.00	Socket head screw, 10-32 x 5/8 SST
30	022.090.00	Retainer clip

Self-Contained Water Bottle

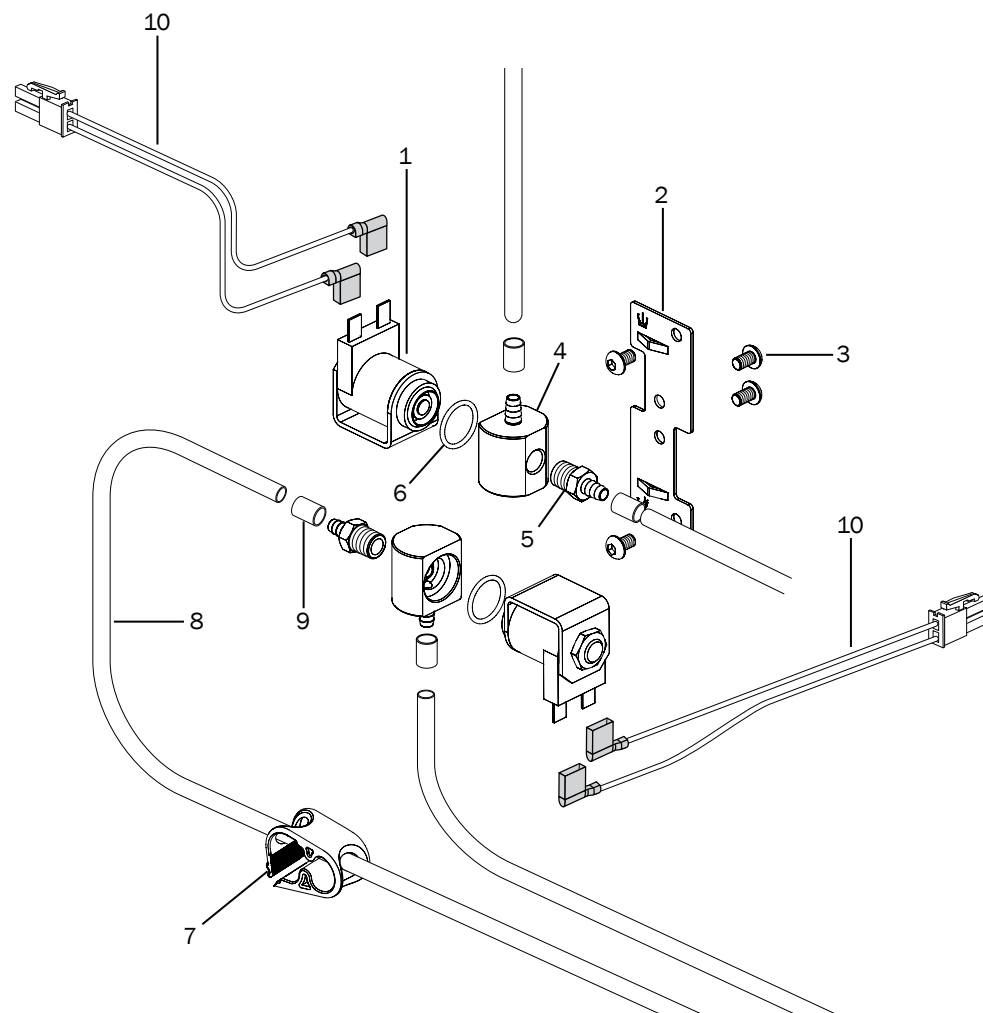
Item	Part Number	Description
1	14.0495.00 14.0496.00	Post mount cap assembly Support center mount cap assembly
2	14.0486.00	Water bottle
3	14.0402.01	Cap
4	004.182.00	Washer, Buna-N flat, .125 ID x .296 OD x .020
5	023.070.00	Restrictor barb, .013, 1/8 X 10-32
6	023.805.01 023.004.01	Barb, 5/16 X 10-32, pkg of 10 Barb, 1/8 x 10-32, pkg of 10
7	030.008.02	O-ring AS568-008, pkg of 10
8	14.0499.00 14.0498.00	Stud, short, mt, wtr bottle cap, with O-ring Stud, wtr bottle cap with O-ring
9	004.137.00	Flat urethane washer, .750 ID
10	14.0488.00	Supply tube, .25 OD x 14"
11	14.0425.01	Water bottle mount, white 2
12	005.186.00	Button head socket screw, 10-32 x 2-1/4 SST



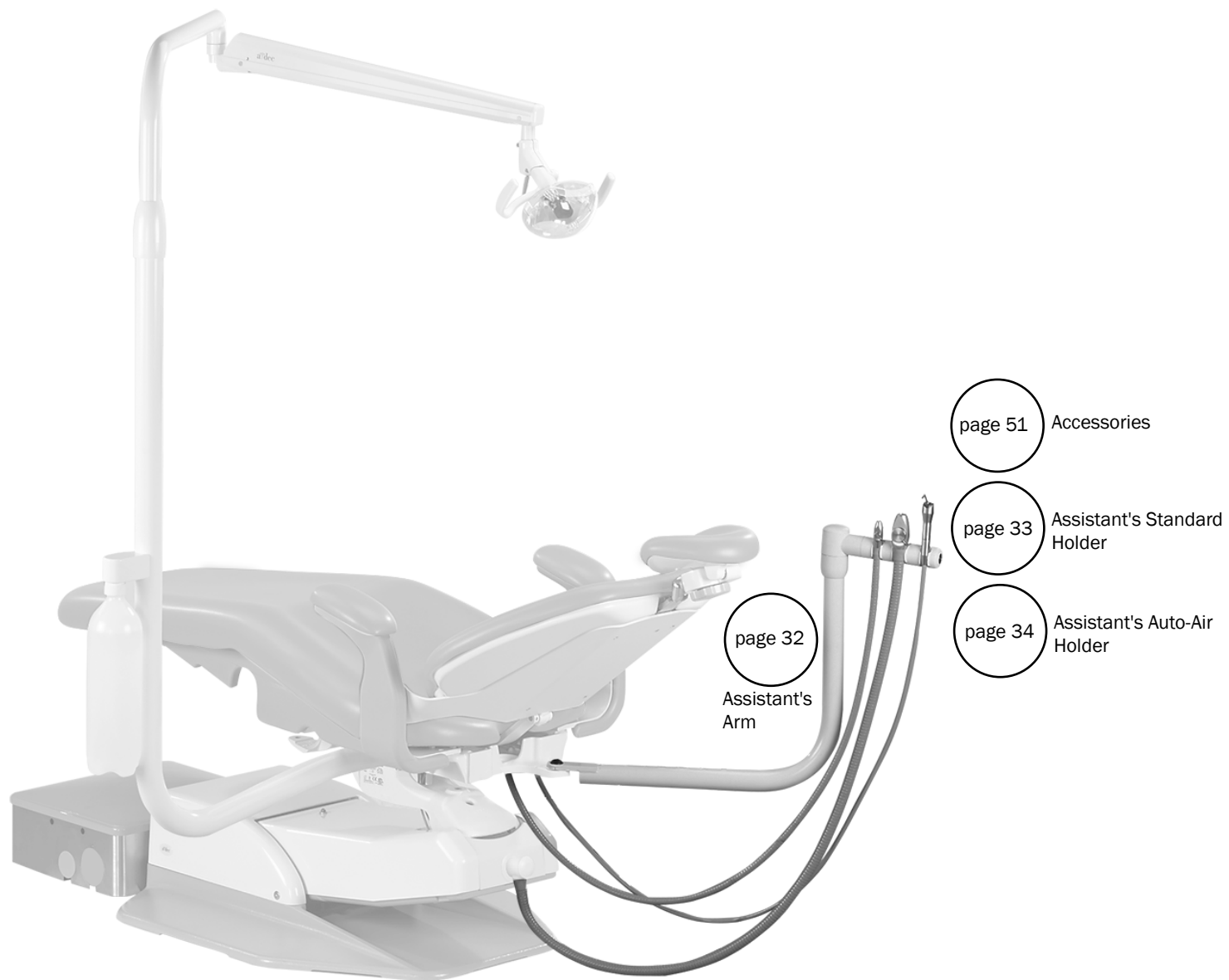
Cupfill/Bowl Rinse Manifold

p/n 38.1803.00

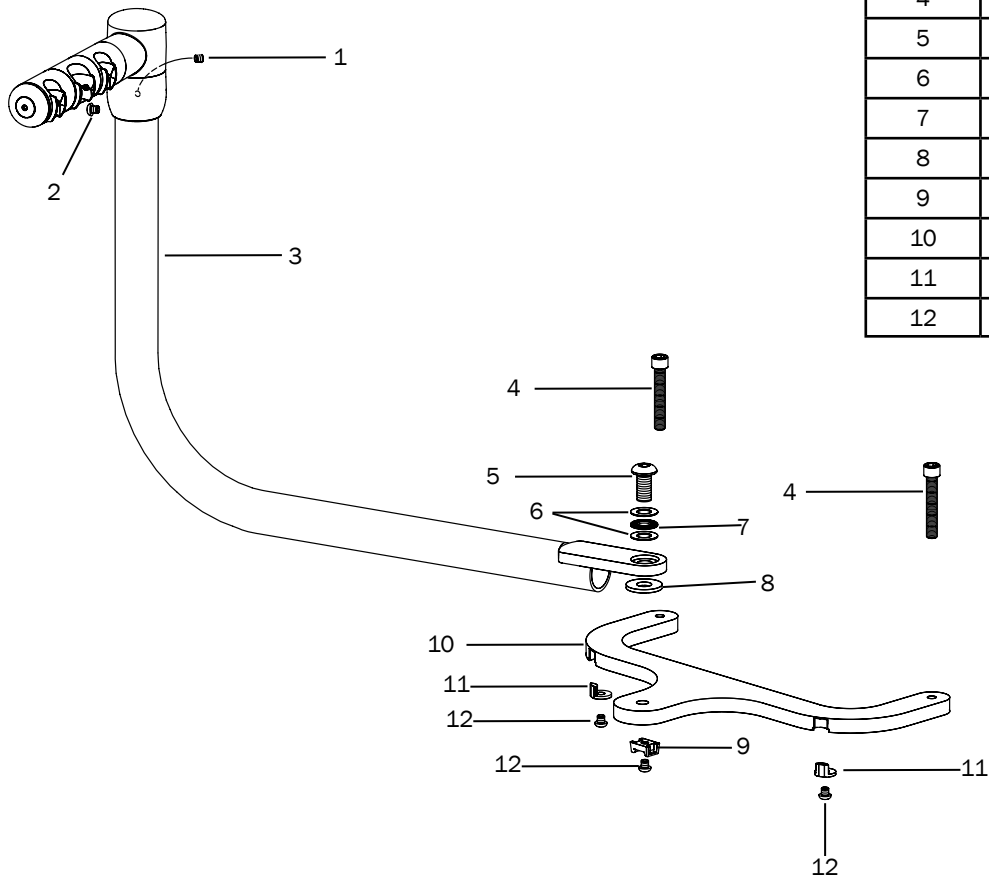
Item	Part Number	Description
1	041.660.00	24 VAC Solenoid
2	77.1210.00	Bracket
3	005.138.01	Button head patch socket screw, 10-32 x 5/16 SST
4	38.1844.00	Manifold
5	023.804.00	Barb, 5/16 x 1/8 NPT
6	030.016.02	O-ring AS568-016, pkg of 10
7	025.120.00	Tubing clamp
8	036.116.01	5/16" Blue tubing, 10'
9	025.109.01	Sleeve, pkg of 10
10	43.0009.00	Solenoid wire assembly



Assistant's Instrumentation



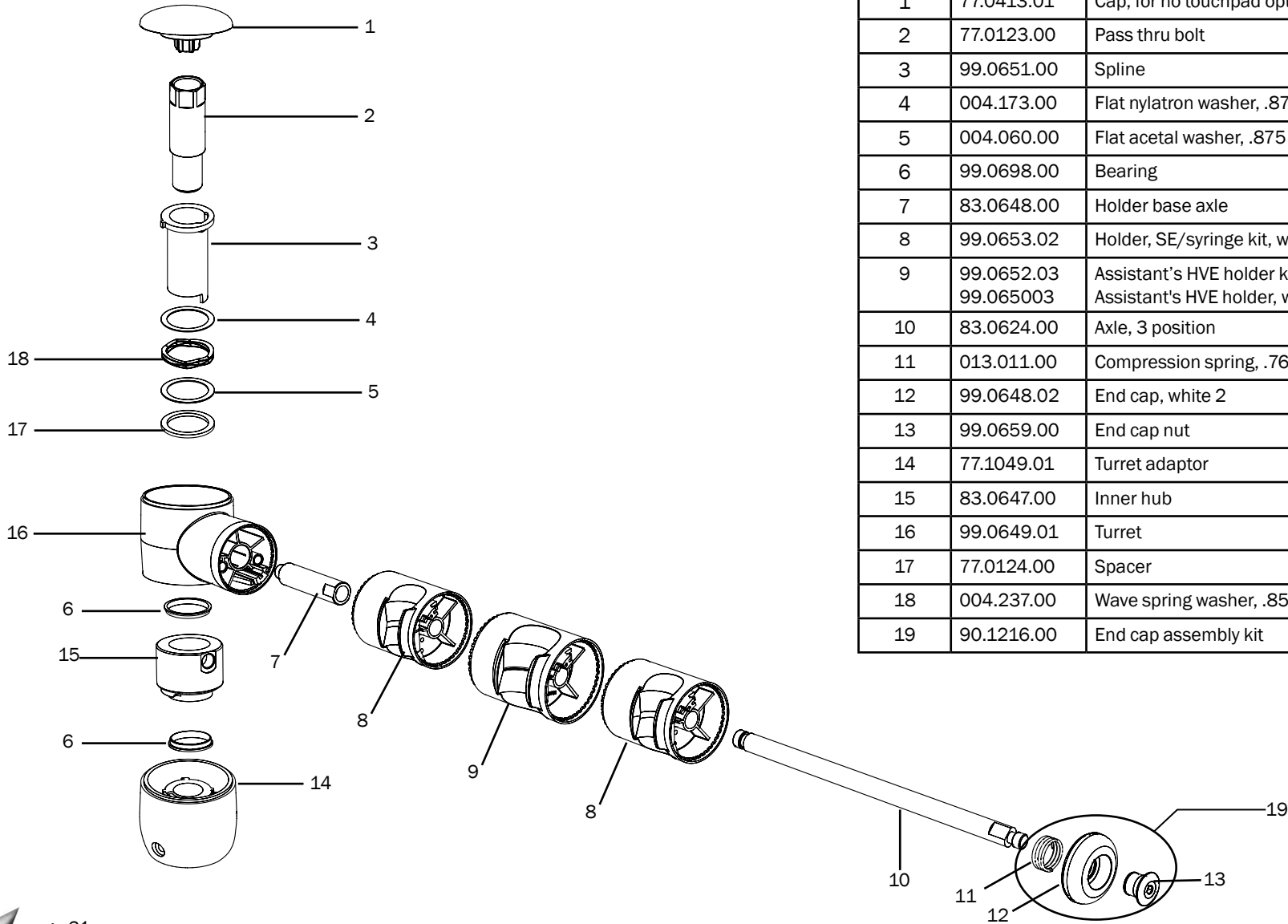
Assistant's Arm



Item	Part Number	Description
1	007.024.00	Socket cup point patch setscrew, 10-32 x 1/4 steel zinc
2	001.097.00	SEMS Phillips pan head screw, 6-32 x 3/8 SST
3	77.1352.01	Weldment
4	005.154.00	Socket head Grade 8 screw, 3/8-16 x 2-1/4, steel black
5	002.142.00	Button head socket screw, 1/2-13 UNC x 1 steel zinc
6	004.136.00	Thrust bearing washer, .500 ID
7	016.033.00	Thrust needle bearing, .500 ID x .078 long, steel
8	12.0955.00	Flat washer, acetal, .520 ID
9	025.072.00	Mounting block
10	77.1353.01	Back mount
11	77.1457.00	Rotation stop
12	001.237.00	Button head socket screw, 1/4-20 x 1/4 SST

Assistant's Standard Holder

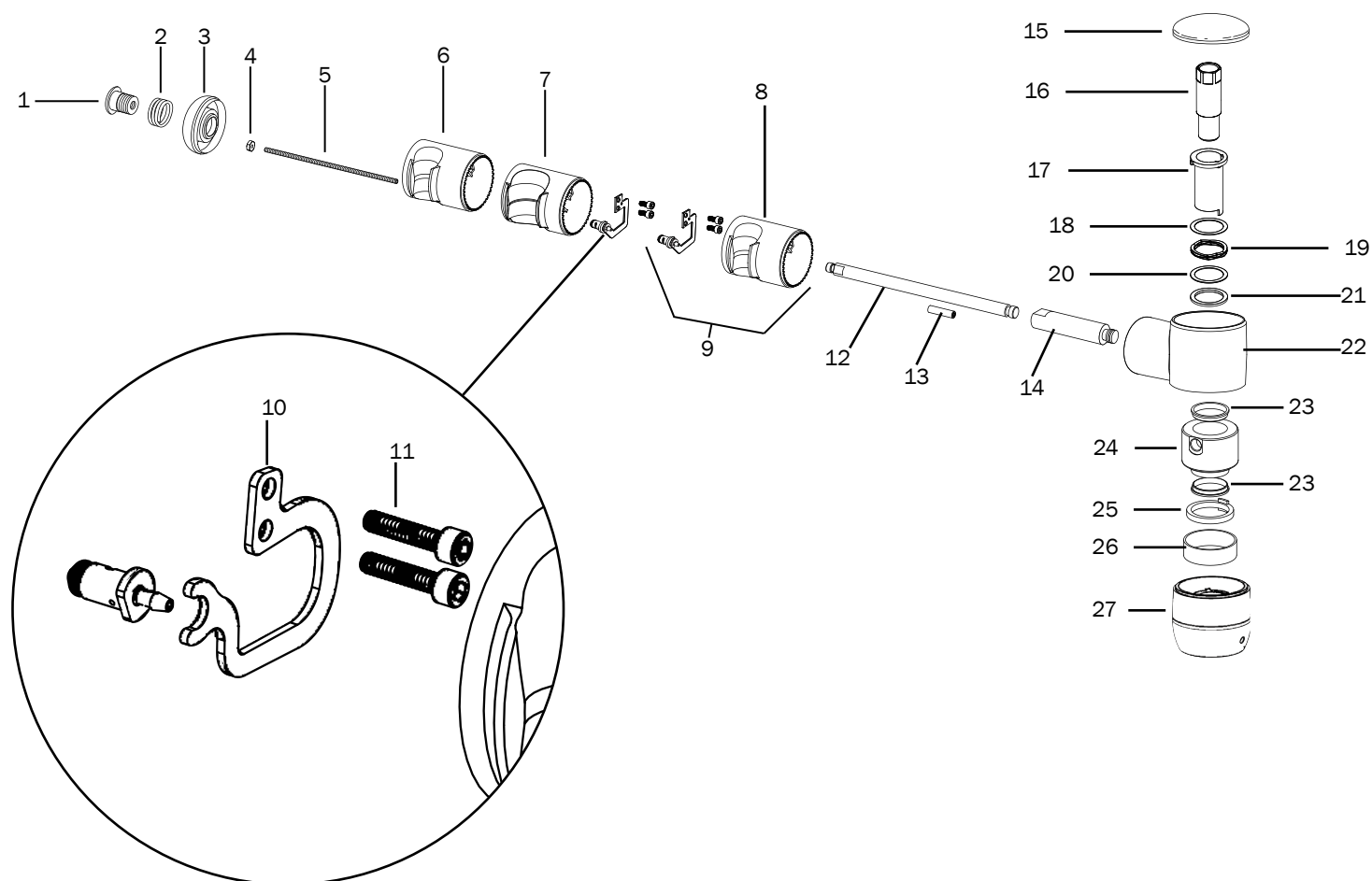
p/n 77.1370.00



Item	Part Number	Description
1	77.0413.01	Cap, for no touchpad options
2	77.0123.00	Pass thru bolt
3	99.0651.00	Spline
4	004.173.00	Flat nylatron washer, .875 ID x 1.125OD x .020
5	004.060.00	Flat acetal washer, .875 ID x 1.125OD x .020
6	99.0698.00	Bearing
7	83.0648.00	Holder base axle
8	99.0653.02	Holder, SE/syringe kit, white 2, 9 mm
9	99.0652.03 99.065003	Assistant's HVE holder kit, white 2, 15 mm Assistant's HVE holder, white 2, 11 mm (standard)
10	83.0624.00	Axle, 3 position
11	013.011.00	Compression spring, .760 OD x .47 free length, SST
12	99.0648.02	End cap, white 2
13	99.0659.00	End cap nut
14	77.1049.01	Turret adaptor
15	83.0647.00	Inner hub
16	99.0649.01	Turret
17	77.0124.00	Spacer
18	004.237.00	Wave spring washer, .850 ID x 1.125 OD
19	90.1216.00	End cap assembly kit

Assistant's Auto-Air Holder

p/n 77.1371.00



Assistant's Auto-Air Holder

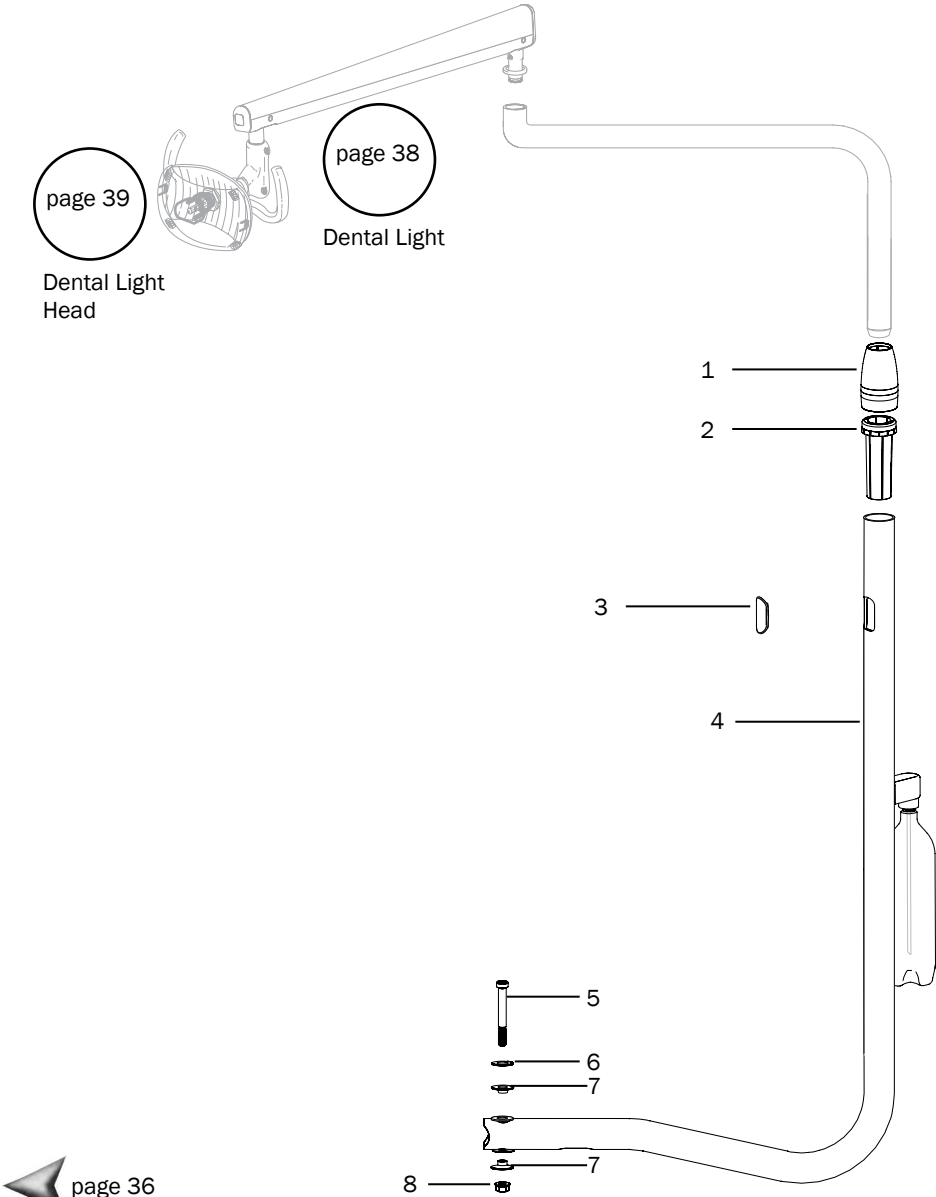
Item	Part Number	Description
1	99.0659.00	Nut
2	013.011.00	Compression spring, .760 OD x .47 free length SST
3	99.0648.02	End-cap assembly
4	006.011.00	Machine screw nut, 4-40 X 1/4 X 3/32, steel zinc
5	83.0573.00	Holder rod
6	99.1182.00	Auto-air holder SE
7	99.1183.00	15 mm HVE holder
8	99.1181.00	Syringe holder
9	90.1263.00	Auto air holder replacement assembly
10	83.0768.00	Sensor spring
11	001.021.00	Socket head screw, 4-40 X 1/2 SST
12	83.0624.00	Axle, 3 Position
13	83.0585.00	Special nut, 4-40 X .75
14	83.0648.00	Holder base axle
15	77.0413.01	Touchpad replacement cap
16	77.0123.00	Pass thru bolt
17	99.0651.00	Spline
18	004.173.00	Flat nyatron washer, .875 ID x 1.125OD x .020
19	004.237.00	Wave washer, .850 ID x 1.125OD
20	004.060.00	Flat acetal washer, .875 ID x 1.125OD x .020
21	77.0124.00	Spacer
22	83.0576.00	Turret
23	99.0698.00	Bearing
24	83.0647.00	Inner hub
25	77.1147.00	Stop
26	99.0687.00	Sleeve
27	77.1049.01	Turret adapter

A-dec Performer Dental Light



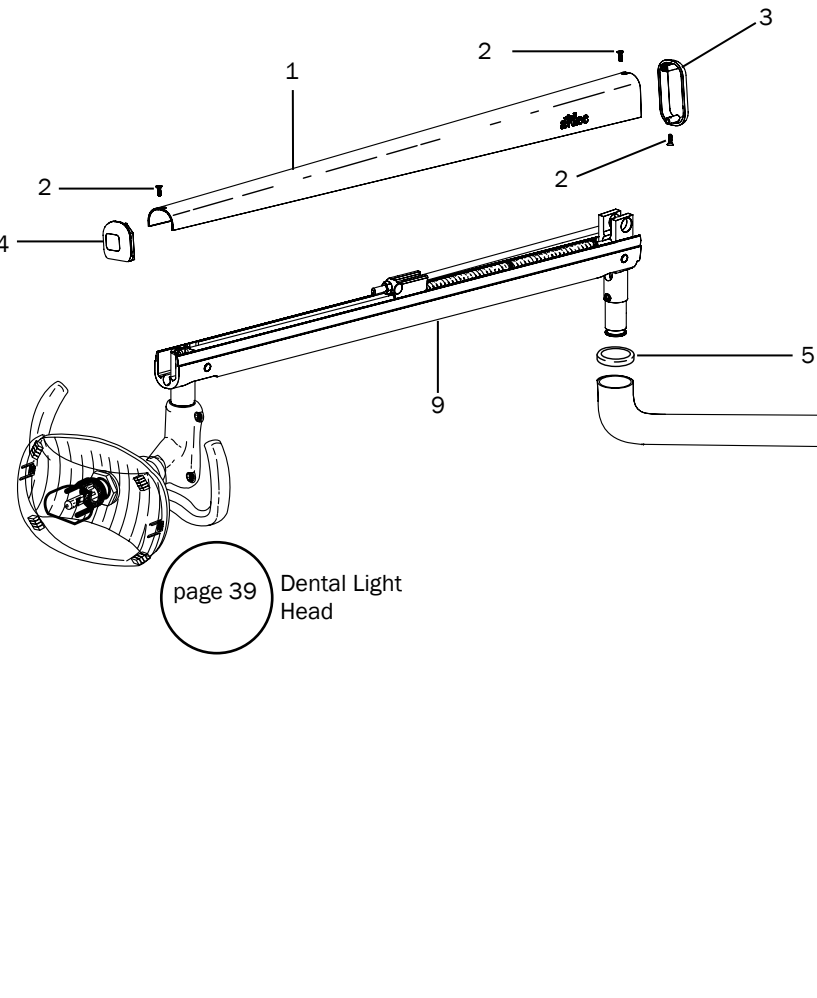
NOTE * For information on dental lights other than the A-dec Performer Dental Light, reference the *A-dec Dental Lights and Monitor Mounts Service Reference*, p/n 86.0328.00.

A-dec Performer Radius Mounted Dental Light



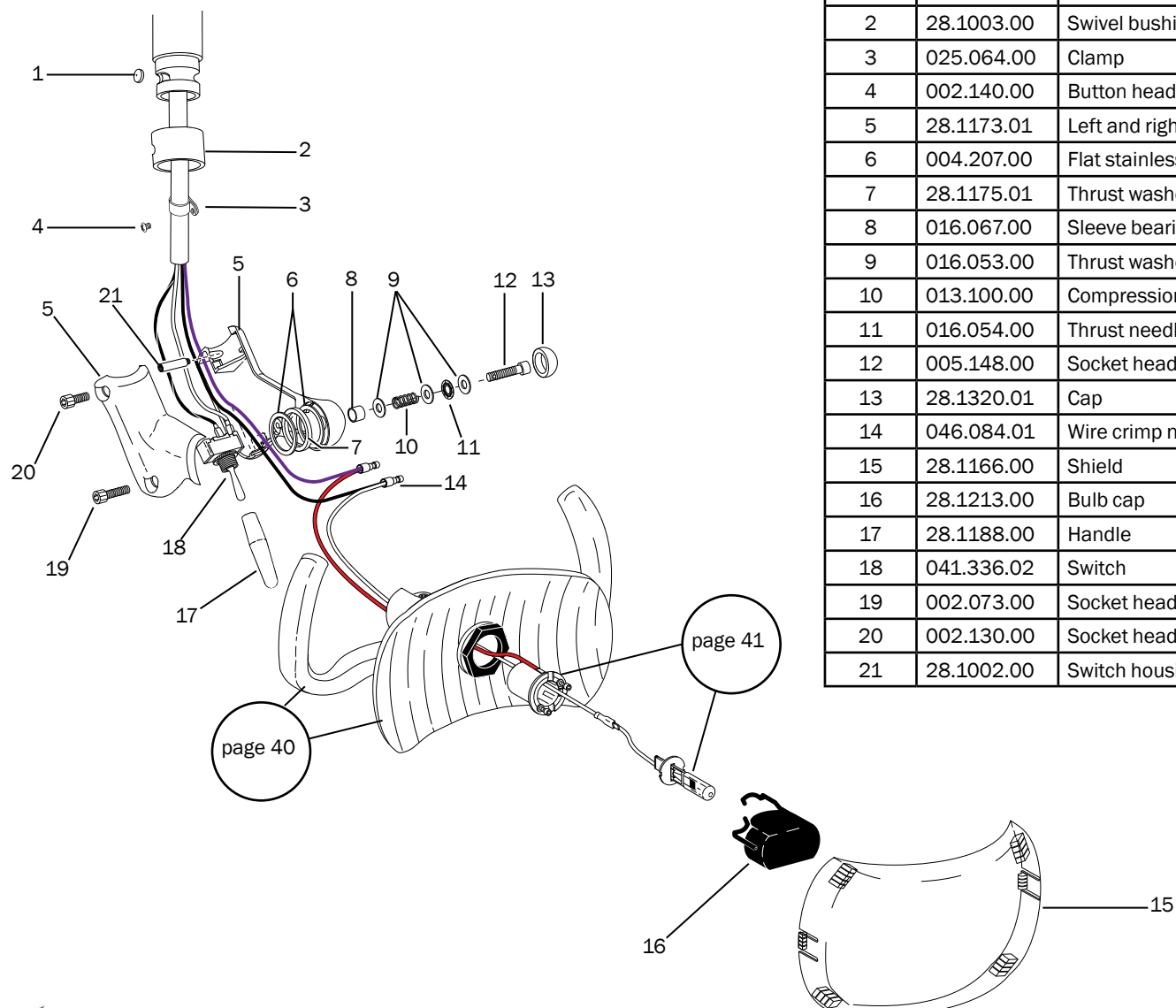
Item	Part Number	Description
1	77.0824.00	Trim ring
2	12.0974.00	Bushing
3	75.0150.00	Post plug
4	28.2030.00	Lower arm weldment
5	005.188.00	Socket head shoulder screw, 1/2-13 x 2.65 x 1.25 SST
6	004.251.00	External tooth lock washer, 1/2 ID
7	77.1395.00	Flange bearing, .503 ID x .438 LG
8	006.145.00	Hex flange nut, 1/2 -13 steel zinc

A-dec Performer Dental Light



Item	Part Number	Description
1	28.1027.05	Flexarm cover
2	003.099.00	Phillips flat head tap screw, 6-19 x 1/2
3	75.0009.01	End cap
4	75.0008.01	End cap
5	28.1114.01	Trim ring
6	28.2016.00	Rigid arm weldment (not available for sale)
7	77.0824.00	Trim ring
8	12.0974.00	Bushing
9	28.2017.00	Flexarm assembly (includes items 1, 2, 3, 4)

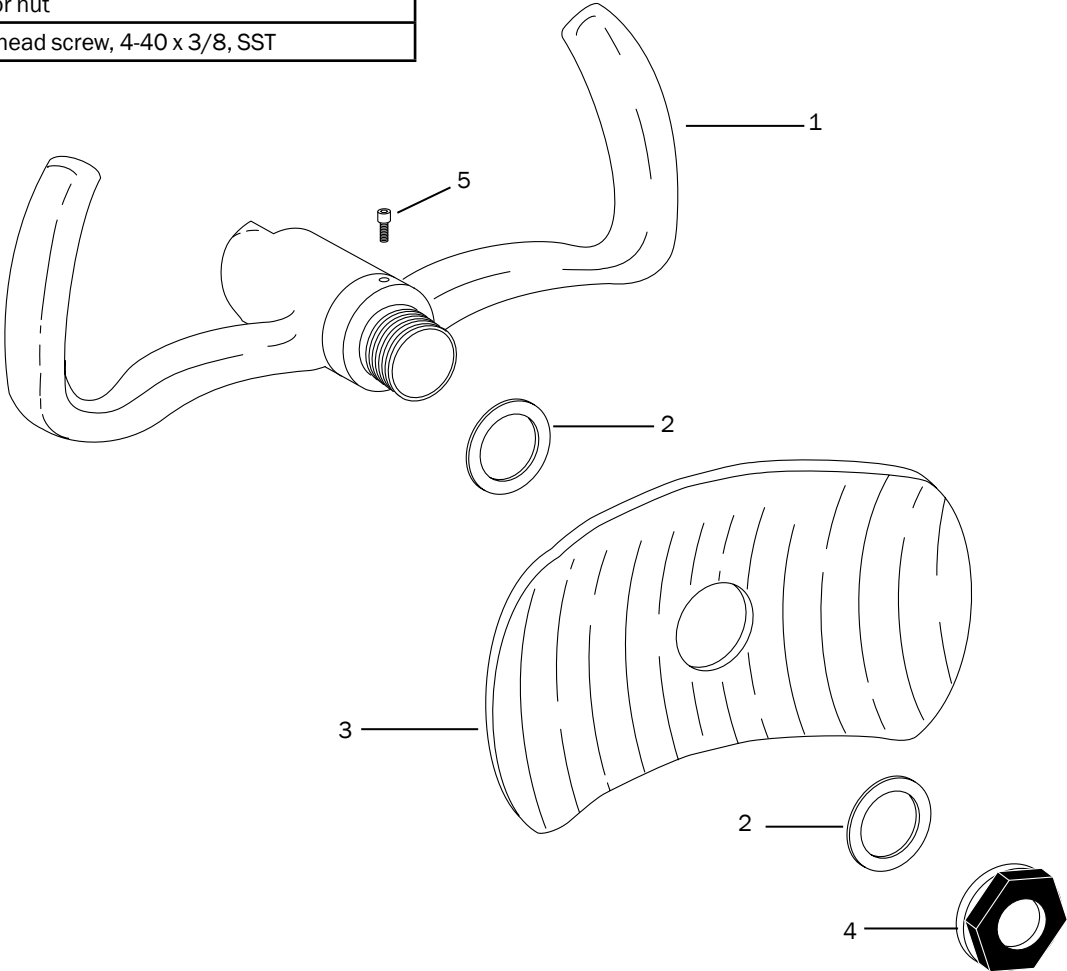
A-dec Performer Dental Light



Item	Part Number	Description
1	28.0679.01	Pivot stop, pkg of 5
2	28.1003.00	Swivel bushing
3	025.064.00	Clamp
4	002.140.00	Button head socket patch screw 6-32 x 1.4 SST
5	28.1173.01	Left and right switch housing assembly (Includes items 19, 20, and 21)
6	004.207.00	Flat stainless steel washer, 1.00 ID x 1.362 OD x .03 nickel chrome
7	28.1175.01	Thrust washer, 1.362 OD, pkg of 5
8	016.067.00	Sleeve bearing, .253 ID x .315 OD x .500 long, bronze
9	016.053.00	Thrust washer, .250 ID x .687 OD x .032 long, steel
10	013.100.00	Compression spring, .480 OD x .500 free length 1
11	016.054.00	Thrust needle bearing, .250 ID x .687 OD x .087 long
12	005.148.00	Socket head patch screw, 1/4-28 x 1-1/2
13	28.1320.01	Cap
14	046.084.01	Wire crimp nut, pkg of 5
15	28.1166.00	Shield
16	28.1213.00	Bulb cap
17	28.1188.00	Handle
18	041.336.02	Switch
19	002.073.00	Socket head screw (long), 10-32 x 3/4
20	002.130.00	Socket head screw (short) 10-32 x 3/8
21	28.1002.00	Switch housing pin

Dental Light Head

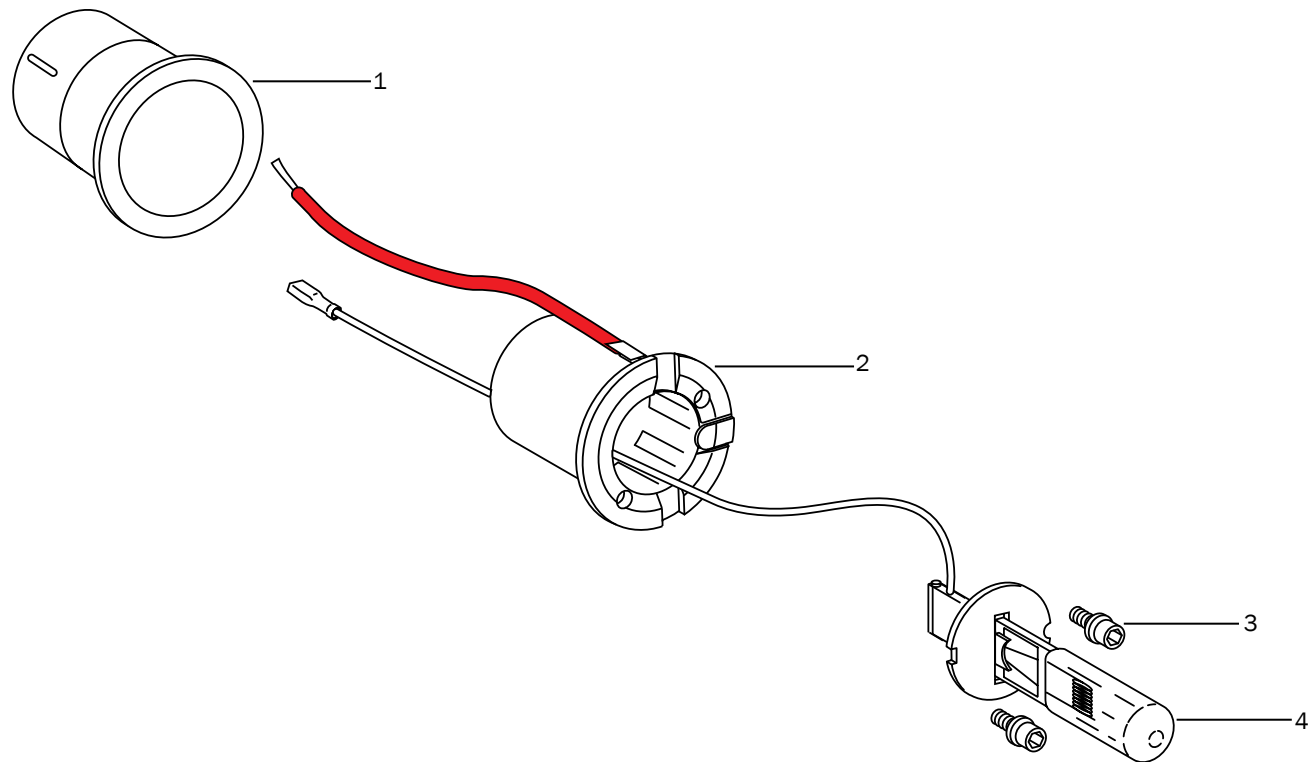
Item	Part Number	Description
1	28.1146.01	Light handle assembly
2	28.1170.00	Gasket
3	28.1168.00	Reflector
4	28.1155.00	Reflector nut
5	001.024.00	Socket head screw, 4-40 x 3/8, SST



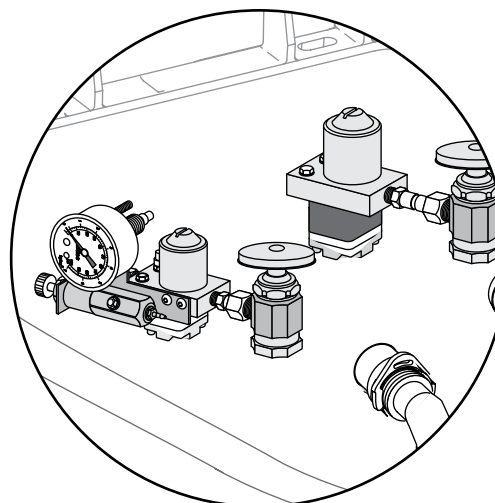
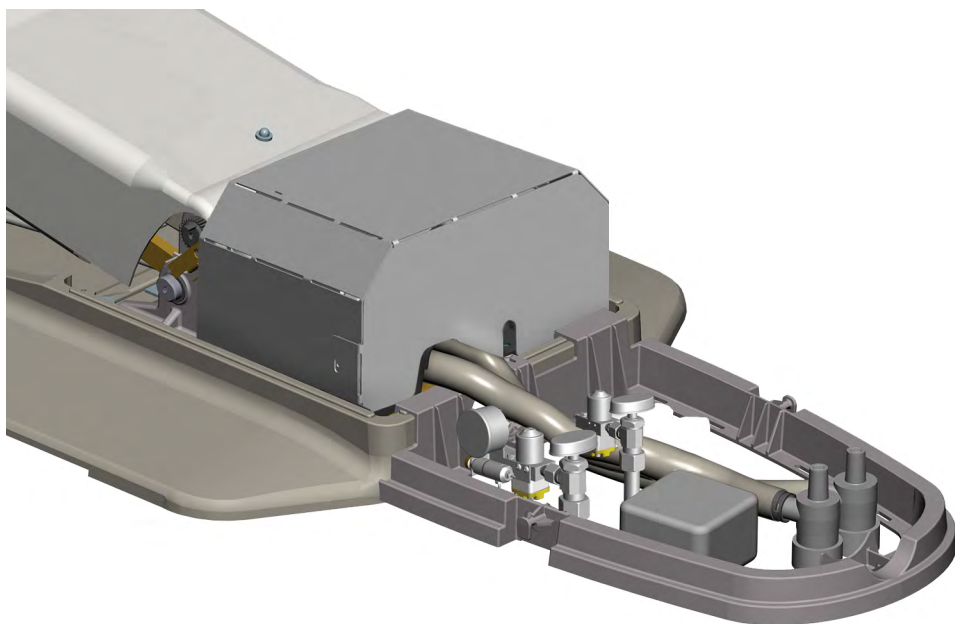
Bulb Socket Assembly

p/n 28.1289.00

Item	Part Number	Description
1	28.1169.00	Insulator
2	28.1227.00	Socket assembly
3	001.219.00	SEMS socket head screw, 4-40 x 1/4 SST
4	041.513.00	Bulb

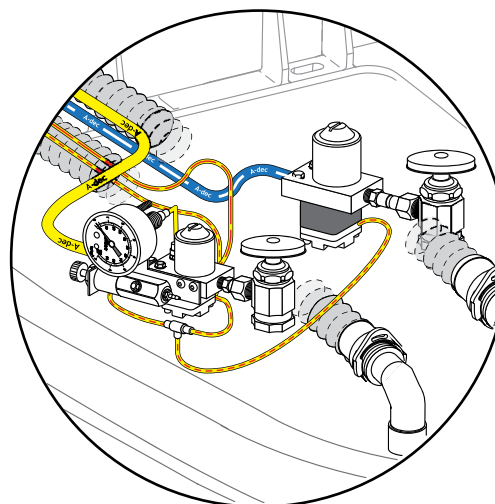


Utilities



page 43

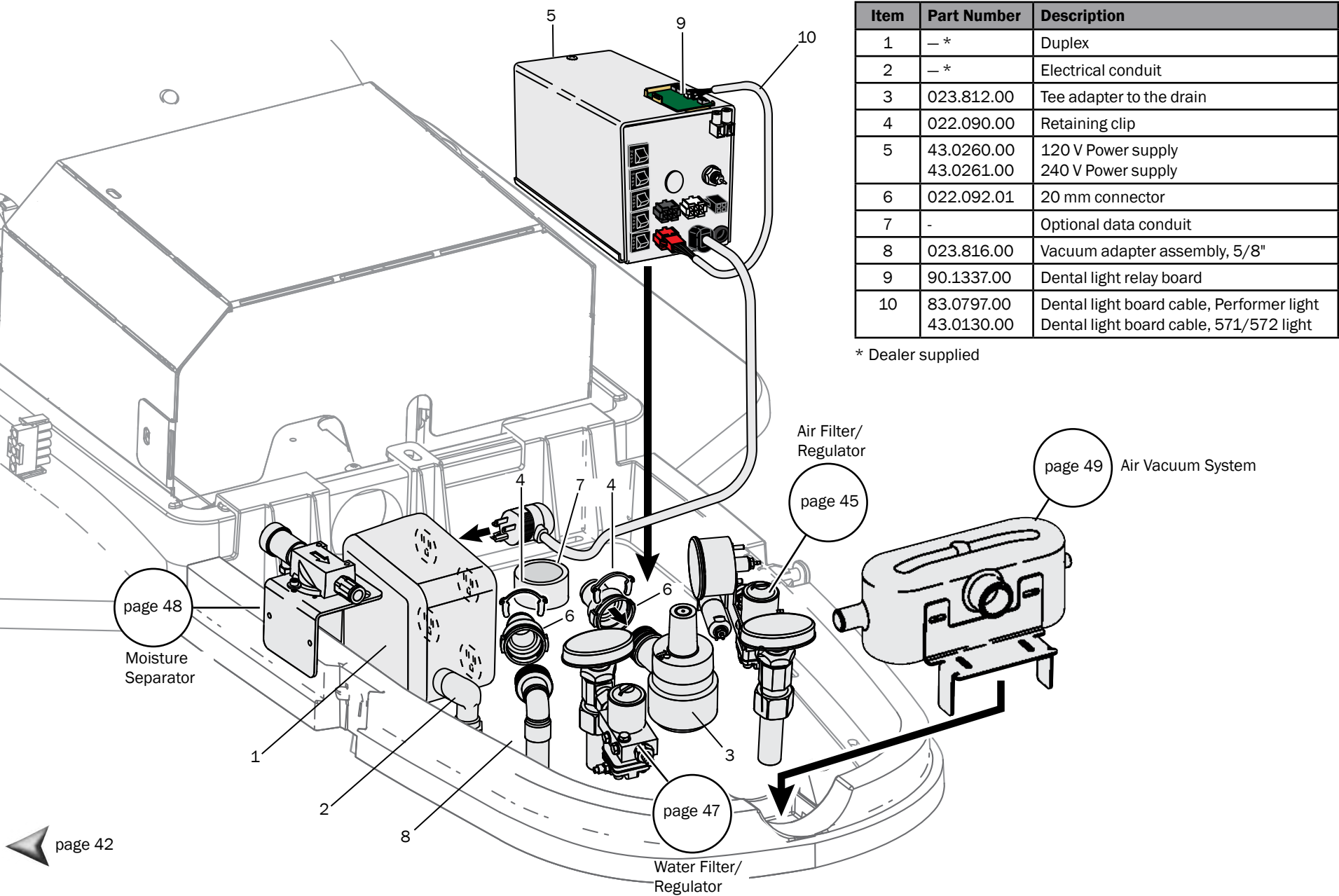
Utilities
Components



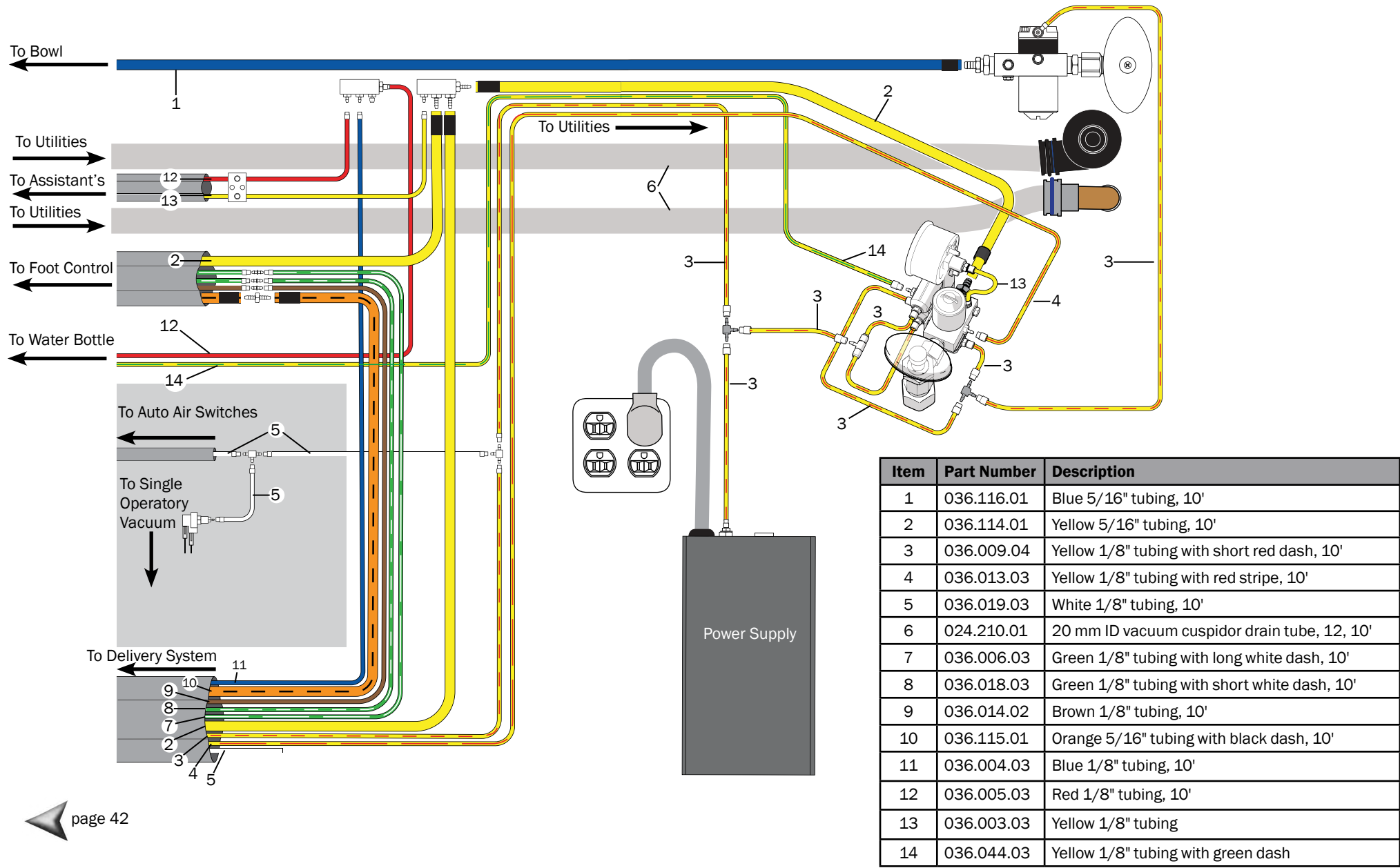
page 44

Utilities Tubing

Utilities — Components

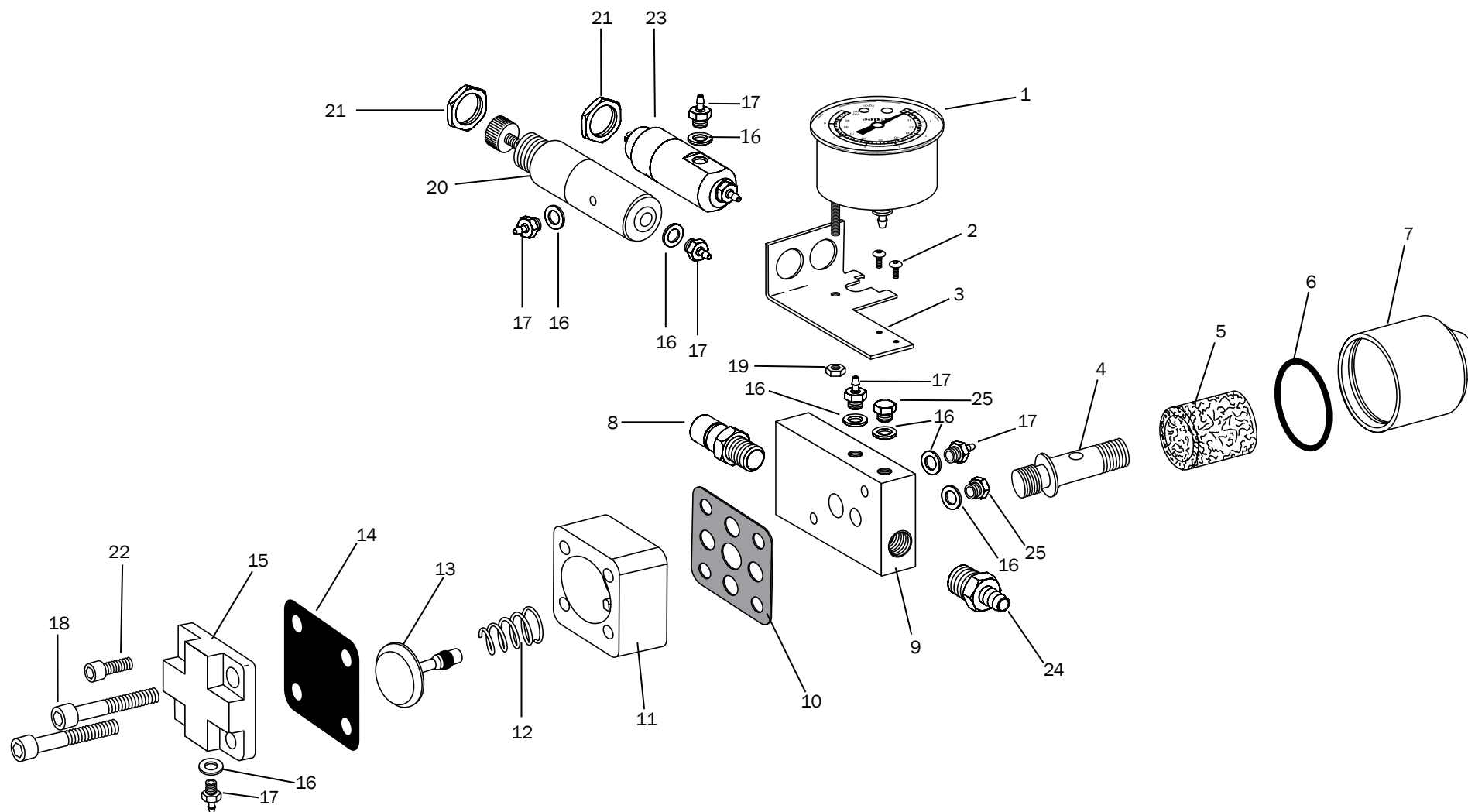


Utilities – Tubing



Air filter/Regulator

p/n 24.0491.00



Air filter/Regulator

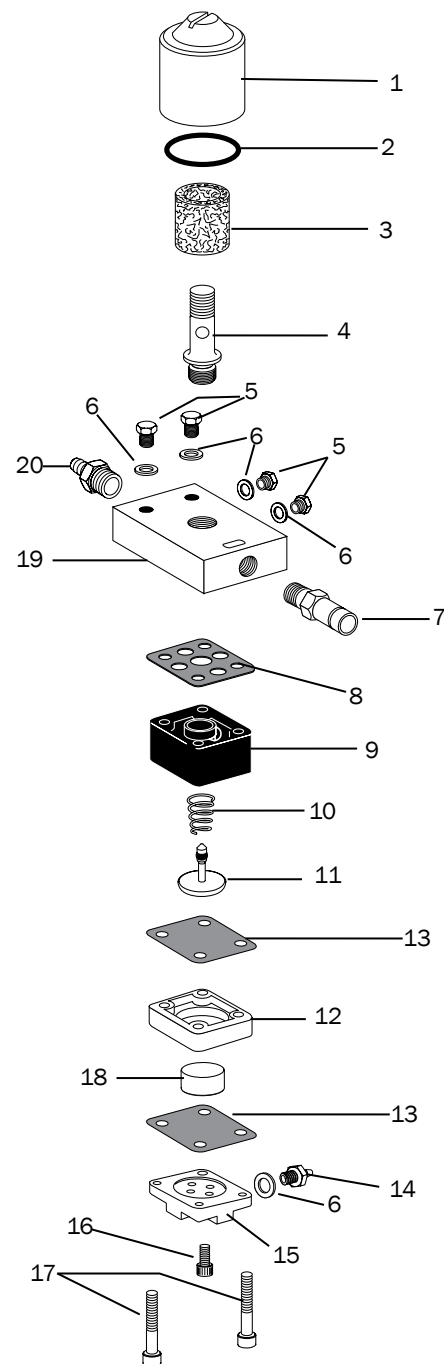
p/n 24.0491.00

Item	Part Number	Description
1	026.154.00	Gauge
2	002.140.00	Button head socket patch screw, 6-32 X 1/4"
3	24.0420.00	Bracket
4	24.0232.00	Stud, filter/regulator manifold
5	24.0234.01	Filter, pkg of 6
6	030.019.03	O-ring, pkg of 10
7	24.0229.00	Filter housing
8	021.042.00	Adapter
9	24.0489.00	Manifold, filter/regulator
10	24.0137.01	Gasket, 9-hole, pkg of 10
11	24.0135.00	Regulator, body, white
12	22.0460.00	Spring
13	24.0132.00	Piston with O-ring
14	22.0440.02	Diaphragm, pkg of 10
15	24.0368.00	Valve cover
16	004.005.02	Washer, flat nylon, 187 ID, pkg of 10
17	023.004.01	Barb, 1/8 x 10-32, pkg of 10
18	001.026.00	Screw, socket head, 6-32 x 7/8" SST
19	006.015.00	Keps hex nut, 6-32 x 5/16 x 9/64" steel zinc
20	24.0182.02	Regulator, air assembly, (includes item 21)
21	006.009.00	Hex nut, 15/32 - 32 x 9/16 x 3/32" brass nickel
22	001.024.00	Socket head screw, 4-40 X 3/8" SST
23	24.0388.02	Regulator assembly, 40 psi
24	023.804.00	NPT barb, 5/16 x 1/8"
25	021.016.04	Hex plug, 10-32, pkg of 10

Water Filter/Regulator Body

p/n 24.0474.00

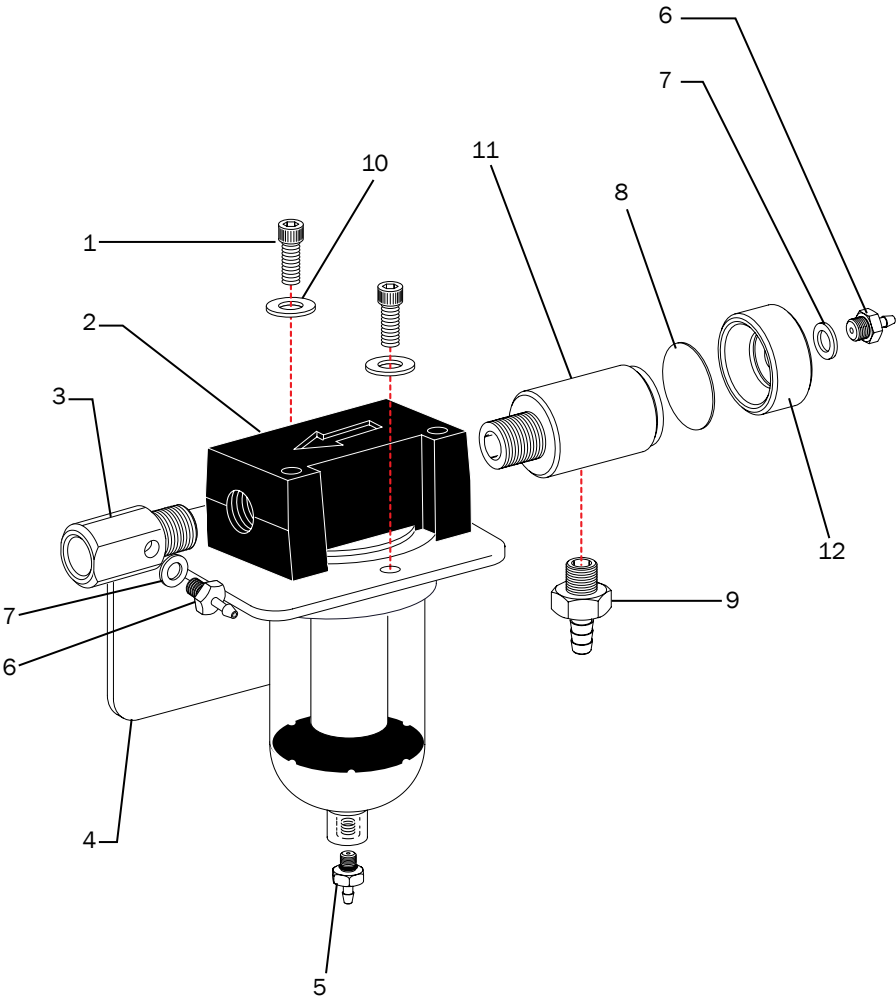
Item	Part Number	Description
1	24.0229.00	Housing, filter
2	030.019.03	O-ring AS568-09, pkg of 10
3	24.0234.06	Filter kit, pkg of 6
4	24.0232.00	Stud, filter/regulator manifold
5	021.016.04	Plug, hex head, 10 - 32
6	004.005.02	Flat nylon washer, .187 iD, pkg of 10
7	021.042.00	Adapter, 1/8" MPT to 3/8"
8	24.0137.01	9-hole gasket, pkg of 10
9	24.0355.00	Body, black
10	013.032.00	Conical compression spring, .350 OD x .400 free length, SST
11	24.0132.00	Piston with O-ring
12	24.0140.00	Spacer, water regulator
13	22.0440.02	Diaphragm, pkg of 10
14	023.004.01	Barb, 1/8" x 10-32, pkg of 10
15	24.0368.00	Valve cover
16	001.021.00	Screw, socket head, 4-40 x 1/2", stainless steel
17	002.011.00	Screw, socket head, 6-32 x 1", stainless steel
18	24.0142.00	Plunger
19	24.0489.00	Filter/regulator manifold
20	023.804.00	NPT barb, 5/16 x 1/8"



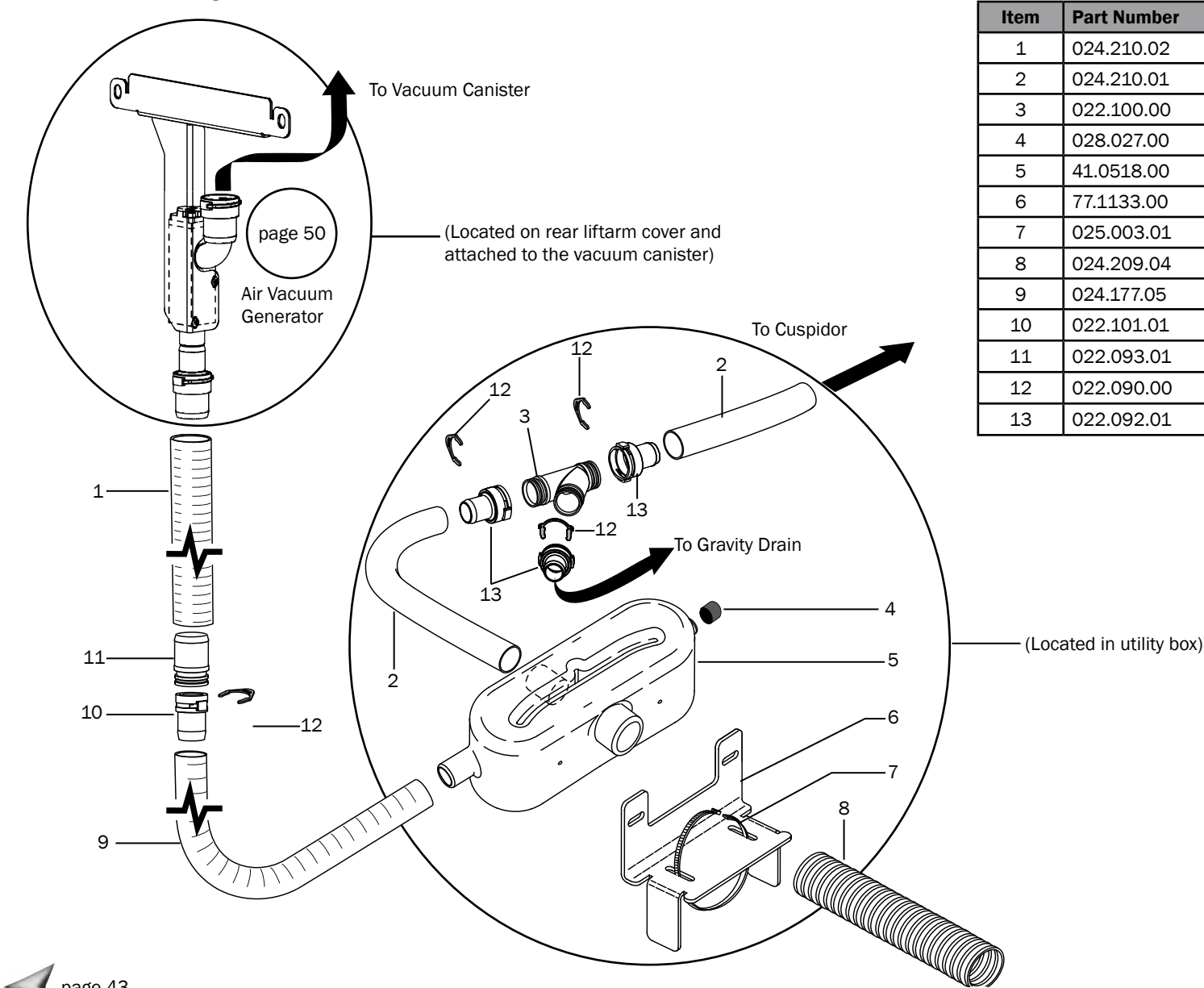
Moisture Separator

p/n 41.1477.00

Item	Part Number	Description
1	001.033.00	Socket head screw, 6-32" x 3/8" SST
2	026.185.00	Moisture separator, auto
3	023.823.00	Adapter, 10 - 32 vent
4	24.0472.00	Bracket, gauge/moisture separator
5	023.066.00	Barb, 1/8" x .206-36
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	41.1469.01	Diaphragm, .75" DX x .013" THK, pkg of 5
9	023.804.00	NPT barb, 5/16 x 1/8"
10	004.120.00	Washer
11	41.1465.00	Body
12	41.1466.00	End cap



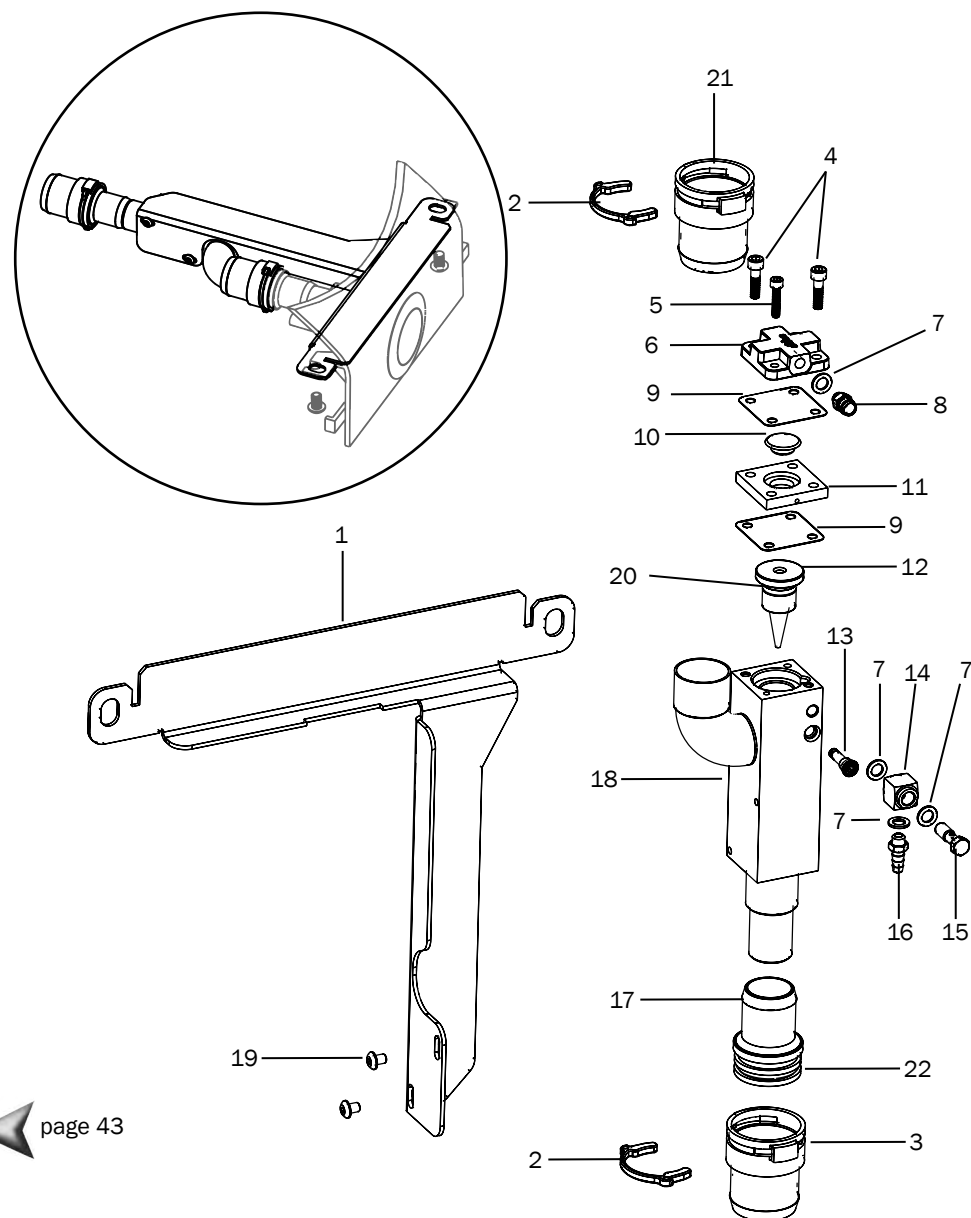
Air Vacuum System



Item	Part Number	Description
1	024.210.02	20 mm Vacuum tubing, 7'
2	024.210.01	20 mm Vacuum tubing, 12'
3	022.100.00	Male Y vacuum connector
4	028.027.00	Cap
5	41.0518.00	Liquid separator tank
6	77.1133.00	Mounting bracket
7	025.003.01	Cable tie, pkg of 10
8	024.209.04	25 mm Vacuum tubing, 8"
9	024.177.05	5/8" ID vacuum tubing
10	022.101.01	15 mm female Durr vacuum connector
11	022.093.01	20 mm male Durr vacuum connector
12	022.090.00	Retainer clip
13	022.092.01	20 mm female vacuum connector

Air Vacuum Generator

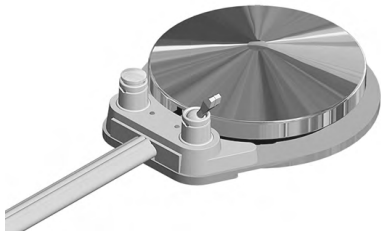
Performer AVS kit p/n 77.1421.00



Item	Part Number	Description
1	77.1422.00	Bracket
2	022.090.01	Retainer clip
3	022.092.00	Female vacuum connector, 20 mm
4	001.042.00	Socket head screw, 6-32 x 1/2 SST
5	001.021.00	Socket head screw, 4-40 x 1/2 SST
6	11.1086.00	Valve cover
7	004.005.02	Washer, .187 ID, pkg of 10
8	023.089.00	Female QD, 10-32
9	22.0440.01	Diaphragm, pkg of 10
10	41.0516.00	Piston
11	41.0515.00	Spacer
12	11.1085.00	Jet
13	38.0517.00	Cartridge
14	021.002.00	Elbow body
15	021.003.00	Special screw, 10-32 x .187
16	023.001.03	Barb, 1/4 x 10-32, pkg of 10
17	022.093.01	Male connector, 20mm
18	11.1101.00	Body assembly
19	002.103.00	Button head socket screw, 6-32 x 3/16
20	030.012.02	O-ring AS568-012, pkg of 10
21	022.094.01	Female vacuum connector, 25 mm
22	035.053.01	Silicone o-ring, 20mm ID x 2 mm wall, pkg of 10

Accessories

Foot Control Assemblies

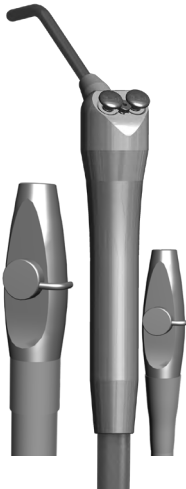


page 52 Disc Foot Control



page 55 Lever Foot Control

Syringes and Vacuum Instrumentation Assemblies



page 60 Autoclavable 11 mm HVE

page 63 Autoclavable Saliva Ejector

page 64 DURR Saliva Ejector

page 65 Syringe

page 67 Warm Water Syringe

page 61 DURR HVE (International only)

page 62 Dual HVE

Tray Assembly

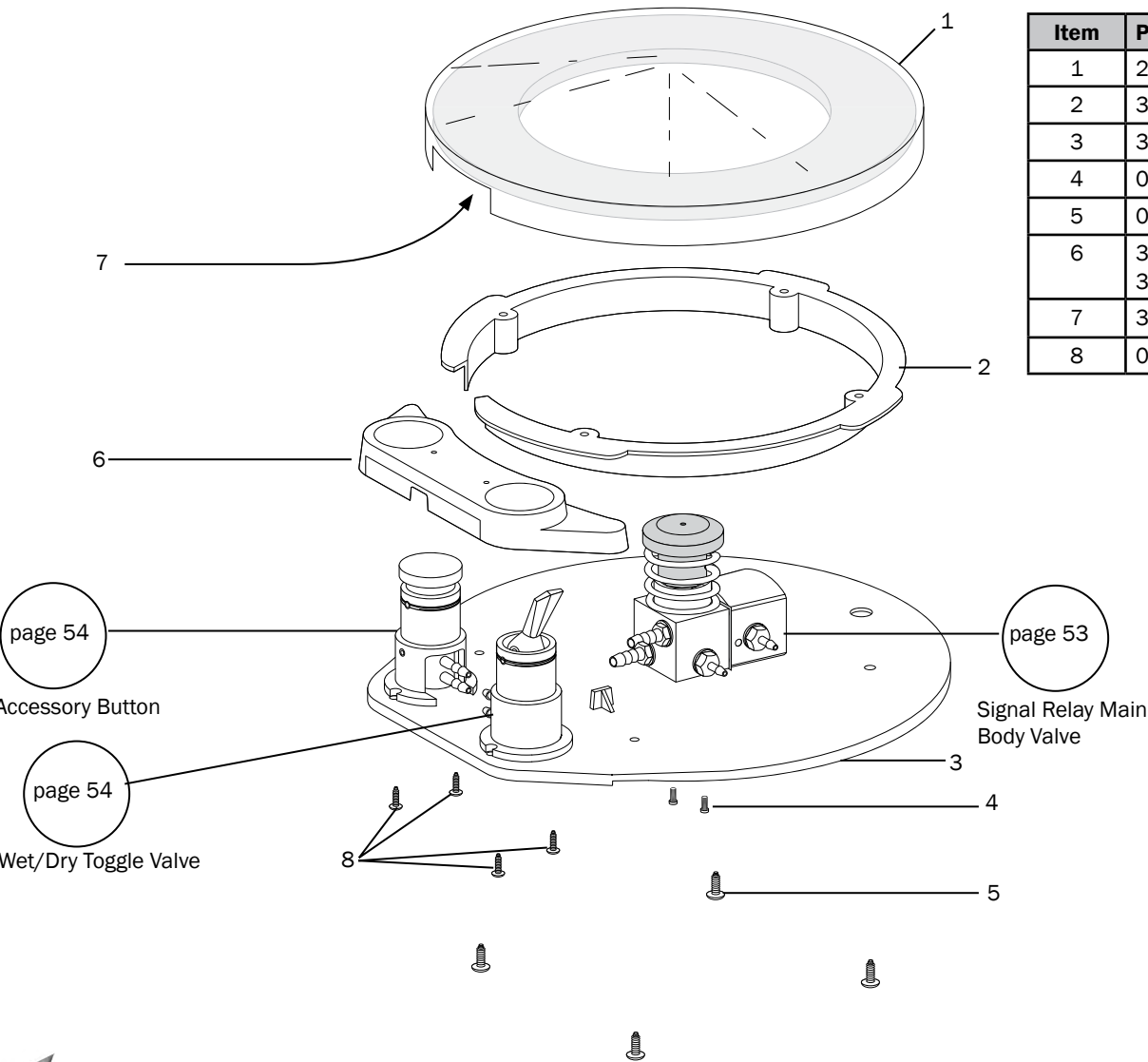


page 59 Tray Assembly

Disc Foot Control

p/n 38.1821.00 Disc Foot Control without Accessory Button

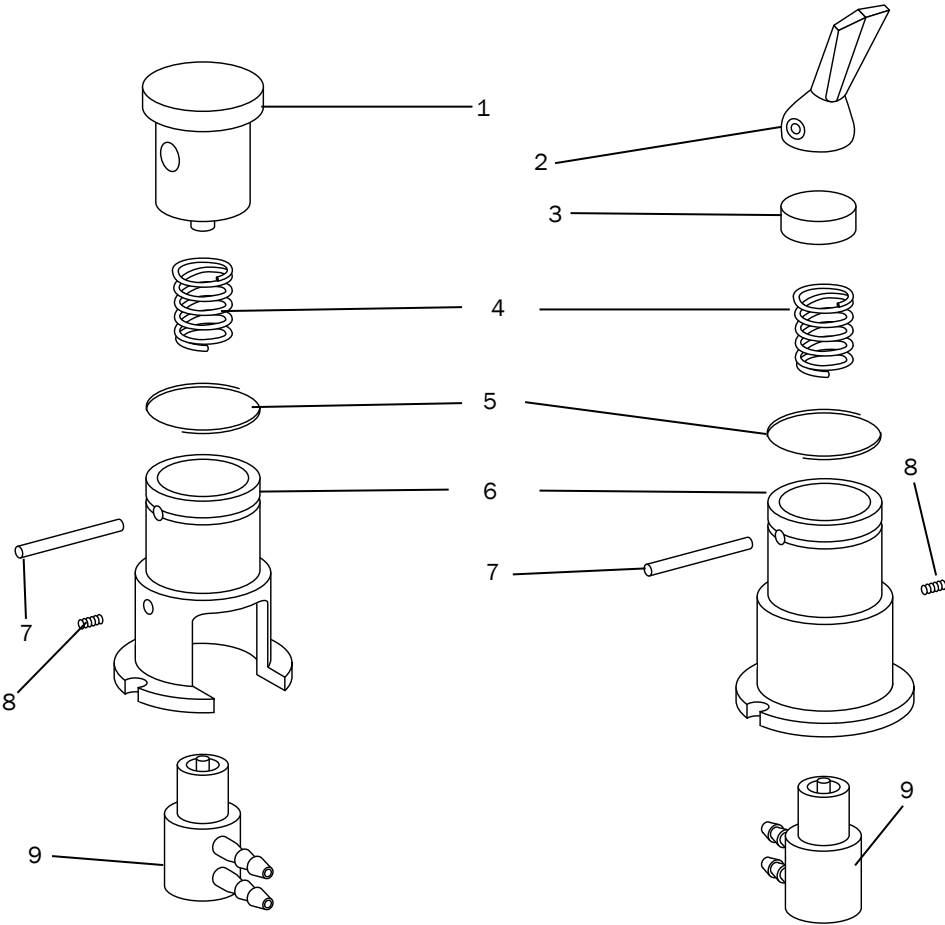
p/n 38.1838.00 Disc Foot Control with Accessory Button



Item	Part Number	Description
1	22.0110.00	Foot control cover, chrome (includes item 7)
2	38.0325.00	Black retaining ring, 5" OD
3	38.0059.03	Base assembly, foot control, white
4	003.078.00	Socket head tap screw, 4-40 1/4", zinc
5	003.022.00	Metal pan head Phillips screw, #6 x 1/2" SST
6	38.1802.01 38.1822.00	2-hole accessory housing, 5/16" gray 1-hole (left) accessory housing, 5/16" gray
7	38.0076.00	Foam liner, adhesive back (also part of item 1)
8	003.088.00	Phillips pan head tap screw, No. 4 x 1/2 steel zinc

Disc Foot Control Accessory Button and Wet/Dry Toggle Valve

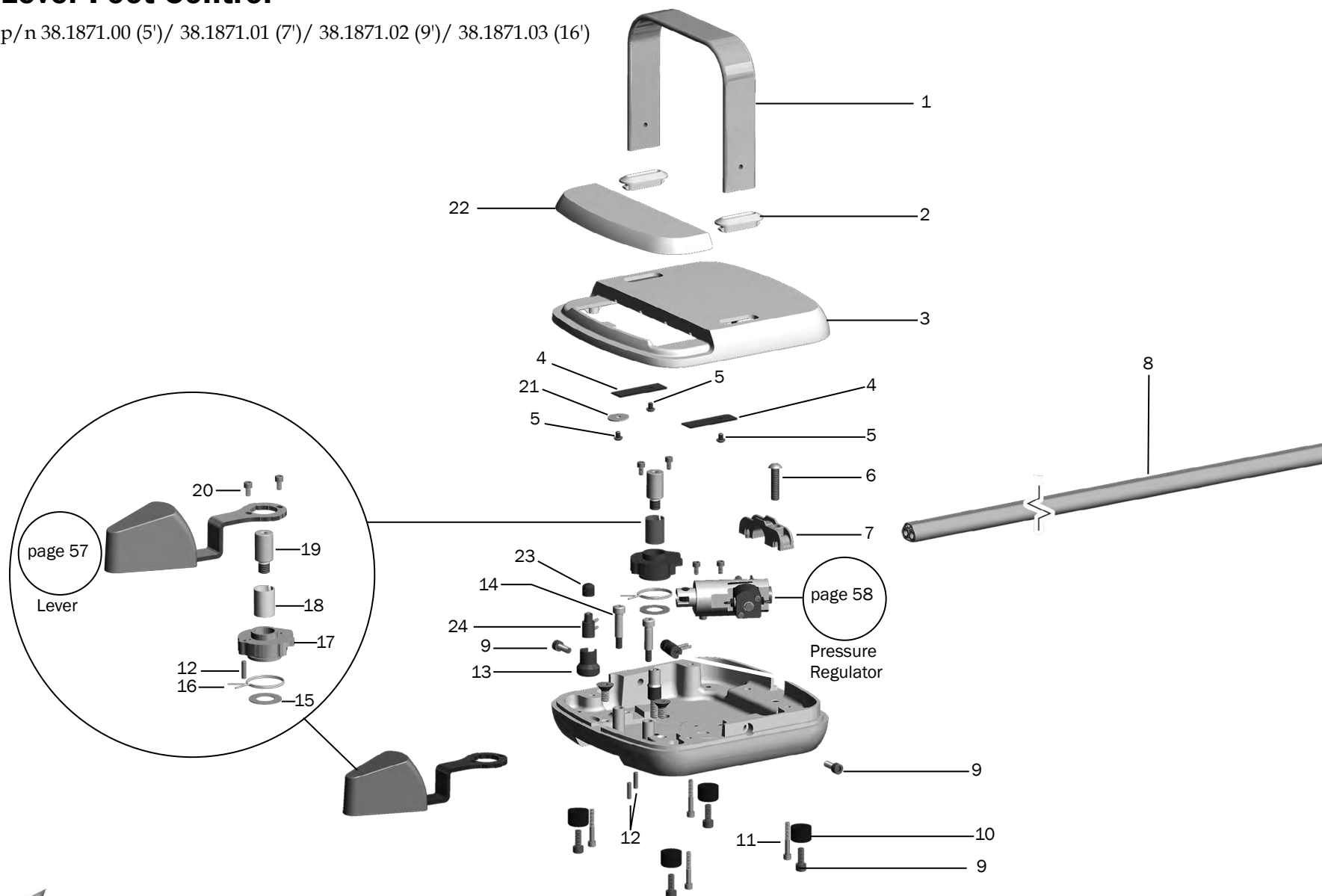
p/n 38.0612.01/38.1832.00



Item	Part Number	Description
1	38.0070.00	Actuator button
2	38.0075.04	Foot control toggle valve lever, with pin, gray
3	38.0066.00	Cap spring, wet/dry valve assembly
4	22.0040.00	Spring, helical compression, .300 OD x .40" long
5	010.056.00	Retainer spring, .600 diameter
6	38.0072.04	Holder valve, white
7	011.016.00	Pin, dowel, .125 diameter x .625
8	007.021.00	Setscrew, socket cup point, 6-32 x 5/16
9	33.0138.00	3-way micro valve assembly

Lever Foot Control

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

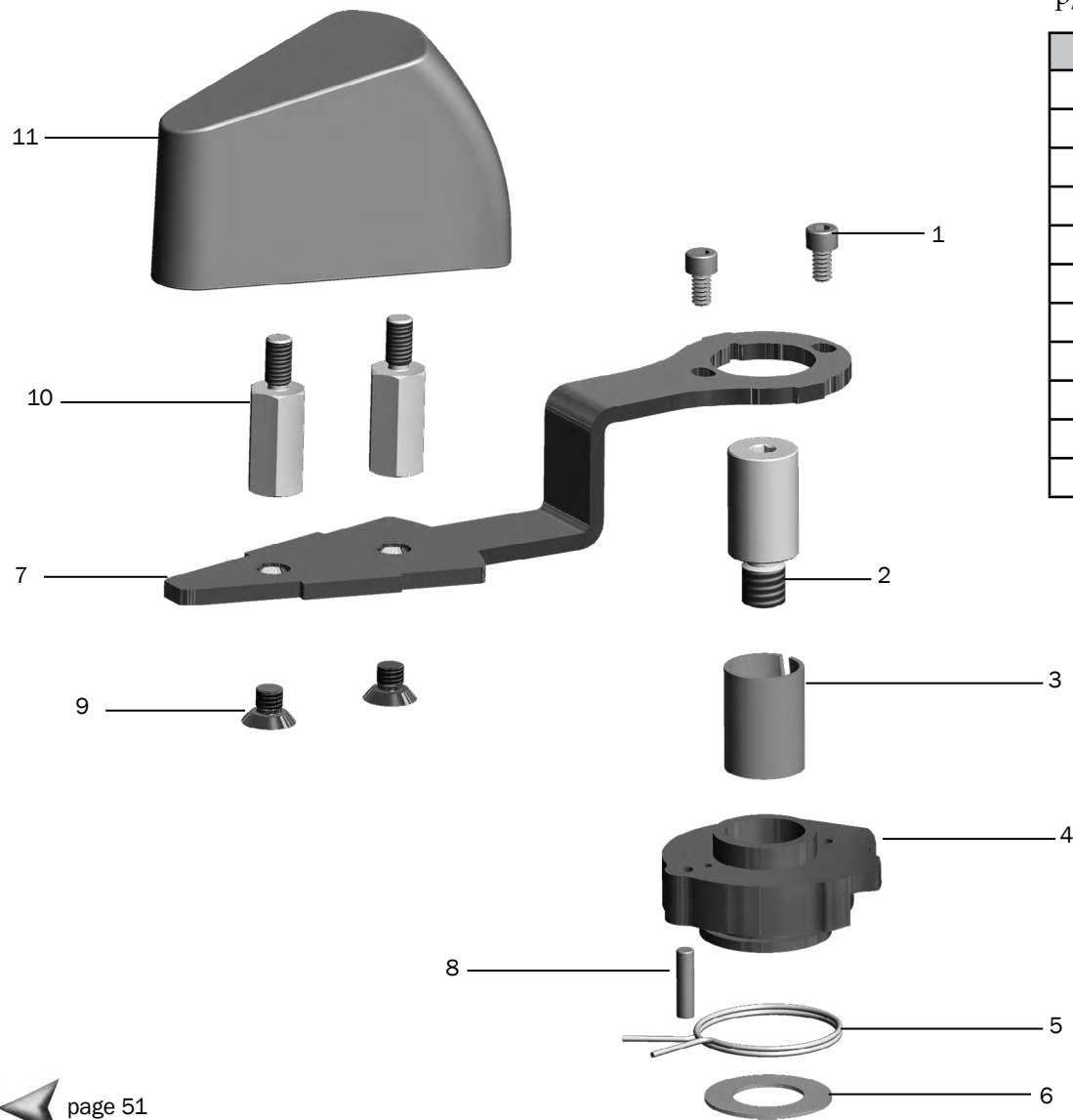


Lever Foot Control

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	Button head socket screw, 6-32 x 3/16
6	005.109.02	Button head socket screw, 1/4-20 x 1"
7	62.0131.00	Strain relief
8	024.214.01	Foot control tubing, gray 10'
9	002.135.01	Stainless steel patch socket head screw, 10-32 x 1/2"
10	017.035.00	Bumper
11	002.011.00	Socket head screw, 6-32 x 1
12	011.052.00	Pin
13	38.1864.00	Chip air valve mount
14	001.293.00	Socket shoulder screw, 10-24 x 1/4 x 3/4"
15	004.035.00	Flat washer
16	013.140.00	Spring
17	38.1861.01	Cam
18	016.174.00	Bearing
19	38.1873.00	Screw, 1/4-20 thread
20	001.034.00	Socket head 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	33.0138.00	Micro valve assembly

Lever Foot Control Lever Assembly

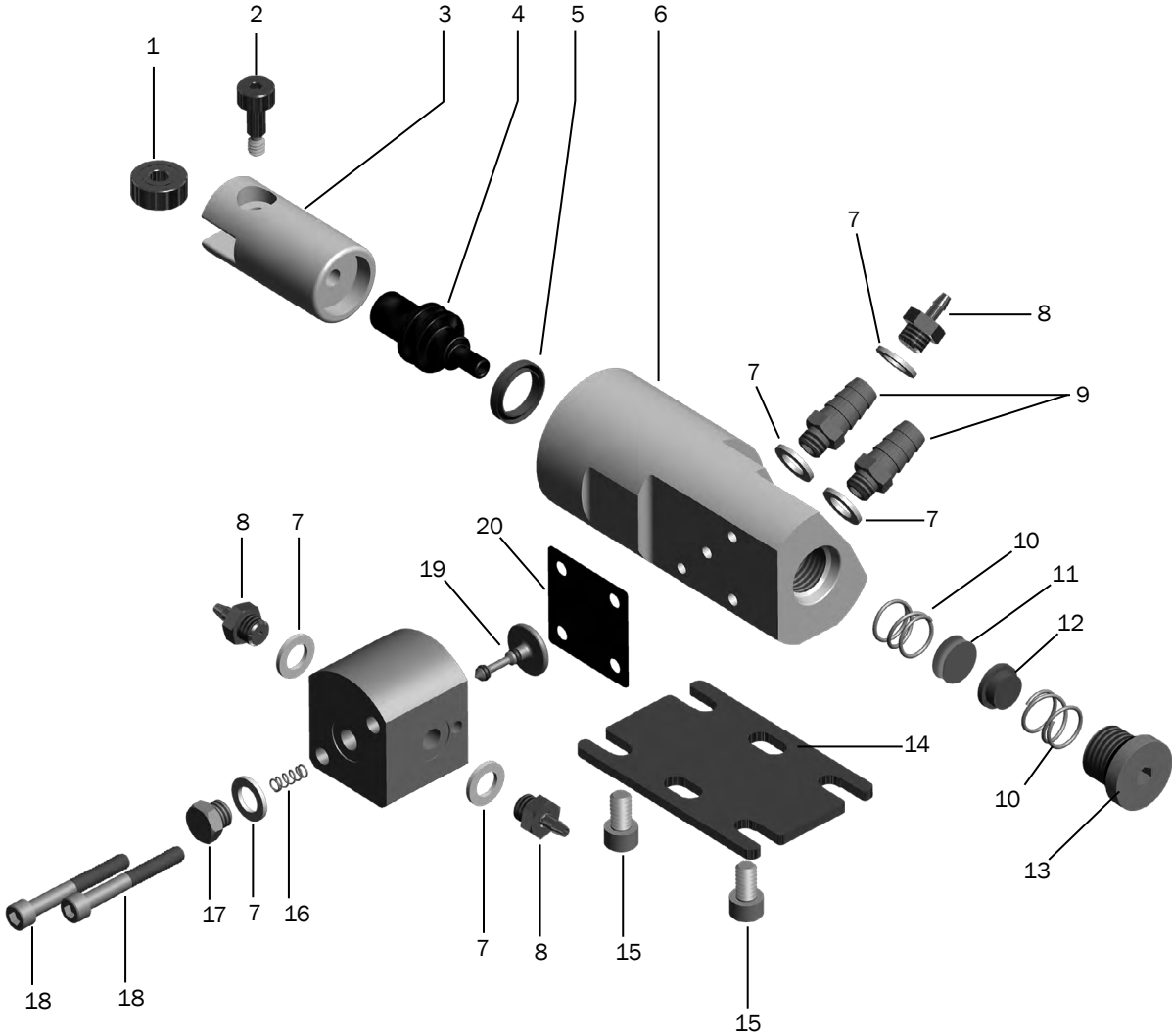


p/n 38.1869.00

Item	Part Number	Description
1	001.034.00	Socket head screw , 6-32 x 1/4"
2	38.1873.00	Bearing stack screw, 1/4 - 20
3	016.174.00	Bearing
4	38.1861.01	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	Undercut flat head socket screw, 10/32 x 1/4
10	037.059.00	Stand off
11	38.1852.00	Cover

Lever Foot Control Pressure Regulator Assembly

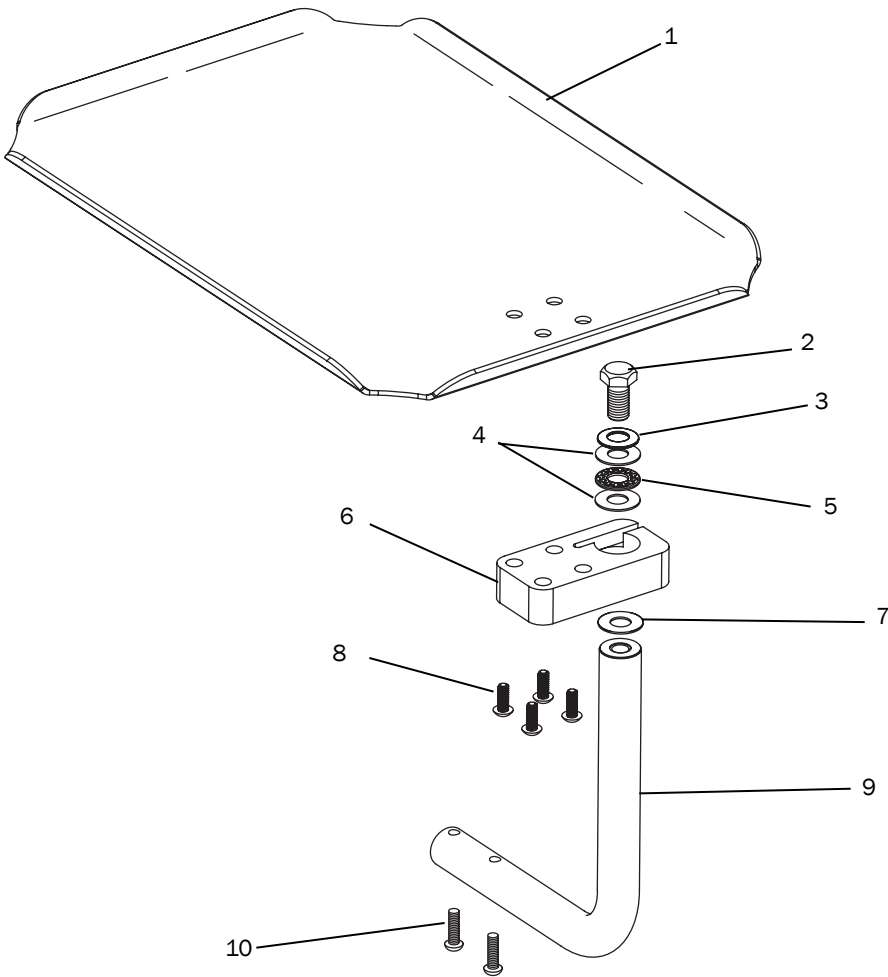
p/n 38.1870.01 Pressure Regulator
p/n 90.1510.00 Pressure Regulator Kit



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	004.005.02	Washer, pkg of 10
8	023.004.01	1/8" Barb, pkg of 10
9	023.805.01	5/16" Barb, pkg of 10
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	021.016.04	Plug pkg of 10
18	002.102.00	Socket head screw, 4-40 x 7/8
19	22.0778.00	Valve stem with O-rings
20	38.0054.02	Diaphragm, pkg of 10

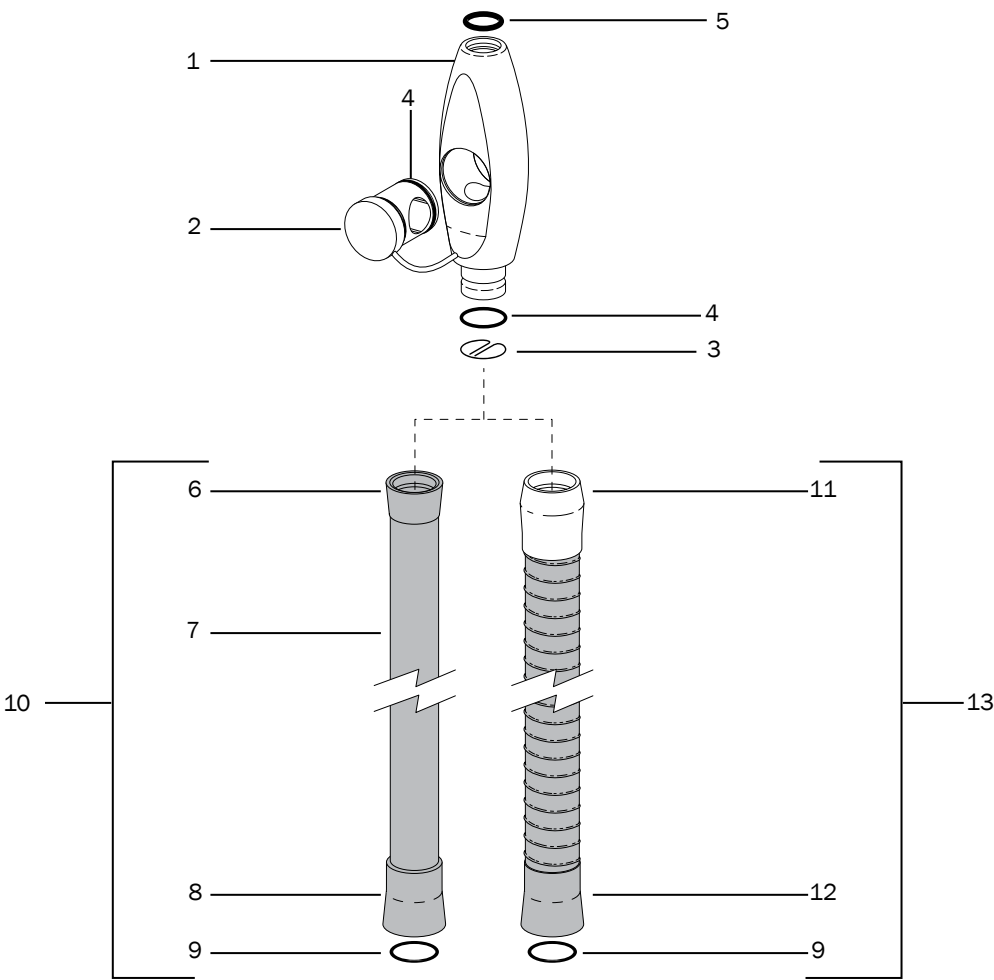
Tray Assembly

p/n 77.0933.00 (standard), 77.0932.00 (large)



Item	Part Number	Description
1	77.0900.00 77.1000.00	Tray holder (standard shown) Tray holder (large, not shown)
2	002.115.01	Hex head patch screw, 3/8 - 16 x 7/8"
3	004.019.00	Washer, spring
4	004.172.00	Washer, thrust
5	016.102.00	Bearing thrust
6	77.0997.00	Tray holder, mount
7	39.1048.00	Washer
8	005.110.00	Button head socket screw, 10 - 32 x 1/2"
9	77.0835.00	Arm, Traditional
10	005.124.00	Button head socket patch screw, 10 - 32 x 1"

Autoclavable 11 mm HVE



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)

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	12.1237.01	Standard HVE tubing assembly

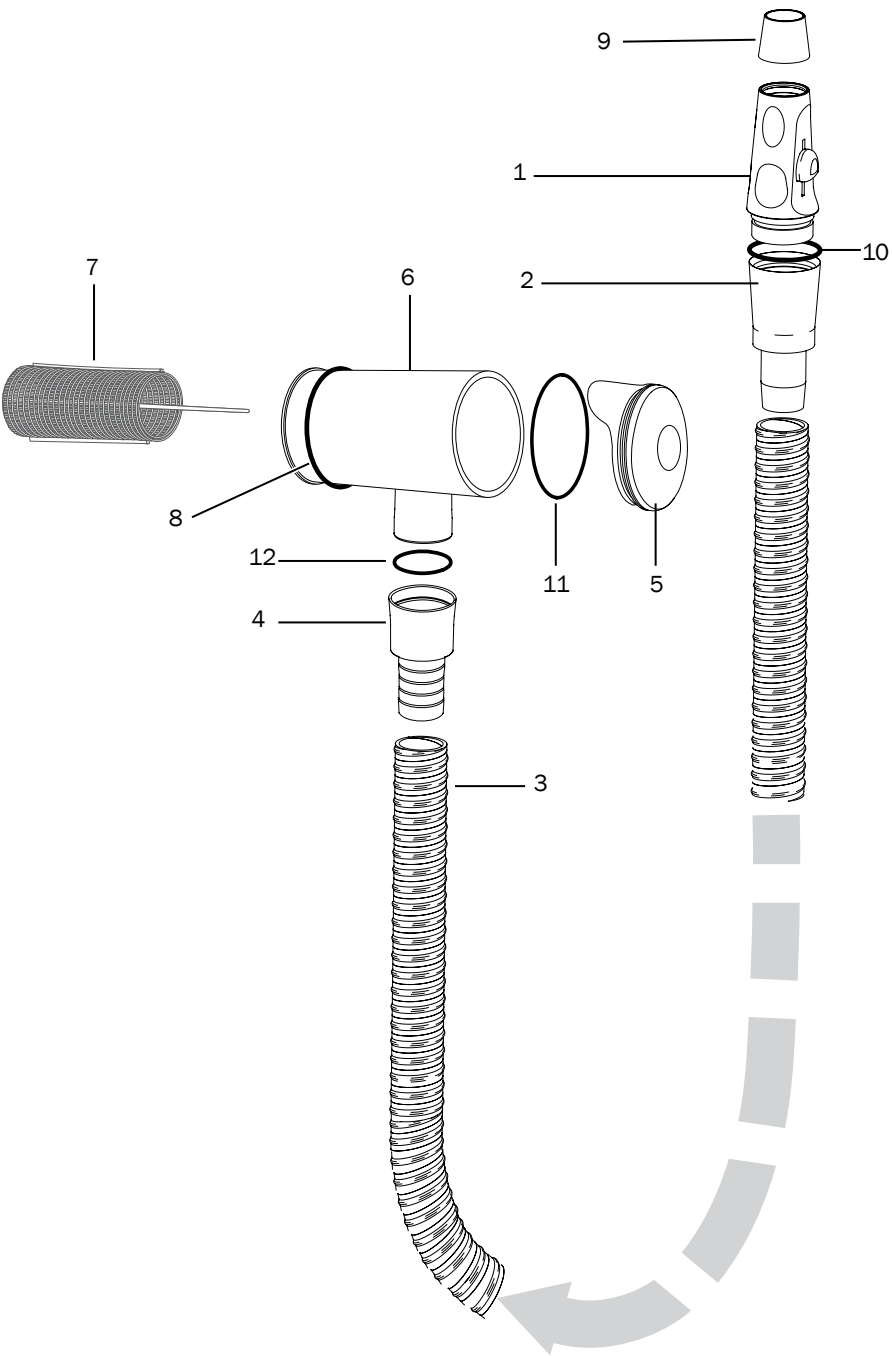
11 mm and 15 mm - p/n 11.1305.01 (white)

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")

Durr HVE (International Only)

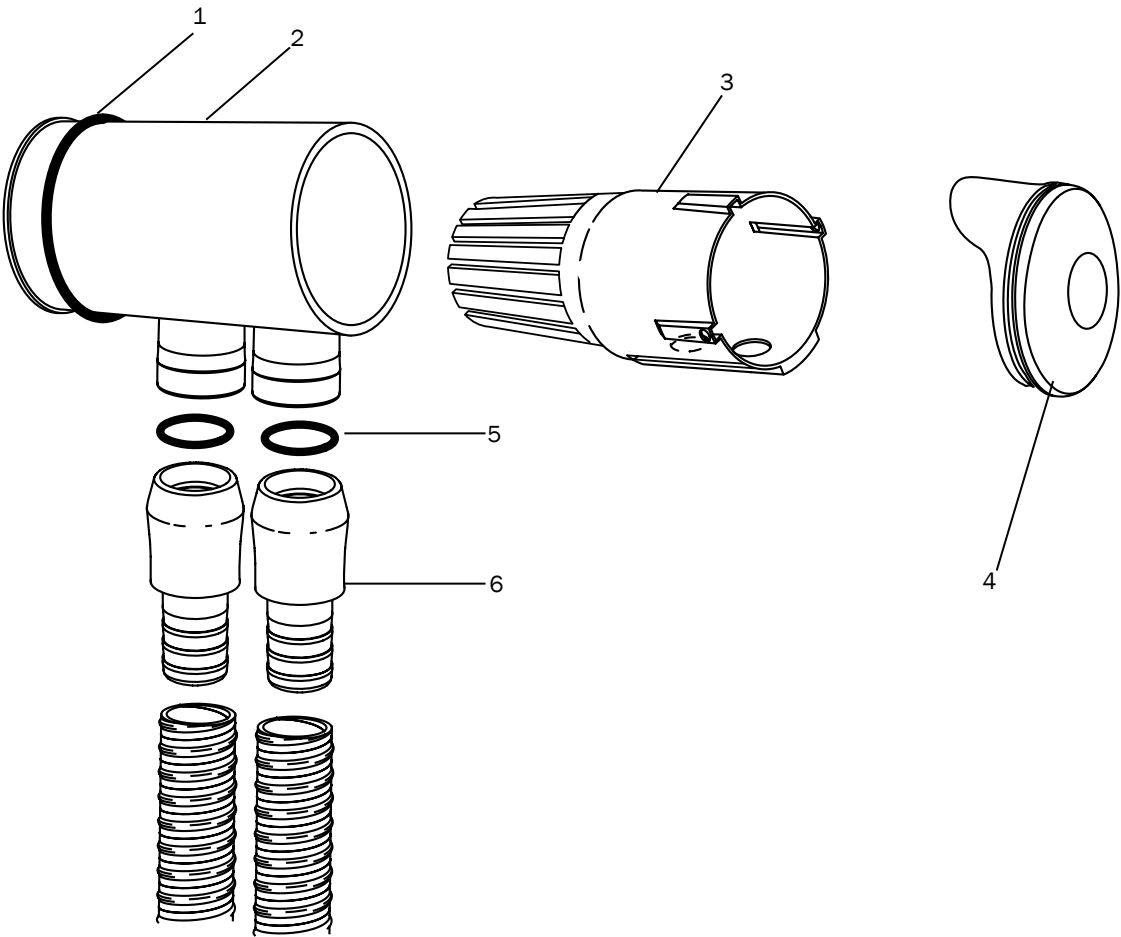
p/n 11.1332.00

Item	Part Number	Description
1	11.1328.00	Durr handpiece
2	11.1329.00	Durr tailpiece
3	024.240.02	16 mm Hollow core gray3 tubing, 60"
4	11.1301.02	Vacuum canister tailpiece
5	11.1330.01	Cap
6	12.1107.02	Connector
7	11.1191.01	Pinnacle screen, pkg of 10
8	030.027.01	O-ring, pkg of 10
9	11.1331.00	Adapter, 11 x 15 mm
10	035.003.01	O-ring, quad, 029 ID x .040 wall, pkg of 10
11	030.026.01	O-ring, 1.239 ID x 0.70 wall, pkg of 10
12	034.018.02	O-ring, EPDM, .739 ID x .070. wall, pkg of 10



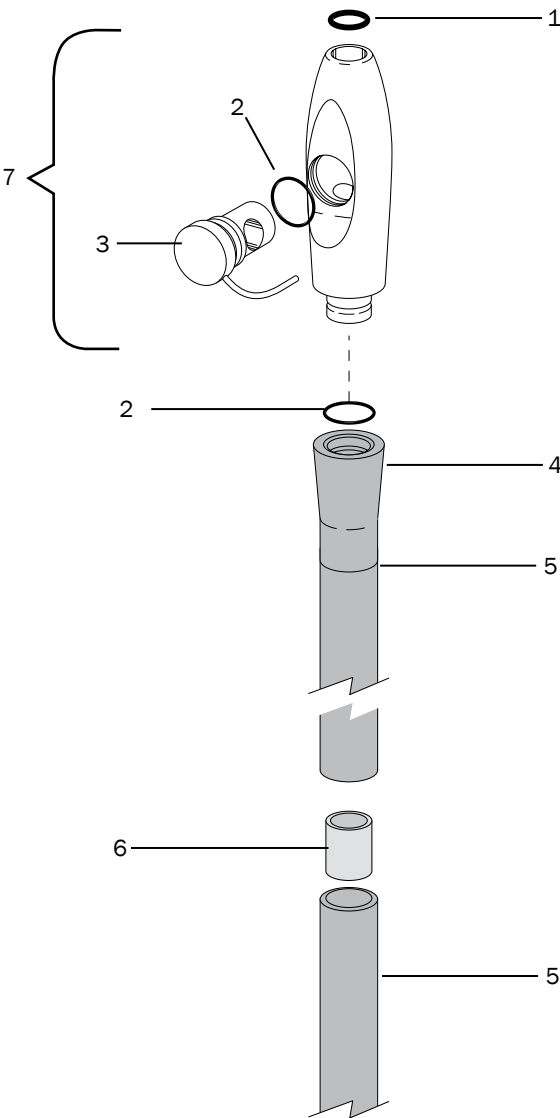
Dual HVE

Item	Part Number	Description
1	030.027.01	O-ring, pkg of 10
2	75.2278.00	Dual connector
3	11.1007.00	Vacuum screen
4	11.1333.00	Dual cap
5	030.014.01	O-ring, pkg of 25
6	11.1272.00	Tail piece, 11 mm valve



Autoclavable Saliva Ejector

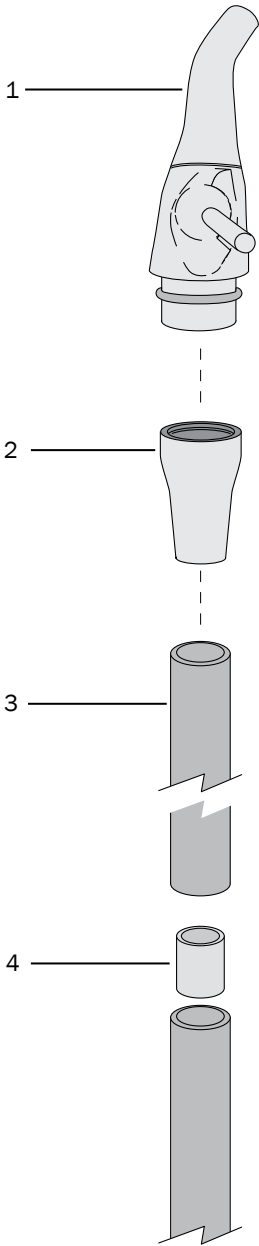
p/n 12.1260.00



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	12.1093.00	Rotor assembly
4	12.1229.03	Tailpiece, SE with O-ring
5	024.218.03	Tubing, 10'
6	023.112.00	Brass Tube, 1"
7	12.1258.00	SE Valve assembly

DURR Saliva Ejector

p/n 12.1261.00

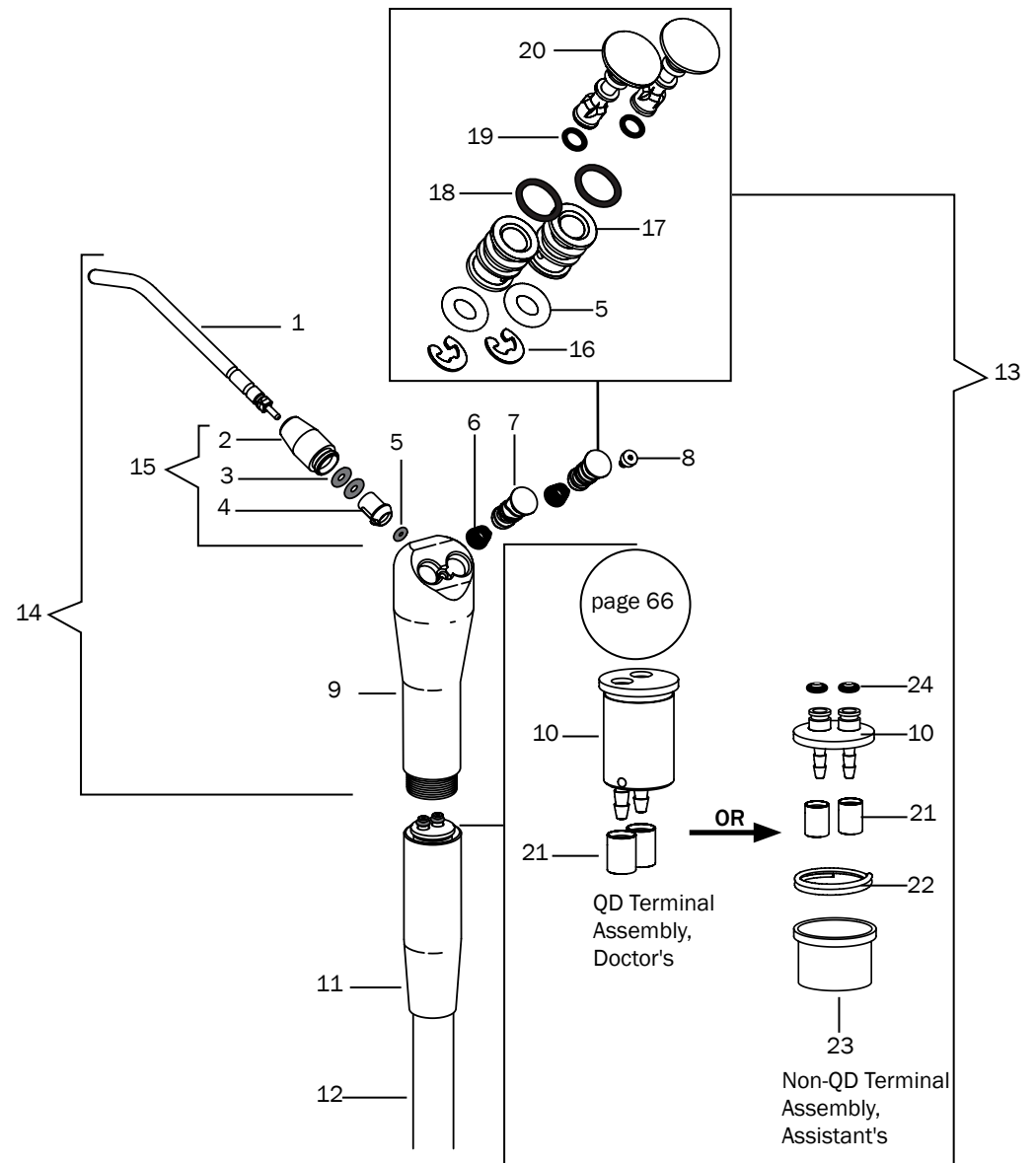


Item	Part Number	Description
1	12.1254.00	Durr saliva ejector adaptor
2	12.1251.00	Durr saliva ejector handpiece
3	024.218.01	Tubing, gray 3, 6'
4	023.112.00	Brass tube, 5/16 OD x 1.00" LG

Syringe

p/n 23.1311.00 - 12' (Non-QD, Assistant's) 23.1303.00 - 7' (QD, Doctor's)

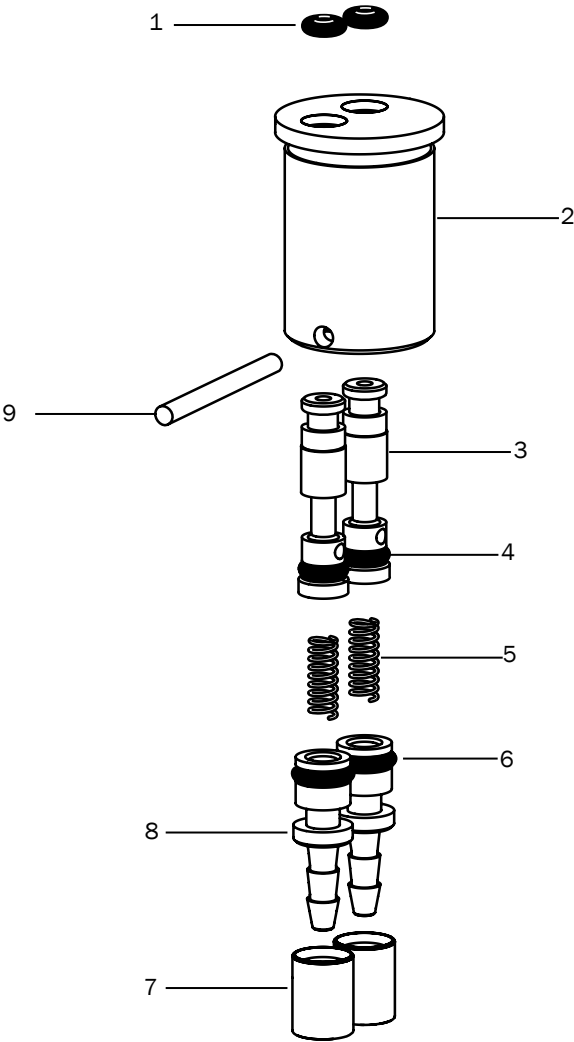
Item	Part Number	Description
1	23.0872.01	Syringe tip, pkg of 5
2	23.1111.01	Syringe nut with o-ring
3	035.062.01	O-ring, pkg of 10
4	23.1101.01	Spacer, with o-ring
5	034.003.01	O-ring, pkg of 10
6	013.064.01	Compression spring, pkg of 10
7	23.1232.01	Button valve assembly, pkg of 2
8	23.1193.01	Screw, 2-56, pkg of 5
9	23.1190.00	Syringe head
10	23.1110.00 23.1067.00	QD Terminal assembly, with O-rings (doctor's) Non-QD Terminal assembly (assistant's)
11	23.1015.00	Syringe handle
12	024.223.12	Syringe tubing, 12'
13	23.1311.00	Autoclavable syringe assembly with tubing, 12'
14	23.1011.00	Autoclavable syringe head assembly
15	23.1112.00	Syringe nut assembly
16	010.019.00	Retaining ring
17	23.1230.00	Button spool
18	035.049.01	O-ring, pkg of 10
19	035.050.01	O-ring, pkg of 10
20	23.1231.00	Button valve stem with o-ring
21	025.021.00	Sleeve clamp
22	010.073.00	Retainer spring
23	23.0802.00	Bushing
24	030.002.02	O-ring, pkg of 10



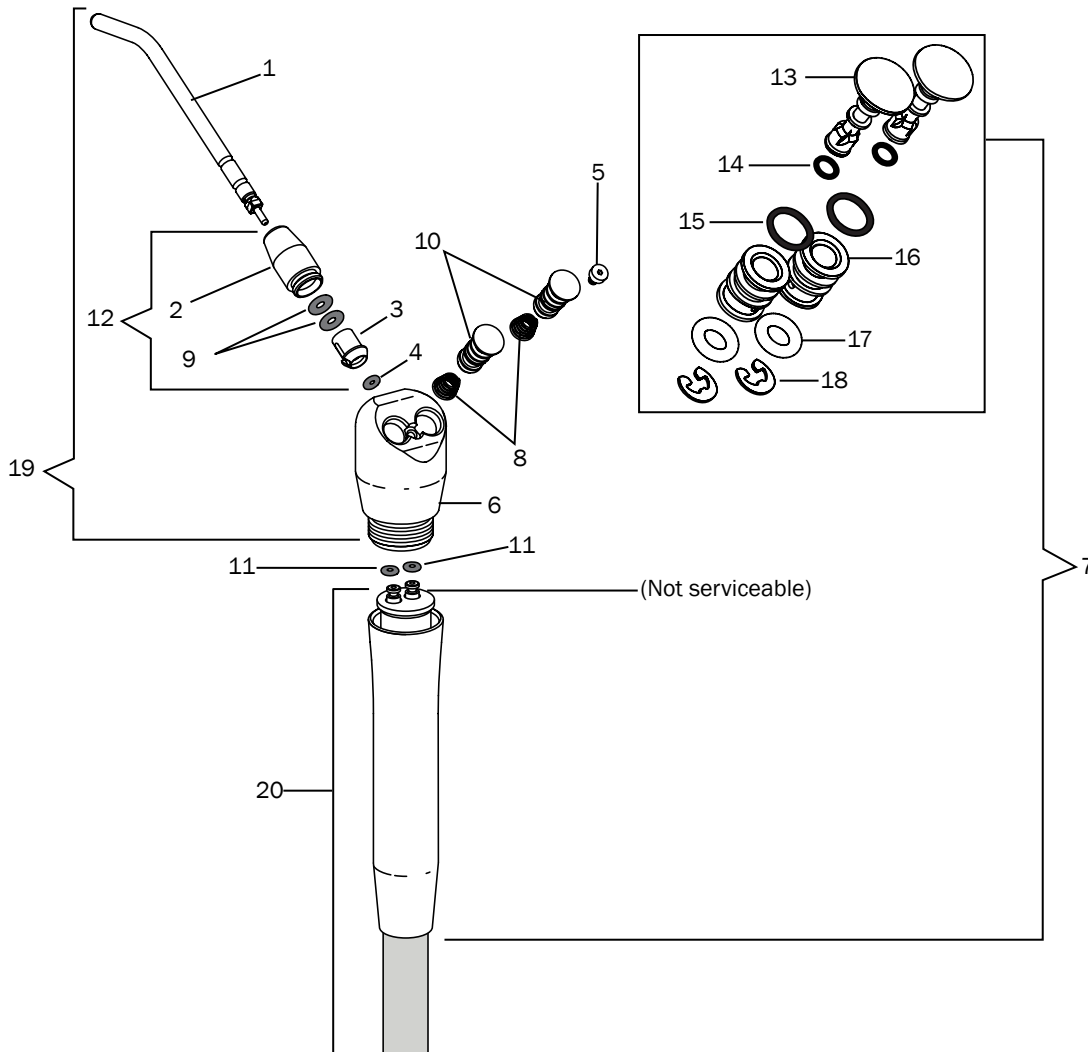
Quick Disconnect Terminal Assembly

p/n 23.1067.00

Item	Part Number	Description
1	030.002.02	O-ring, pkg of 10
2	23.1065.00	2-Barb terminal
3	23.1063.00	Stem, syringe, QD
4	035.025.01	O-ring, pkg of 10
5	013.003.01	Spring, pkg of 10
6	035.028.01	O-ring, pkg of 10
7	025.021.00	Sleeve clamp
8	23.1068.01	Terminal barb, pkg of 3 (includes item 6)
9	011.038.00	Pin, pkg of 5



Warm Water Syringe



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 .060 W, 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	23.1279.01	Tubing assembly
8	013.064.01	Spring, compression, conical, pkg of 10
9	035.062.01	O-ring, .114 ID x .070 W, pkg of 10
10	23.1232.01	Valve, assembly button, autoclavable, pkg of 2
11	030.002.02	O-ring, pkg of 10
12	23.1112.00	Syringe nut assembly
13	23.1231.00	Button valve stem with o-ring
14	035.050.01	O-ring, pkg of 10
15	055.049.01	O-ring, pkg of 10
16	23.1230.00	Button spool
17	034.003.01	O-ring, pkg of 10
18	010.019.00	Retaining ring
19	23.1278.00	Warm water syringe head kit
20	23.1290.01	Warm water syringe, 7'



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