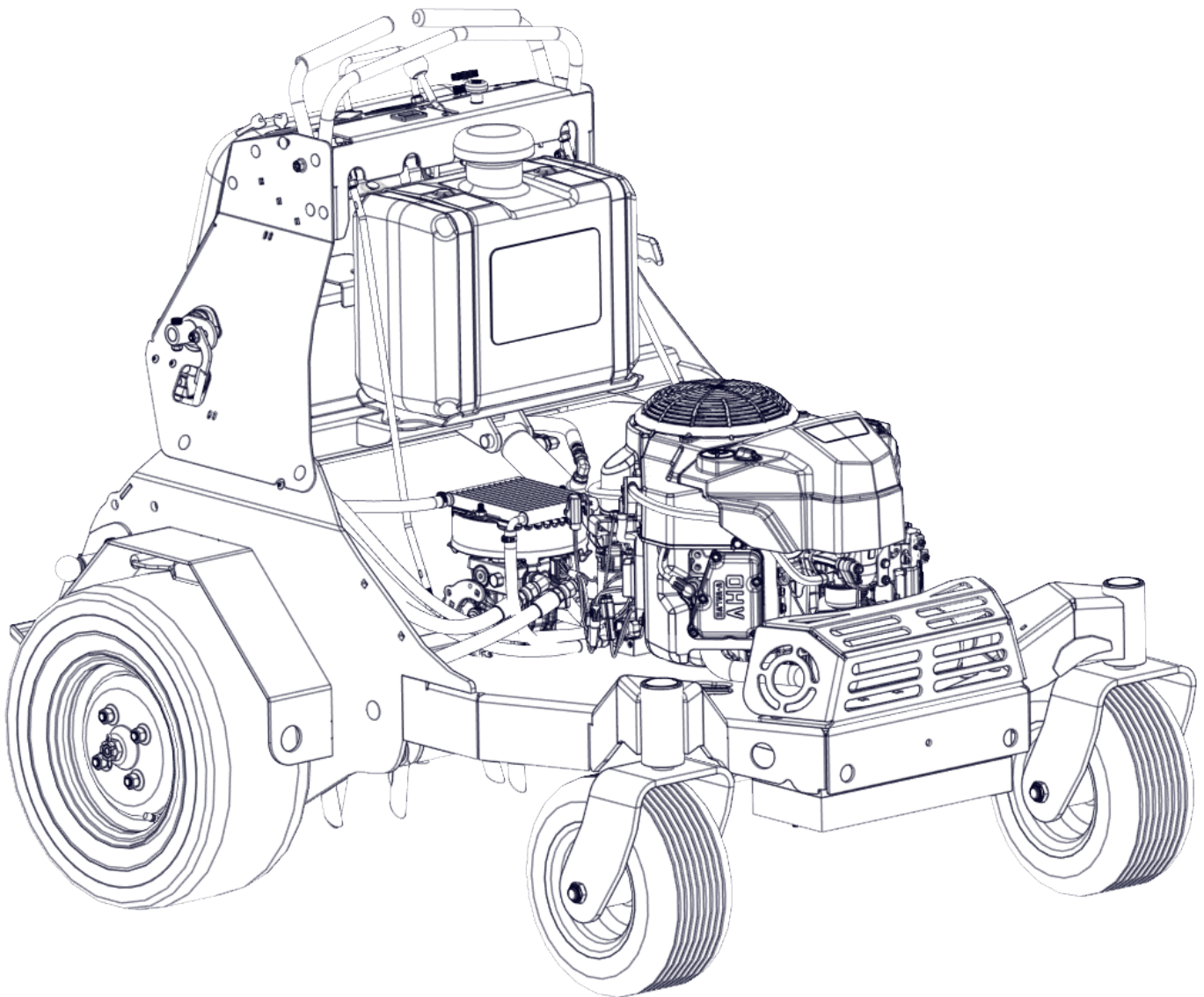


Stinger Equipment

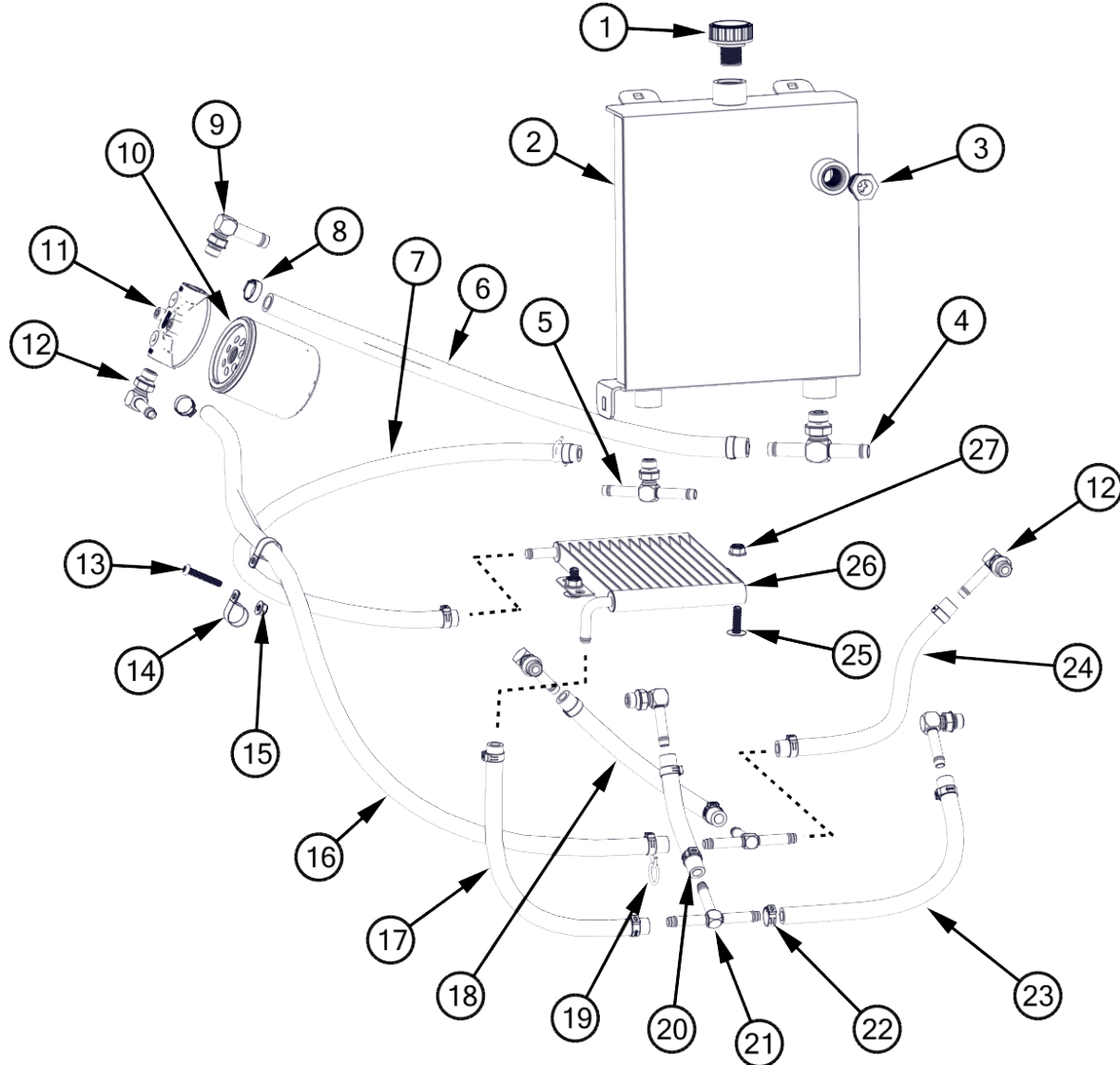
30" Riding Aerator Part Manual

SN QA3000-3000 through QA3000 – present (Gen II)

Revised 7/22/2020



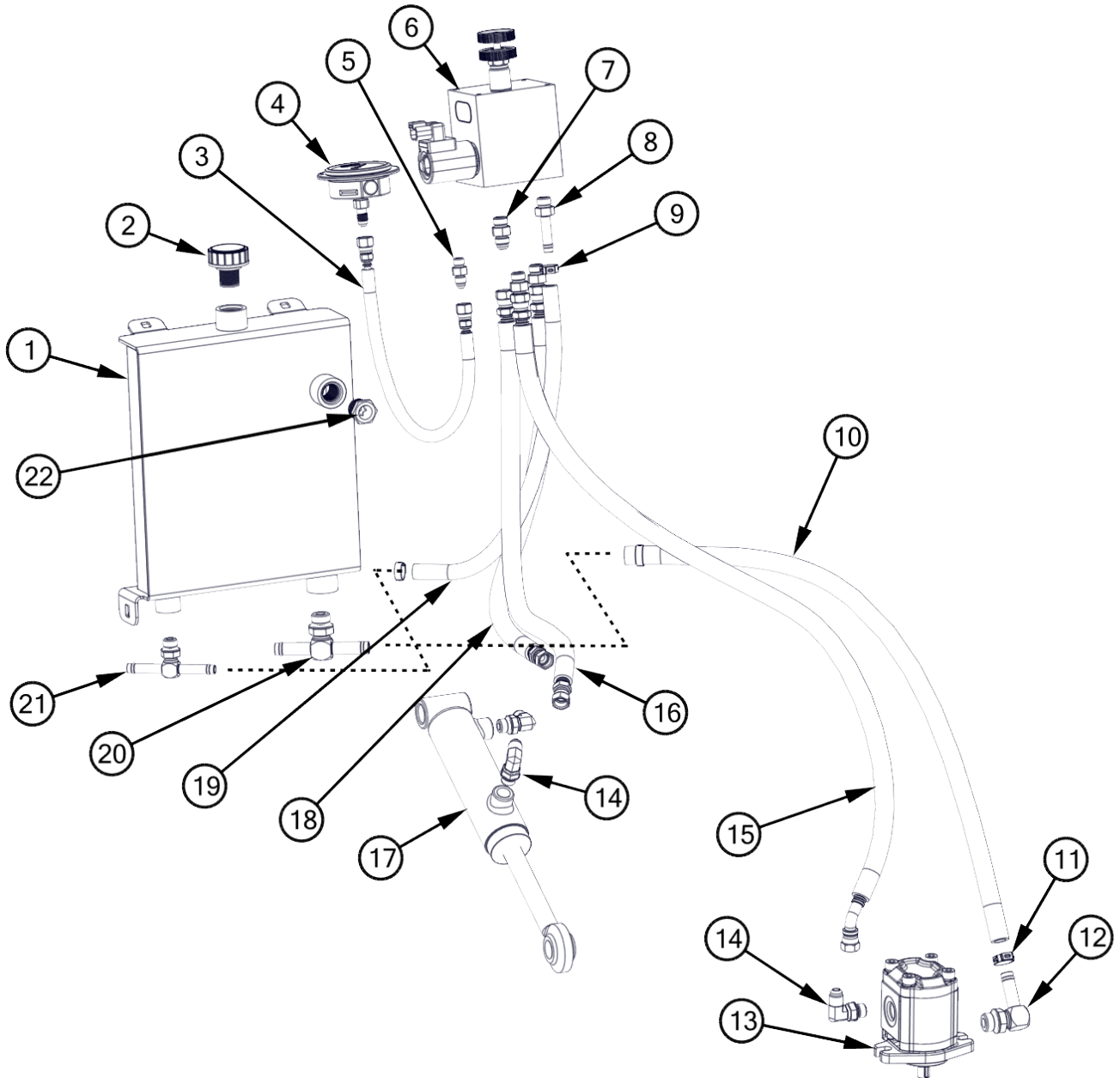
Hydraulic Tank Low Presure Hoses



Item	Part Number	Description	Qty
1	40-1957	Breather	1
2	20-2357	Hydro Tank	1
3	40-1956	Sight Glass	1
4	40-2413	4606-8-8-8-NWO	1
5	40-2412	4606-6-6-6-NWO	1
6	40-2381-1	-8 Hose	1
7	40-2380-9	-6 Hose	1
8	40-2273	3/4" Hose Clamp	2
9	40-1850	4601-NWO-8-6	1
10	40-1807	Filter	1
11	40-1808	Filter Base	1
12	40-1849	4601-NWO-6-6	5
13	30-1930	1/4-20 x 1.5 BH Cap Screw	1
14	40-1865	Hose Tie 3/4"	2

Item	Part Number	Description	Qty
15	30-0061	1/4-20 Flange Nylock Nut	1
16	40-2380-5	-6 Hose	1
17	40-2380-8	-6 Hose	1
18	40-2380-3	-6 Hose	1
19	40-2276	5/8" Spring Hose Clamp	2
20	40-2380-1	-6 Hose	1
21	40-1862	4504-6-6-6	2
22	40-2274	5/8" Hose Clamp	13
23	40-2380-2	-6 Hose	1
24	40-2380-4	-6 Hose	1
25	30-3407	5/16-18 Flat Head Bolt	2
26	40-3406	Hydro Cooler	1
27	30-0051	5/16-18 Flange Nylock Nut	2

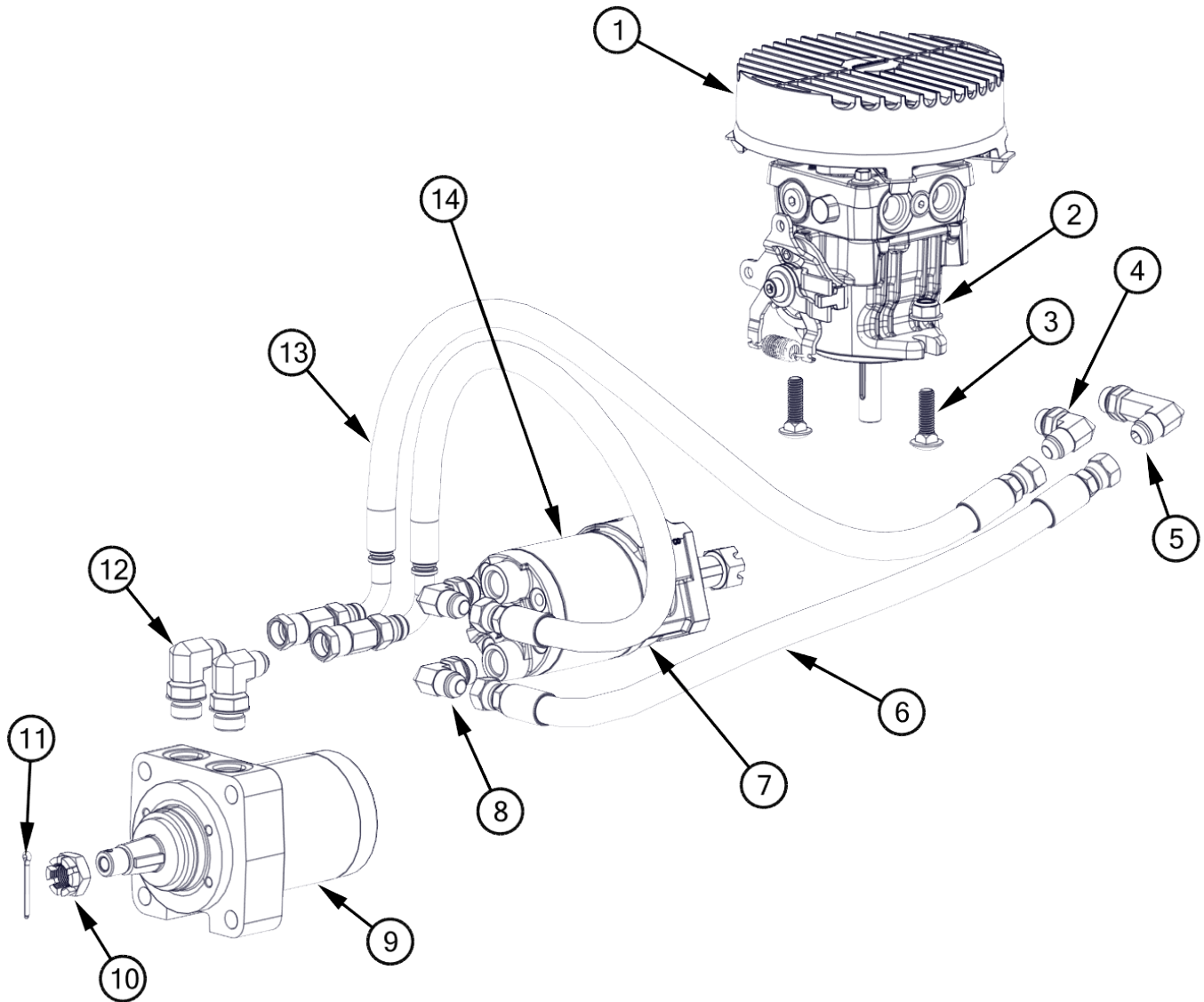
Hydraulic Lift Cylinder



Item	Part Number	Description	Qty
1	20-2357	Hydro Tank QA30	1
2	40-1957	Breather	1
3	40-1951-1	Hose -4 Gauge	1
4	40-1582	Pressure Gauge	1
5	40-1837	6400-0-4-4	1
6	40-1653	Electronic Valve	1
7	40-1836	6400-0-6-6	3
8	40-1853	6404-6-6	1
9	40-2274	5/8" Hose Clamp	2
10	40-2381-2	-8 Hose	1
11	40-2273	3/4" Hose Clamp	2
12	40-1851	4601-NWO-8-8	1

Item	Part Number	Description	Qty
13	40-1596	Gear pump	1
14	40-1845	6801-NWO-6-6	3
15	40-2463-3	-6 Hose ASM	1
16	40-2463-2	-6 Hose ASM (B)	1
17	20-2322	4" Cylinder SM	1
18	40-2463-1	-6 Hose ASM (A)	1
19	40-2380-7	-6 Hose	1
20	40-2413	4606-8-8-8-NWO	1
21	40-2412	4606-6-6-6-NWO	1
22	40-1956	Sight Glass	1

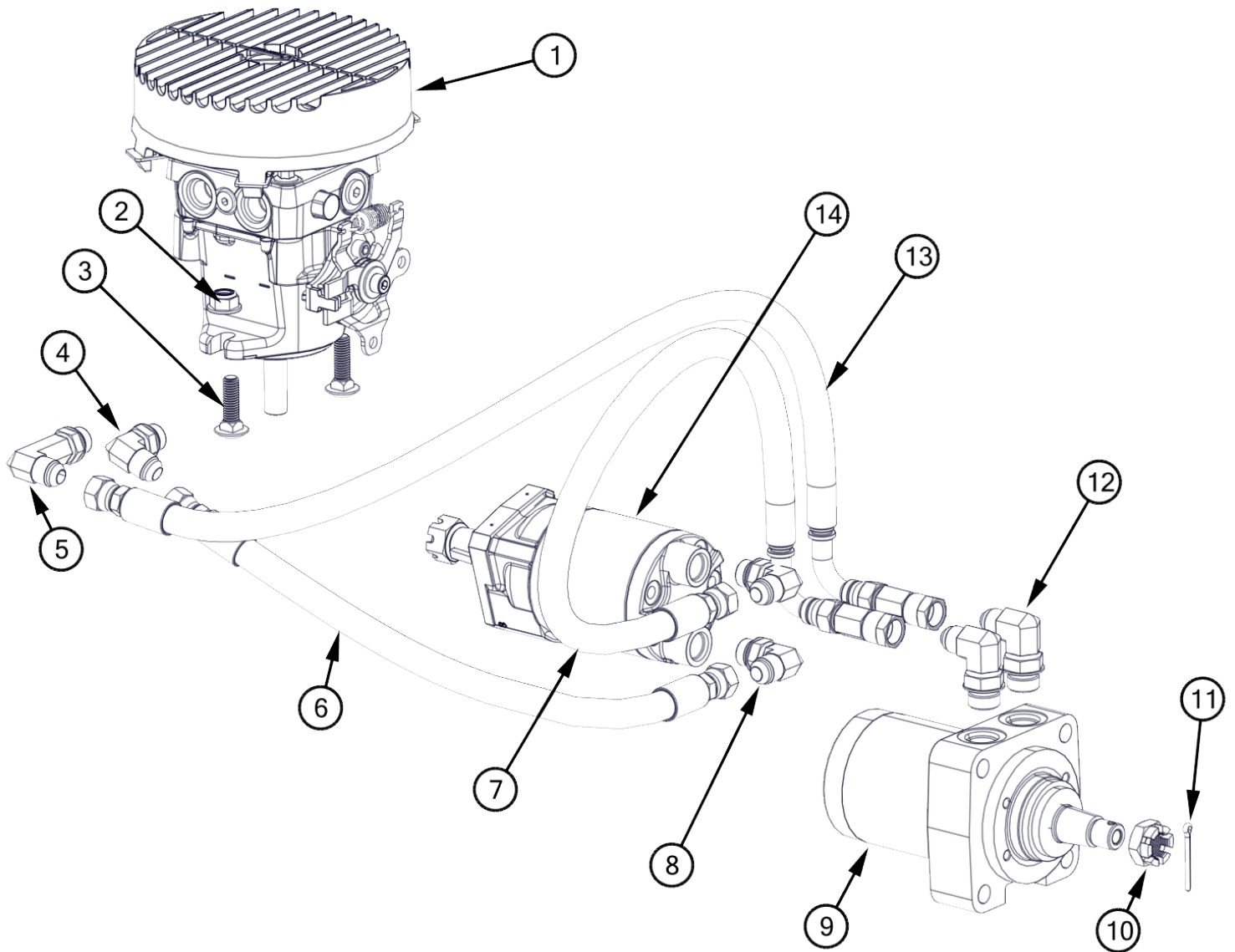
Hydraulic Right Side Drive



Item	Part Number	Description	Qty
1	40-0474	Drive Pump Right	1
2	30-0050	7/16-14 Flange Nylock Nut	2
3	30-0049	7/16-14 x1.50" Carraige Bolt	2
4	40-1720	6801-NWO-8-8	1
5	40-2464	6801-LL-8-8-NWO	1
6	40-2461-R	-8 Hose ASM	1
7	40-3332	-8 Flex Hose	1
8	40-2465	F6801-8-8-NWO	2

Item	Part Number	Description	Qty
9	40-2474	Wheel Motor	1
10	30-3404	3/4-16 Castle Nut	1
11	30-2638	Medium Cotter Pin	1
12	40-2342	6801-8-10	2
13	40-2636-R	-8 Hose ASM	1
14	40-2476	Tine Motor	1

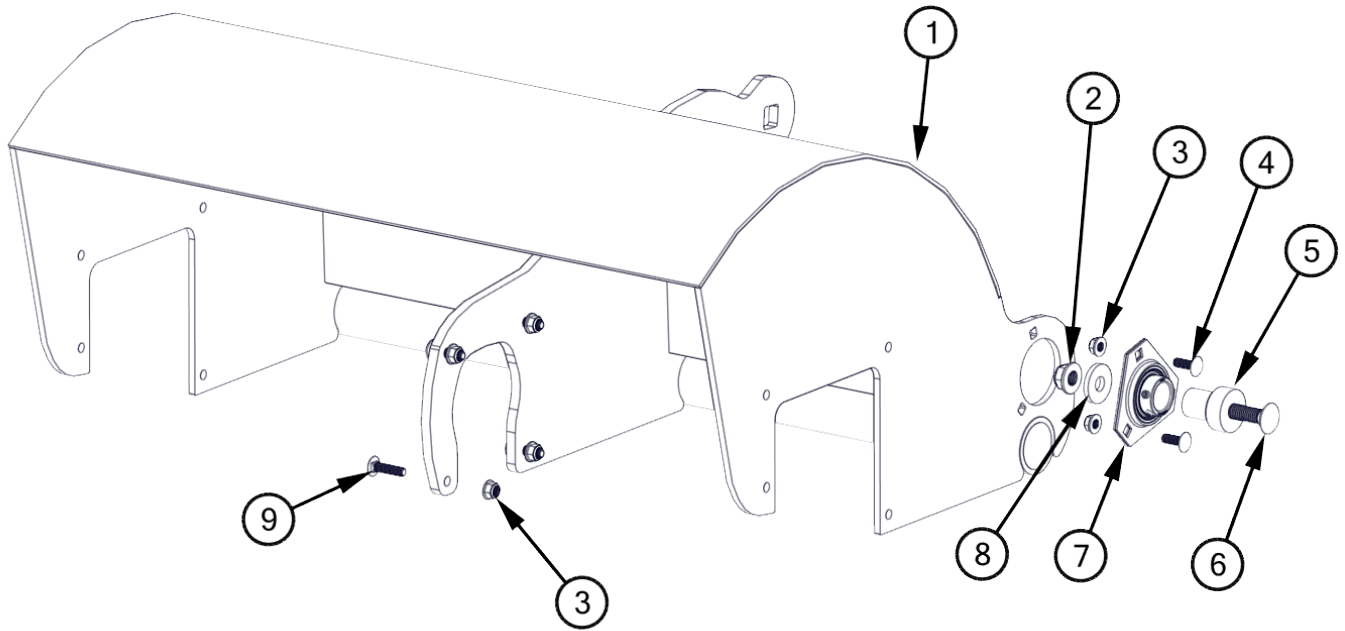
Hydraulic Left Side Drive



Item	Part Number	Description	Qty
1	40-0473	Drive Pump Left	1
2	30-0050	7/16-14 Flange Nylock Nut	2
3	30-0049	7/16-14 x1.50" Carriage Bolt	2
4	40-1720	6801-NWO-8-8	1
5	40-2464	6801-LL-8-8-NWO	1
6	40-2461-L	-8 Hose ASM	1
7	20-2388	-8 Flex Hose	1
8	40-2465	F6801-8-8-NWO	2

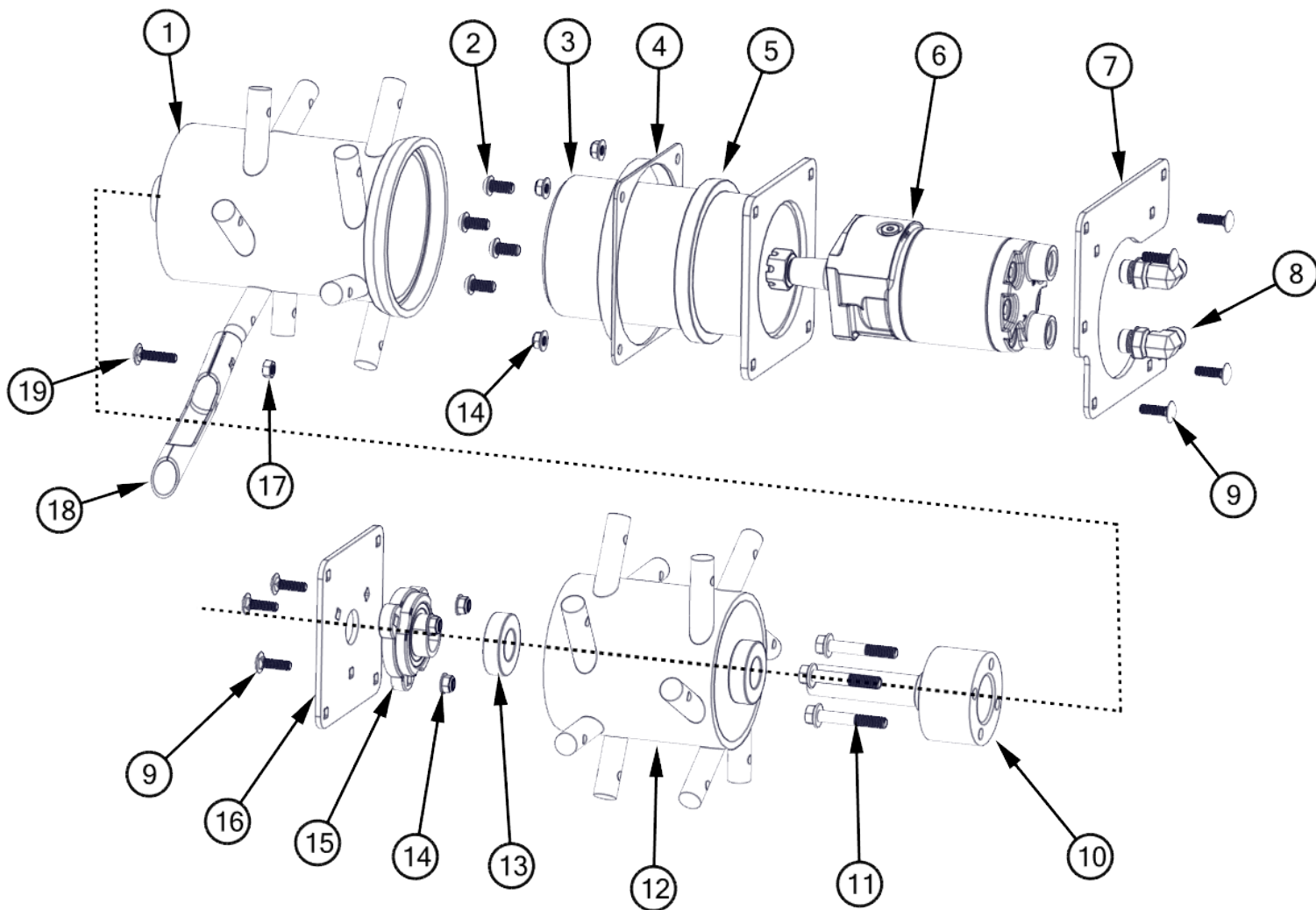
Item	Part Number	Description	Qty
9	40-2474	Wheel Motor	1
10	30-3404	3/4-16 Castle Nut	1
11	30-2638	Medium Cotter Pin	1
12	40-2342	6801-8-10	2
13	40-2636-L	-8 Hose ASM	1
14	40-2476	Tine Motor	1

Trail Arm ASM



Item	Part Number	Description	Qty
1	20-3300	Trail Arm ASM	1
2	30-0120	1/2-13 Flange Nylock Nut	2
3	30-0051	5/16-18 Flange Nylock Nut	10
4	30-3340	5/16-18 x 0.875 SN Carriage Bolt	6
5	10-2376	Bearing Spacer	2
6	30-2460	1/2-13 x 3.50" Carriage Bolt	2
7	40-3335	Flange Bearing 3-bolt	2
8	30-1637	HD Washer	2
9	30-0411	5/16-18 x 1.25 SN Carriage Bolt	4

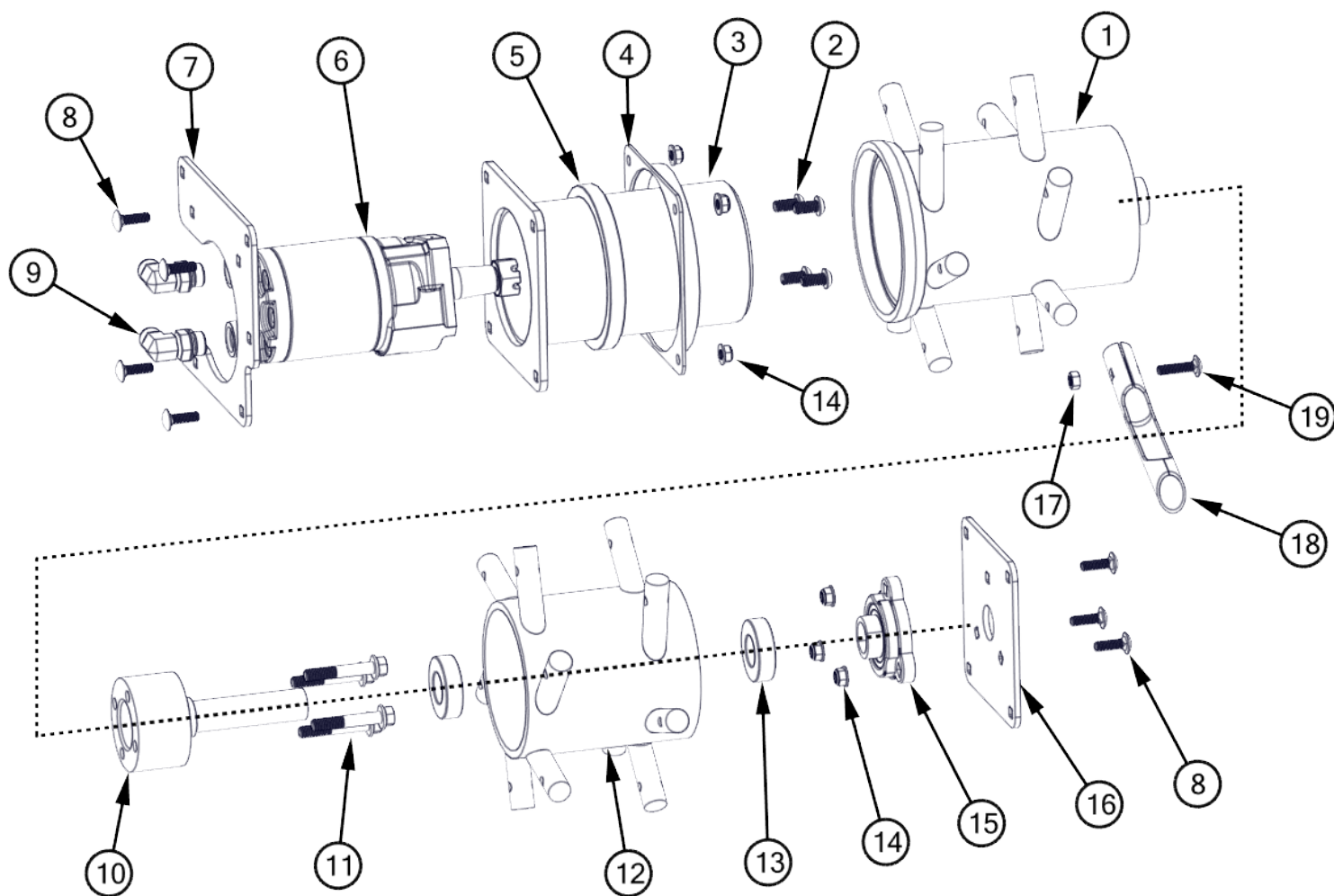
Tine Drive Right Side



Item	Part Number	Description	Qty
1	20-2301	Tine Drive RT QA30	1
2	30-2689	3/8-16x1 Button Head Cap Screw	4
3	20-3287	Tine Motor Mount	1
4	20-2905	Bearing Cover	1
5	40-1716	Ring Bearing 4.75 ID	1
6	40-2476	Tine Motor	1
7	10-2364	Motor Mount Plate	1
8	40-2465	F6801-8-8-NWO	2
9	30-0374	5/16-18 x 1.0" SN Carriage Bolt	7
10	20-2294	Float Shaft SM	1

Item	Part Number	Description	Qty
11	30-0107	3/8-16 x 2.25 Hex Flange Bolt	3
12	20-3309	Float Drum RT QA30	1
13	40-1423	1" Bearing	2
14	30-0051	5/16-18 Flange Nylock Nut	7
15	40-0475	1" 3-Bolt Flange Bearing	1
16	10-3303	Center Bearing Plate	1
17	30-0410	5/16-18 Crimp Lock Nut	1
18	10-0260	Aerator Tine	1
19	30-0411	5/16-18 x 1.25 SN Carriage Bolt	1

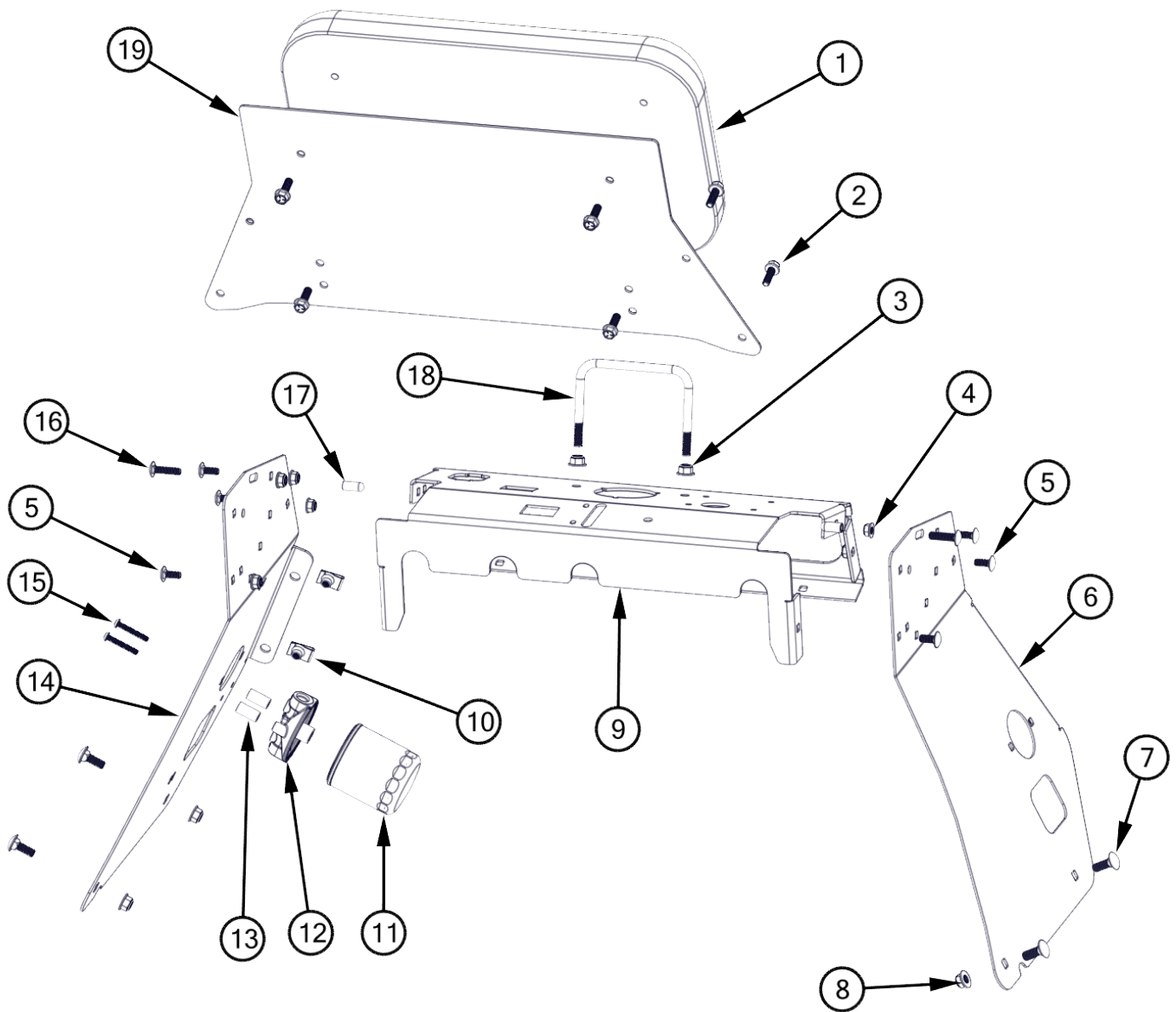
Tine Drive Left Side



Item	Part Number	Description	Qty
1	20-2288	Tine Drive LT QA30	1
2	30-2689	3/8-16x1 Button Head Cap Screw	4
3	20-3287	Tine Motor Mount	1
4	20-2905	Bearing Cover	1
5	40-1716	Ring Bearing 4.75 ID	1
6	40-2476	Tine Motor	1
7	10-2364	Motor Mount Plate	1
8	30-0374	5/16-18 x 1.0" SN Carriage Bolt	7
9	40-2465	F6801-8-8-NWO	2
10	20-2294	Float Shaft SM	1

Item	Part Number	Description	Qty
11	30-0107	3/8-16 x 2.25 Hex Flange Bolt	4
12	20-3305	Float Drum LT QA30	1
13	40-1423	1" Bearing	2
14	30-0051	5/16-18 Flange Nylock Nut	7
15	40-0475	1" 3-Bolt Flange Bearing	1
16	10-3303	Center Bearing Plate	1
17	30-0410	5/16-18 Crimp Lock Nut	1
18	10-0260	Aerator Tine	1
19	30-0411	5/16-18 x 1.25 SN Carriage Bolt	1

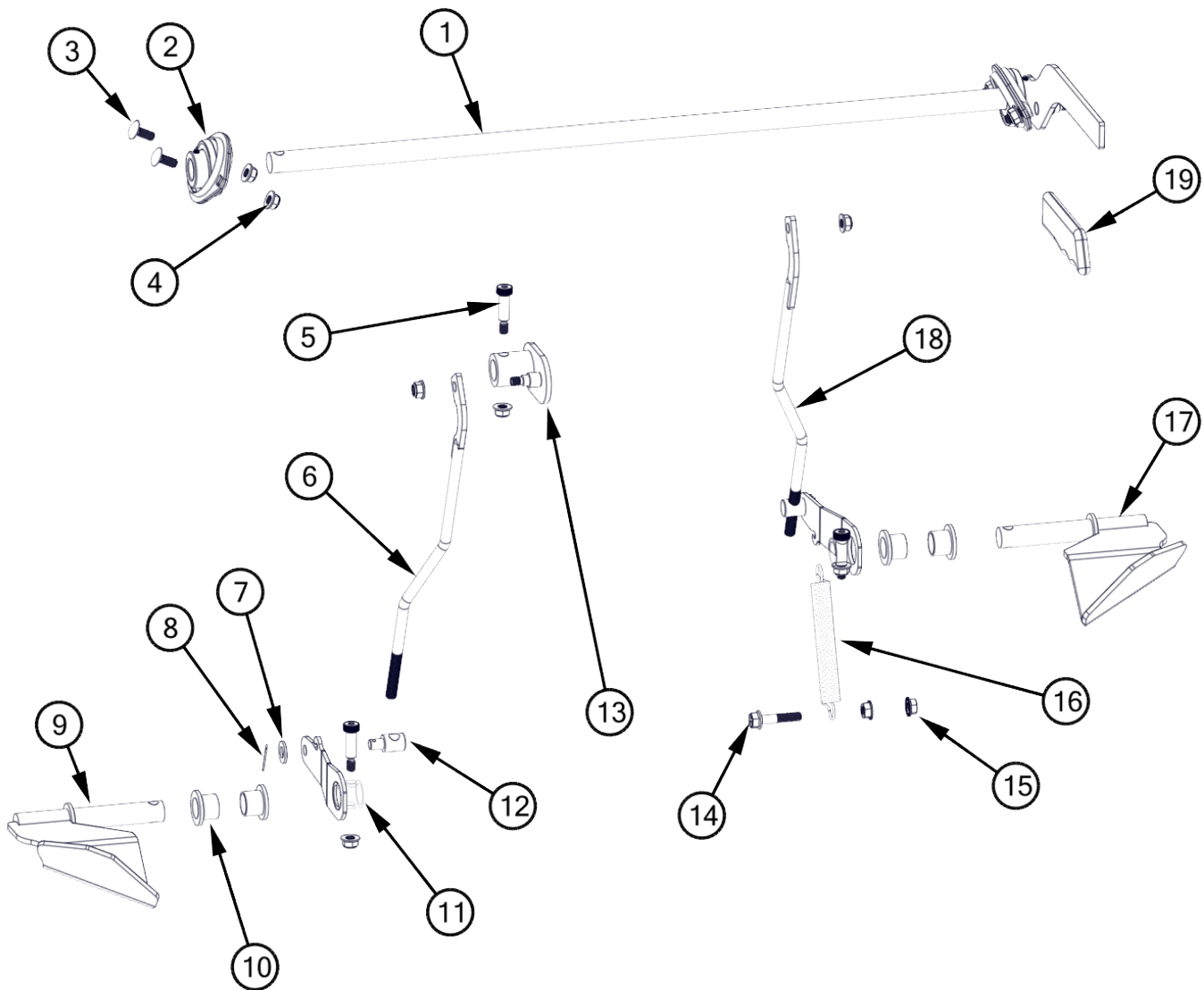
Control Tower ASM



Item	Part Number	Description	Qty
1	10-1628	Thigh Pad	1
2	30-0068	5/16-18 x 1.0" Flange Hex Bolt	8
3	30-0105	3/8-16 Flange Nut Serrated	2
4	30-0051	5/16-18 Flange Nylock Nut	8
5	30-0412	5/16-18 x 0.75 SN Carriage Bolt	6
6	10-2325	Left Side Panel	1
7	30-0381	3/8-16" x 1.00" Carriage Bolt	4
8	30-0105	3/8-16 Nyloc Flange Nut	6
9	10-1581	Control Panel	1
10	30-1661	Clip Nut 5/16-18	4

Item	Part Number	Description	Qty
11	40-1807	Filter	1
12	40-1808	Filter Base	1
13	10-1799	Valve Spacer	2
14	10-2326	Right Side Panel	1
15	30-1930	1/4-20 x 1.5 BH Cap Screw	2
16	30-0411	5/16-18 x 1.25 SN Carriage Bolt	2
17	30-0265	Rubber Cap	2
18	10-2328	Rear Ref Handle	1
19	10-2329	Tower Back	1

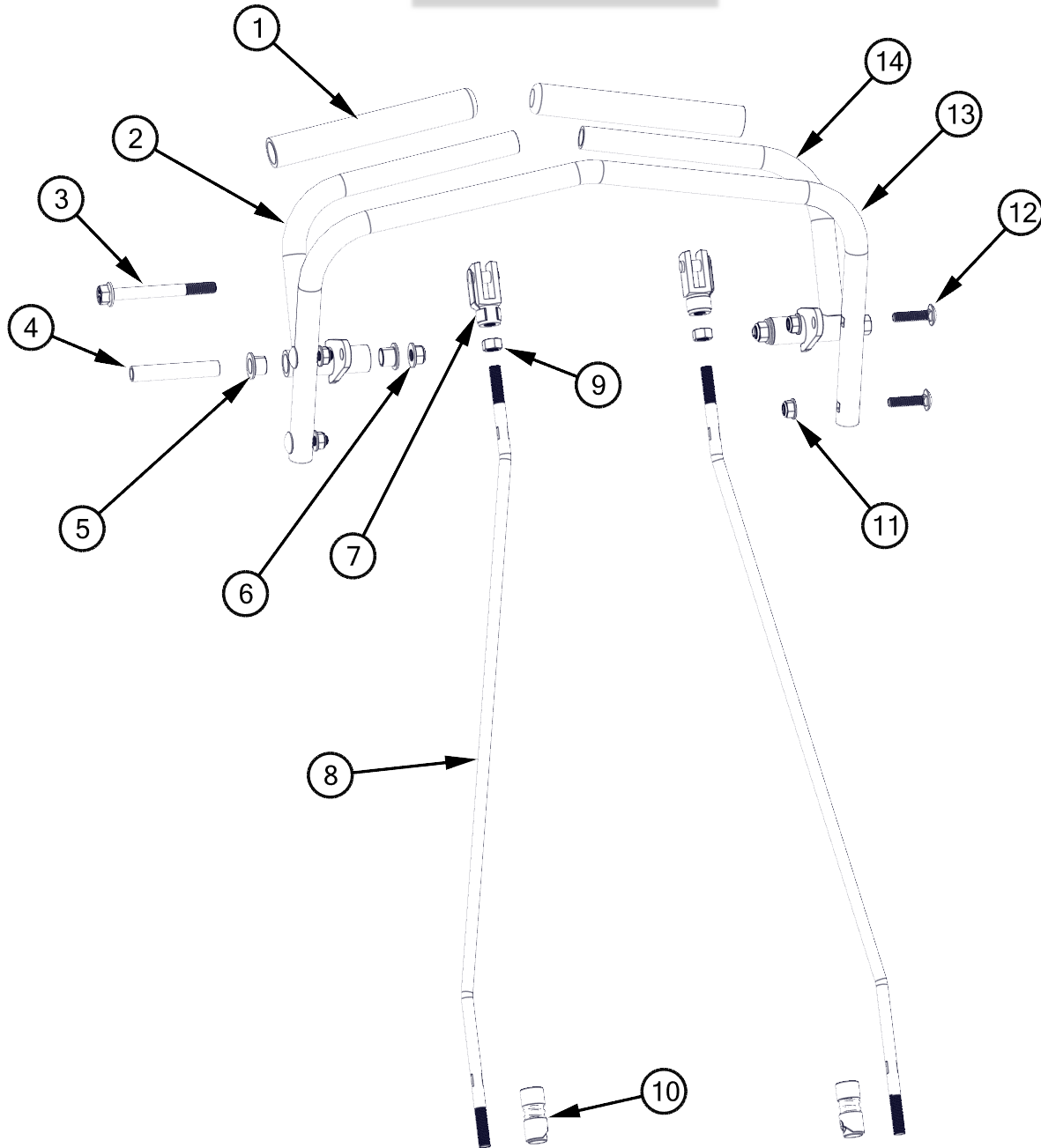
Parking Brake



Item	Part Number	Description	Qty
1	20-2352	Brake Arm	1
2	40-0199	3/4" Flange Bearing	2
3	30-0412	5/16-18 x 0.75 Carriage Bolt	4
4	30-0051	5/16-18 Flange Nylock Nut	9
5	30-1897	3/8 x 1.00" Shoulder Bolt	3
6	20-2363	Brake Arm Right	1
7	30-2637	Washer	2
8	30-0002	Cotter Pin	2
9	20-2682	Brake Arm Right	1
10	40-0328	Flange Bearing 3/4"	4

Item	Part Number	Description	Qty
11	20-1819	Brake Arm SM	2
12	40-1899	Swivel 3/8"	2
13	20-1819-2	Brake Arm End	1
14	30-0926	5/16-18x1.5" Flange Hex Bolt	1
15	30-0249	5/16-18 Flange Nut Serrated	2
16	10-1024	Seed Gate Spring	1
17	20-2681	Brake Arm Left	1
18	20-2361	Brake Arm Left	1
19	10-1905	Hand Grip	1

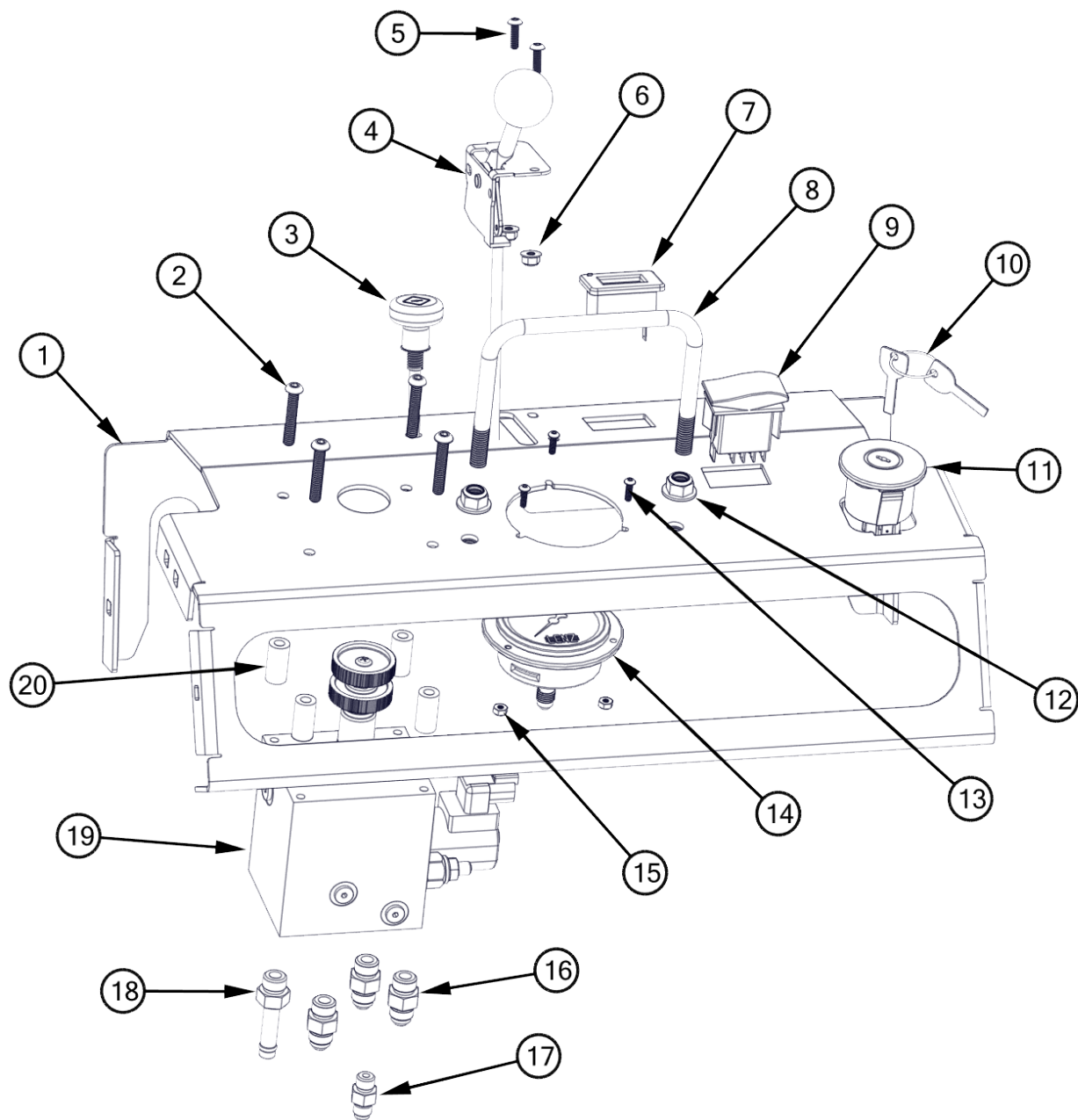
Control Handles



Item	Part Number	Description	Qty
1	10-0876	Hand Grip	2
2	20-2400	Right Control Handle	1
3	30-1798	3/8-16x4.00 Hex Flange Bolt	2
4	10-1797	Control Spacer	2
5	40-0112	IGUS Bushing	4
6	30-0105	3/8-16 Nyloc Flange Nut	2
7	40-0424	Yoke End 3/8-24	2
8	10-2403	Control Rod QA30	2

Item	Part Number	Description	Qty
9	30-0487	3/8-24 Hex Nut	2
10	40-2405	3/8-24 RH Housing	2
11	30-0051	5/16-18 Flange Nylock Nut	4
12	30-0411	5/16-18x1.25 Carriage Bolt	4
13	10-0286	Reference Bar	1
14	20-2401	Left Control Handle QA30	1

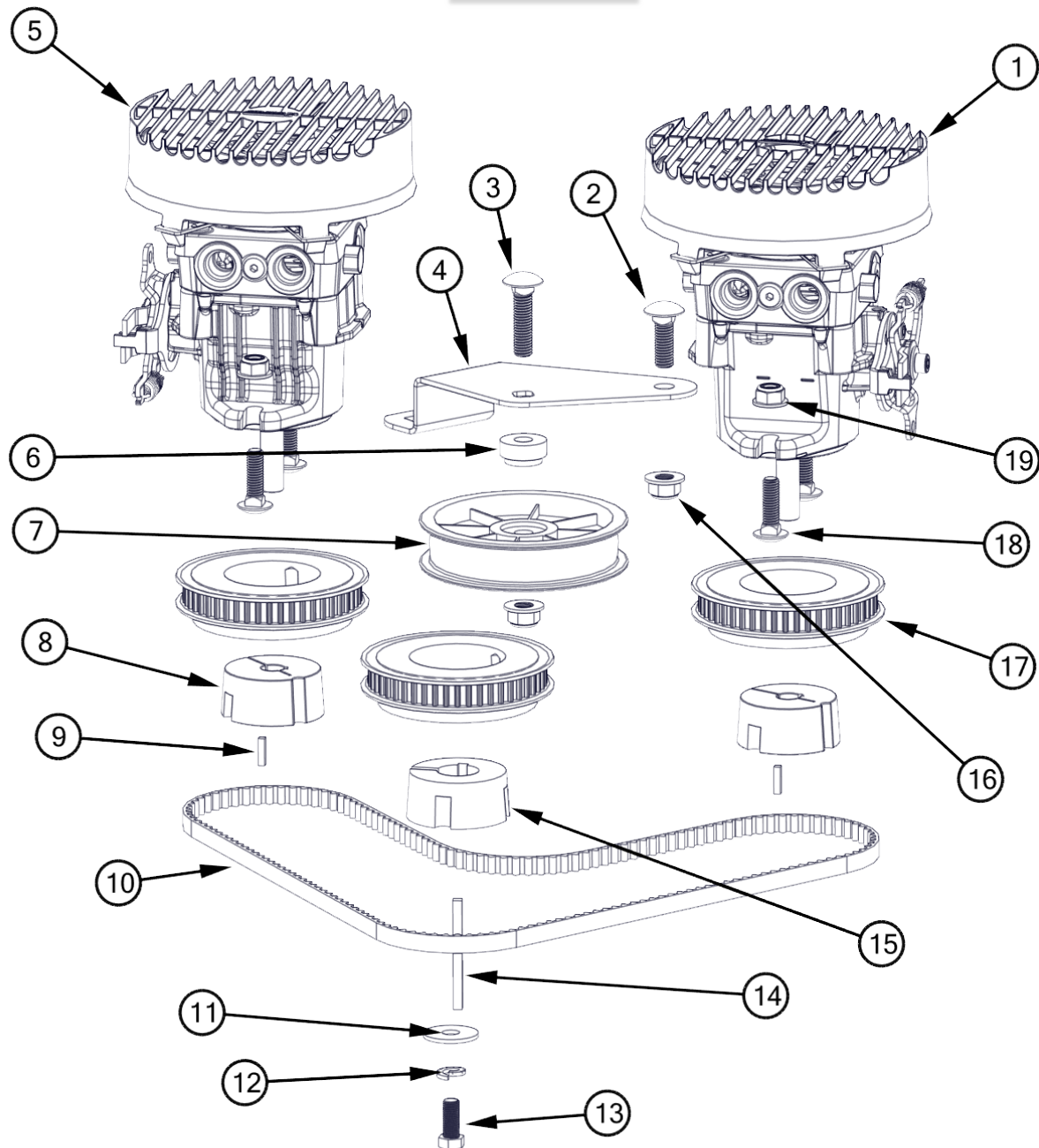
Control Panel Items



Item	Part Number	Description	Qty
1	10-1581	Control Panel	1
2	30-1930	1/4-20 x 1.5 BH Cap Screw	4
3	40-1607	Choke Cable	1
4	40-1608	Throttle Cable Friction Pack	1
5	30-0924	10-24 x 5/8" Socket head bolt	2
6	30-0103	#10-24 Flange Nyloc Nut	2
7	50-1800	Hr / Tach	1
8	10-2328	Rear Ref Handle	1
9	50-1804	3 Position Switch	1
10	50-1803K	Ignition Key Set	1
11	50-1803	Key Switch	1

Item	Part Number	Description	Qty
12	30-0105	3/8-16 Nyloc Flange Nut	4
13	30-1959	#6-32 x 0.50 BH Cap Screw	3
14	40-1582	Pressure Gauge	1
15	30-1960	#6-32 Nyloc Nut	3
16	40-1836	6400-0-6-6	3
17	40-1837	6400-0-4-4	1
18	40-1853	6404-6-6	1
19	40-1653	Electronic Valve	1
20	10-1799	Valve Spacer	4

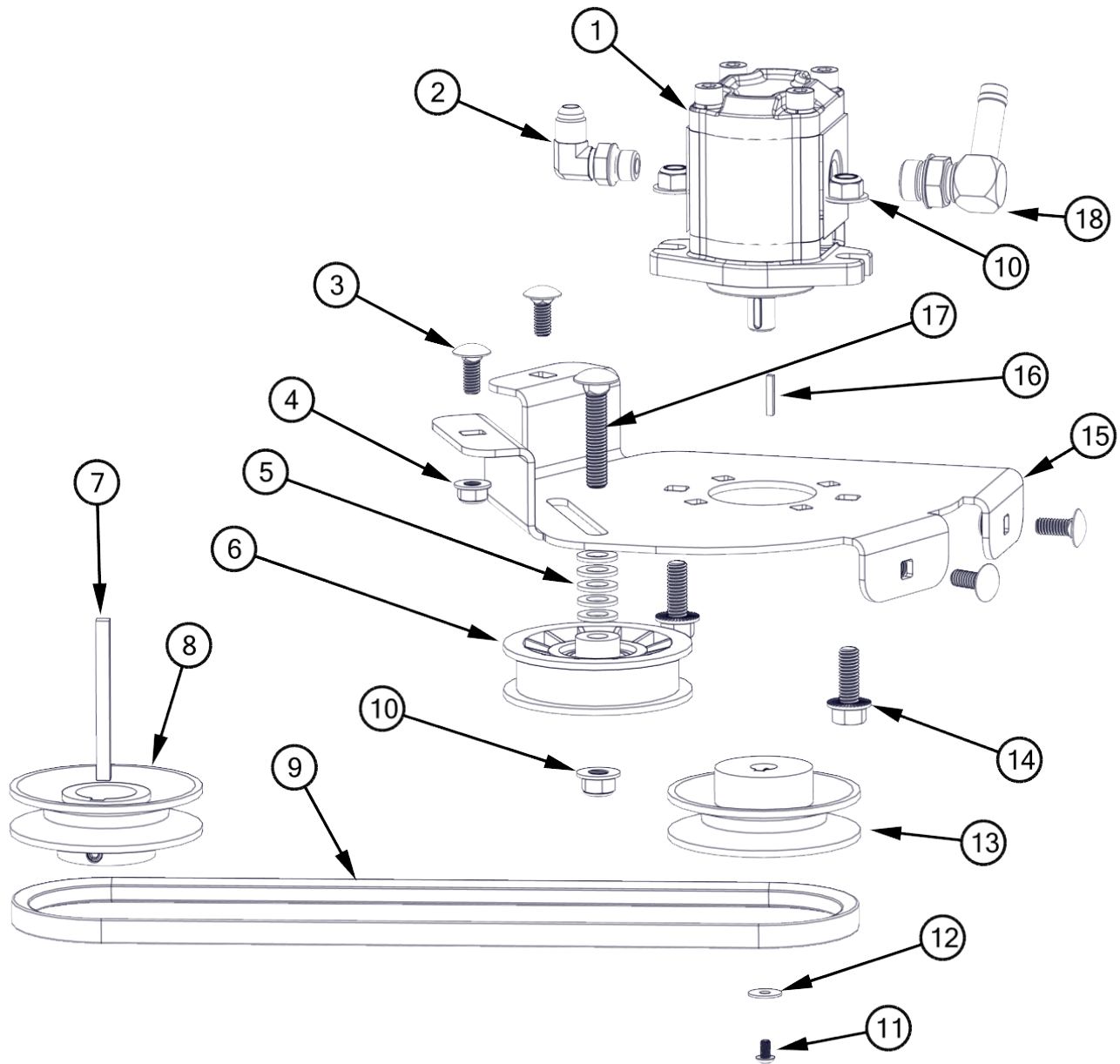
Drive Belt



Item	Part Number	Description	Qty
1	40-0473	Drive Pump Left	1
2	30-0490	1/2"-13 x 1.5" Carriage Bolt	1
3	30-1890	1/2-13 x 2.00 Carriage Bolt	1
4	10-1889	Tension Arm Brkt	1
5	40-0474	Drive Pump Right	1
6	10-1654	Tension Spacer	1
7	40-1612	Flat Idler Large	1
8	40-1602-3	Pulley Bushing 5/8" 2012	2
9	30-0024	3/16 x 0.750" Key	2
10	40-2372	QA30 Drive Belt	1

Item	Part Number	Description	Qty
11	30-0073	7/16 Flat Washer	1
12	30-0072	7/16 Split Lock Washer	1
13	30-0071	7/16-20 x 1 Hex Bolt	1
14	30-0180	1/4 x 1/4 x 3" Key Stock	1
15	40-1602	Timing Pulley Bushing	1
16	30-0120	1/2-13 Flange Nylock Nut	2
17	40-1601-2	48-8MX12-2012	3
18	30-0049	7/16-14 x1.50" Carraige Bolt	4
19	30-0050	7/16-14 Flange Nylock Nut	4

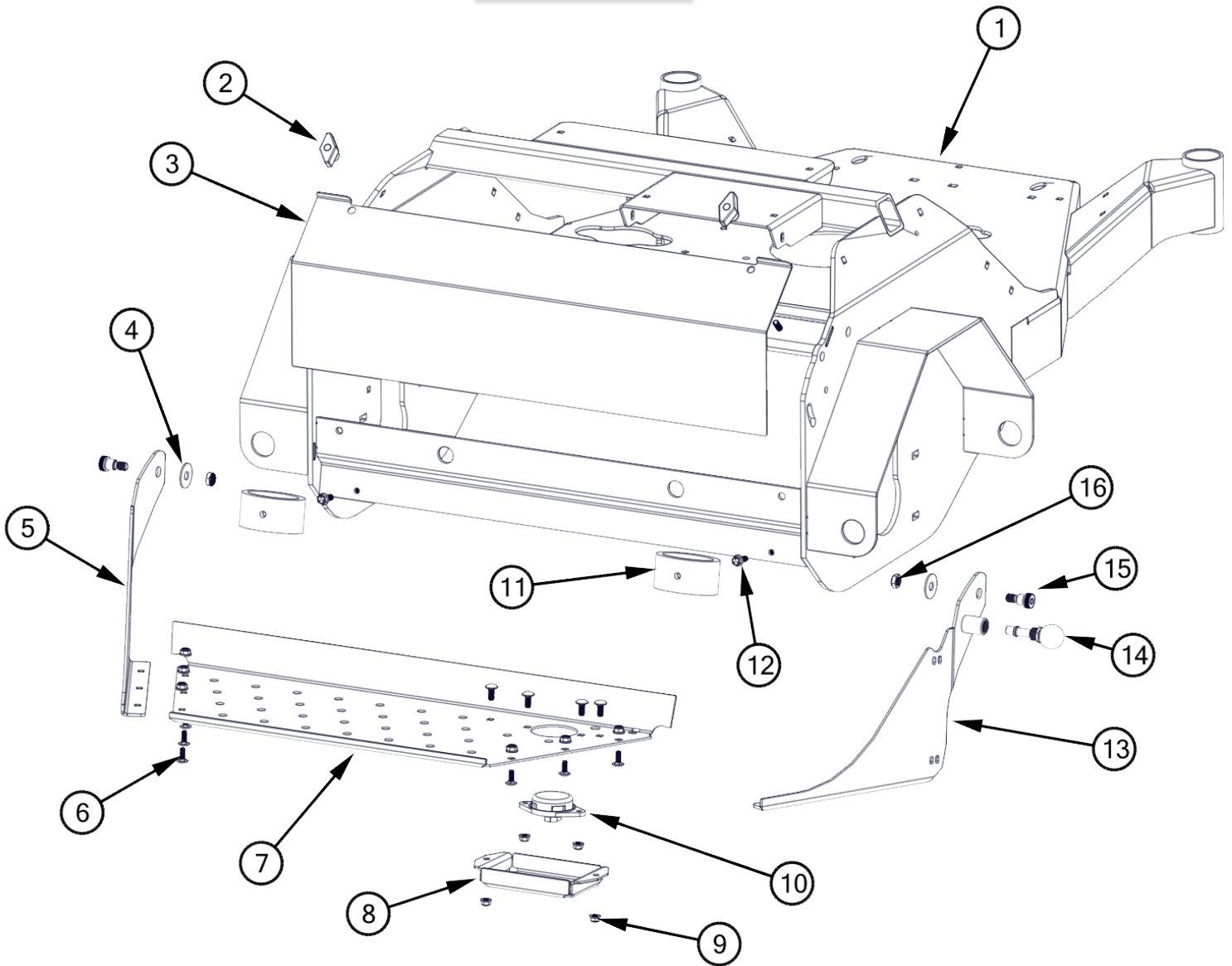
Gear Pump ASM



Item	Part Number	Description	Qty
1	40-1596	Gear pump	1
2	40-1845	6801-NWO-6-6	1
3	30-0412	5/16-18x0.75 SN Carriage Bolt	4
4	30-0051	5/16-18 Flange Nylock Nut	4
5	30-0909	Washer 3/8 ID; 3/4 OD; .050t	6
6	40-0869	Flat Idler ASM	1
7	30-0180	1/4 x 1/4 x 3" Key Stock	1
8	40-1196	Pulley A-3.75 / 1-1/8" Bore	1
9	40-2452	Gear Pump Belt QA30	1
10	30-0105	3/8-16 Nyloc Flange Nut	3

Item	Part Number	Description	Qty
11	30-3337	#10-32x0.31" BH Cap Screw	1
12	30-3338	Washer 0.20 x .625 x .030	1
13	40-1196-2	Pulley A-3.75 / 1/2" Bore	1
14	30-0382	3/8-16x1.0" Serrated Hex Bolt	2
15	10-2453	Gear Pump Brkt QA30	1
16	30-3339	Key Stock 1/8 x 1/8 x 3/4	1
17	30-2631	3/8-16 x 2.0 Carriage Bolt	1
18	40-1851	4601-NWO-8-8	1

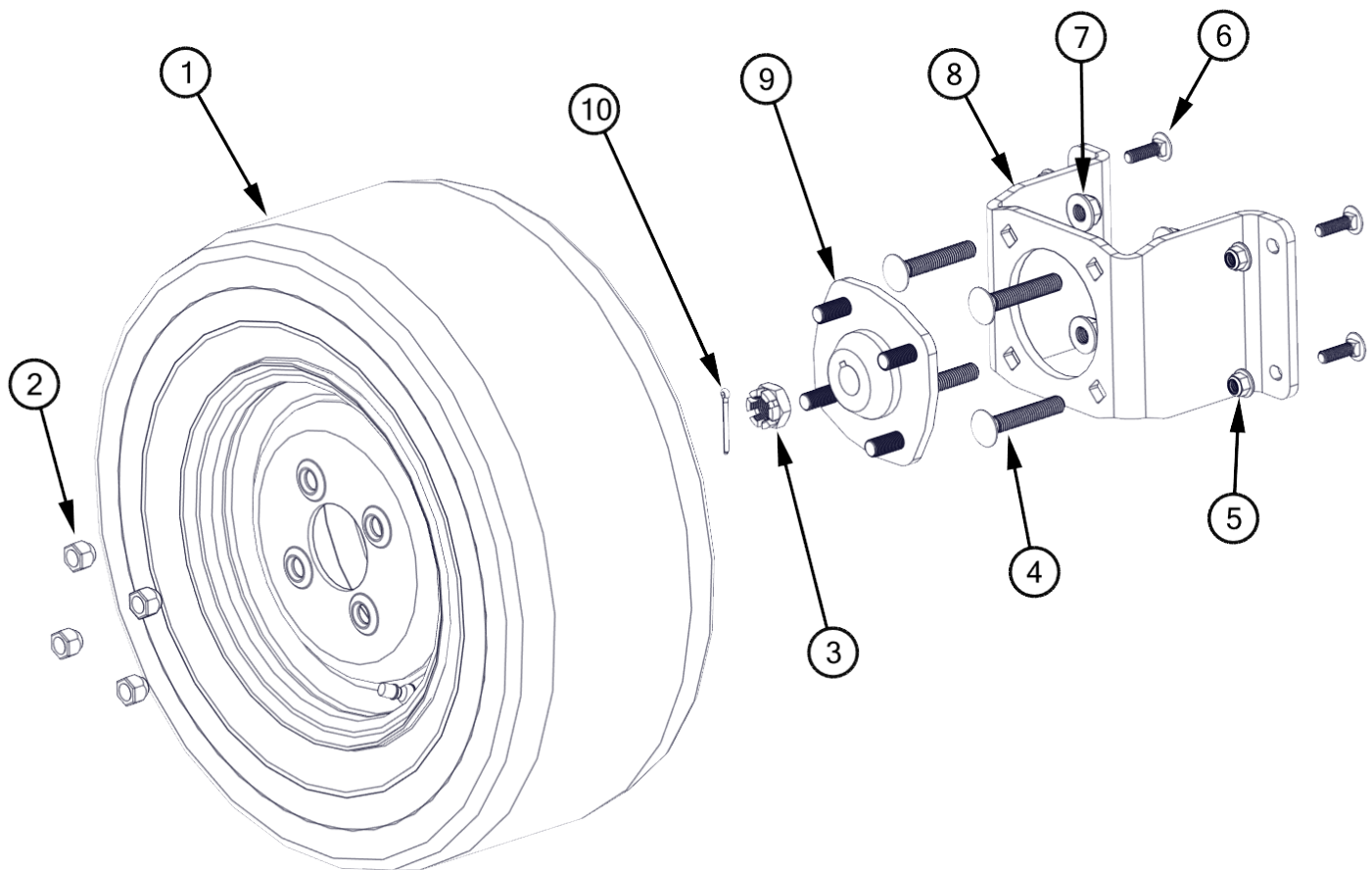
Frame ASM



Item	Part Number	Description	Qty
1	20-2309-2	Frame QA3000	1
2	30-0386	5/16-18 T-Knob	2
3	10-2371	Tine Cover	1
4	30-2633	Nylon Washer .51 x 1.50 x 0.98	2
5	10-3319	Platform Left Side	1
6	30-0412	5/16-18x0.75 SN Carriage Bolt	10
7	10-2555	Platform	1
8	10-1806	Switch Guard	1
9	30-0051	5/16-18 Flange Nylock Nut	12

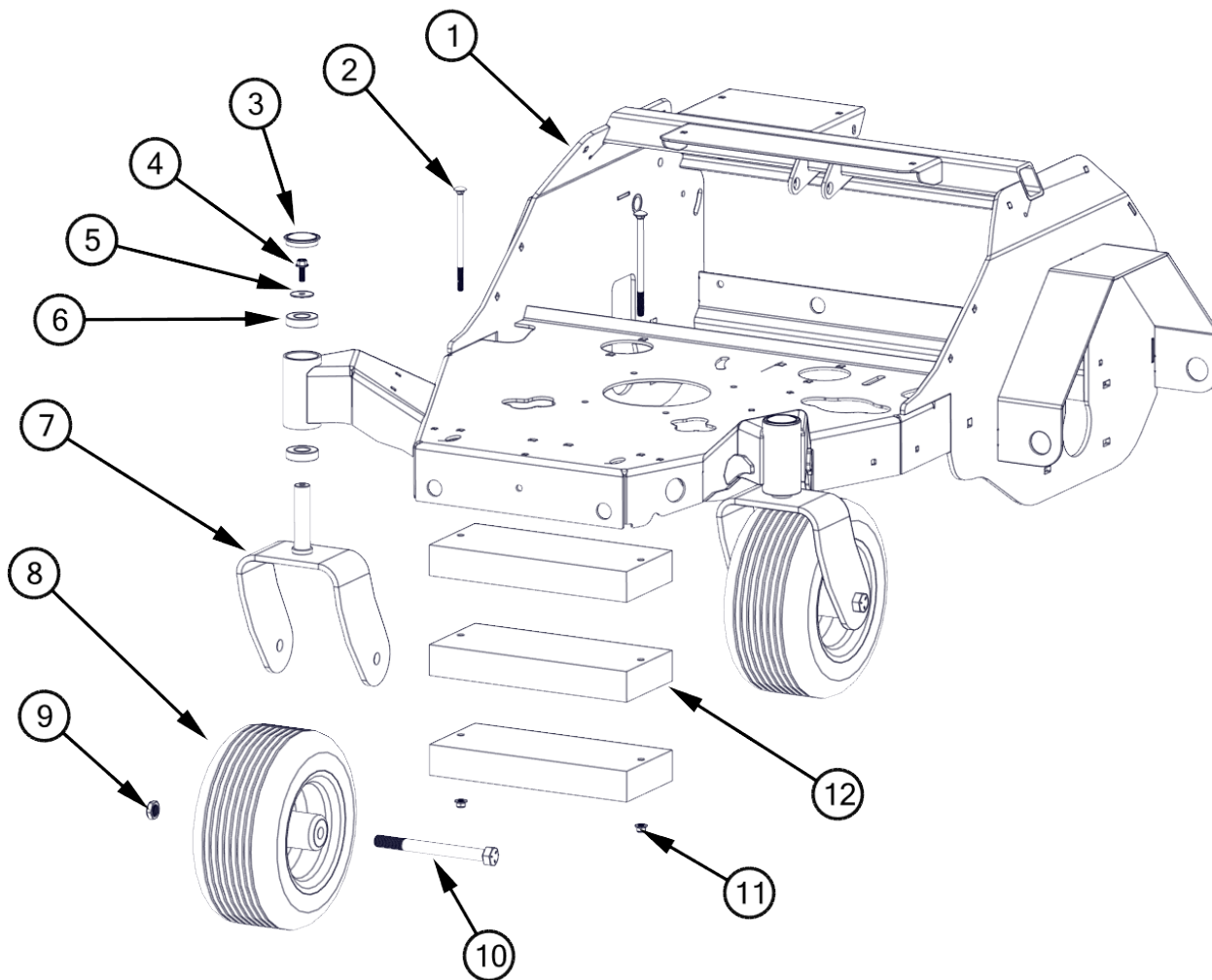
Item	Part Number	Description	Qty
10	50-1805	Foot Switch	1
11	10-1633-2	ISO Mount	2
12	30-0068	5/16-18 x 1.0" Flange Hex Bolt	2
13	20-2634	Platform Right Side	1
14	10-1657	Plunger	1
15	30-1640	Shoulder Bolt 5/8 x 1/2	2
16	30-2291	1/2-13 Jam Nyloc Nut	2

Rear Drive Tire



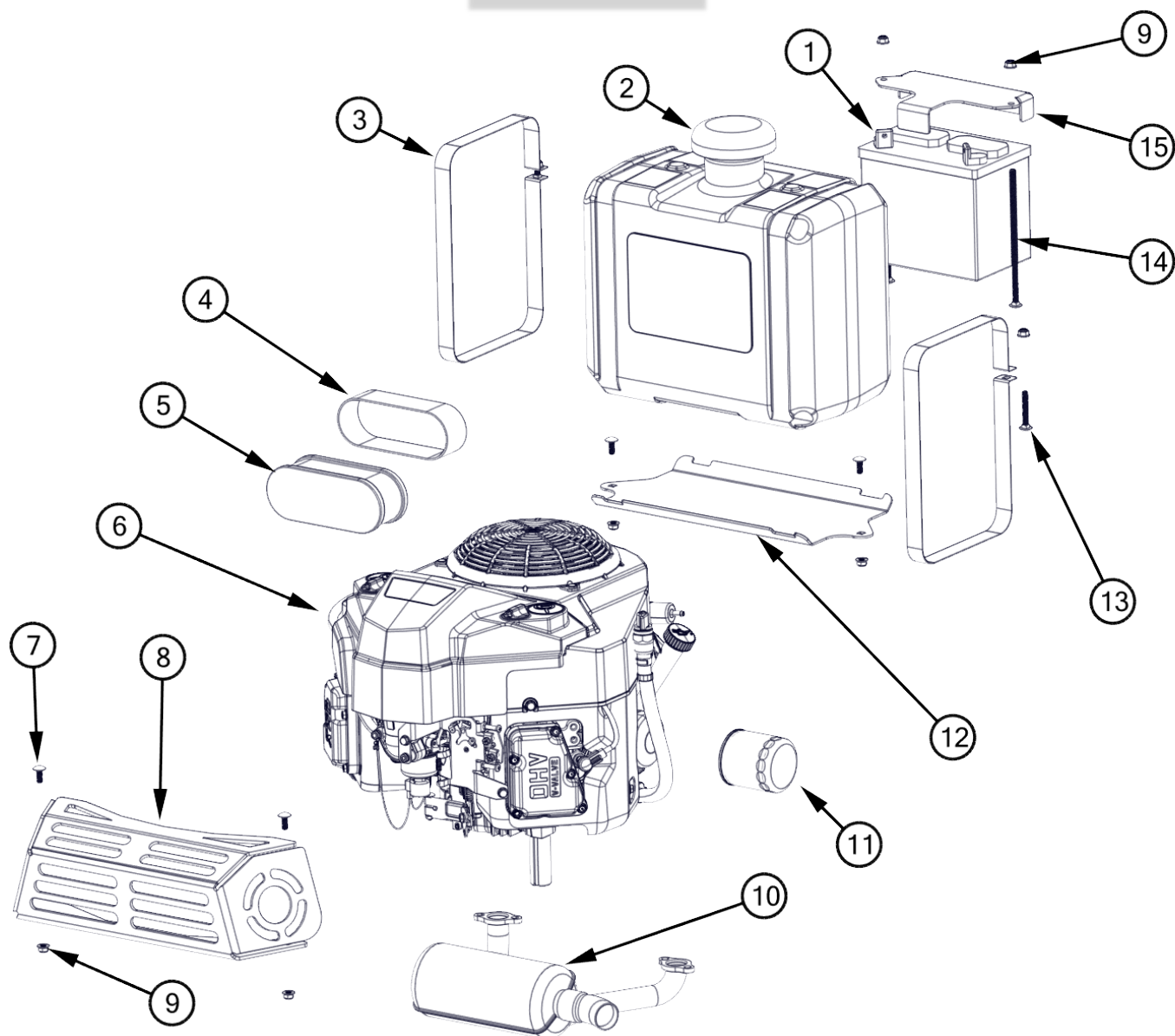
Item	Part Number	Description	Qty
1	40-2036	18x7.5-10 Turf Tire	1
2	30-0889	1/2-20 Lug Nut	4
3	30-3404	3/4-16 Castle Nut	1
4	30-2460	1/2-13 x 3.50" Carriage Bolt	4
5	30-0105	3/8-16 Nyloc Flange Nut	4
6	30-0416	3/8-16 x 1.25 SN Carriage Bolt	4
7	30-0120	1/2-13 Flange Nylock Nut	4
8	10-1996-4	Motor Mount LRG	1
9	20-3314	Taper Hub ASM	1
10	30-2638	Medium Cotter Pin	1

Front Frame ASM



Item	Part Number	Description	Qty
1	20-2309-2	Frame QA3000	1
2	30-2625	3/8-16 x 6.50 Carriage Bolt	2
3	10-1608	Caster Cap	2
4	30-0382	3/8-16 x 1.00" Serrated Hex Flange Bolt	2
5	30-1327	Washer 3/8 ID; 1.5 OD	2
6	40-1423	Caster Bearing	4
7	20-0430	Caster Fork ASM	2
8	40-0427	Caster Wheel 13x5.00-6	2
9	30-1611	3/4-10 Hex Jam Nut Nyloc	2
10	30-1610	3/4-10 x 8.00 Hex Bolt	2
11	30-0105	3/8-16 Nyloc Flange Nut	2
12	10-2717	Weight	3

Engine ASM



Item	Part Number	Description	Qty
1	50-1770	Battery	1
2	40-1580	6 Gal Fuel Tank	1
3	10-1676	Fuel Tank Straps	2
4	11013-7046	Kawasaki Pre Air Filter	1
5	11013-0752	Kawasaki Paper Air Filter	1
6	40-2358	Kawasaki FS651 22hp	1
7	30-0412	5/16-18 x 0.75 SN Carriage Bolt	4
8	10-2312	Front Bumper	1

Item	Part Number	Description	Qty
9	30-0051	5/16-18 Flange Nylock Nut	8
10	40-2359	Muffler	1
11	49065-7007	Kawasaki Oil Filter	1
12	10-1662	Fuel Tank Bracket	1
13	30-1336	5/16-18 x 2.00 Carriage Bolt	2
14	30-1867	5/16-18 x 7.500 Carriage Bolt	2
15	10-1690	Battery Cover	1