



Count on it.

Parts Catalog

4045 Directional Drill with Cab

Model No. 23823—Serial No. 315000001 and Up

Model No. 23823A—Serial No. 315000001 and Up

Model No. 23823C—Serial No. 315000001 and Up

Model No. 23823W—Serial No. 315000001 and Up



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

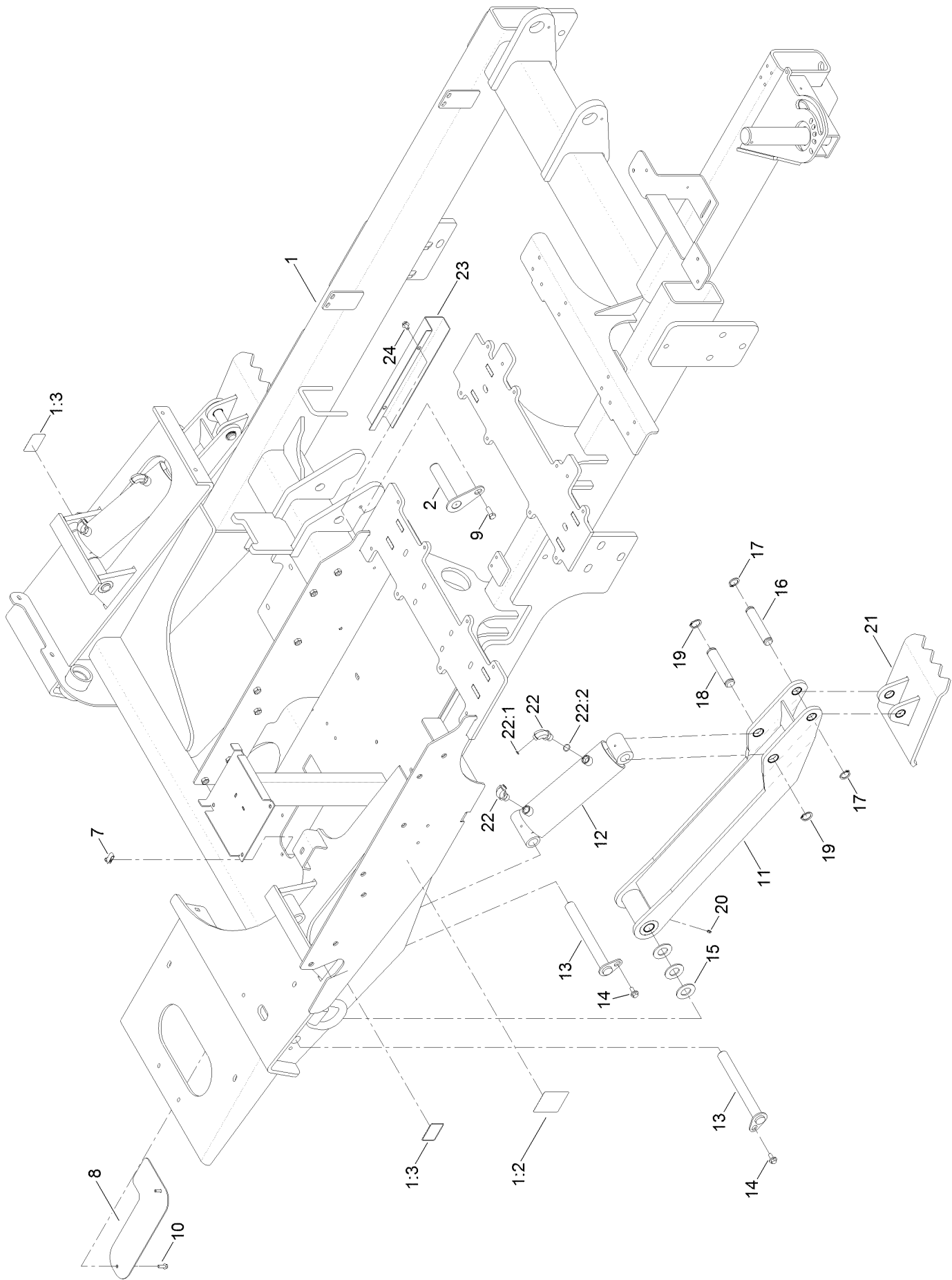
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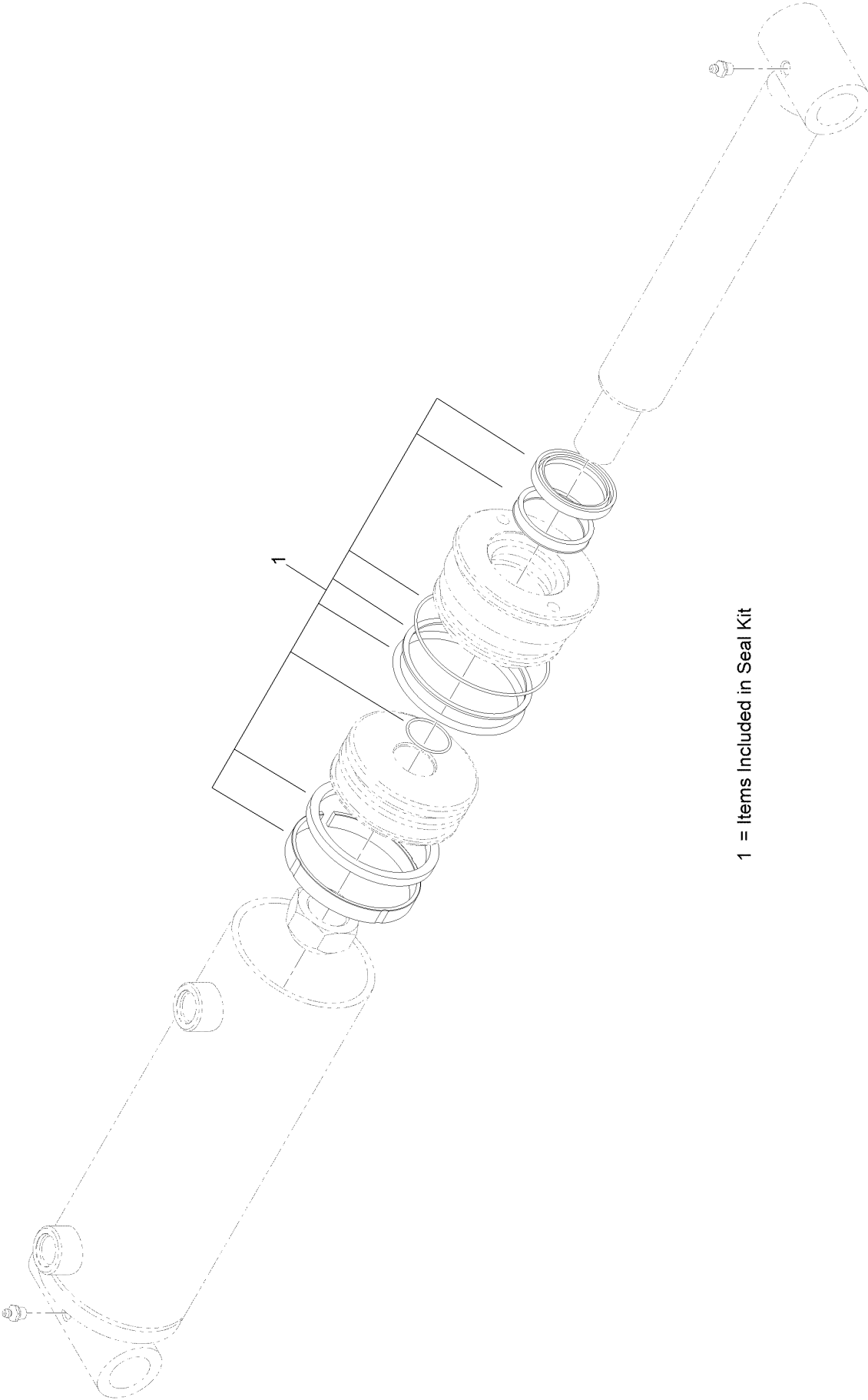
Frame Assembly



Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0923	1	Frame ASM	15	AU496-11131	6	Washer-Hardened
1:2	125-6107	1	Decal-Warning, Crushing	16	AUH434379	2	Pin (Stabilizer Pad End)
1:3	125-6139	2	Decal-Lift/Tie Down	17	100-6785	4	Ring-Retaining
2	AU111271	1	Pin-Dipper Cylinder To Boom	18	AUH434380	2	Pin-Stabilizer (Cylinder Rod End)
7	AU100862	2	Nut-U	19	AU103-16125	4	Ring-Retaining
8	AU122040-03	1	Cover-Valve, 5 Section	20	302-57	2	Fitting-Grease
9	106-0378	1	Screw-HH	21	AU120109-03	2	Foot-Stabilizer
10	33104-025	2	Screw-HHF	22	340-130	4	Fitting-Elbow 90
11	AU116295-03	2	Stabilizer	22:1	237-22	1	O-Ring
12	AU116285	2	HYD Cylinder ASM	22:2	237-80	1	O-Ring
13	AU116290	4	Pin-W/Flag	23	AU130072-03	1	Plate-Guard, Wire Harness
14	33106-025	4	Screw-HHF	24	33105-016	2	Screw-HHF

Hydraulic Cylinder Assembly No. AU116285

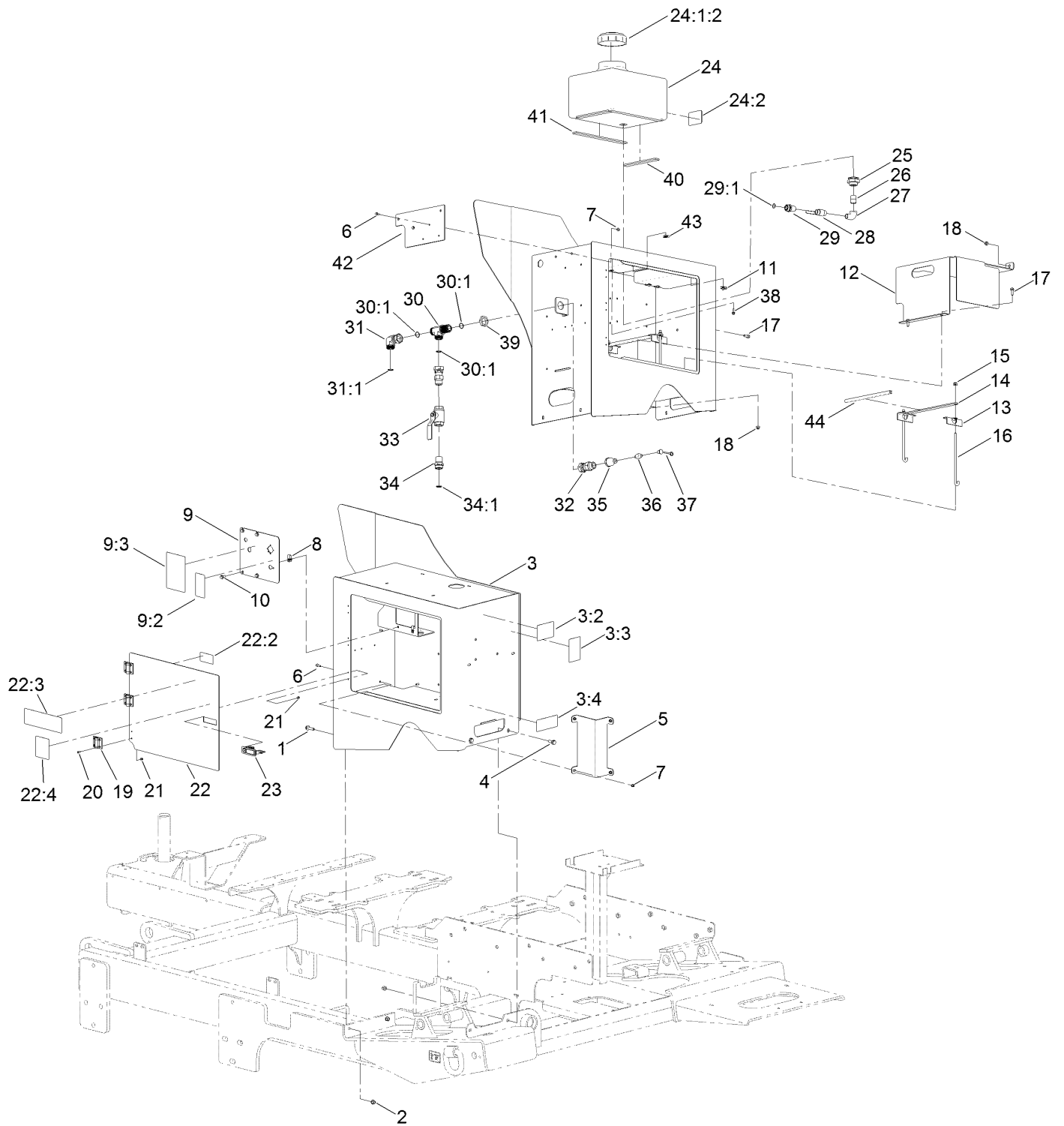


1 = Items Included in Seal Kit

Hydraulic Cylinder Assembly No. AU116285 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HC40017-1	1	Seal Kit

Control Box Assembly



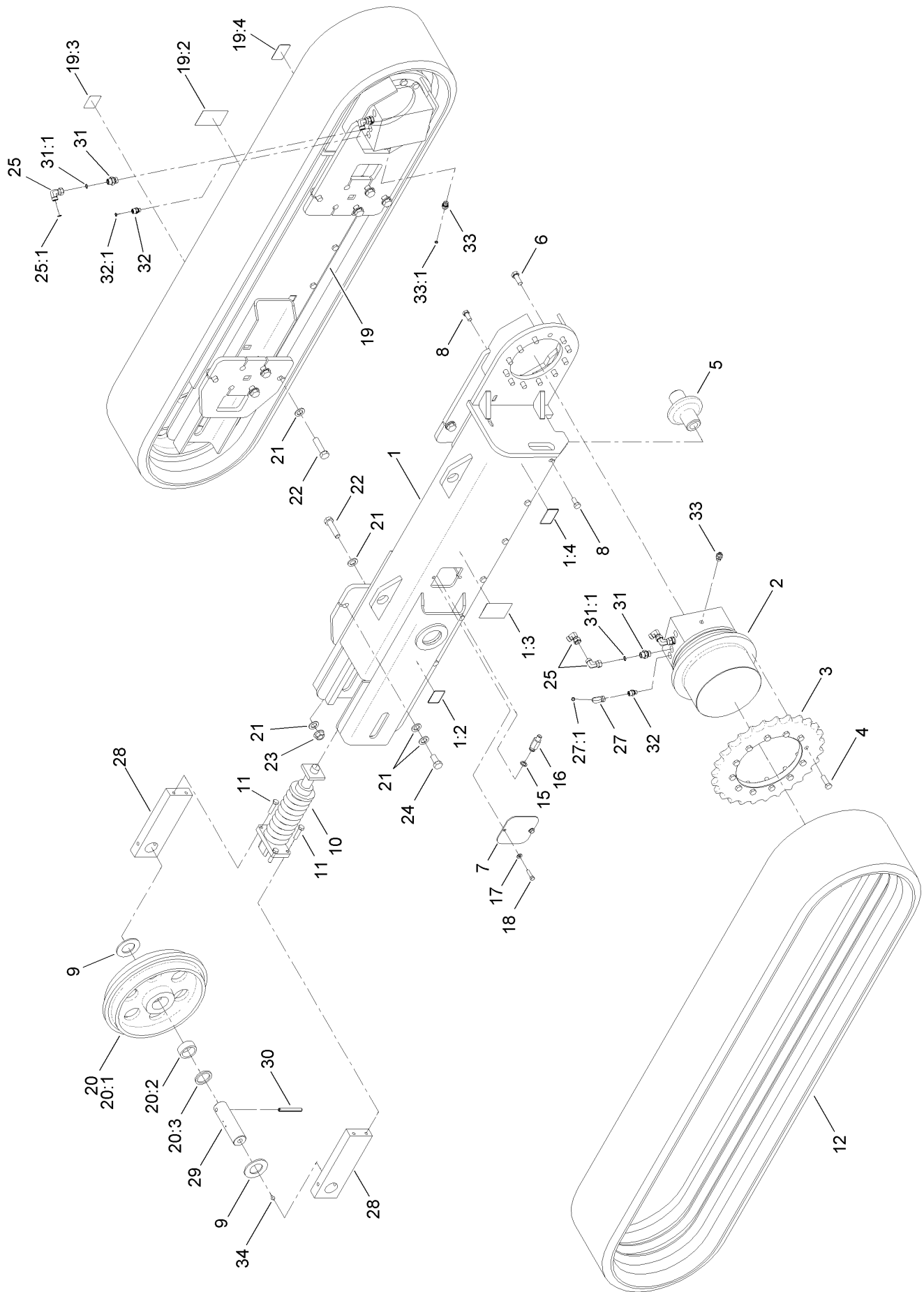
Control Box Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU100331	2	Screw-HHF	23	AU50GB2302	1	Latch-Trigger, Raised (W/Lock)
2	103-9511	4	Nut-Lock, NI	23:1	131-0148	1	Key-Replacement ●
3	127-0925	1	Control Box ASM	24	127-0927	1	Antifreeze Tank ASM
3:2	125-6120	1	Decal-Raise And Lower	24:1		1	Tank ● ■
3:3	125-6118	1	Decal-Danger, Back Up	24:1:2	127-0877	1	Lid-Tank
3:4	125-6128	1	Decal-Warning, Hydraulic Pressure	24:2	125-6137	1	Decal-Antifreeze
4	33105-030	2	Screw-HHF	25	AU20MC8508	1	Fitting-Tank, Bulkhead (Plastic)
5	AU117627-03	1	Plate-Corner, Console	26	AU221-1211	1	Nipple-Straight
6	33103-020	6	Screw-HHF	27	AU221-1415	1	Elbow-Street, 90 DEG
7	81-0130	6	Nut-Flange, NI	28	AU8HV21012	1	Valve-Ball
8	AU100862	4	Nut-U	29	AU8OA11212	1	Fitting-Straight
9	130-4527	1	Control Plate ASM	29:1	237-58	1	O-Ring
9:2	125-6157	1	Decal-Disconnect, Battery	30	92-7550	1	Fitting-Tee, Bulkhead
9:3	125-6141	1	Decal-Rear Controls Overlay	30:1	340-65	3	O-Ring
10	33104-020	4	Screw-HHF	31	92-7645	1	Fitting-Swivel, 90 DEG
11	AU100861	3	Nut-U	31:1	340-65	1	O-Ring
12	AU117625-03	1	Plate-Cover	32	AU8OA65016	2	Fitting-Straight
13	AUD125079	4	Angle-Holddown, Battery	33	AU8HV22016	1	Valve-Ball
14	AU117616-03	2	Plate-Hold Down, Battery	34	AU8OA11616	1	Fitting-Straight
15	104-8301	4	Nut-HF, NI	34:1	340-65	1	O-Ring
16	AUH436311	4	Bolt-Holddown, Battery	35	AU8PC11604	1	Fitting-Reducer
17	33104-025	4	Screw-HHF	36	AU8QD55204	1	Nipple-Quick Disconnect
18	104-3082	4	Nut-Lock, HHF	37	130-4503	1	Cap-Dust
19	AU123695	3	Hinge	38	3234-4	4	Screw-HHF
20	1-803071	12	Screw	39	340-128	1	Nut-Bulkhead
21	120-4578	12	Nut-HF	40	127-0975	2	Strip-Seal
22	127-0924	1	Door ASM	41	127-0974	2	Strip-Seal
22:2	125-8473	1	Decal-Warning, Battery	42	130-4451-03	1	Plate-Lockout, Cylinder
22:3	125-6113	1	Decal-Safety	43	AU108120	2	Nut-U
22:4	125-6117	1	Decal-Danger, No Riders (Rear)	44	127-1293	2	Trim-Battery

● Not illustrated

■ Not serviced separately

Track Assembly

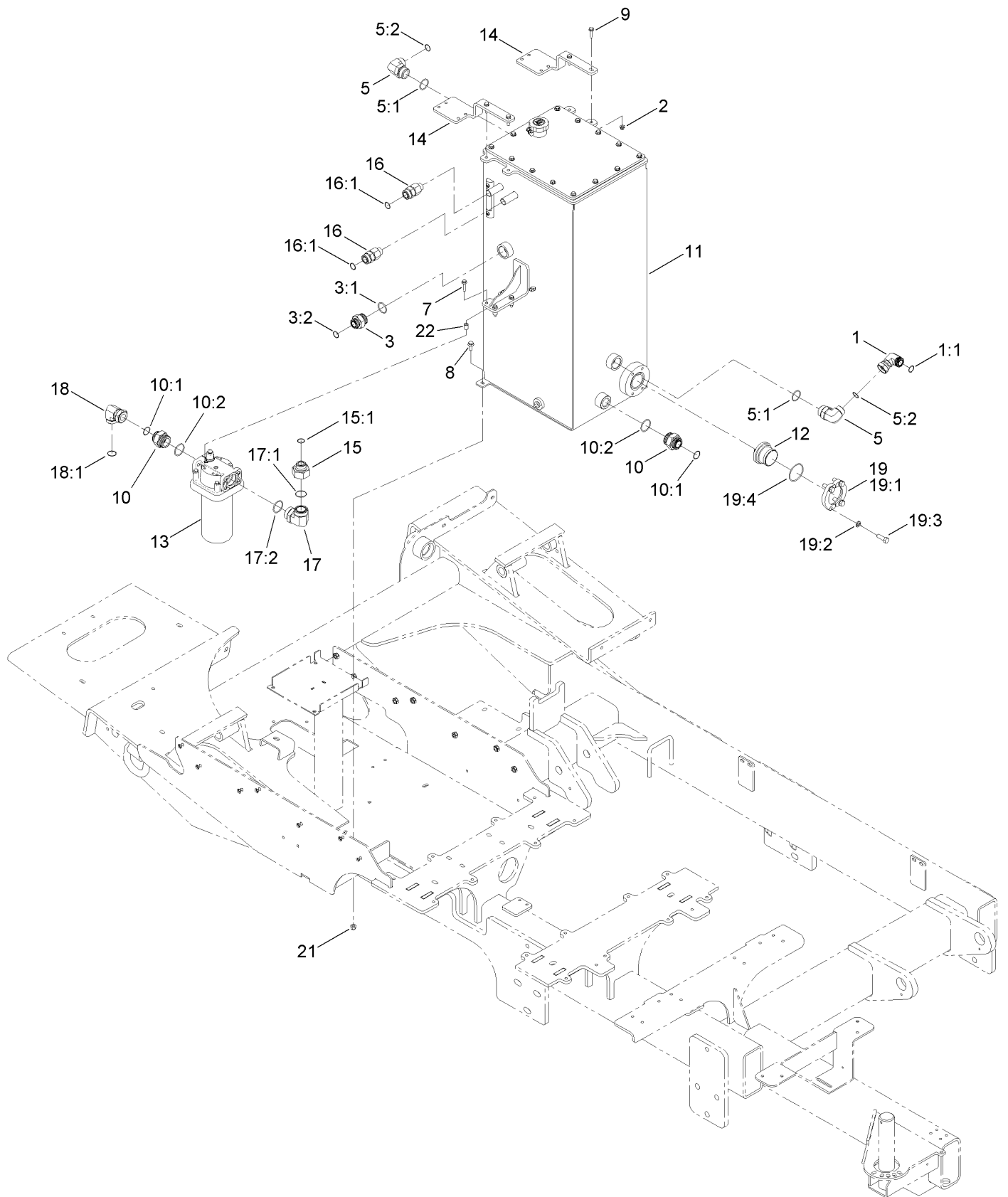


Track Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0929	1	RH Track Pod ASM	19:4	125-6139	1	Decal-Lift/Tie Down
1:2	125-6694	1	Decal-Tie Down	20	127-0960	2	Idler ASM
1:3	125-6108	1	Decal-Warning, Thrown Objects	20:1	AU32GB2410-03	1	Sprocket-Idler
1:4	125-6139	1	Decal-Lift/Tie Down	20:2	AUH748111	2	Bearing
2	AU8GB85017	2	Planetary Gearbox ASM	20:3	AU8HS11032	2	Seal-Shaft
3	AU30DD2424-03	2	Sprocket-Track Drive, 27T	21	103-0357	32	Washer
4	AU814-14045	24	Screw-HH	22	328-25	12	Screw-HH
5	AU30DD2434	12	Roller-Track	23	32128-45	12	Nut-HHF
6	AU814-16040	24	Screw-HH	24	AU426-1224	4	Bolt
7	AU32GB2413-03	2	Cover-Access Hole	25	94-6031	6	Fitting-HYD
8	AU814-14030	24	Screw-HH	25:1	237-30	1	O-Ring
9	AU8CF90032	4	Bearing-Thrust	27	340-159	1	Fitting-HYD, 90 DEG
10	AU32GB2412	2	Tensioner-Track	27:1	237-22	2	O-Ring
10:1	AU109951	1	Seal-U ●	28	AU32GB2408-03	4	Slider-Tensioner, Track Drive
10:2	AU109952	1	Seal-Wiper ●	29	AU32GB2409	2	Pin-Axle
11	AU426-832	8	Bolt	30	AU8CP31631	2	Pin-Slotted, Spring
12	AU32GB2414	2	Track-Rubber	31	127-3875	4	Fitting-Straight
15	AU30-807L-1059	2	Seal-O Ring	31:1	237-30	1	O-Ring
16	AU30-807L-1060	2	Valve-Grease	32	127-3874	2	Fitting-Straight
17	3256-24	4	Washer-Flat	32:1	237-22	1	O-Ring
18	323-43	4	Screw-HH	33	127-3873	2	Fitting-Straight
19	127-0928	1	LH Track Pod ASM	33:1	237-21	1	O-Ring
19:2	125-6108	1	Decal-Warning, Thrown Objects	34	302-2	2	Fitting-Grease
19:3	125-6694	1	Decal-Tie Down				

● Not illustrated

Hydraulic Fuel Tank and Fitting Assembly

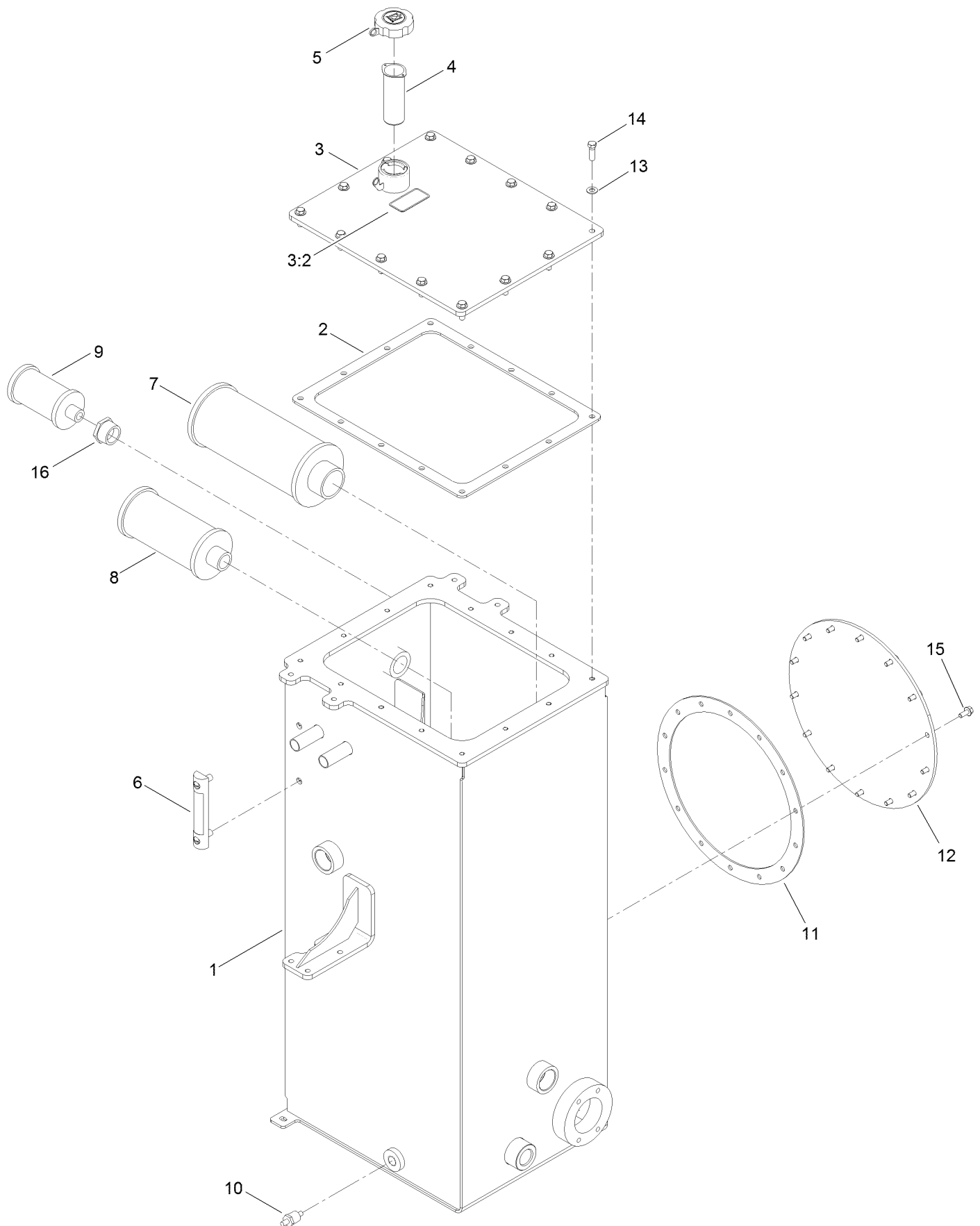


Hydraulic Fuel Tank and Fitting Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	92-7645	1	Fitting-Swivel, 90 DEG	14	AU123439-03	2	Mount-Plate
1:1	340-65	1	O-Ring	15	AU8OA81624	1	Fitting-Reducer
2	104-3082	4	Nut-Lock, HHF	15:1	340-65	1	O-Ring
3	340-80	1	Fitting-Str	16	AU8OAB1616	2	Fitting-Straight
3:1	237-101	1	O-Ring	16:1	340-65	1	O-Ring
3:2	340-65	1	O-Ring	17	AU8OL32424	1	Fitting-Elbow 90
5	340-79	2	Fitting-Elbow 90	17:1	340-63	1	O Ring
5:1	237-101	1	O-Ring	17:2	340-136	1	O-Ring
5:2	340-65	1	O-Ring	18	AU8OL82020	1	Fitting-Elbow, 90
7	112-9318	4	Screw-HHF, Locking	18:1	340-64	1	O-Ring
8	33105-025	3	Screw-HHF	19	AU91-FF593-40	1	Split Flange Kit
9	33104-035	4	Screw-HHF	19:1		2	Flange ●
10	AU8OA32024	2	Fitting-Str	19:2	3253-7	4	Washer-Lock
10:1	340-64	1	O-Ring	19:3	121-1524	4	Screw-HH
10:2	340-136	1	O-Ring	19:4	127-0980	1	O-Ring
11	AU116143	1	HYD Tank ASM	21	103-9511	3	Nut-Lock, NI
12	AU117686	1	Insert	22	115-1451	4	Spacer-Wheel
13	AU118533	1	Filter-HYD, Return				

● Not serviced separately

Hydraulic Tank Assembly No. AU116143

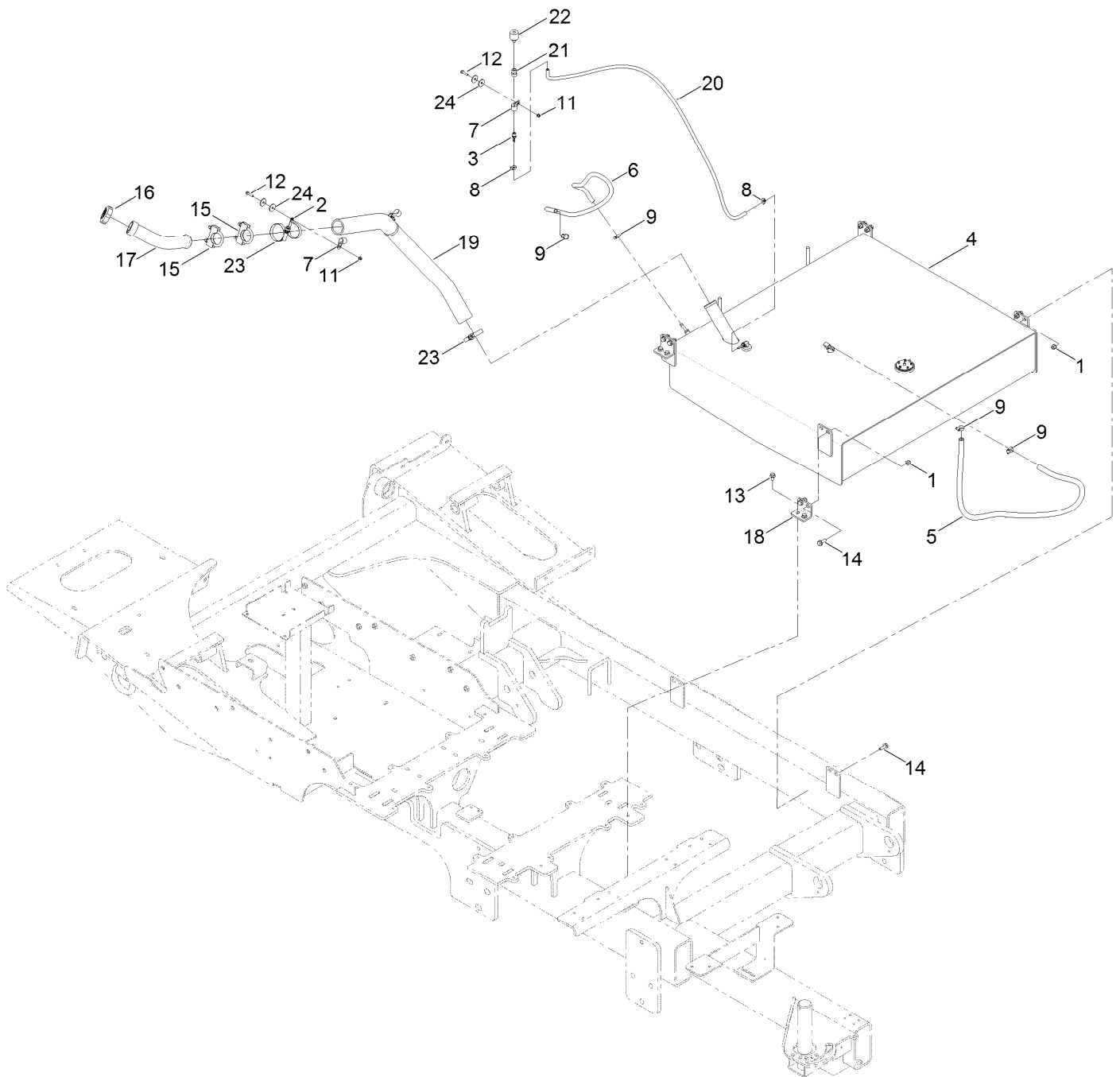


Hydraulic Tank Assembly No. AU116143 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU116595	1	Tank-HYD
2	AU117202	1	Gasket-Cover
3	127-0930	1	HYD Tank Cover ASM
3:2	125-8483	1	Decal-HYD Fluid
4	AU101238	1	Filter-Screen, Mesh
5	AU105820	1	Cap-HYD Fluid (W/ Lock)
6	AUL116247	1	Gauge-Sight
7	AU116600	1	Strainer-Nipple
8	AU116599	1	Strainer-Suction

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	AU116598	1	Strainer-Nipple
10	AU30-460-8006	1	Sender-Temperature, Water
11	AU122311	1	Gasket-HYD, Tank
12	AU122304-03	1	Cover-HYD, Tank
13	48-9220	14	Washer
14	323-7	14	Screw-HH
15	33104-020	14	Screw-HHF
16	AU221-70	1	Fitting-Reducer

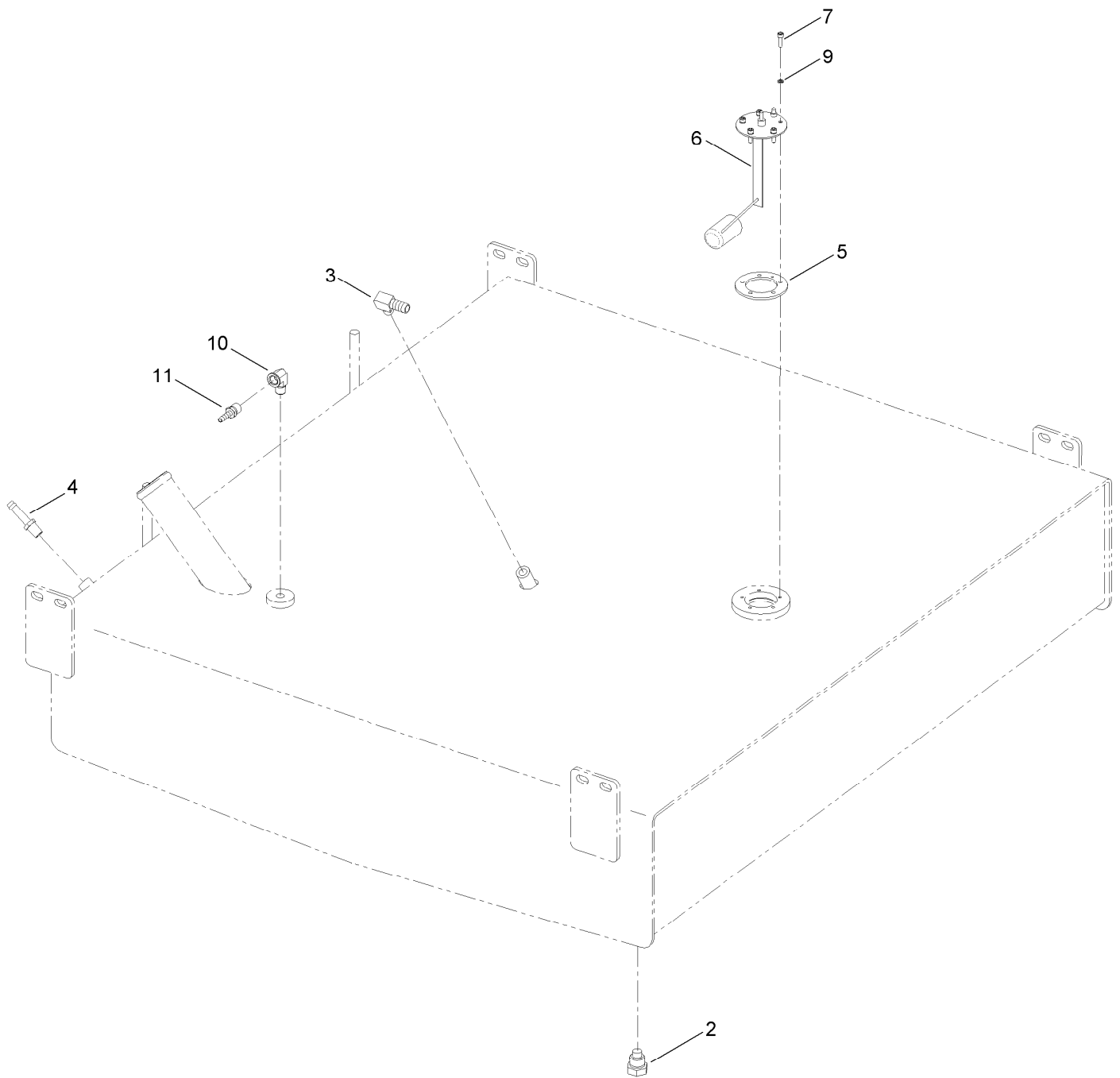
Fuel Tank and Hose Assembly



Fuel Tank and Hose Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	103-9511	8	Nut-Lock, NI	14	33105-030	8	Screw-HHF
2	107-1865	2	R-Clamp	15	AU111838	2	Bolt-U, Clamp
3	115-1447	1	Fitting-Straight	16	AU117630	1	Cap-Fuel (W/Lock)
4	121-7535	1	Fuel Tank ASM	17	AU118832-03	1	Neck-Filler - Fuel
5	127-0945	1	Hose-Fuel	18	AU119508-03	2	Plate-Mounting, Tank
6	127-0946	1	Hose-Fuel	19	AU124968	1	Hose-Fuel, Tank Fill
7	2412-4	3	Clamp	20	107-9298	1	Hose-Fuel
8	2412-108	2	Clamp-Worm	21	AU217-1101	1	Coupling-Pipe (NPTF)
9	2412-36	4	Clamp-Hose	22	AU31543	1	Breather
11	81-0130	3	Nut-Flange, NI	23	104-9240	2	Clamp-Hose
12	33103-030	3	Screw-HHF	24	105-3048	6	Washer-Flat
13	33105-020	4	Screw-HHF				

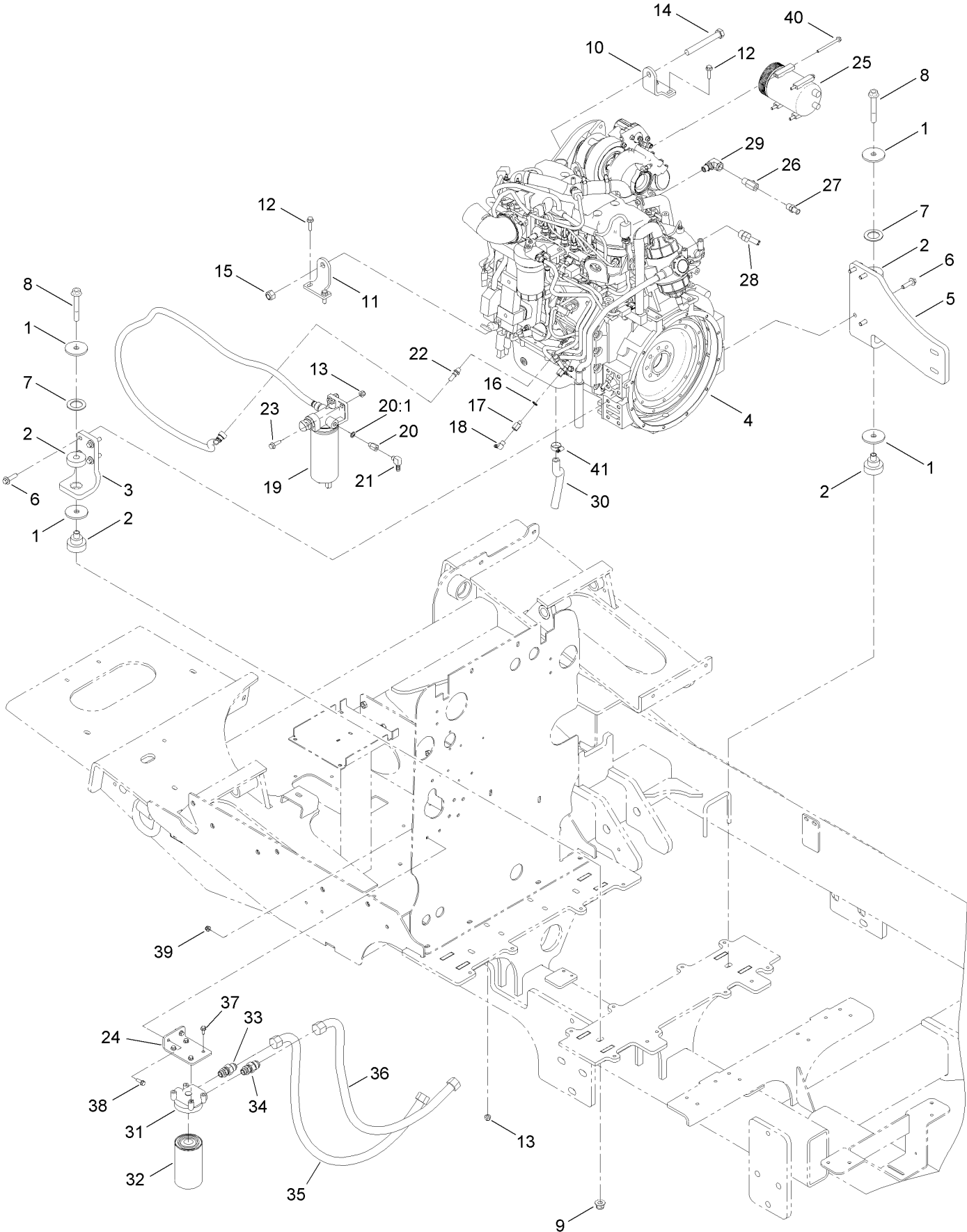
Fuel Tank Assembly No. 121-7535



Fuel Tank Assembly No. 121-7535 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	AU119908	1	Plug-Hex, Magnetic	7	3273-26	5	Screw-HSH
3	127-3870	1	Fitting-Elbow, 90	9	3253-17	5	Washer-Lock
4	AU217-151	1	Stem-Straight, Bead	10	125-9088	1	Fitting-Elbow, 90
5	AU528359R4	1	Gasket-Sending Unit	11	115-1447	1	Fitting-Straight
6	AU117631	1	Sender-Fuel				

Engine and Mounting Assembly



Engine and Mounting Assembly (continued)

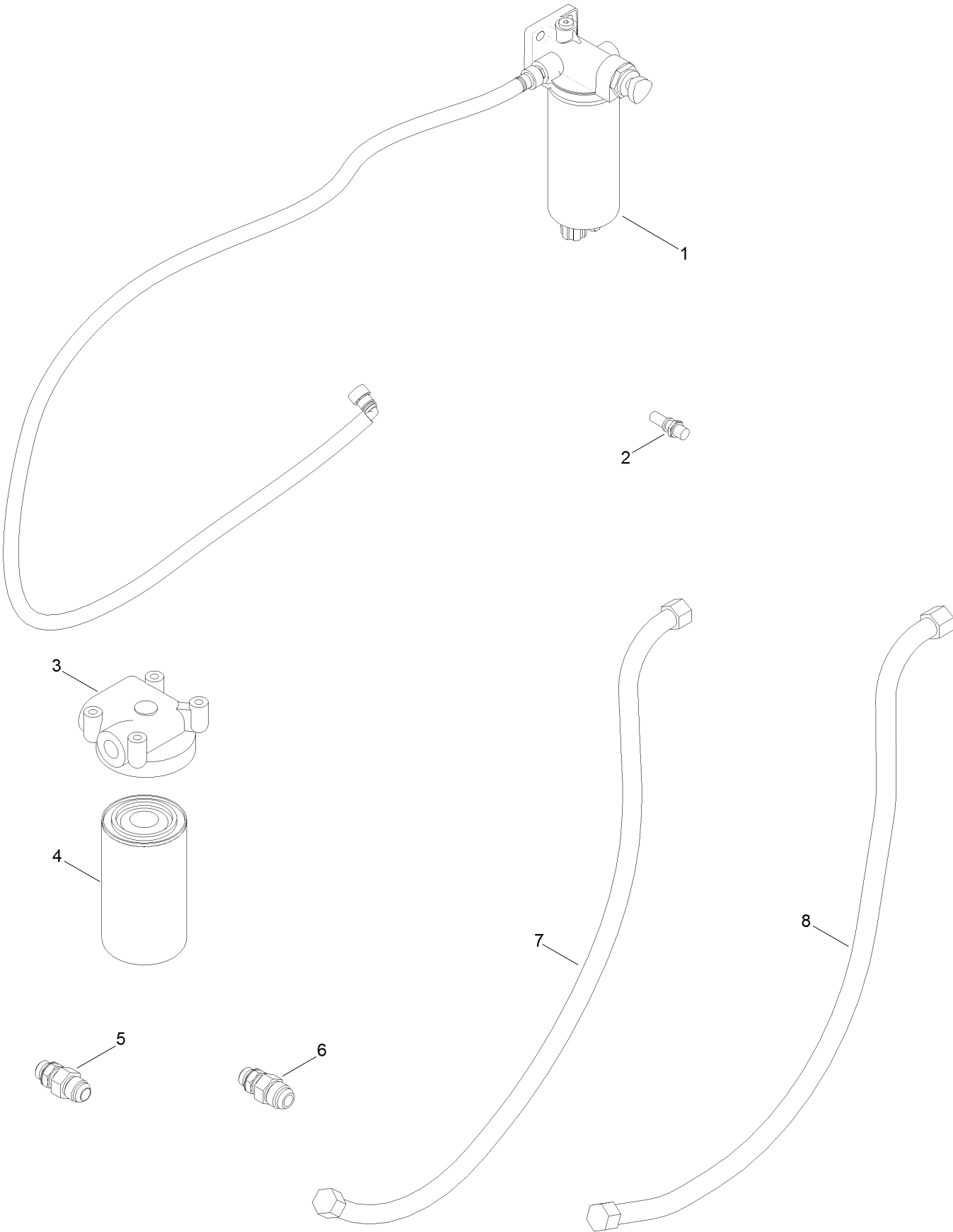
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119802	4	Washer
2	AU117690	2	Isolator-Mount, Universal
3	AU116259-03	1	Mount-Engine, Front (RH)
4		1	Engine-Qsb4, Tier 4I ■
4:1	125-6546	1	Exhaust ●
4:2	125-6545	1	Air Cleaner ASM ●
4:3	131-3447	1	Remote Mounted Engine Parts Box ●
4:4	131-7361	1	Water Pump ●
4:5	131-7354	1	Alternator ●
4:6	131-7355	1	Belt ●
4:7	AU119491	1	Heater-Coolant/Block, 12V ●
4:8	131-7356	1	Breather-Crankcase ●
4:9	131-7359	1	Starter ●
4:10	131-7360	1	Thermostat ●
5	AU117688-03	1	Mount-Engine, Front (LH)
6	AU100347	8	Screw-HHF
7	AU117984	2	Spacer-Isolator
8	AU100368	2	Screw-Flange
9	AU100529	2	Nut-HHF
10	AU130260-03	1	Mount-Engine
11	AU130261-03	1	Mount-Engine
12	33105-040	4	Screw-HHF
13	103-9511	6	Nut-Lock, NI
14	AU426-1296	1	Screw-HH
15	120-7252	1	Nut-Lock
16	AU121717	1	Seal-Fitting, Fuel

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
17	AU120770	1	Fitting-Reducer
18	354-93	1	Fitting-Elbow, 90
19	127-5254	1	Fuel Filter ASM
20	AU123748	1	Fitting-Reducer
20:1	AU121717	1	Seal-Fitting, Fuel
21	127-3870	1	Fitting-Elbow, 90
22	127-5252	1	Fitting-Fuel
23	33105-035	2	Screw-HHF
24	AU130496-03	1	Plate-Mounting, Filter
25	AU130666	1	Compressor-AC
26	AU125952	1	Valve-Ball
27	108-0454	1	Fitting-Straight
28	127-5280	1	Fitting-Elbow, 45
29	127-5279	1	Fitting-Elbow, 90
30	AU122422	1	Hose-Drain, Oil
31	127-0881	1	Head-Filter, Oil
32	127-0880	1	Filter-Oil
33	127-0882	1	Fitting-Oil
34	127-0883	1	Fitting-Oil
35	127-0884	1	Hose-Oil
36	127-0885	1	Hose-Oil
37	33104-020	4	Screw-HHF
38	33104-025	2	Screw-HHF
39	104-3082	2	Nut-Lock, HHF
40	AU100328	4	Screw-HHF
41	2412-129	1	Clamp-Hose

● Not illustrated

■ Not serviced separately

**Remote Mounted Engine Parts Box
Assembly No. 131-3447**



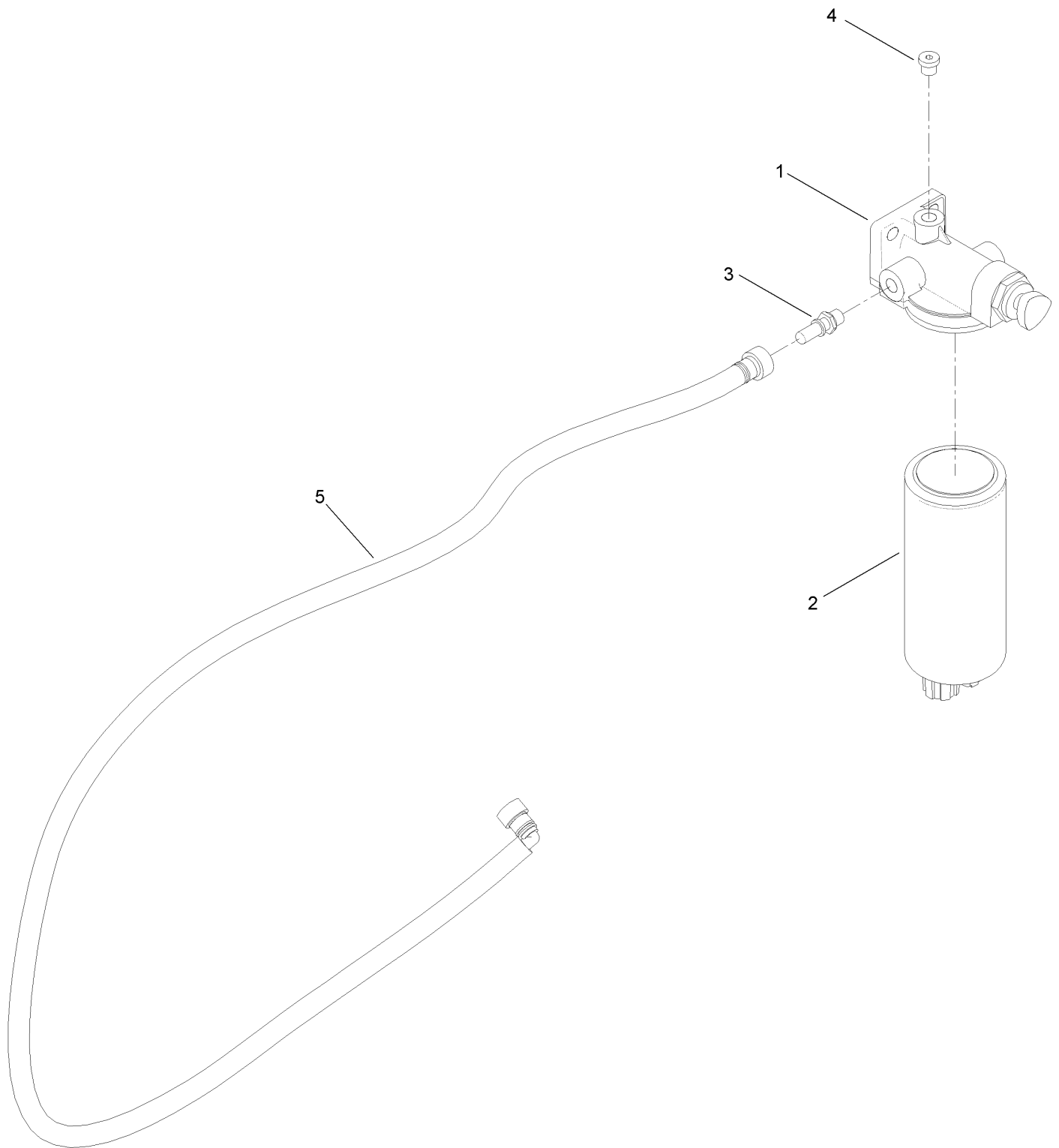
Remote Mounted Engine Parts Box

Assembly No. 131-3447 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-5254	1	Fuel Filter ASM
2	127-5252	1	Fitting-Fuel
3	127-0881	1	Head-Filter, Oil
4	127-0880	1	Filter-Oil

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	127-0882	1	Fitting-Oil
6	127-0883	1	Fitting-Oil
7	127-0884	1	Hose-Oil
8	127-0885	1	Hose-Oil

Fuel Filter Assembly No. 127-5254

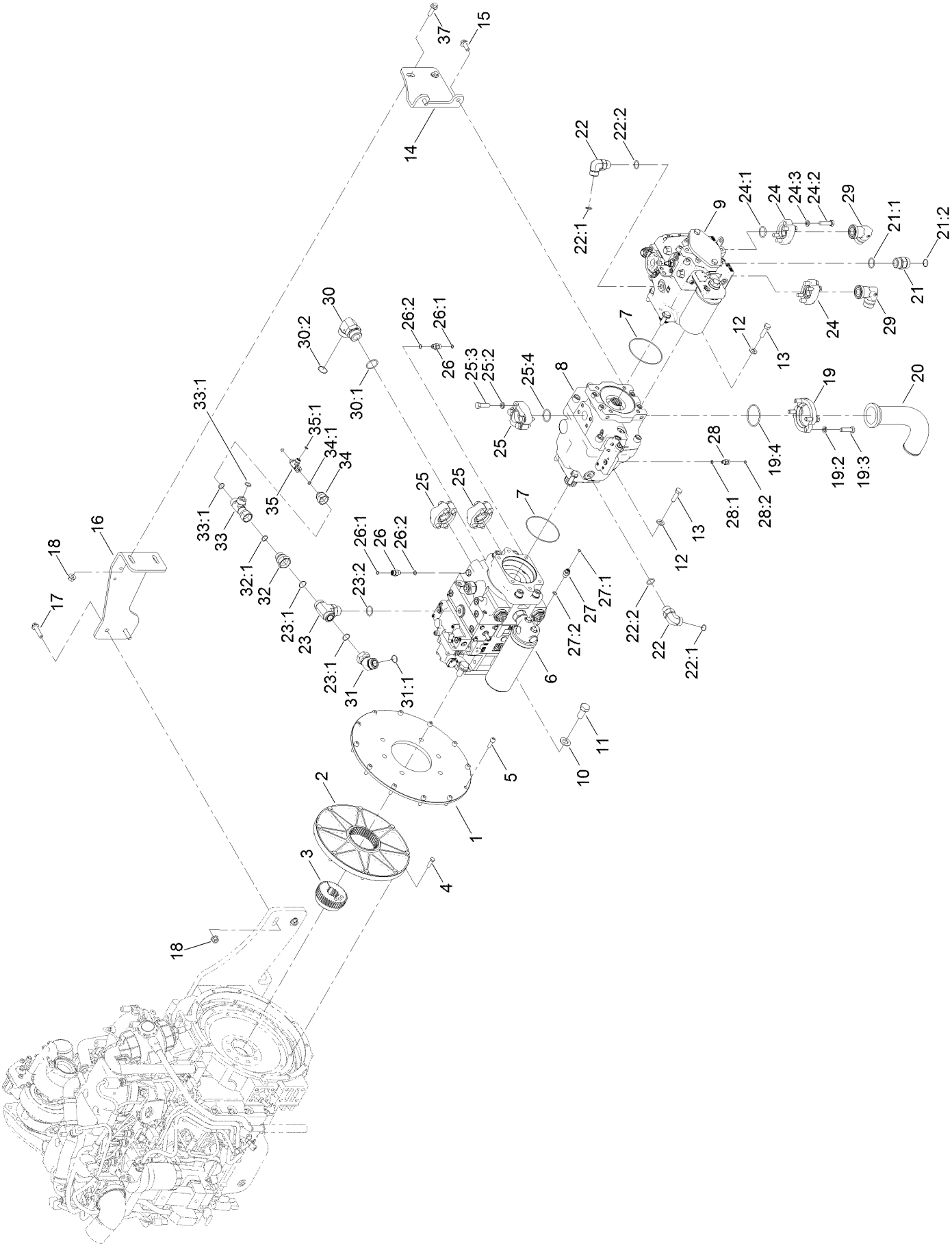


Fuel Filter Assembly No. 127-5254 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-5250	1	Head-Filter, Fuel
2	127-5251	1	Filter-Fuel
3	127-5252	1	Fitting-Fuel

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	127-5253	1	Plug
5	121-7531	1	Hose ASM

Hydraulic Pump Assembly



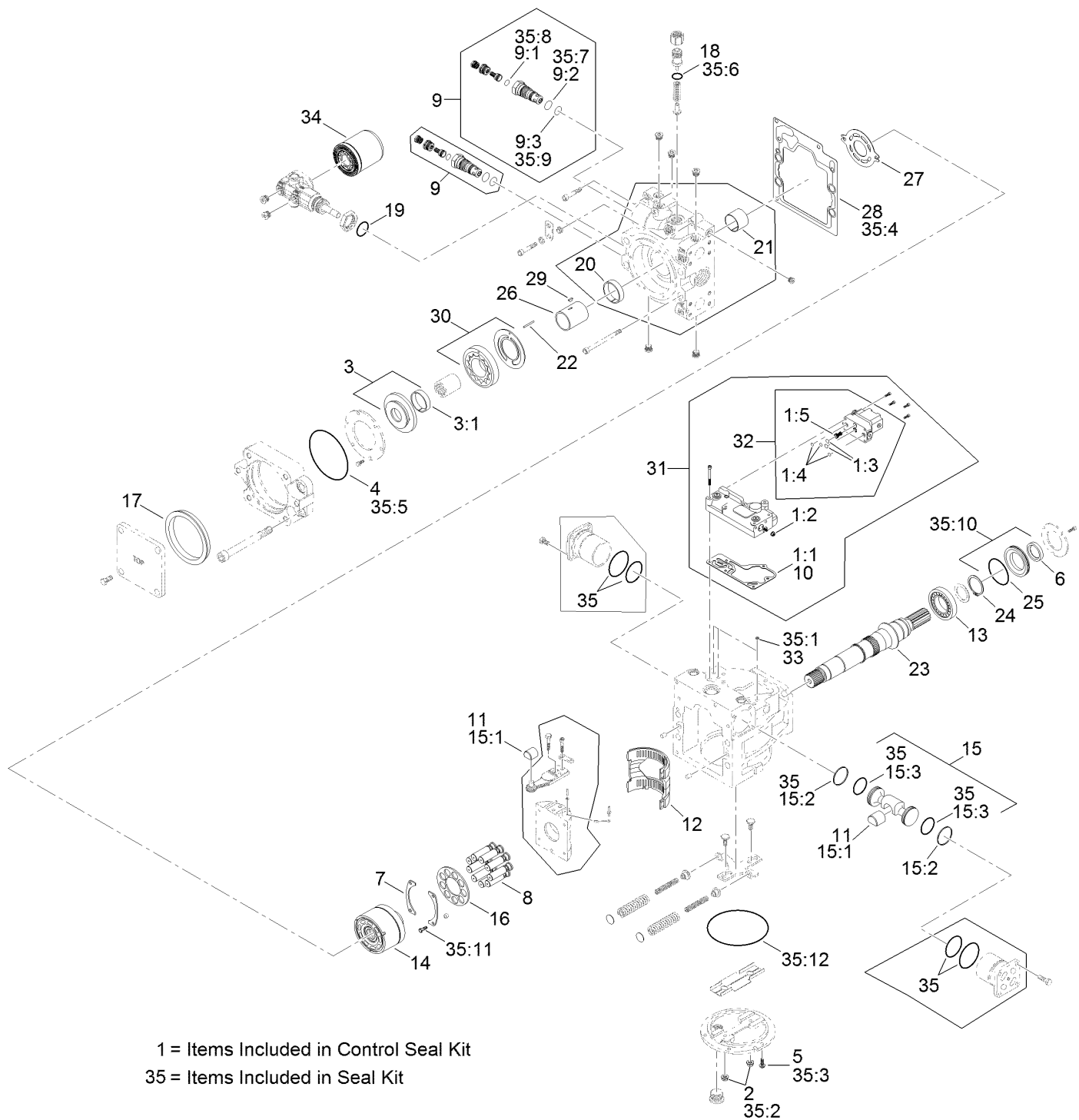
Hydraulic Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU116050	1	Plate-Mount, Pump	24	121-3903	2	Flange Kit
2	AU8PD92006	1	Coupling-Drive, Nylon	24:1	121-3904	1	O-Ring
3	AU8PD92007	1	Hub-Steel, 13T	24:2	33116-045	4	Screw-HH
4	323-44	8	Screw-HH	24:3	48-8070	4	Washer-Lock
5	AU862-10030	12	Screw-HSH	25	AU8TS46220	3	Split Flange Kit
6	132-4249	1	Rotary Pump ASM	25:1		2	Flange-Half ●■
7	AU70-9004104-158	2	Seal-O Ring	25:2	3253-7	4	Washer-Lock
8	AU116306	1	Load-Sense Pump ASM	25:3	325-7	4	Screw-HH
9	AU116314	1	Hydrostat Pump ASM	25:4	115-5420	1	O-Ring
10	AU496-11081	4	Washer	26	340-2	2	Fitting-Straight
11	AU426-1224	4	Bolt	26:1	237-22	1	O-Ring
12	AU496-21053	8	Washer-Flat	26:2	237-42	1	O-Ring
13	121-1524	8	Screw-HH	27	340-1	1	Fitting-Str
14	AU116261-03	1	Bracket-Mounting, Pump	27:1	237-21	1	O-Ring
15	33106-030	2	Screw-HHF	27:2	237-42	1	O-Ring
16	AU117689-03	1	Bracket-Mounting, Center	28	340-92	1	Fitting-Straight
17	33106-050	2	Screw-HHF	28:1	237-78	1	O-Ring
18	115-1115	4	Nut-Lock, HHF	28:2	237-21	1	O-Ring
19	AU91-FF593-40	1	Split Flange Kit	29	AU126488	2	Elbow-90
19:1		2	Flange ●■	30	340-52	1	Fitting-Elbow 90
19:2	3253-7	4	Washer-Lock	30:1	237-101	1	O-Ring
19:3	121-1524	4	Screw-HH	30:2	340-64	1	O-Ring
19:4	127-0980	1	O-Ring	31	AU8OE81616	1	Fitting-Elbow, 45
20	AU121324	1	Tube-Bent	31:1	340-65	1	O-Ring
21	104-3797	1	Fitting-Straight	32	AU8OA81216	1	Fitting-Reducer
21:1	237-146	1	O-Ring	32:1	237-58	1	O-Ring
21:2	340-65	1	O-Ring	33	AU8OR81212	1	Fitting-Tee
22	340-142	2	Fitting-Elbow 90	33:1	237-58	2	O-Ring
22:1	237-58	1	O-Ring	34	AU8OA80612	1	Fitting-Reducer
22:2	237-81	1	O-Ring	34:1	237-22	1	O-Ring
23	104-7501	1	Fitting-HYD	35	340-115	1	Fitting-Tee, Swivel Nut
23:1	340-65	2	O-Ring	35:1	237-22	2	O-Ring
23:2	237-146	1	O-Ring	37	33106-040	2	Screw-HHF

● Not illustrated

■ Not serviced separately

Hydraulic Pump Assembly No. 132-4249

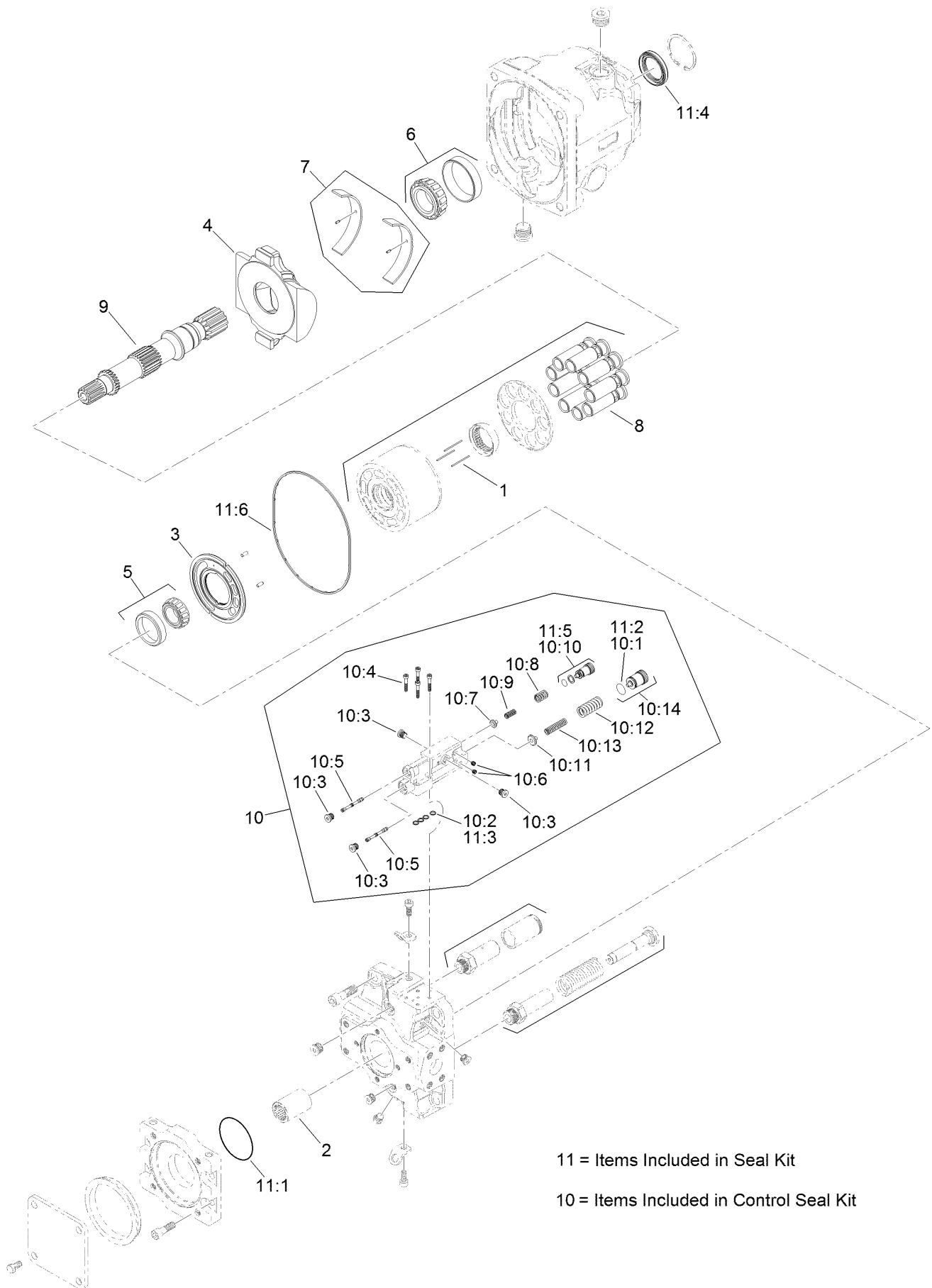


Hydraulic Pump Assembly No. 132-4249 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-4589	1	Control Seal Kit	19	131-8615	1	O-Ring
1:1		1	Gasket-Control ●	20	131-8617	1	Bearing-Journal
1:2		1	Nut-Seal ●	21	131-8618	1	Bearing-Journal
1:3		2	O-Ring ●	22	131-8619	1	Pin
1:4		3	O-Ring ●	23	131-8620	1	Shaft-13 Tooth
1:5		1	Filter ASM ●	24	131-8621	1	Ring-Retaining
2	131-7387	2	Nut-Seal	25	131-8622	1	O-Ring
3	131-7601	1	Charge Pump Cover ASM	26	131-8623	1	Shaft-Pump, Charge
3:1	131-8617	1	Bearing-Journal	27	131-8625	1	Plate-Valve
4	131-7603	1	O-Ring	28	131-8626	1	Gasket-Cap, End
5	131-7605	6	Screw	29	131-8627	1	Key
6	131-7606	1	Seal-Lip	30	131-8629	1	Charge Pump Set
7	131-7608	2	Bearing-Guide, Slipper	31	AU104296	1	E.D.C Kit
8	131-7610	9	Piston-Welded	32	AU104298	1	Weather Pack Connector Kit
9	131-7626	2	Multi Function Valve ASM	33	AU105638A1	3	Screen-Filter, Control
9:1	131-8613	1	O-Ring	34	AU414348A1	1	Filter-Charge
9:2	131-7612	1	O-Ring	35	131-8635	1	Overhaul Seal Kit
9:3	131-7613	1	O-Ring	35:1	AU105638A1	3	Screen-Filter, Control
10	131-7628	1	Gasket-Control	35:2	131-7387	2	Nut-Seal
11	131-7629	1	Block-Slider	35:3	131-7605	6	Screw
12	131-7630	1	Cradle Bearing ASM	35:4	131-8626	1	Gasket-Cap, End
13	131-7638	1	Bearing-Roller	35:5	131-7603	1	O-Ring
14	131-7642	1	Cylinder Block ASM	35:6	131-8614	1	O-Ring
15	131-7643	1	Servo Piston ASM	35:7	131-7612	2	O-Ring
15:1	131-7629	1	Block-Slider	35:8	131-8613	2	O-Ring
15:2		2	Seal ●	35:9	131-7613	2	O-Ring
15:3		2	O-Ring ●	35:10		1	Shaft Seal ASM ●
16	131-8600	1	Guide-Slipper	35:11		1	Screw ●
17	131-8603	1	Seal-C Pad	35:12		1	O-Ring ●
18	131-8614	1	O-Ring				

● Not serviced separately

Hydraulic Pump Assembly No. AU116306

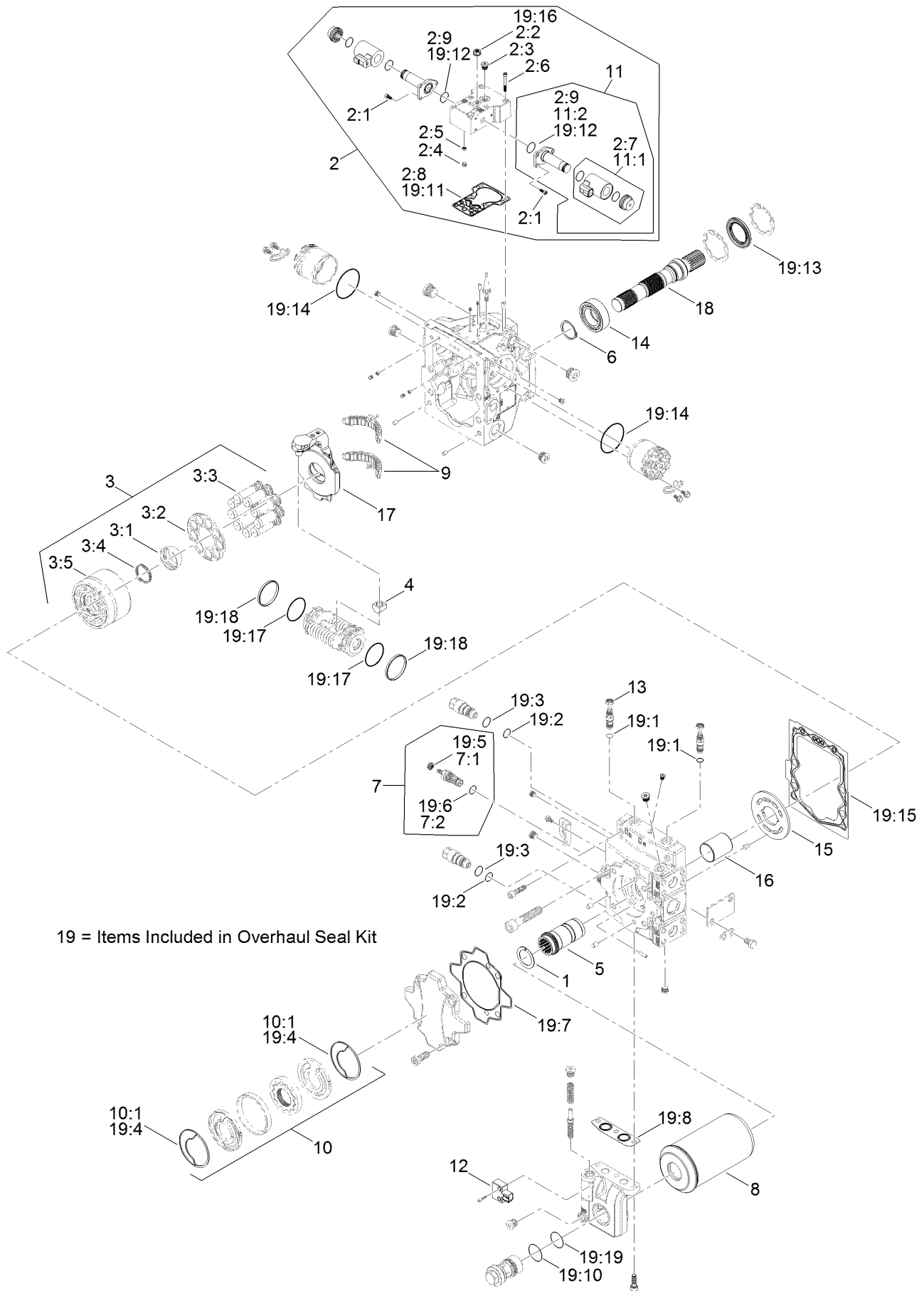


Hydraulic Pump Assembly No. AU116306 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7614	3	Pin-Hold Down	10:7		1	Guide-Spring, Ls ●
2	131-7615	1	Coupling	10:8		1	Spring-Outer, Ls ●
3	131-7616	1	Plate-Valve, CW	10:9		1	Spring-Inner, Ls ●
4	131-7617	1	Swashplate ASM	10:10		1	Plug-Adjustment ●
5	131-7621	1	Rear Bearing Kit	10:11		1	Guide-Spring, Pc ●
6	131-7622	1	Front Bearing Kit	10:12		1	Spring-Outer, Pc ●
7	131-7623	1	Swashplate Bearing Kit	10:13		1	Spring-Inner, Pc ●
8	131-8602	9	Piston ASM	10:14		1	Plug-Adjusting, Pc ●
9	131-8604	1	Shaft	11	131-8634	1	Overhaul Seal Kit
10	131-8608	1	Control Kit	11:1	131-7607	1	O-Ring
10:1	131-7625	1	O-Ring	11:2	131-7625	1	O-Ring
10:2	131-7624	4	Ring-Seal	11:3	131-7624	4	Ring-Seal
10:3		4	Plug ●	11:4	131-8628	1	Seal-Lip
10:4		4	Screw ●	11:5		1	Plug-Adjustment ●
10:5		2	Spool-Control ●	11:6		1	Seal-Cap, End ●
10:6		2	Screw-Set ●				

● Not serviced separately

Hydraulic Pump Assembly No. AU116314

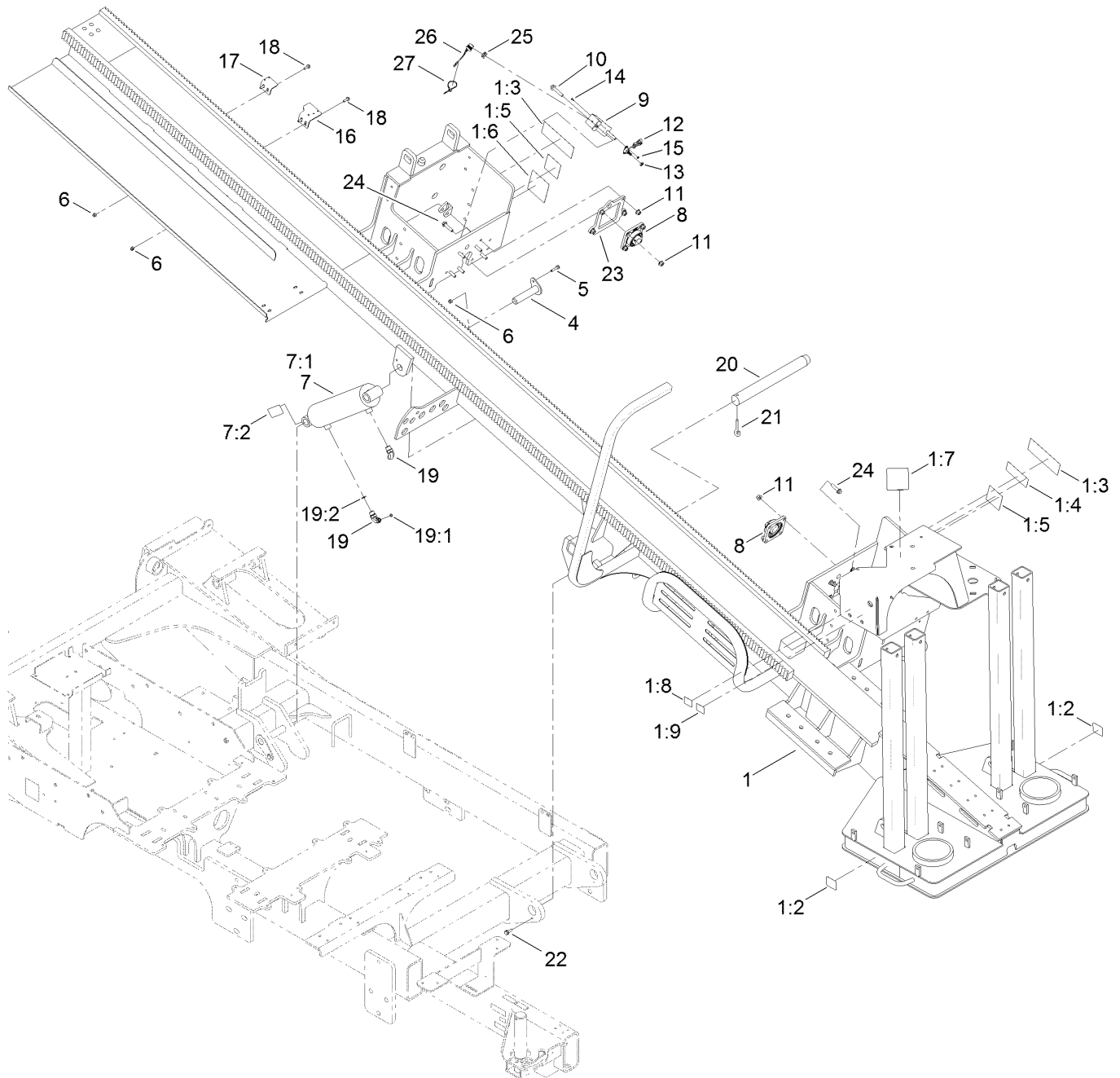


Hydraulic Pump Assembly No. AU116314 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-5287	1	Plate-Thrust	11:1	125-5294	1	Coil Kit
2	125-5295	1	Control Kit (12 Volt)	11:2	125-5288	1	O-Ring
2:1	125-5272	6	Screw	12	131-7641	1	Sensor-Filtration
2:2	125-5273	1	Nut-Seal	13	131-7645	2	Nut
2:3	125-5302	1	Plug ASM	14	131-7646	1	Bearing-Ball
2:4	125-5266	1	Screen	15	131-8601	1	Plate-Valve, CW
2:5	125-5269	1	Ring-Locking	16	131-8605	1	Bearing-Journal
2:6	125-5274	6	Screw	17	131-8606	1	Swashplate
2:7	125-5294	2	Coil Kit	18	131-8607	1	Shaft
2:8	125-5283	1	Gasket-Control	19	131-8632	1	Overhaul Seal Kit
2:9	125-5288	2	O-Ring	19:1	131-7386	2	O-Ring
3	131-7390	1	Check Valve Kit	19:2	131-7396	2	O-Ring
3:1	131-8609	1	Guide-Ball, Slipper Retainer	19:3	125-5289	2	O-Ring
3:2	131-7391	1	Guide-Slipper	19:4	131-8611	2	Ring-Seal
3:3	131-7639	1	Piston ASM	19:5	125-5273	1	Nut-Seal
3:4		1	Ring-Spring ●	19:6	28-3570	1	O-Ring
3:5		1	Cylinder Block ASM ●	19:7	125-5285	1	Seal-Adapter
4	131-7392	1	Block-Slider	19:8	131-7389	1	Gasket-Adapter, Filter
5	131-7395	1	Shaft	19:10	131-7397	1	O-Ring
6	131-7600	1	Ring-Retaining	19:11	125-5283	1	Gasket-Control
7	131-7631	1	Charge Relief Valve Kit	19:12	125-5288	2	O-Ring
7:1	125-5273	1	Nut-Seal	19:13	131-7394	1	Seal-Lip
7:2	28-3570	1	O-Ring	19:14	131-7393	2	O-Ring
8	131-7632	1	Filter	19:15		1	Gasket-Cap, End ●
9	131-7633	1	Swashplate Bearing Kit	19:16	125-5273	1	Nut-Seal
10	131-7634	1	Charge Pump Kit (14Cc)	19:17		2	O-Ring ●
10:1	131-8611	2	Ring-Seal	19:18		2	Ring-Piston ●
11	131-7636	2	Solenoid Valve ASM	19:19		1	O-Ring ●

● Not serviced separately

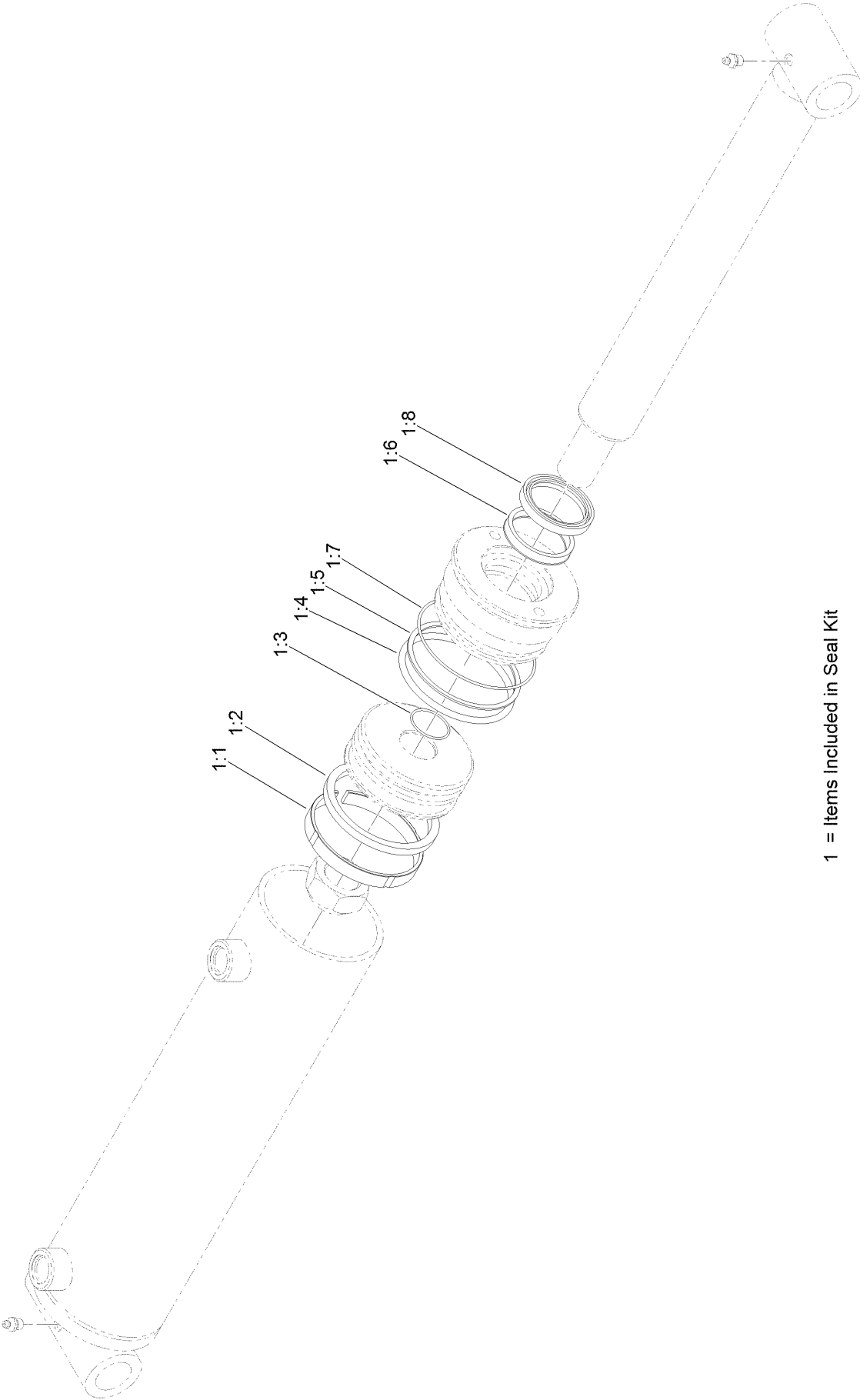
Thrust Frame Assembly



Thrust Frame Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0931	1	Thrust Frame ASM	11	115-1115	16	Nut-Lock, HHF
1:2	125-6694	2	Decal-Tie Down	12	131-0177	1	Sensor-Rotary
1:3	125-6130	2	Decal-Danger, Hazardous Area	13	112-8617	1	Nut-Hex
1:4	125-6128	1	Decal-Warning, Hydraulic Pressure	14	60-6500	2	Screw-HH
1:5	125-6107	2	Decal-Warning, Crushing	15	127-2018	2	Nut-HHF
1:6	125-6109	1	Decal-Danger, Shock	16	AU122460-03	2	Plate-Mount, Proximity Switch
1:7	125-6111	1	Decal-Stakedown Set Up	17	AU122537-03	1	Plate-Mount, Switch
1:8	125-6123	1	Decal-Pipe Return, Clear	18	33104-025	6	Screw-HHF
1:9	125-6124	1	Decal-Pipe Breakout, Clear	19	340-130	2	Fitting-Elbow 90
4	AU117944	1	Pin-Pivot	19:1	237-22	1	O-Ring
5	33104-040	1	Screw-HHF	19:2	237-80	1	O-Ring
6	104-3082	7	Nut-Lock, HHF	20	AU118521	1	Pin-Pivot, Main
7	127-0933	1	Lift Cylinder ASM	21	AUH313981	1	Pin-Retainer
7:1	AU116296	1	HYD Cylinder ASM	22	33105-030	1	Screw-HHF
7:2	125-6115	1	Decal-Caution, Cylinder Lock	23	125-6511-03	2	Plate-Support, Bearing
8	AU121325	2	Bearing-Flanged Y, Square	24	33106-050	14	Screw-HHF
9	132-4171-03	1	Bracket-Sensor, Cam	25	32180-011	1	Clip-Connector
10	33106-060	2	Screw-HHF	26	122-0673	1	Harness-Adaptor, Sensor
				27	3290-378	1	Tie-Cable

Hydraulic Cylinder Assembly No. AU116296



1 = Items Included in Seal Kit

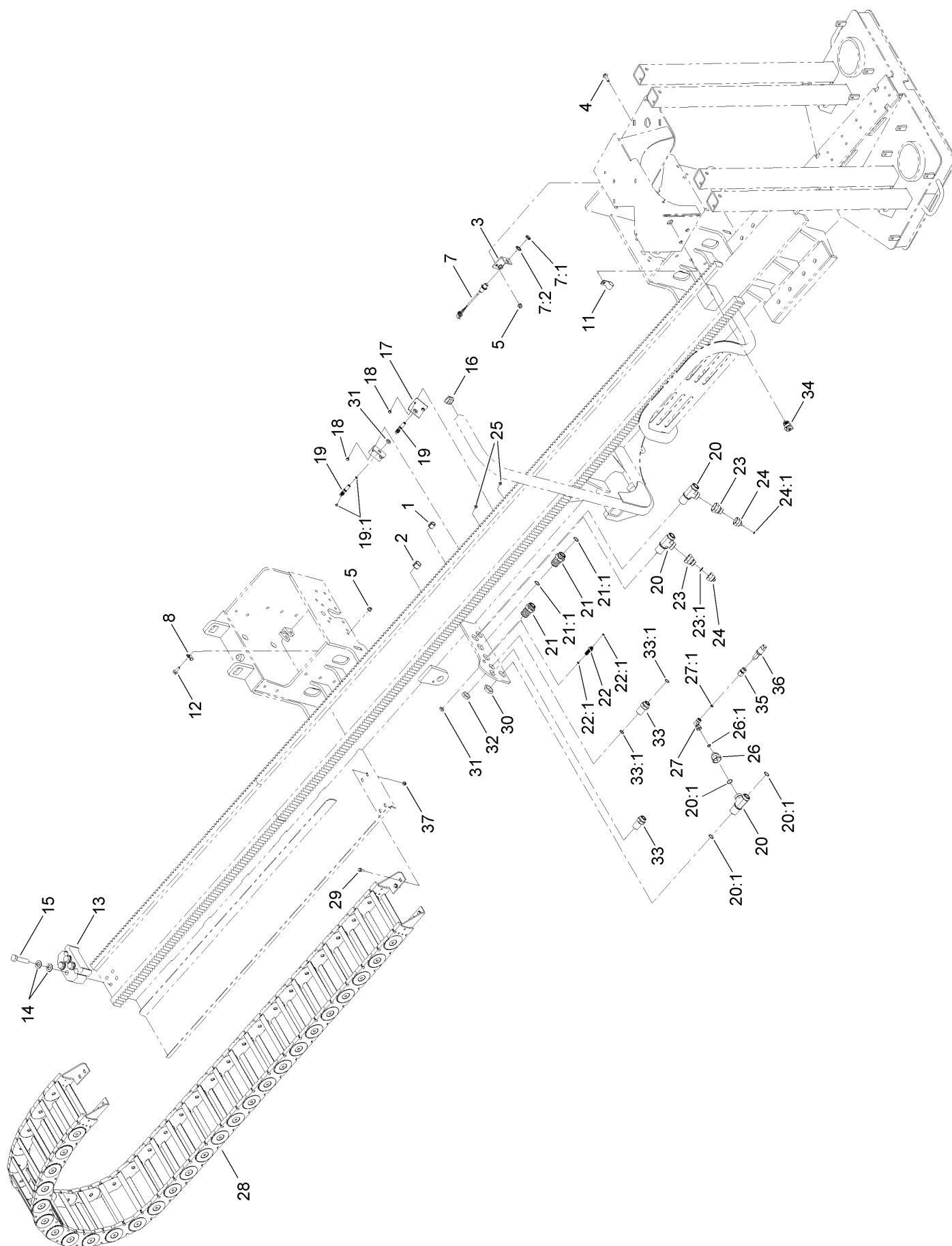
Hydraulic Cylinder Assembly No. AU116296 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HC40017-1	1	Seal Kit
1:1		1	Ring-Bearing ●
1:2		1	Teflon Seal ASM ●
1:3		1	O-Ring ●
1:4		1	O-Ring ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	Washer-Backup ●
1:6		1	Cup-U ●
1:7		1	O-Ring ●
1:8		1	Wiper ●

● Not serviced separately

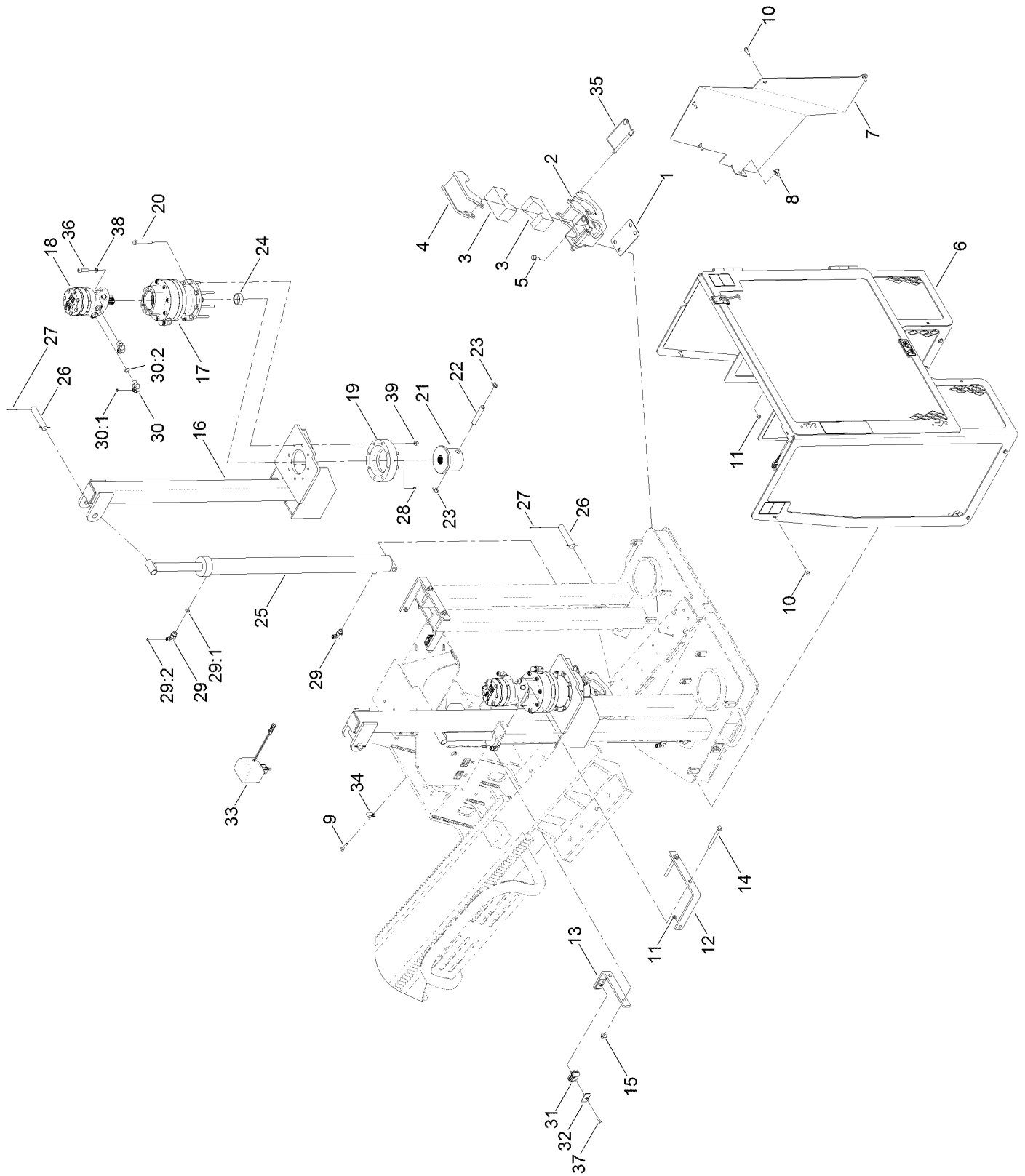
Thrust Frame Hose Carrier Assembly



Thrust Frame Hose Carrier Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU109676	4	Bushing-Spring	22	94-1444	1	Union-Bulkhead
2	AU125808	2	Bushing-Spring	22:1	237-21	2	O-Ring
3	121-7532	1	Bracket-Switch	23	AU8OA81216	2	Fitting-Reducer
4	33105-035	2	Screw-HHF	23:1	237-58	1	O-Ring
5	103-9511	3	Nut-Lock, NI	24	AU8OA80412	2	Fitting-Reducer
7	115-5300	1	Proximity Switch ASM	24:1	237-21	1	O-Ring
7:1	117-3207	2	Nut-Hex	25	81-0130	4	Nut-Flange, NI
7:2	117-3208	2	Washer-Lock, Internal Tooth	26	AU8OA80816	1	Fitting-Reducer
8	2412-138	1	R-Clamp	26:1	237-30	1	O-Ring
11	2412-71	1	Clamp-R	27	94-6031	1	Fitting-HYD
12	33105-030	1	Screw-HHF	27:1	237-30	1	O-Ring
13	AU32GB2011-03	1	Stop-Carriage, Rear Frame	28	AU119010	1	Carrier-Hose, 36 Links
14	AU496-11081	8	Washer	29	33104-025	4	Screw-HHF
15	AU426-1256	4	Screw-HH	30	340-128	5	Nut-Bulkhead
16	AU8PP92001	1	Cap-Square, Plastic	31	340-78	3	Nut-Lock
17	AU124863-03	2	Plate-Mount	32	340-126	2	Nut-Bulkhead
18	33103-020	4	Screw-HHF	33	94-2637	2	Fitting-HYD
19	AU8OR90404	2	Fitting-Tee	33:1	237-58	2	O-Ring
19:1	237-21	3	O-Ring	34	109-9376	1	Receptacle-12V
20	AU8OR91616	3	Fitting-Tee, Bulkhead	35	127-0887	1	Fitting-Straight
20:1	340-65	3	O-Ring	36	125-6578	1	Transducer-6000 PSI (W/Isolator)
21	106-0060	2	Adapter-HYD	37	104-3082	4	Nut-Lock, HHF
21:1	340-65	2	O-Ring				

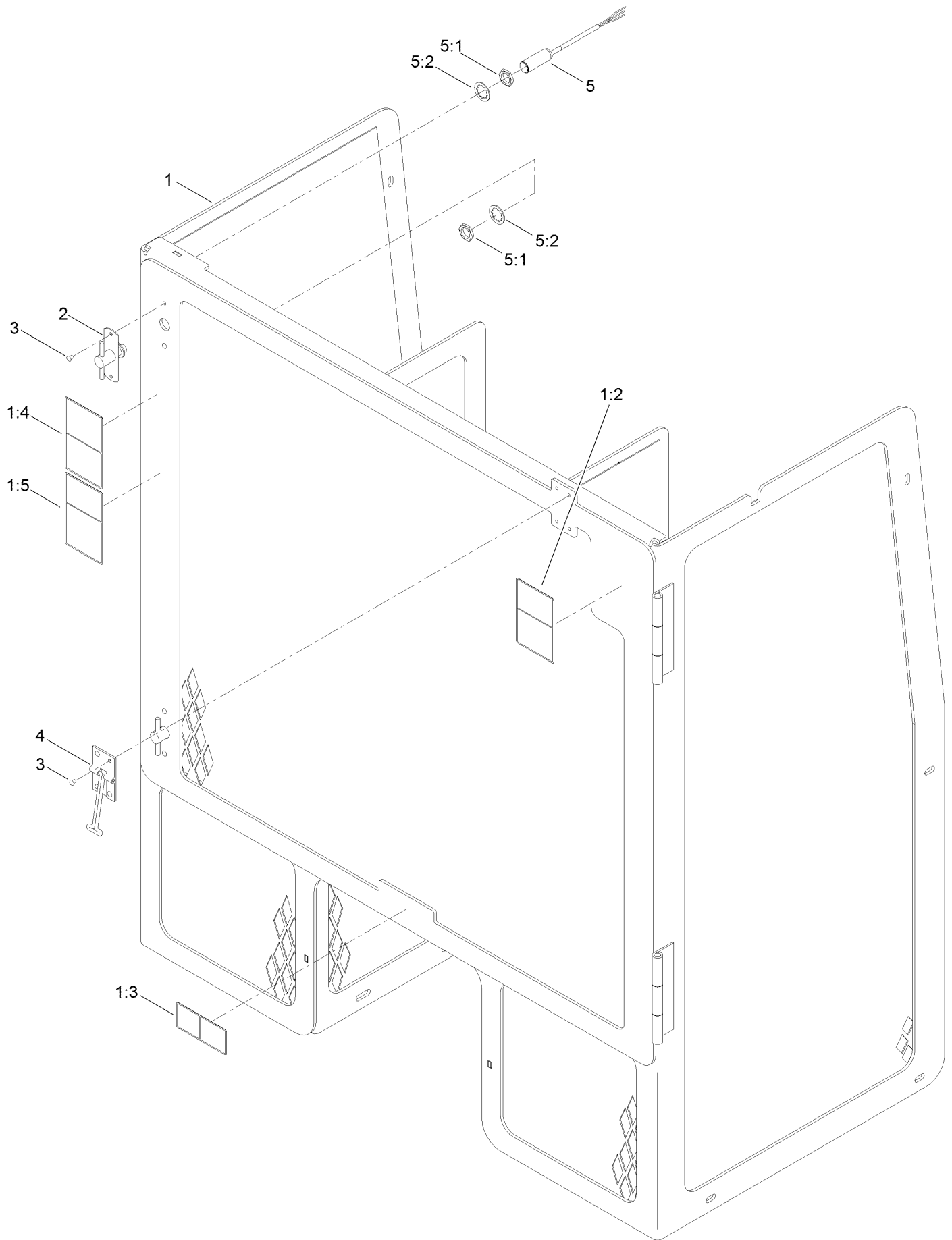
Planetary, Rod Guide and Stakedown Cage Assembly



Planetary, Rod Guide and Stakedown Cage Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU123409	2	Plate-Shim, Bushing Guide	23	AU8SR16001	4	Ring-Retaining, E-Type
2	AU115589-03	2	Guide-Rod, Lower	24	AU32GB7509-03	2	Spacer-Tube
3	AU119095	2	Bushing-Guide, Rod	25	AU8HC25036	2	HYD Cylinder ASM
4	AU115588-03	2	Guide-Rod, Upper	26	AU32GB7522	4	Pin-Bar
5	33106-030	8	Screw-HHF	27	3272-15	8	Pin-Cotter
6	125-6512	1	Stakedown Cage ASM	28	302-57	2	Fitting-Grease
7	AU122462-03	1	Plate-Guard	29	340-18	4	Fitting-HYD, 90 DEG
8	AU100862	3	Nut-U	29:1	237-79	1	O-Ring
9	33104-035	3	Screw-HHF	29:2	237-22	1	O-Ring
10	33104-030	11	Screw-HHF	30	340-130	4	Fitting-Elbow 90
11	104-3082	11	Nut-Lock, HHF	30:1	237-22	1	O-Ring
12	AU124995-03	2	Plate-Mount, Stakedown	30:2	237-80	1	O-Ring
13	AU122788-03	2	Bracket ASM	31	AU8CL21704	2	Clamp-Half (Set Of 2)
14	AU100357	4	Screw-HHF	32	AU8CL21201	2	Plate-Cover, Twin
15	115-1115	4	Nut-Lock, HHF	33	122-0144	2	Work Light ASM
16	125-6520-03	2	Stakedown	34	2412-138	1	R-Clamp
17	AU8GB80063	2	Planetary Gearbox ASM	35	127-0897	4	Pin-Lynch
18	AU8HM24048	2	HYD Motor ASM	36	AU864-12040	8	Screw-HSH
19	AU32GB7527-03	2	Retainer	37	322-6	2	Screw-HH
20	33105-090	16	Screw-HHF	38	3253-7	8	Washer-Lock
21	AU32GB7526-03	2	Coupler-Auger Drive, Stakedown	39	103-9511	16	Nut-Lock, NI
22	AU32GB7507	2	Pin-Bar, Auger Coupler				

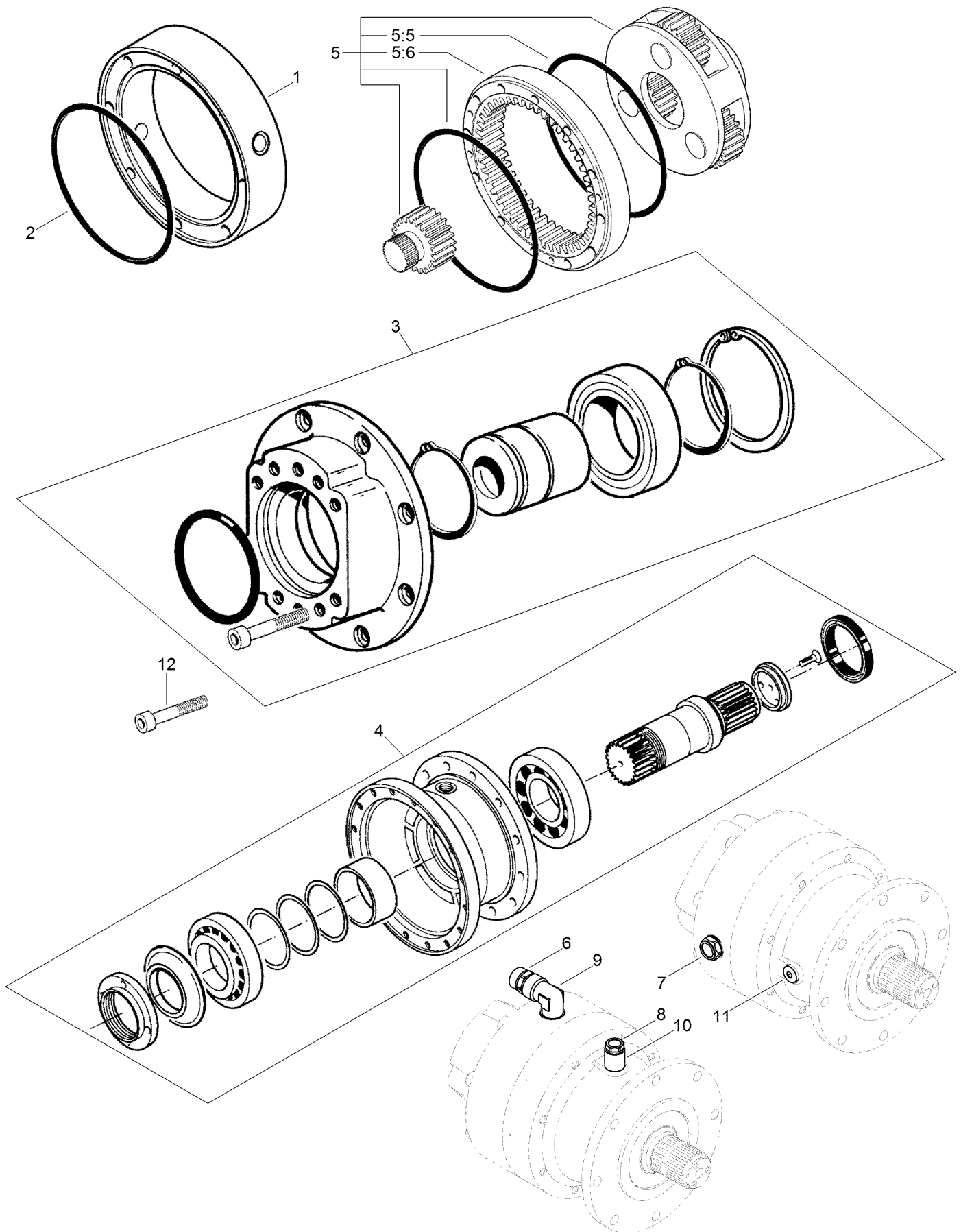
Stakedown Cage Assembly No. 125-6512



Stakedown Cage Assembly No. 125-6512 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0875	1	Stakedown Cage ASM	2	AUL102515	2	Latch
1:2	125-6131	2	Decal-Danger, Hazardous Area	3	1-803035	8	Rivet-Pop
1:3	125-6119	1	Decal-Danger, Entanglement	4	AU114618	1	Latch-Retaining
1:4	125-6126	1	Decal-Warning, Entanglement	5	115-5300	1	Proximity Switch ASM
1:5	125-6114	1	Decal-Danger, Impact Hazard	5:1	117-3207	2	Nut-Hex
				5:2	117-3208	2	Washer-Lock, Internal Tooth

Planetary Gearbox Assembly No. AU8GB80063

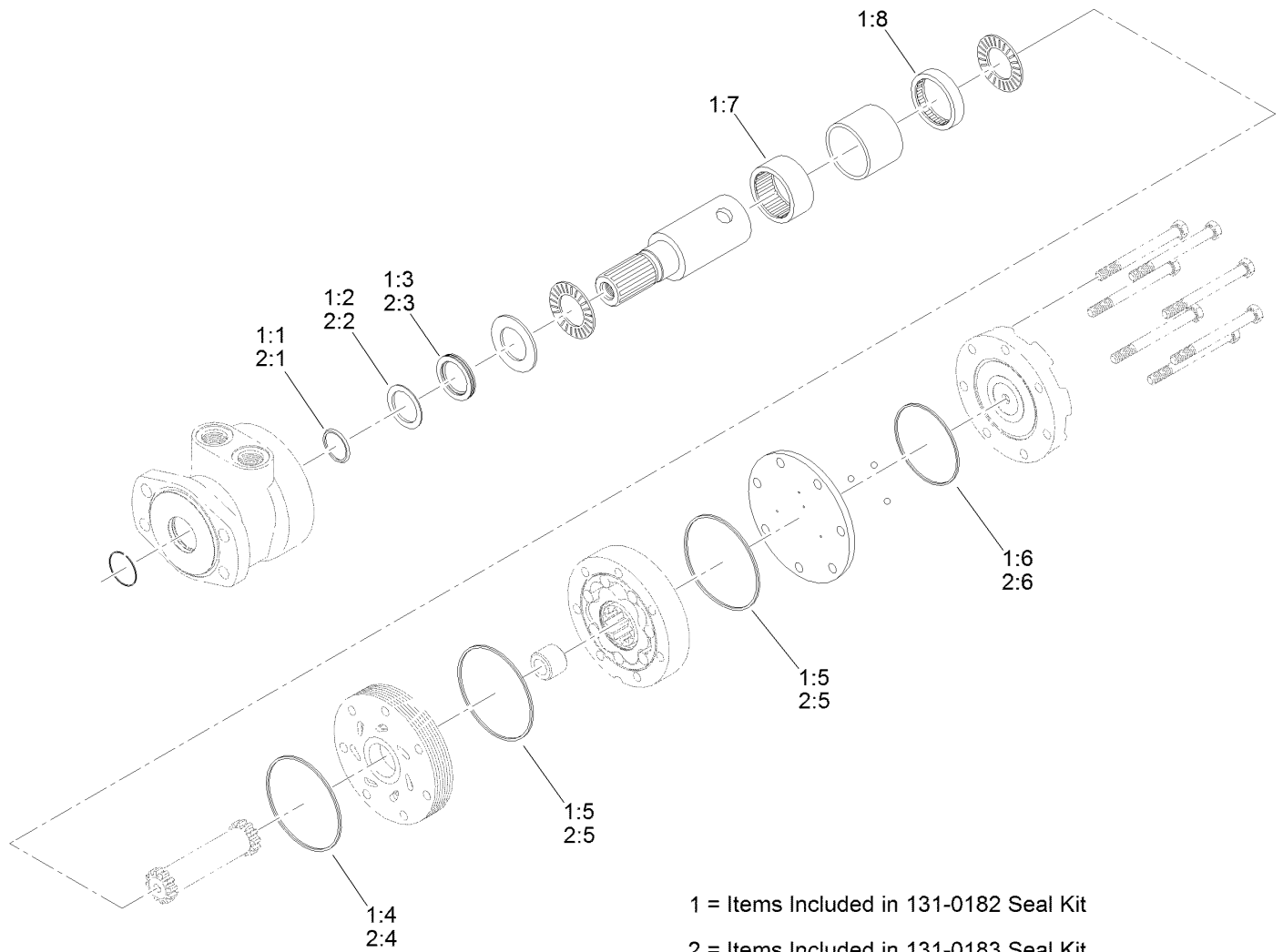


Planetary Gearbox Assembly No. AU8GB80063 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	133-9500	1	Spacer-Ring
2	133-9504	1	O-Ring
3	133-9505	1	Hydraulic Motor Adapter Kit
4	136-6875	1	Shaft-Splined, Output
5	136-6874	1	Reduction Stage Kit
5:5	133-9504	2	O-Ring
5:6	133-9503	1	Ring-Toothed
6	136-6892	1	Valve-Breather

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	136-6893	1	Plug-Level
8	136-6894	1	Plug-Magnetic
9	136-6895	1	Elbow-90 DEG
10	136-6896	1	Extension Pipe With Washer Kit
11	136-6897	1	Plug And Washer Kit
12	133-9506	8	Screw

Hydraulic Motor Assembly No. AU8HM24048



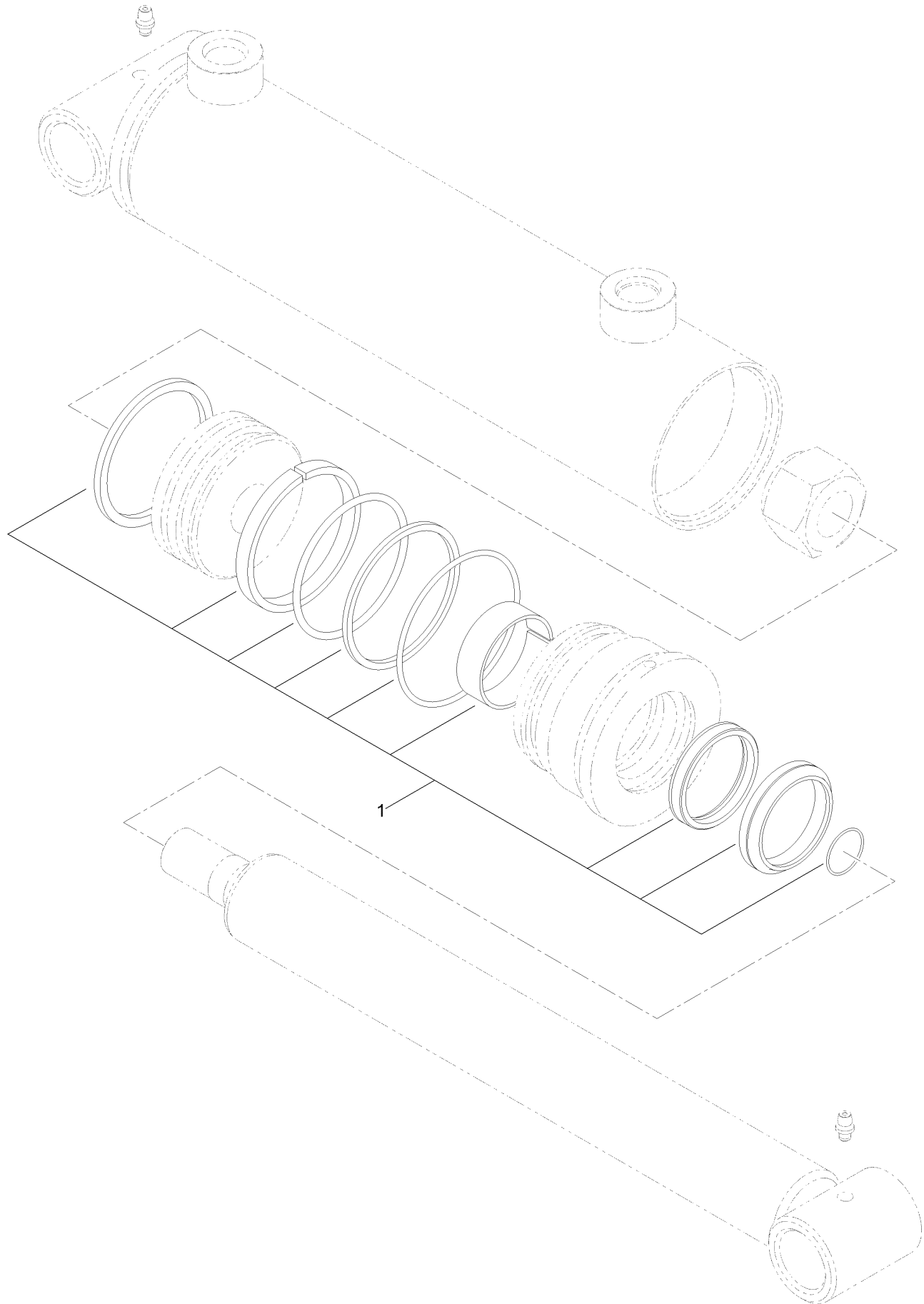
Hydraulic Motor Assembly No. AU8HM24048 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0182	1	Seal Kit
1:1		1	Seal-Excluder ●
1:2		1	Seal-Backup ●
1:3		1	Seal-Shaft ●
1:4		1	Seal-Housing ●
1:5		2	Seal-Body ●
1:6		1	Seal-Endcover ●
1:7		1	Bearing-Housing, Front ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:8		1	Bearing-Housing, Rear ●
2	131-0183	1	Seal Kit
2:1		1	Seal-Excluder ●
2:2		1	Seal-Backup ●
2:3		1	Seal-Shaft ●
2:4		1	Seal-Housing ●
2:5		2	Seal-Body ●
2:6		1	Seal-Endcover ●

● Not serviced separately

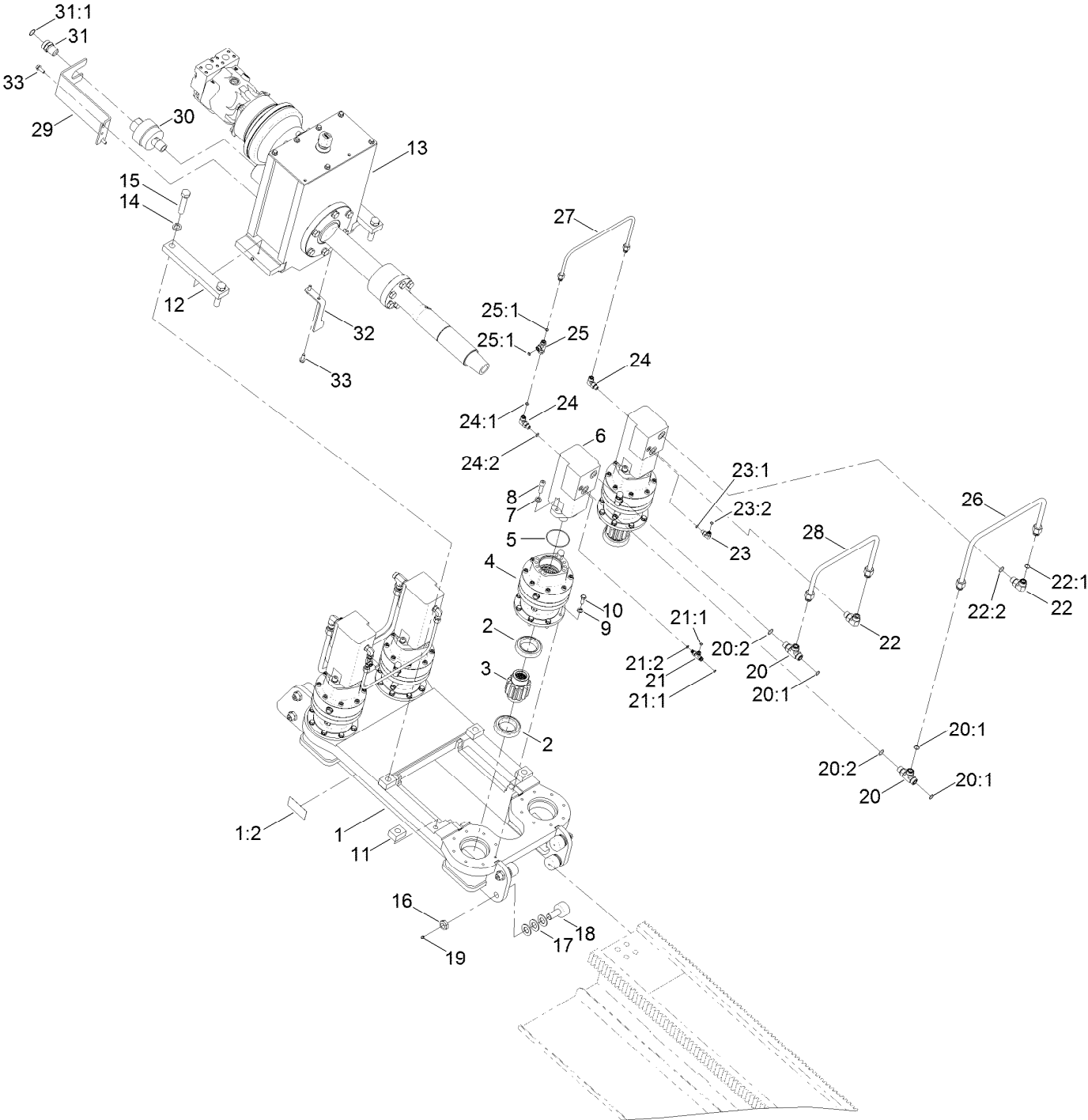
Hydraulic Cylinder Assembly No. AU8HC25036



Hydraulic Cylinder Assembly No. AU8HC25036 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HC25036-1	1	Seal Kit

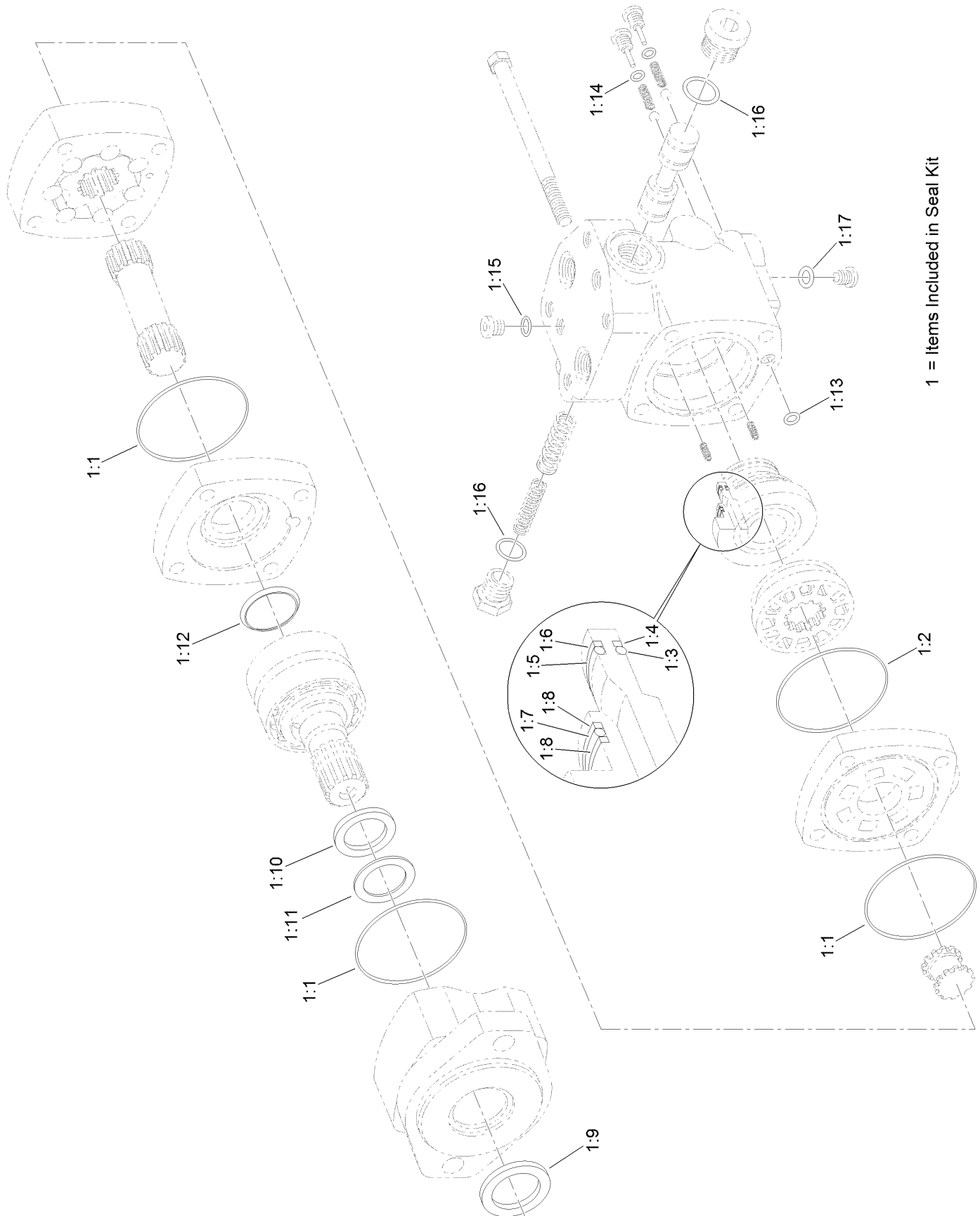
Carriage and Rotary Assembly



Carriage and Rotary Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0934	1	Carriage ASM	21:2	237-78	1	O-Ring
1:2	125-6110	2	Decal-Danger, Crushing	22	340-17	4	Fitting-Elbow 90
2	AU8CF40005	8	Bearing-Ball, Radial	22:1	237-65	1	O-Ring
3	AU32GB4020	4	Pinion-Drive, Carriage	22:2	237-80	1	O-Ring
4	AU8GB80063	4	Planetary Gearbox ASM	23	340-132	2	Fitting-90 DEG
5	AU8HS51152	4	O-Ring	23:1	237-78	1	O-Ring
6	AU115604	4	HYD Motor ASM	23:2	237-21	1	O-Ring
7	3253-7	8	Washer-Lock	24	340-77	4	Fitting-Elbow 90
8	AU864-12040	8	Screw-HSH	24:1	237-22	1	O-Ring
9	3253-6	32	Washer-Lock	24:2	237-42	1	O-Ring
10	33115-030	32	Screw-HH	25	340-115	2	Fitting-Tee, Swivel Nut
11	AU32GB4022-03	4	Spacer-Clamp, Carriage	25:1	237-22	2	O-Ring
12	AU32GB4021-03	2	Clamp-Rotary Box, Carriage	26	AU119410	2	Tube-HYD, 5/8 In (Motor To Motor)
13	AU117215-03	1	Rotary ASM	27	AU119452	2	Tube-HYD, 3/8 In (Case Drain Motor To Motor)
14	3253-9	4	Washer-Lock	28	AU119409	2	Tube-HYD, 5/8 In (Motor To Motor)
15	AU426-1256	4	Screw-HH	29	AU32GB4475-03	1	Bracket-Swivel, Mud
16	3296-60	8	Nut-Lock, NI	30	AU32GB4210	1	Swivel-Mud
17	AU496-11094	24	Washer	31	AU8OA11616	1	Fitting-Straight
18	AU8CF30032	8	Bearing-Follower, Cam	31:1	340-65	1	O-Ring
19	302-63	8	Fitting-Grease, Zerk	32	AU121312-03	1	Plate-Trigger, Proximity
20	340-22	4	Fitting-Tee	33	3234-42	4	Screw-HHF
20:1	237-65	2	O-Ring				
20:2	237-80	1	O-Ring				
21	340-140	2	Fitting-Tee				
21:1	237-21	2	O-Ring				

Hydraulic Motor Assembly No. AU115604



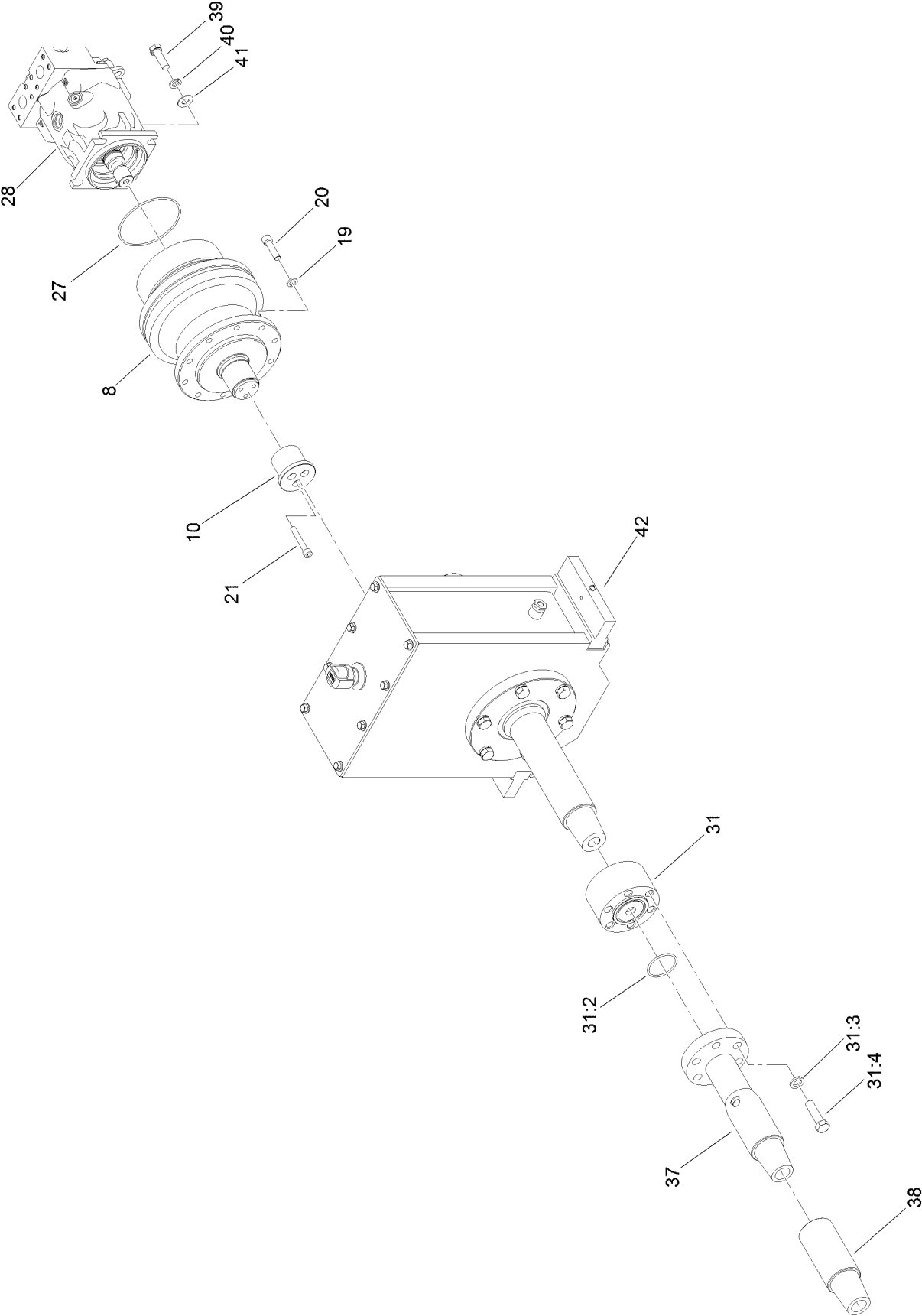
1 = Items Included in Seal Kit

Hydraulic Motor Assembly No. AU115604 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-6212	1	Seal Kit	1:9		1	Seal ●
1:1		3	O-Ring ●	1:10		1	Seal ●
1:2		1	O-Ring ●	1:11		1	Washer-Backup ●
1:3		1	O-Ring ●	1:12		1	Seal-Shaft Face ●
1:4		1	Ring-Backup ●	1:13		1	Seal ●
1:5		1	O-Ring ●	1:14		3	O-Ring ●
1:6		1	Ring-Backup ●	1:15		1	O-Ring ●
1:7		1	O-Ring ●	1:16		2	O-Ring ●
1:8		2	Ring-Backup ●	1:17		1	O-Ring ●

● Not serviced separately

Rotary Assembly No. AU117215-03

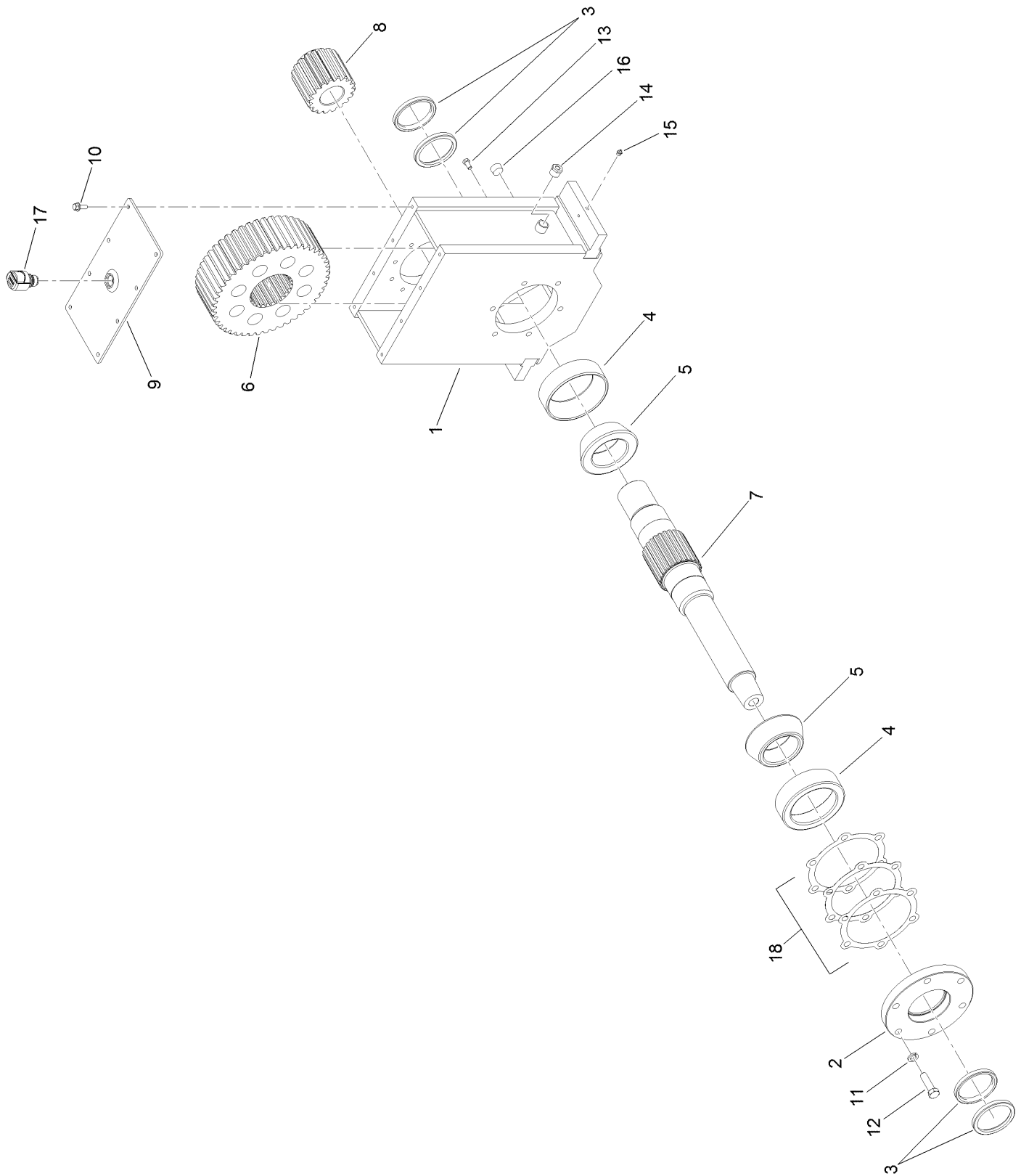


Rotary Assembly No. AU117215-03 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	AU8GB80064	1	Planetary Gearbox ASM
10	AU32GB4461	1	Cap-Pinion, Rotary
19	3253-7	10	Washer-Lock
20	AU864-12045	10	Screw-HSFH
21	AU8SH95365	3	Screw-HSH
27	104-1920	1	O-Ring
28	AU8HM50016	1	HYD Motor ASM
31	AU114322	1	Spindle ASM
31:2	AU114286	1	O-Ring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
31:3	69-8420	6	Washer-Lock
31:4	AU120624	6	Screw-HH
37	AU119350	1	Adapter-Flange
38	AU119351	1	Saver ASM
39	AU814-14045	4	Screw-HH
40	AU892-11014	4	Washer
41	69-8980	4	Washer
42	136-8816	1	Rotary Box ASM

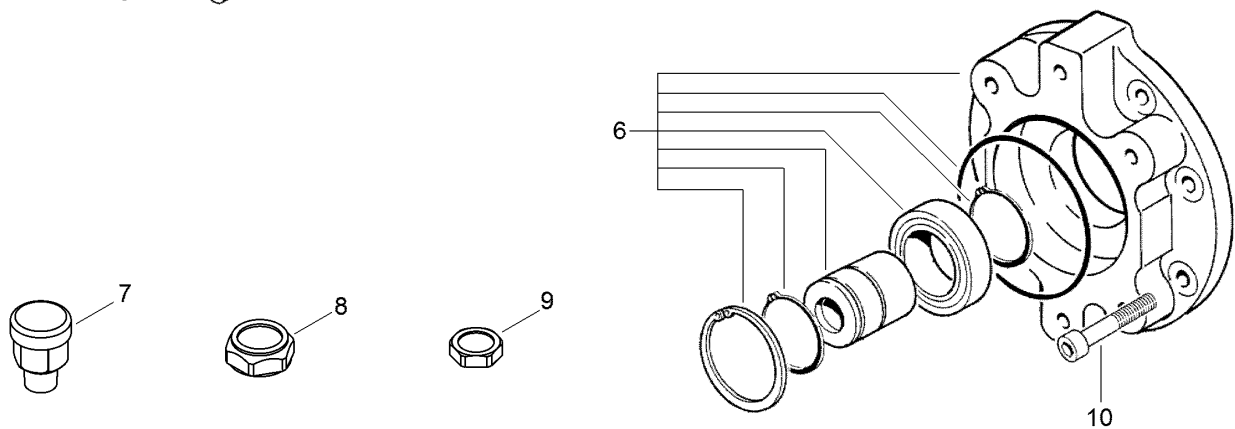
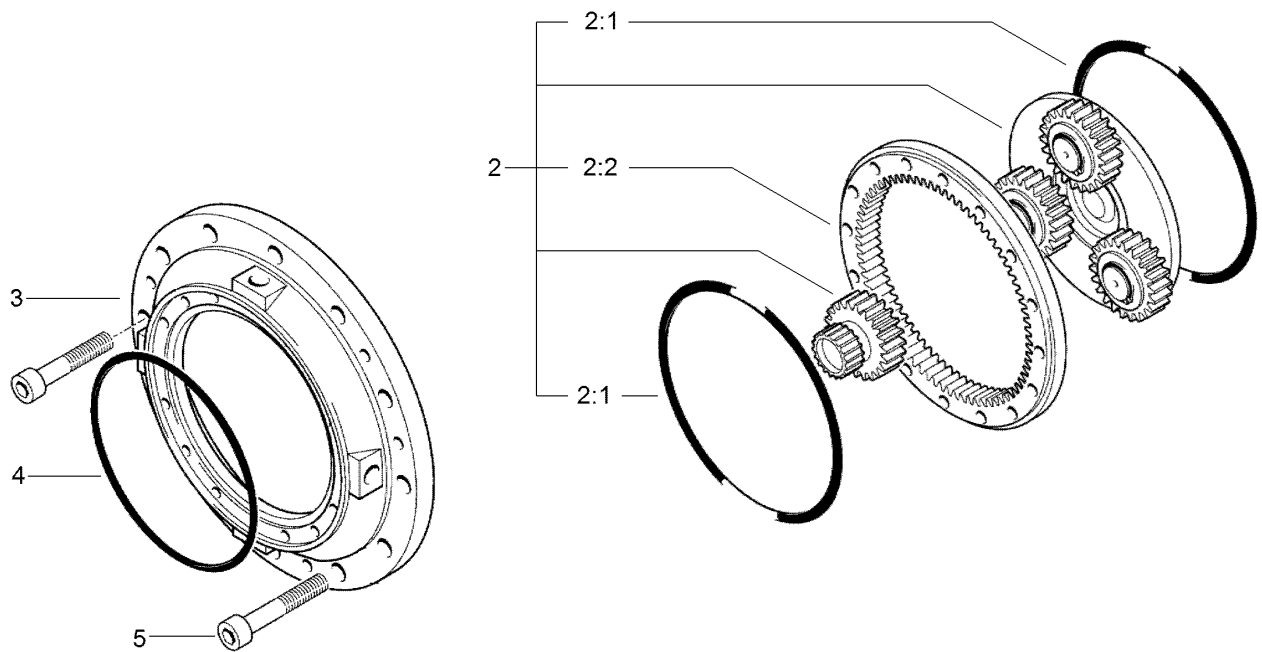
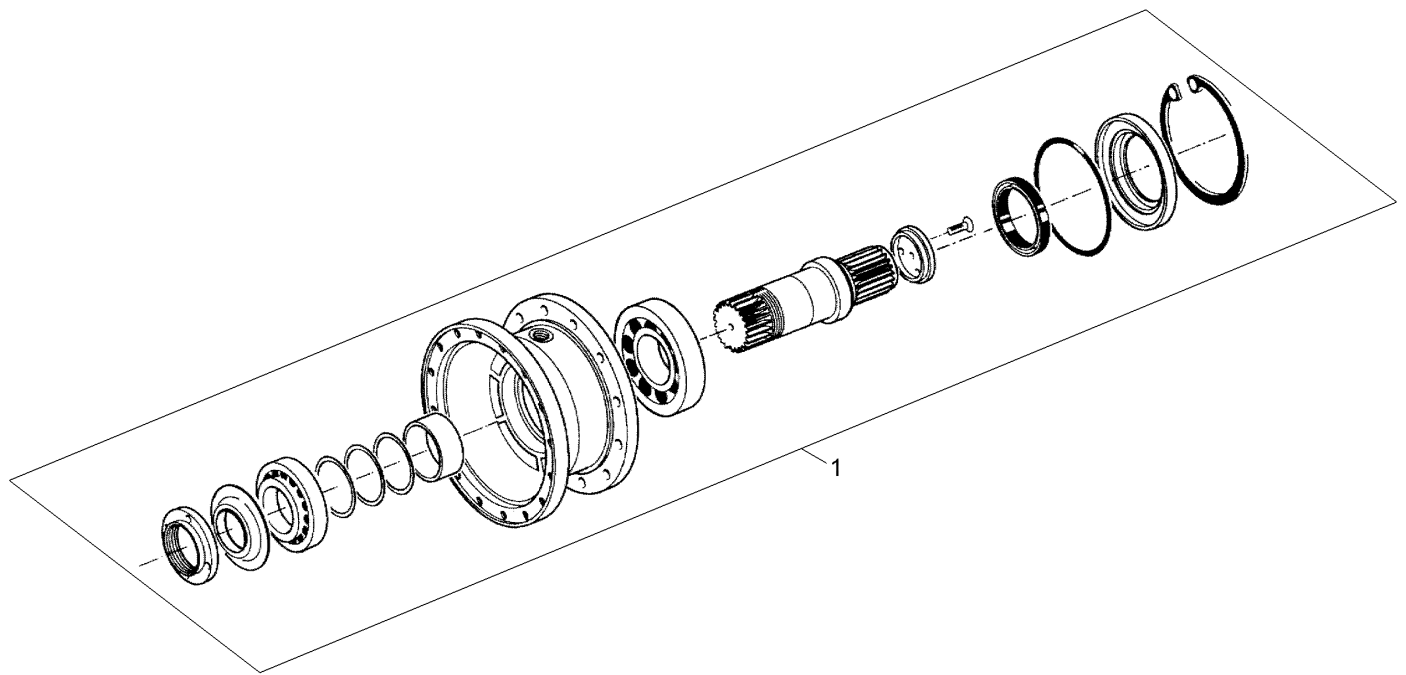
Rotary Box Assembly No. 136-8816



Rotary Box Assembly No. 136-8816 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-6144	1	Box-Rotary	11	3253-23	6	Washer-Lock/Sp
2	AU32GB4412	1	Cap-Bearing, Rotary	12	AU8HH51510	6	Screw-HH
3	AU8HS13033	4	Seal-Shaft	13	323-4	2	Screw-HH
4	AU8CF63007	2	Cup-Bearing	14	AU8PP70008	1	Plug-Site, Glass
5	AU8CF63008	2	Cone-Bearing	15	302-52	2	Fitting-Grease
6	AU32GB4465	1	Gear-Ring, Rotary	16	AU8PP75012	1	Plug-Magnetic, Hex
7	AU32GB4420	1	Spindle-Rotary	17	115-9793	1	Breather
8	AU32GB4460	1	Pinion-Rotary	18	AU8SM00502	3	Shim-Bearing Adjust (.005)
9	130-4512	1	Rotary Box Cover	18	AU8SM00702	2	Shim-Bearing Adjust (.007)
10	3234-42	6	Screw-HHF	18	AU8SM02002	1	Shim-Bearing Adjust (.020)

Planetary Gearbox Assembly No. AU8GB80064

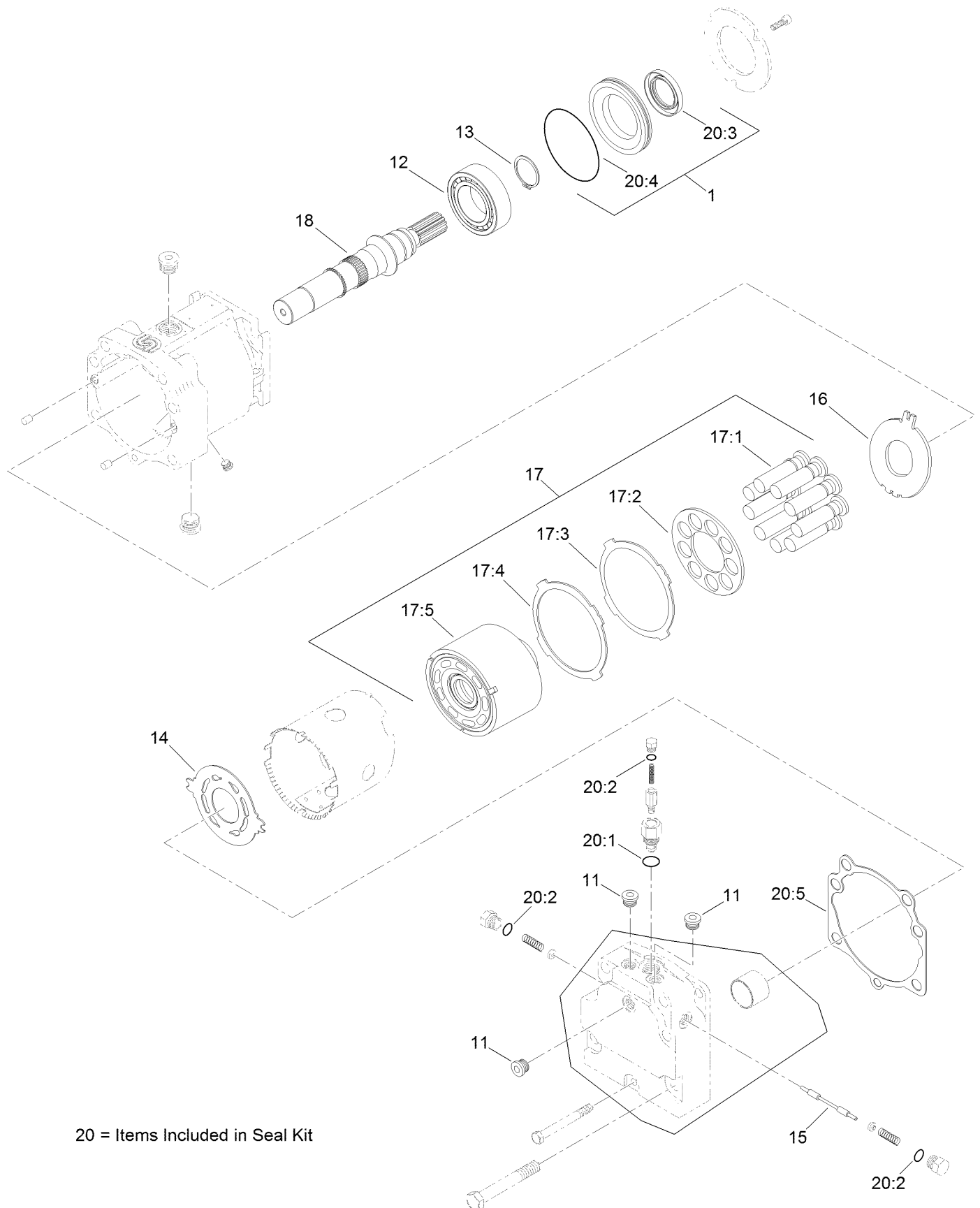


Planetary Gearbox Assembly No. AU8GB80064 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	136-6900	1	Output Kit
2	136-6901	1	Reduction Stage Kit
2:1	136-6902	2	O-Ring
2:2	136-6903	1	Ring-Toothed
3	136-6904	1	Cover-Connection
4	133-9504	1	O-Ring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	136-6905	12	Screw
6	136-6906	1	Motor Adapter Kit
7	136-6908	1	Plug-Breather
8	136-6893	1	Plug-Level
9	136-6909	1	Plug-Magnetic
10	136-6907	8	Screw

Hydraulic Motor Assembly No. AU8HM50016



Hydraulic Motor Assembly No. AU8HM50016 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU434335A1	1	Shaft Seal Kit	17:3	131-7647	1	Retainer-Guide, Slipper
11	125-5300	1	Plug ASM	17:4	131-7648	1	Shim-Retainer, Slipper Guide
12	130-4582	1	Bearing-Roller	17:5		1	Cylinder Block ASM ●
13	130-4583	1	Ring-Retaining	18	131-7635	1	Shaft
14	131-7398	1	Plate-Valve	20	131-8630	1	Overhaul Seal Kit
15	131-7399	1	Spool-Shuttle	20:1	28-3570	1	O-Ring
16	131-7604	1	Plate-Thrust	20:2	131-8631	3	O-Ring
17	131-7627	1	Cylinder Block Kit W/ Speed Ring	20:3		1	Lip Seal ●
17:1	131-7609	9	Piston-Welded	20:4		1	O-Ring ●
17:2	131-7649	1	Guide-Slipper	20:5		1	Gasket-Cap, End ●

● Not serviced separately

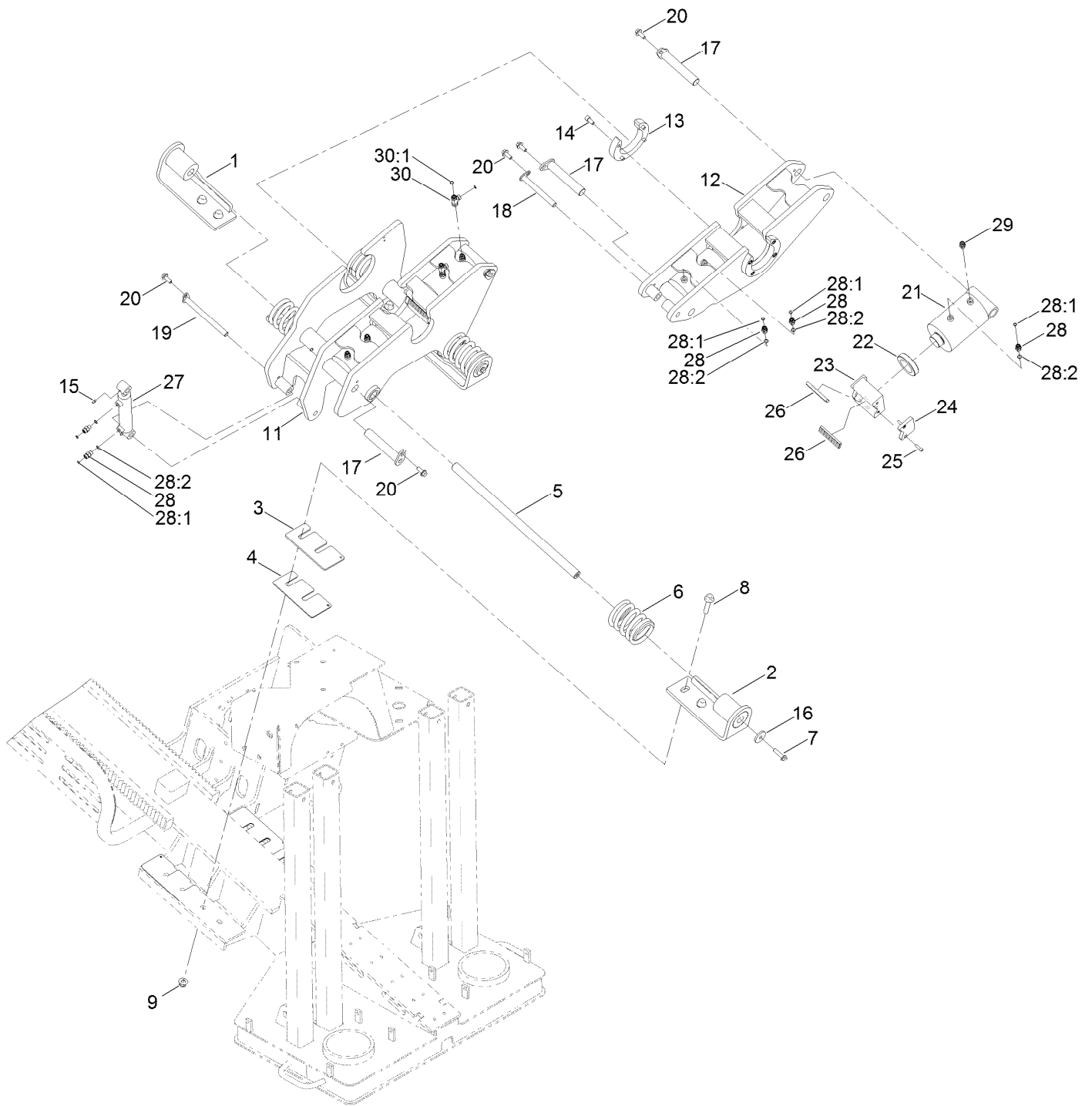
Carriage Guard and Mounting Assembly



Carriage Guard and Mounting Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119407	1	Tube-HYD, Rotary B (Bulkhead To Motor)	14:1	237-75	2	O-Ring
2	AU119408	1	Tube-HYD, Rotary A (Bulkhead To Motor)	15	340-161	1	Fitting-Bulkhead
3	AU8OL91616	2	Fitting-Elbow, 90	15:1	237-30	2	O-Ring
3:1	340-65	2	O-Ring	15:2	340-127	1	Nut-Bulkhead
4	AU8OR91616	2	Fitting-Tee, Bulkhead	16	340-104	1	Fitting-HYD, Tee
4:1	340-65	3	O-Ring	16:1	237-30	2	O-Ring
5	AU8OA80616	2	Fitting-Reducer	17	130-4501	1	Carriage Guard ASM
5:1	237-22	1	O-Ring	17:2	125-6107	2	Decal-Warning, Crushing
6	AU8OA81016	2	Fitting-Reducer	18	340-142	1	Fitting-Elbow 90
6:1	237-65	1	O-Ring	18:1	237-58	1	O-Ring
7	340-167	2	Fitting-HYD, Tee	18:2	237-81	1	O-Ring
7:1	237-65	2	O-Ring	19	AU114285A1	2	HYD Flange Kit
8	106-0060	1	Adapter-HYD	19:1	121-3904	1	O-Ring
8:1	340-65	2	O-Ring	19:2	3253-6	4	Washer-Lock
9	92-7645	1	Fitting-Swivel, 90 DEG	19:3	AU113-372	4	Screw-HH
9:1	340-65	1	O-Ring	22	340-128	5	Nut-Bulkhead
10	104-3779	1	Connector-Swivel, Straight	23	AU8OA91212	1	Fitting-Straight
10:1	237-42	1	O-Ring	23:1	237-58	1	O-Ring
11	AU8HV61011	1	Valve-Relief, Pressure	23:2	237-81	1	O-Ring
11:1	AU8HV61011-1	1	Cartridge-Relief	24	340-126	1	Nut-Bulkhead
11:2	AU8HV61011-2	1	Seal Kit	25	340-78	1	Nut-Lock
12	340-2	1	Fitting-Straight	26	AU118010-03	1	Mount-Hose Carrier, Rotary
12:1	237-22	1	O-Ring	27	3234-42	5	Screw-HHF
12:2	237-42	1	O-Ring	28	33104-025	8	Screw-HHF
13	94-1444	1	Union-Bulkhead	29	104-3082	8	Nut-Lock, HHF
13:1	237-21	2	O-Ring	30	103-7706	2	Grommet
14	340-151	1	Fitting-HYD	31	AU119009-03	1	Plate-Support, Guard
				32	3253-6	8	Washer-Lock

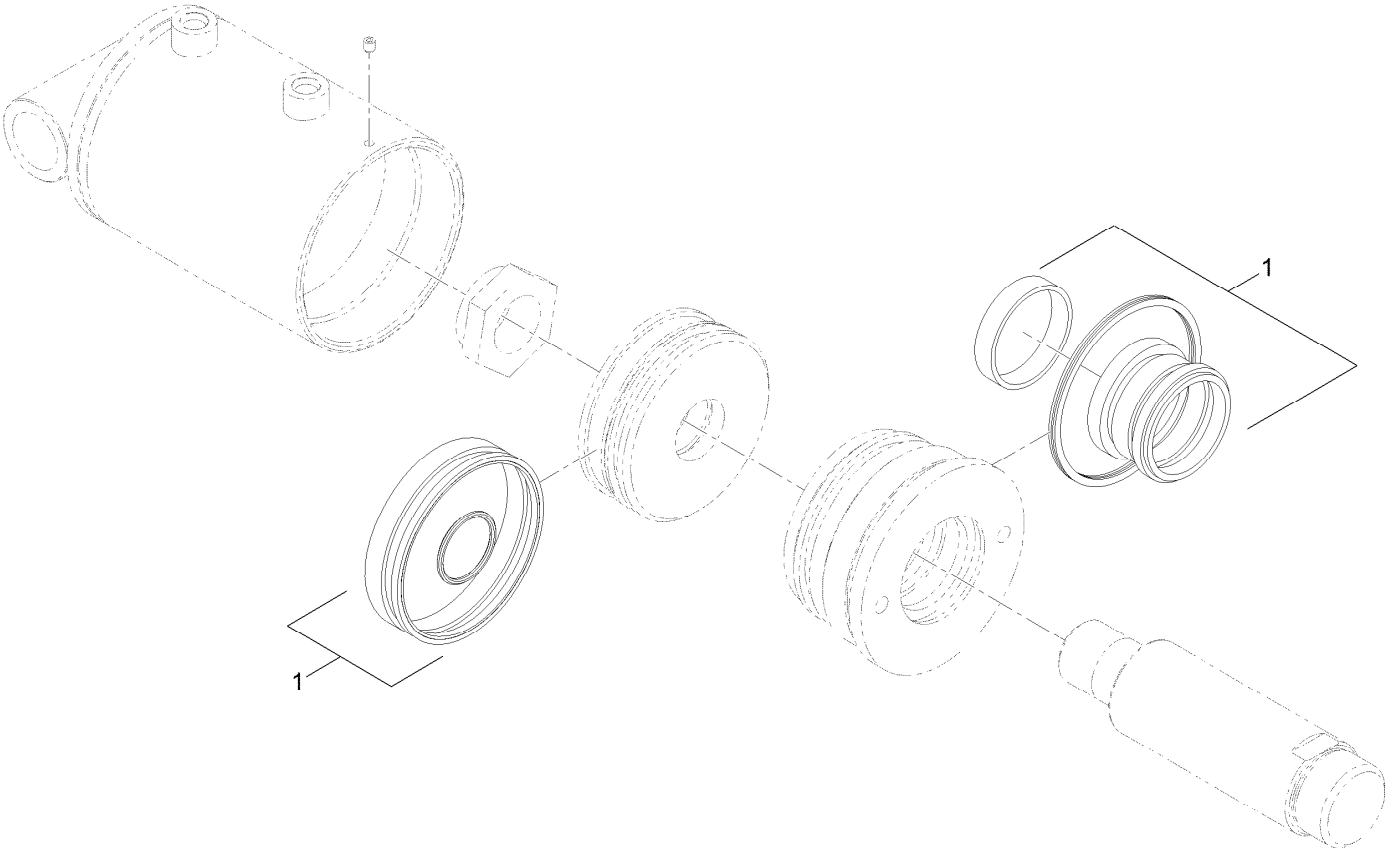
Front Wrench Assembly



Front Wrench Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU123857-03	2	Bracket-Mounting, Wrench	18	AU32GB6225	1	Pin-Retainng
2	AU123858-03	2	Bracket-Mounting, Wrench	19	AU32GB6226	1	Pin-Retaining
3	AU123875-03	4	Shim-Plate, Wrench	20	33106-030	6	Screw-HHF
4	AU123846-03	4	Shim-Plate, Wrench	21	AU116939	4	HYD Cylinder ASM
5	AU123860	2	Pin-Wrench	22	AU32GB6010-03	4	Bushing-Cylinder
6	AU123859	4	Spring-Compression	23	AU119049	4	Holder-Die, Wrench
7	AU100348	4	Screw-HHF	24	AU119046-03	8	Retainer-Die, Wrench
8	AU100364	8	Screw-Flange	25	98-5828	16	Screw-HSH
9	AU100529	8	Nut-HHF	26	AU305643	8	Tong-Die
11	130-4505-03	1	Wrench-Front	27	AU8HC10007	1	HYD Cylinder ASM
12	125-6514-03	1	Rear-Wrench	28	340-2	8	Fitting-Straight
13	AU119038-03	2	Guide-Wrench	28:1	237-22	1	O-Ring
14	93-8752	8	Screw-HSH	28:2	237-42	1	O-Ring
15	302-57	6	Fitting-Grease	29	AU126449	2	Fitting-Orifice
16	AU495-81269	4	Washer-Flat	30	340-115	2	Fitting-Tee, Swivel Nut
17	AU119056	4	Pin-W/Flag	30:1	237-22	2	O-Ring

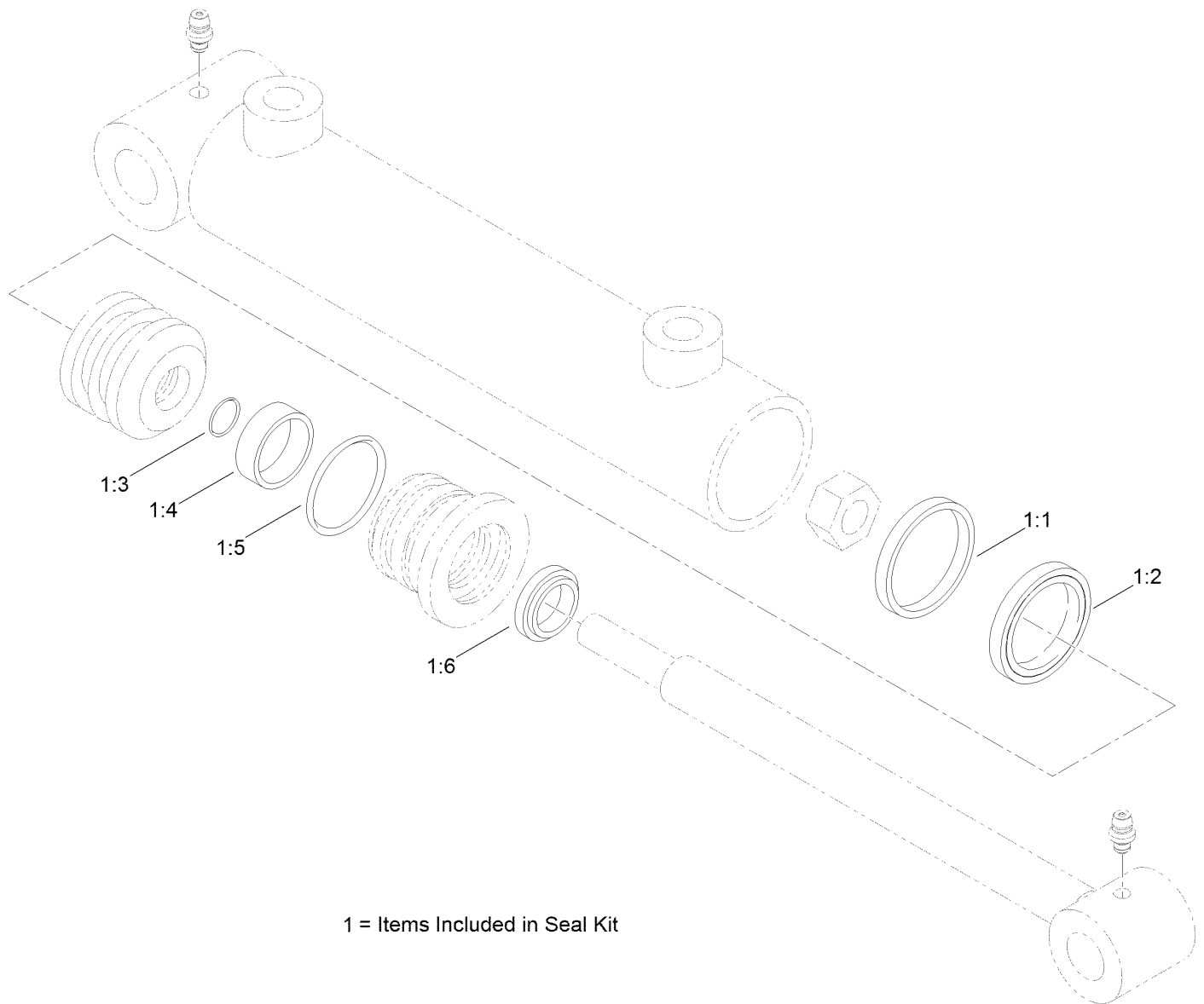
Hydraulic Cylinder Assembly No. AU116939



Hydraulic Cylinder Assembly No. AU116939 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU118200	1	Seal Kit

Hydraulic Cylinder Assembly No. AU8HC10007



1 = Items Included in Seal Kit

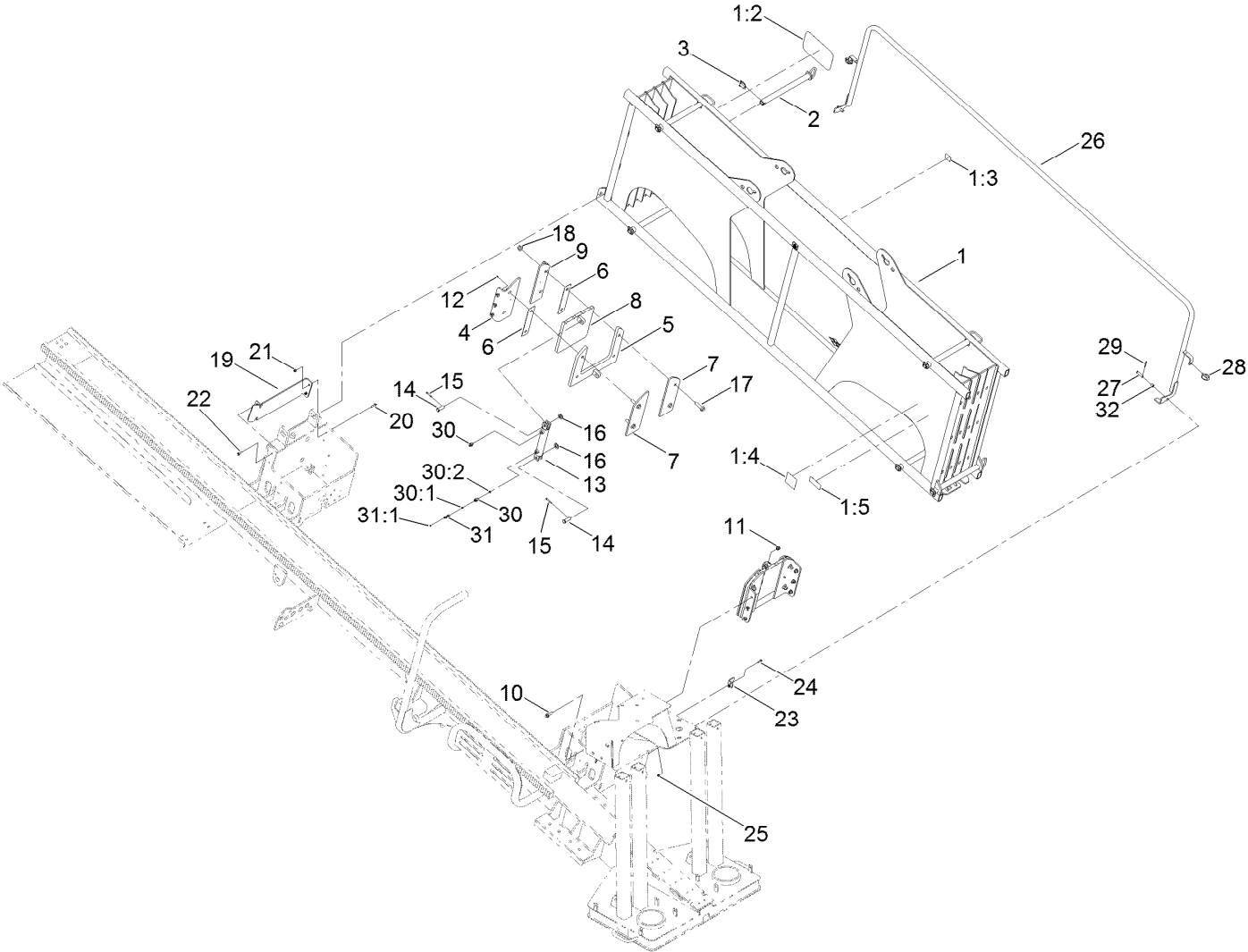
Hydraulic Cylinder Assembly No. AU8HC10007 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HC10007-1	1	Seal Kit
1:1		1	Ring-Wear ●
1:2		1	Seal-Psp ●
1:3		1	O-Ring ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:4		1	O-Ring ●
1:5		1	Seal-Polypak ●
1:6		1	Wiper-Rod ●

● Not serviced separately

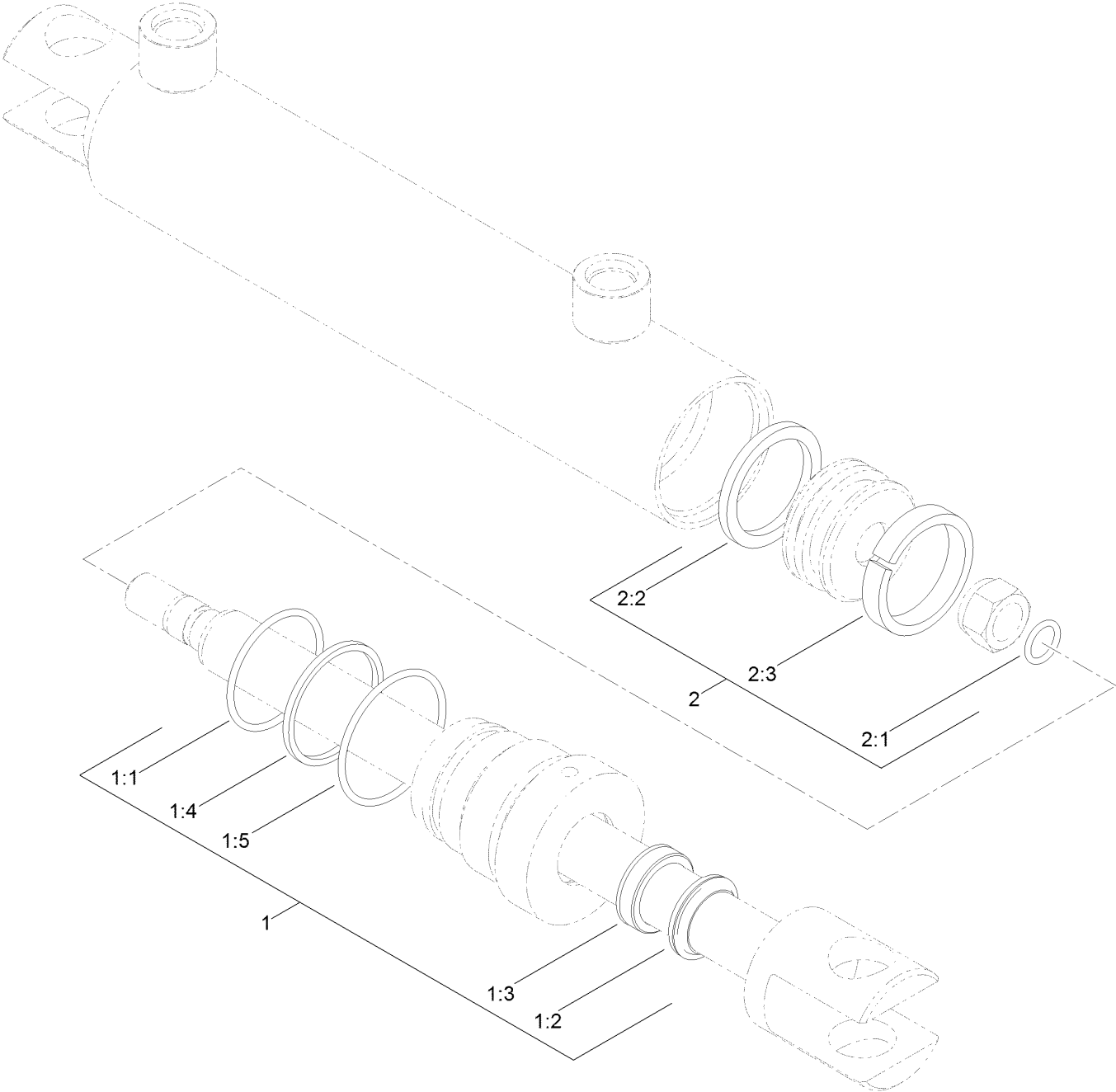
Rod Box Assembly



Rod Box Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0935	1	Rod Box ASM	17	AU100363	8	Screw-HHF
1:2	105-4222	1	Decal	18	AU100529	8	Nut-HHF
1:3	125-6151	2	Decal-Weight, Rod Basket	19	AU118917-03	2	Deflector
1:4	125-6107	1	Decal-Warning, Crushing	20	33104-035	4	Screw-HHF
1:5	125-6119	1	Decal-Danger, Entanglement	21	104-3082	4	Nut-Lock, HHF
2	AU118075-01	6	Pin-Rod Box	22	33104-030	4	Screw-HHF
3	AUD130037	6	Pin-Klik	23	AU119037-03	1	Bracket-Angle, Rod Ldr Guard
4	AU118322-03	2	Plate-Mounting, Elevator	24	33103-025	2	Screw-HHF
5	AU121928-03	2	Plate-Elevator	25	81-0130	2	Nut-Flange, NI
6	AU118323-03	4	Plate-Shim, Elevator	26	AU119031-01	1	Guard
7	AU118325-03	4	Plate-Support, Elevator	27	AU109964	2	Pin-Clevis
8	AU121929-03	2	Mount-Cylinder, Elevator	28	283-71	2	Pin-Lynch
9	AU118326-03	2	Plate-Mounting, Elevator	29	3272-19	2	Pin-Cotter
10	AU100347	12	Screw-HHF	30	340-1	4	Fitting-Str
11	AU100528	12	Nut-HHF, Lock	30:1	237-21	1	O-Ring
12	302-57	4	Fitting-Grease	30:2	237-42	1	O-Ring
13	AU118214	2	HYD Cylinder ASM	31	AU111506	2	Fitting-Straight
14	AUH30262	4	Pin-Clevis	31:1	237-21	1	O-Ring
15	3272-30	4	Pin-Cotter	32	57-4230	1	Spacer-Tubular
16	3256-28	4	Washer-Flat				

Hydraulic Cylinder Assembly No. AU118214



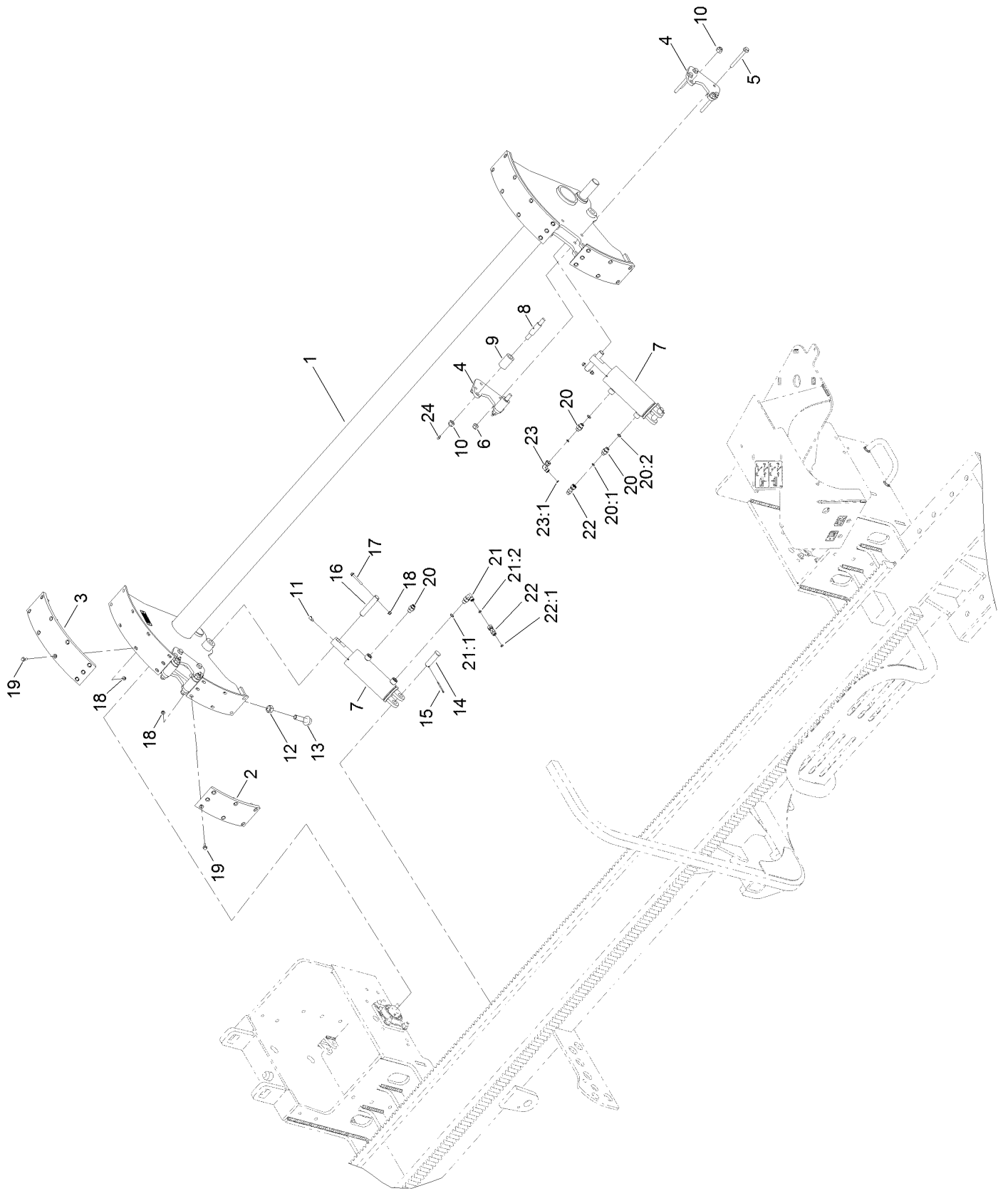
Hydraulic Cylinder Assembly No. AU118214 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0170	1	Gland Seal Kit
1:1		1	O-Ring ●
1:2		1	Seal-Wiper, Rod ●
1:3		1	Seal-Rod ●
1:4		1	Ring-Back Up ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	O-Ring ●
2	131-0171	1	Piston Seal Kit
2:1		1	O-Ring ●
2:2		1	Seal-Psp ●
2:3		1	Ring-Wear ●

● Not serviced separately

Rod Loader Cam Assembly



Rod Loader Cam Assembly (continued)

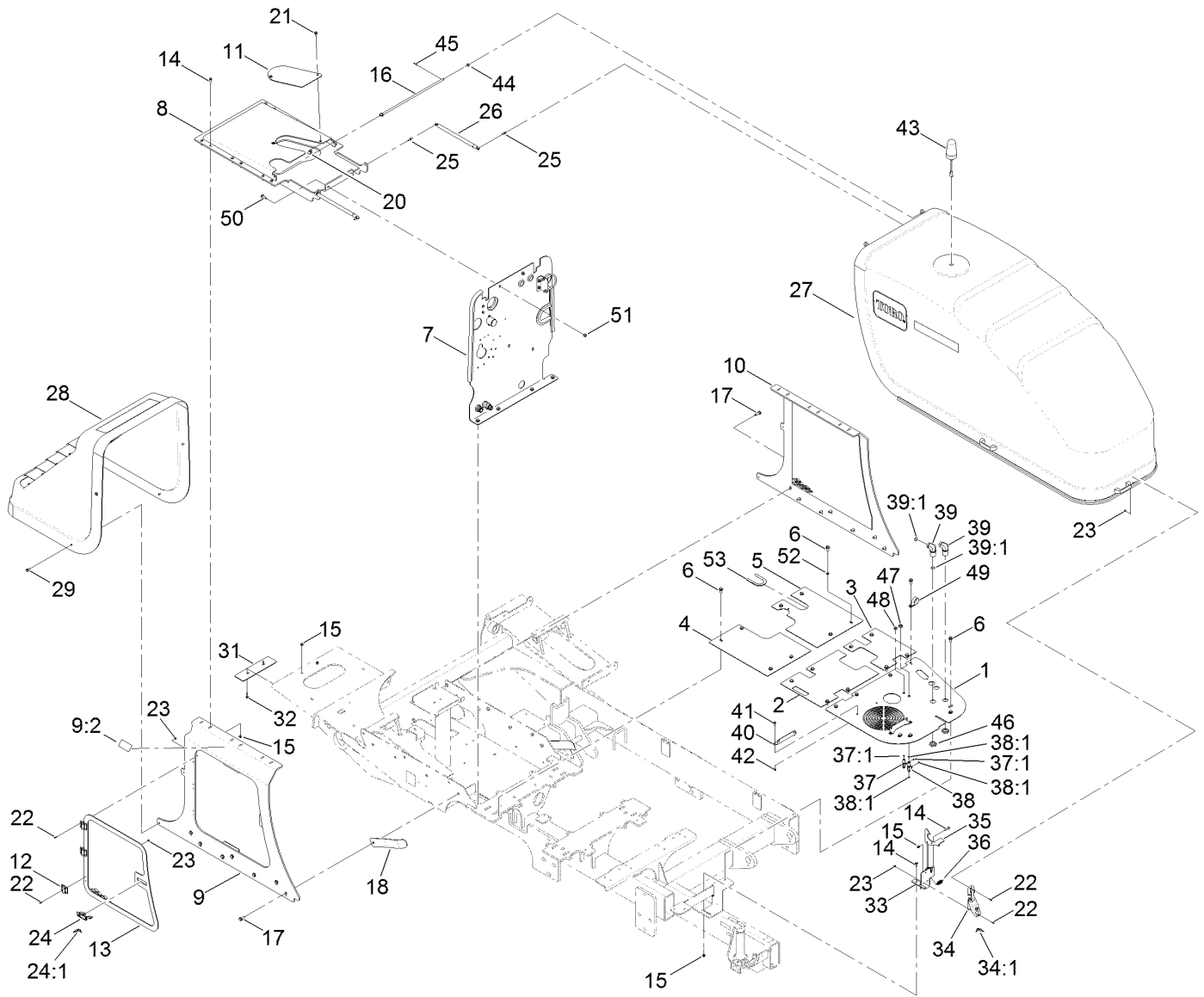
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0139	1	Rod Loader Cam	16	AU117427	2	Pin-Straight
2	AU117305	2	Pad-Wear, Rod Loader (Short)	17	33103-050	2	Screw-HHF
3	AU117284	2	Pad-Wear, Rod Loader (Long)	18	81-0130	34	Nut-Flange, NI
4	AU117358-03	4	Plate-Holder, Pipe	19	33103-025	32	Screw-HHF
5	33105-090	8	Screw-HHF	20	340-1	3	Fitting-Str
6	103-9511	8	Nut-Lock, NI	20:1	237-21	1	O-Ring
7	AU120606	2	HYD Cylinder ASM	20:2	237-42	1	O-Ring
8	AU117339	4	Shaft-Roller, Pipe	21	340-82	1	Fitting-Elbow 90
9	AU117340	4	Tube-Roller	21:1	237-42	1	O-Ring
10	AU232-4118	8	Nut-Hex	21:2	237-21	1	O-Ring
11	302-40	2	Fitting-Grease, 90 DEG	22	AU111506	2	Fitting-Straight
12	33018-00	2	Nut-Hex	22:1	237-21	1	O-Ring
13	33108-060	2	Screw-HHF	23	92-2745	1	Fitting-Adaptor
14	AU109885	2	Pin-Clevis	23:1	237-21	1	O-Ring
15	3272-19	2	Pin-Cotter	24	302-57	4	Fitting-Grease

Hydraulic Cylinder Assembly No. AU120606

Hydraulic Cylinder Assembly No. AU120606 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU124046	1	Gland Seal Kit
2	AU124048	1	Piston Seal Kit

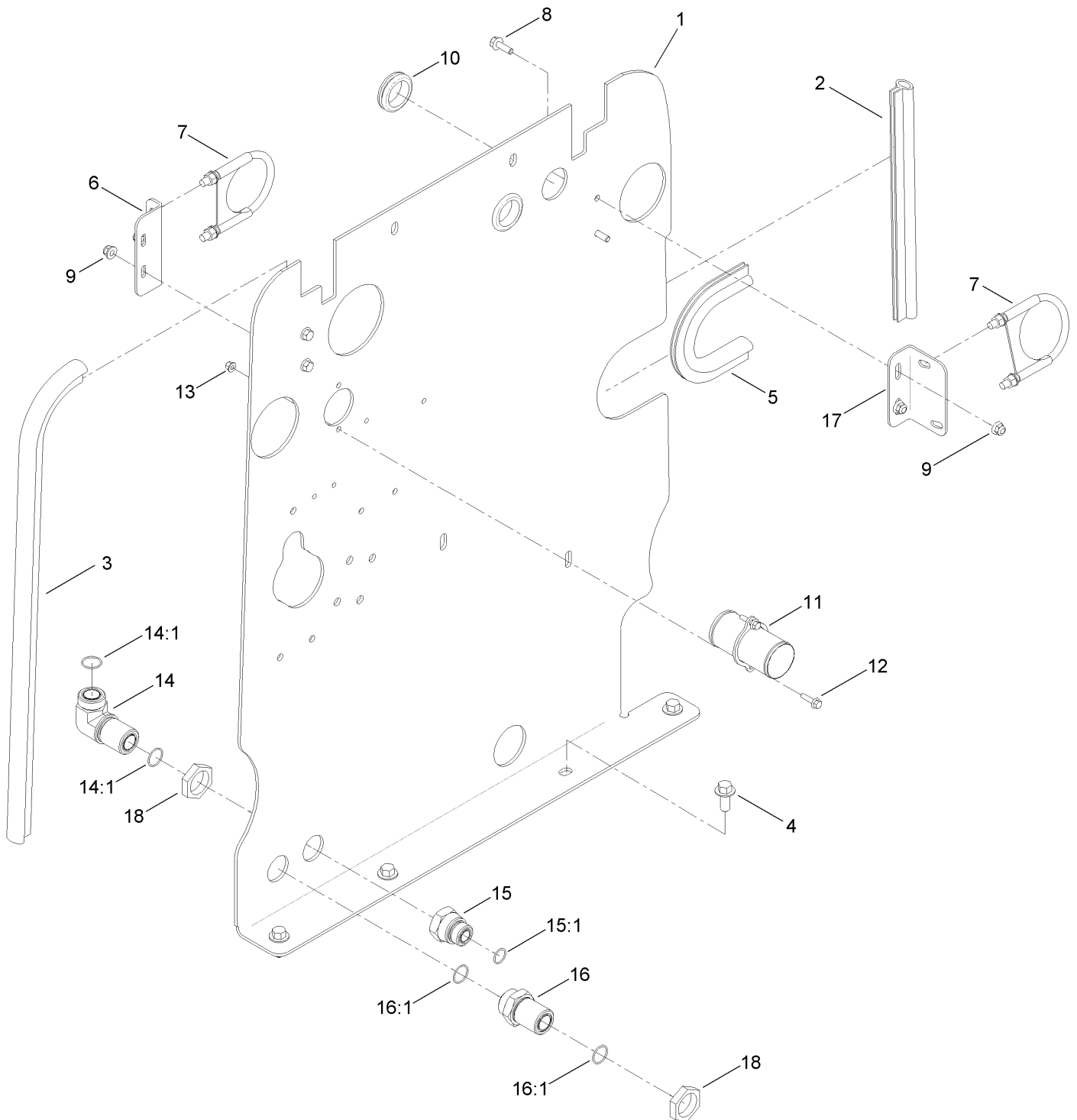
Hood Assembly



Hood Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU130550-03	1	Plate-Bulkhead	28	AU118302	1	Rear Hood ASM
2	AU130551-03	1	Plate-Seal, Hood	29	93-2569	4	Screw-HHF
3	AU130552-03	1	Plate-Seal, Hood	31	AU119331-03	1	Plate-Sandwich, Hood Stop
4	AU116572-03	1	Plate-Hood Seal	32	33104-030	2	Screw-HHF
5	AU116573-03	1	Plate-Hood Seal	33	AU118512-03	1	Mount-Hood, Safety Latch
6	33106-020	24	Screw-HHF	34	AU130765	1	Latch-Draw, Lockable
7	127-5263	1	Bulkhead ASM	34:1	131-0147	1	Key-Replacement
8	AU130383-03	1	Mounting-Hood	35	AU111869-03	1	Hook-Hood, Safety Latch
9	127-0938	1	Hood Mounting ASM	36	AU112966	1	Spring-Tension
9:2	125-6129	1	Decal-Warning, Hot Surface	37	AU8OR90404	1	Fitting-Tee
10	AU130385-03	1	Mount-Hood	37:1	237-21	3	O-Ring
11	AU130648-03	1	Plate-Cover	38	340-68	1	Fitting-Tee, Bulkhead
12	AU123695	3	Hinge	38:1	237-22	3	O-Ring
13	AU130630-03	1	Door-Side	39	AU8OL91616	2	Fitting-Elbow, 90
14	33104-035	15	Screw-HHF	39:1	340-65	2	O-Ring
15	104-3082	17	Nut-Lock, HHF	40	AU124320-03	2	Plate-Mount, Fan
16	AU118537	1	Pin-Mount, Hood	41	33103-025	4	Screw-HHF
17	33106-035	14	Screw-HHF	42	81-0130	4	Nut-Flange, NI
18	AU32GB5016-03	2	Guide-Hood	43	125-4528	1	Light-Strobe
20	AU100863	2	Nut-U	44	110-7191	2	Washer-Thrust
21	108-1531	2	Screw-HHF	45	3272-11	2	Pin-Cotter
22	360-0137	17	Screw-PRH	46	340-128	2	Nut-Bulkhead
23	32149-8	17	Nut-Keps	47	340-70	1	Nut-Lock
24	AU50GB2302	1	Latch-Trigger, Raised (W/Lock)	48	340-78	1	Nut-Lock
24:1	131-0148	1	Key-Replacement	49	127-0518	1	Clamp-R
25	AU8HH96100	4	Stud-Ball	50	33105-035	2	Screw-HHF
26	AU32GB5110	2	Spring-Gas	51	103-9511	2	Nut-Lock, NI
27	AU115517	1	Front Hood ASM	52	3255-2	1	Washer-Lock, EXT
				53	127-5316	1	Trim-Tank

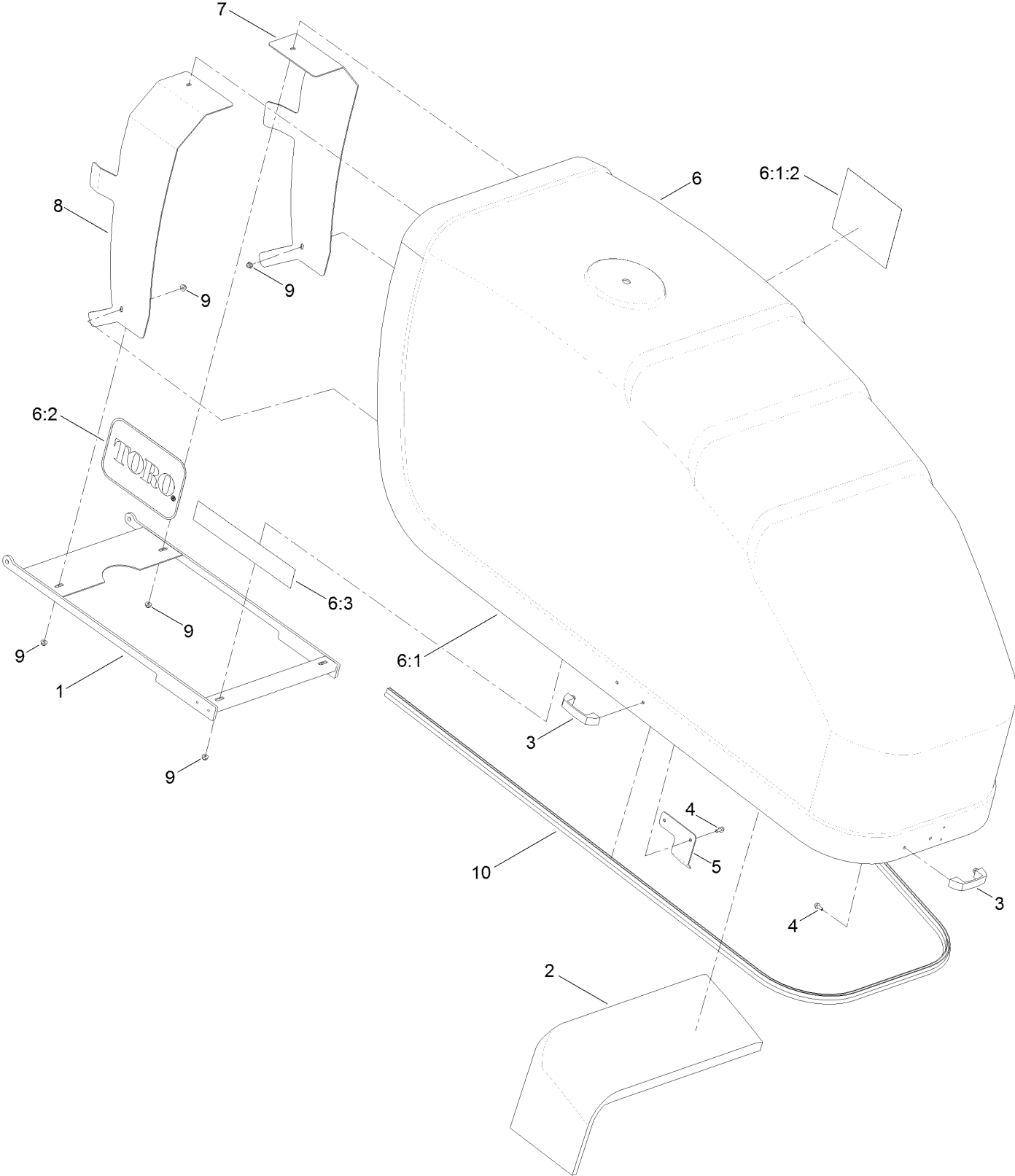
Bulkhead Assembly No. 127-5263



Bulkhead Assembly No. 127-5263 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0939	1	Bulk Head ASM	12	33103-025	2	Screw-HHF
2	127-5302	1	Seal-Bulb, LH	13	81-0130	2	Nut-Flange, NI
3	127-5301	1	Seal-Bulb, RH	14	AU8OL91616	1	Fitting-Elbow, 90
4	33106-020	4	Screw-HHF	14:1	340-65	2	O-Ring
5	127-5300	1	Seal-Bulb	15	AU8OA81216	1	Fitting-Reducer
6	AU120221-03	1	Plate-Support, Exhaust	15:1	237-58	1	O-Ring
7	AU8NG28118	2	Clamp-Guillotine	16	106-0060	1	Adapter-HYD
8	33104-025	4	Screw-HHF	16:1	340-65	2	O-Ring
9	104-3082	4	Nut-Lock, HHF	17	AU130659-03	1	Plate-Support, Charge Air
10	103-7706	2	Grommet	18	340-128	2	Nut-Bulkhead
11	AU120224-03	1	Tube-Bulkhead, Radiator				

Front Hood Assembly No. AU115517

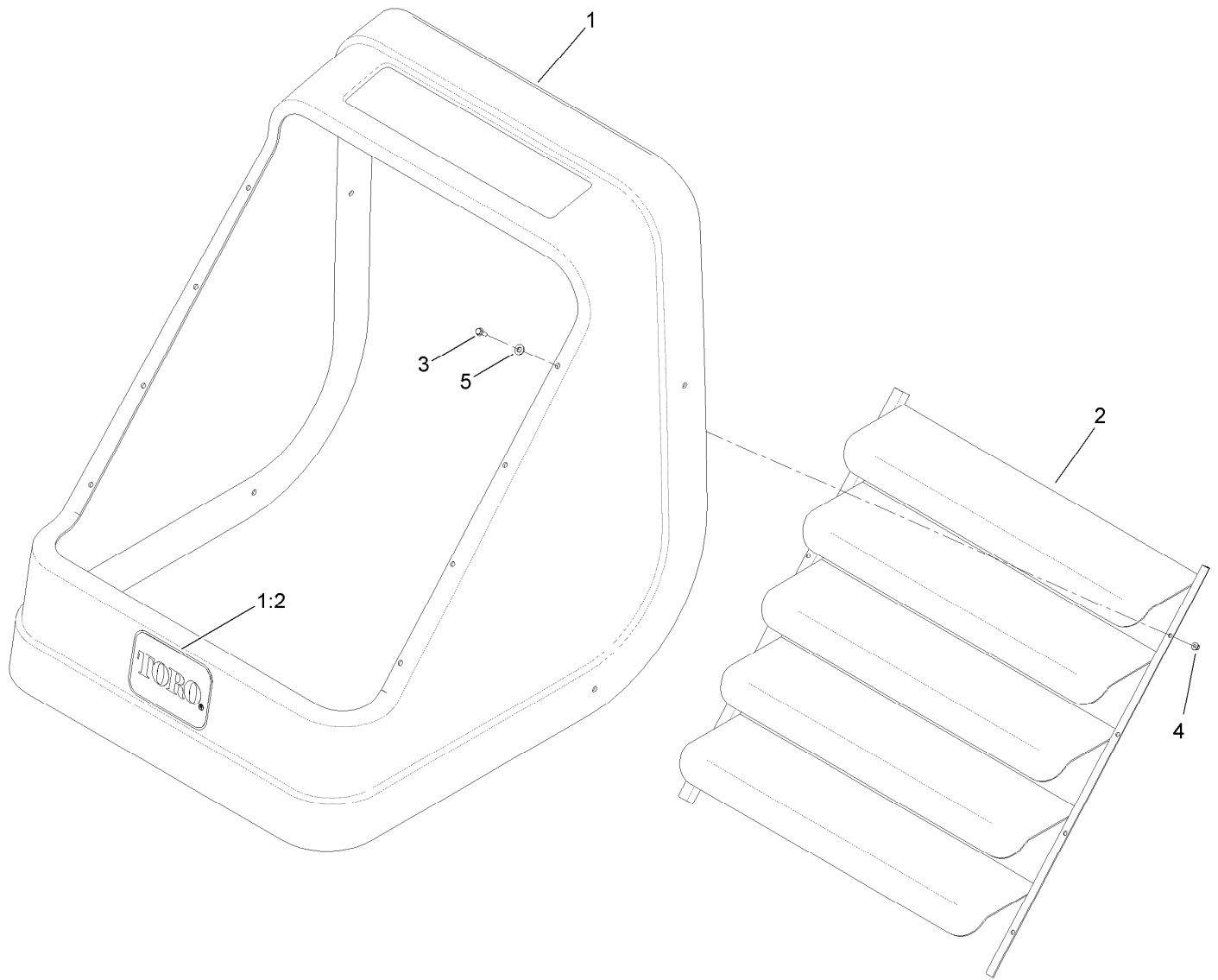


Front Hood Assembly No. AU115517 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU118730	1	Hinge-Hood, Front	6:1:2	130-4496	1	Screen-Hood, Front
2	127-0955	1	Foam-Hood, Reflective	6:2	114-0990	1	Decal
3	AU104854	2	Handle-Grab	6:3	125-6133	1	Decal
4	33104-020	4	Screw-HHF	7	AU123306-03	1	Plate-Catch, Hood
5	AU121776	1	Guide-Hood, Front	8	AU123307-03	1	Plate-Catch, Hood
6	127-0936	1	Front Hood And Decal ASM	9	104-8301	6	Nut-HF, NI
6:1		1	Hood-Front ●	10	130-4548	1	Seal-Bulb

● Not serviced separately

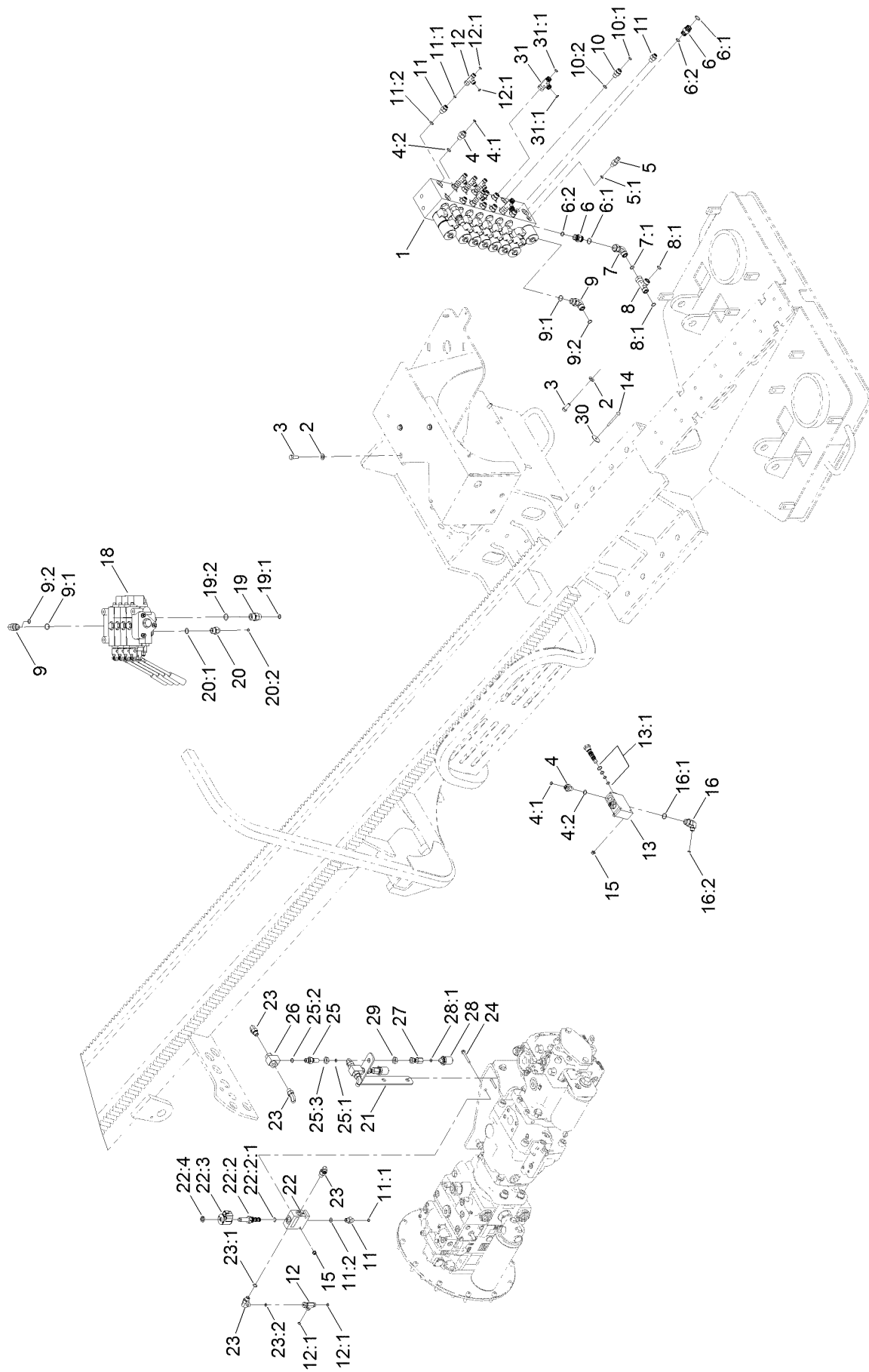
Rear Hood Assembly No. AU118302



Rear Hood Assembly No. AU118302 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-4476	1	Rear Hood ASM	3	33103-020	8	Screw-HHF
1:2	62-7400	1	Decal	4	120-9645	8	Nut-HHF
2	AU118366-03	1	Louver-Hood, Rear	5	3256-38	8	Washer-Flat

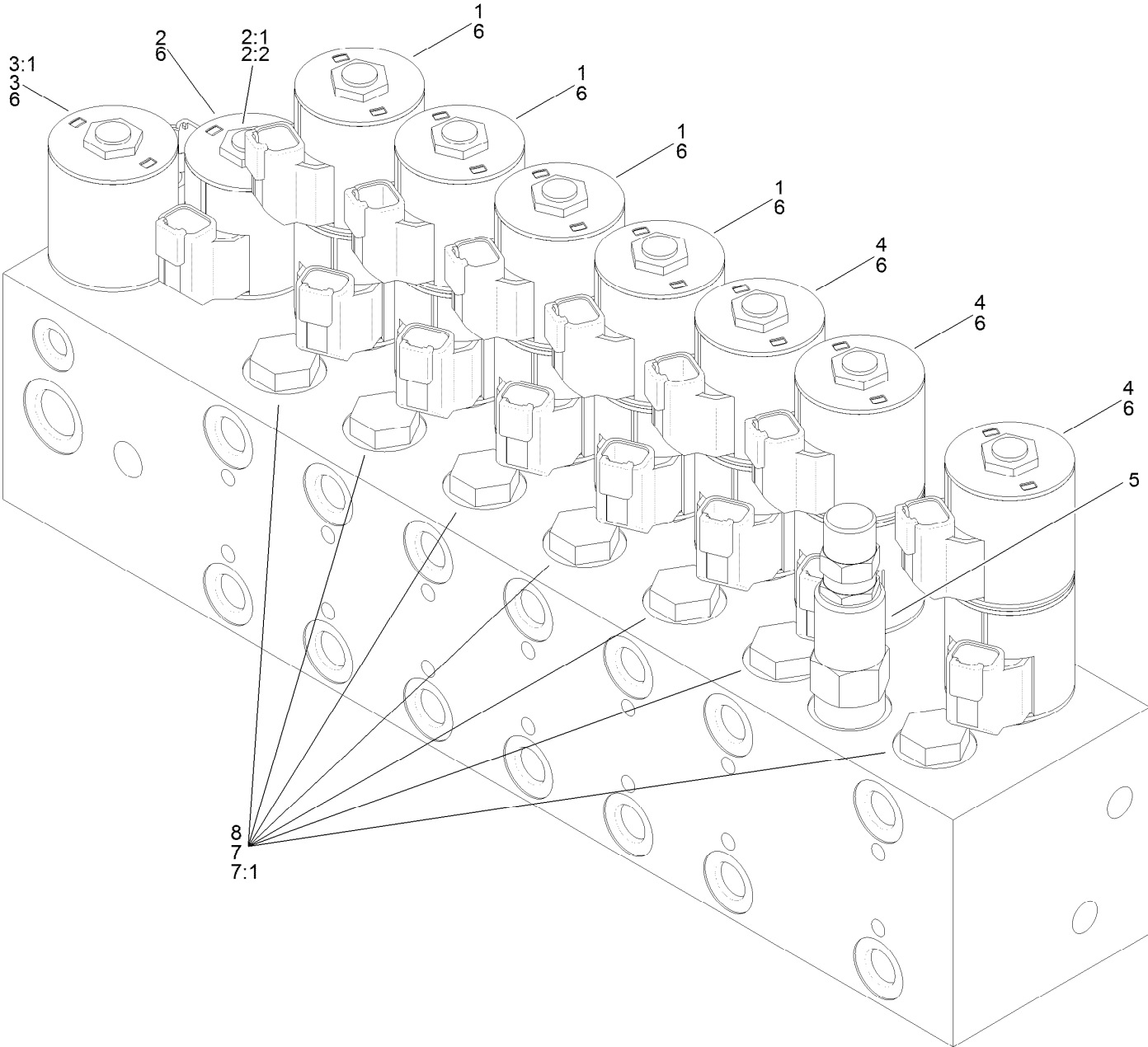
9 Section and 4 Spool Hydraulic Valve Assembly



9 Section and 4 Spool Hydraulic Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU111494	1	9 Section HYD Valve ASM	16:1	237-79	1	O-Ring
2	3256-24	7	Washer-Flat	16:2	237-21	1	O-Ring
3	323-6	7	Screw-HH	18	AU8HV80159	1	4 Spool HYD Valve ASM
4	AU112767	3	Fitting-Str,Orif	19	340-6	2	Fitting-Str
4:1	237-21	1	O-Ring	19:1	237-30	1	O-Ring
4:2	237-42	1	O-Ring	19:2	237-80	1	O-Ring
5	354-77	1	Fitting-Quick	20	340-133	8	Fitting-Str
5:1	237-78	1	O-Ring	20:1	237-79	1	O-Ring
6	340-4	2	Fitting-Straight	20:2	237-21	1	O-Ring
6:1	237-30	1	O-Ring	21	AU121543-03	1	Bracket-Valve, Shuttle
6:2	237-79	1	O-Ring	22	125-4467	1	Valve-Solenoid
7	94-6031	1	Fitting-HYD	22:2	106-1995	1	Valve-3 Way
7:1	237-30	1	O-Ring	22:2:1	110-8773	1	Seal Kit
8	340-104	1	Fitting-HYD, Tee	22:3	112-0197	1	E Coil-12V Dc
8:1	237-30	2	O-Ring	22:4	110-2634	1	Nut-Coil
9	340-98	2	Fitting-HYD, 90 DEG	23	340-82	6	Fitting-Elbow 90
9:1	237-79	1	O-Ring	23:1	237-42	1	O-Ring
9:2	237-30	1	O-Ring	23:2	237-21	1	O-Ring
10	340-2	6	Fitting-Straight	24	33103-050	2	Screw-HHF
10:1	237-22	1	O-Ring	25	AU8OAA0406	2	Fitting-Straight
10:2	237-42	1	O-Ring	25:1	237-21	1	O-Ring
11	340-1	9	Fitting-Str	25:2	237-42	1	O-Ring
11:1	237-21	1	O-Ring	25:3	340-78	1	Nut-Lock
11:2	237-42	1	O-Ring	26	AU270083	2	Valve-Shuttle, Load
12	340-151	6	Fitting-HYD	27	AU8SA60404	2	Fitting-Straight
12:1	237-75	2	O-Ring	28	125-6579	2	Transducer
13	AU112323	1	HYD Flow Divider Valve ASM	28:1	131-8636	1	O-Ring
13:1	131-8637	1	Seal Kit	29	340-78	2	Nut-Lock
14	AU100315	2	Screw-Flange, Metric	30	3256-55	2	Washer-Flat
15	81-0130	4	Nut-Flange, NI	31	340-115	2	Fitting-Tee, Swivel Nut
16	108-5687	1	Fitting-Elbow 90	31:1	237-22	2	O-Ring

9 Section Hydraulic Valve Assembly No. AU111494



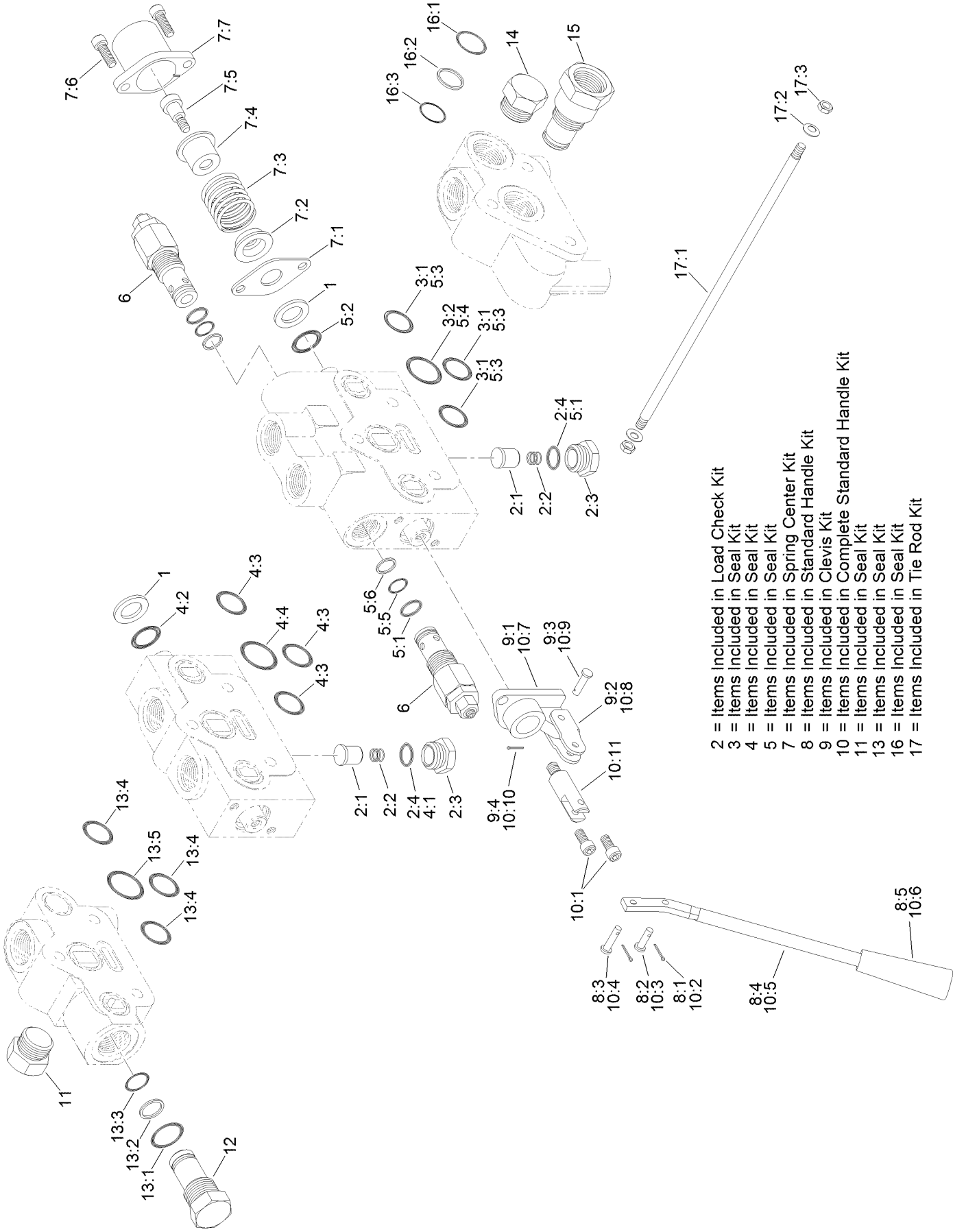
9 Section Hydraulic Valve Assembly No. AU111494 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU112257	4	Valve-Cartridge, Motor Spool
2	115-5400	1	Solenoid Valve ASM
2:1	107-7813	1	Seal Kit
2:2	110-2634	1	Nut-Coil
3	120-0913	1	Valve-Solenoid
3:1	105-9159	1	Seal Kit
4	AU116738	3	Solenoid ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	AU116739	1	Valve-Reducing, Pressure
6	119-4619	16	Coil-Solenoid
7	107-7524	14	Check Valve ASM
7:1	105-9156	1	Seal Kit
8	120-2554	7	Piston-Pilot
9	131-6513	2	Plug-Port ●
10	131-6514	1	Plug-Port ●

● Not illustrated

Stakedown Valve Assembly No. AU8HV80159



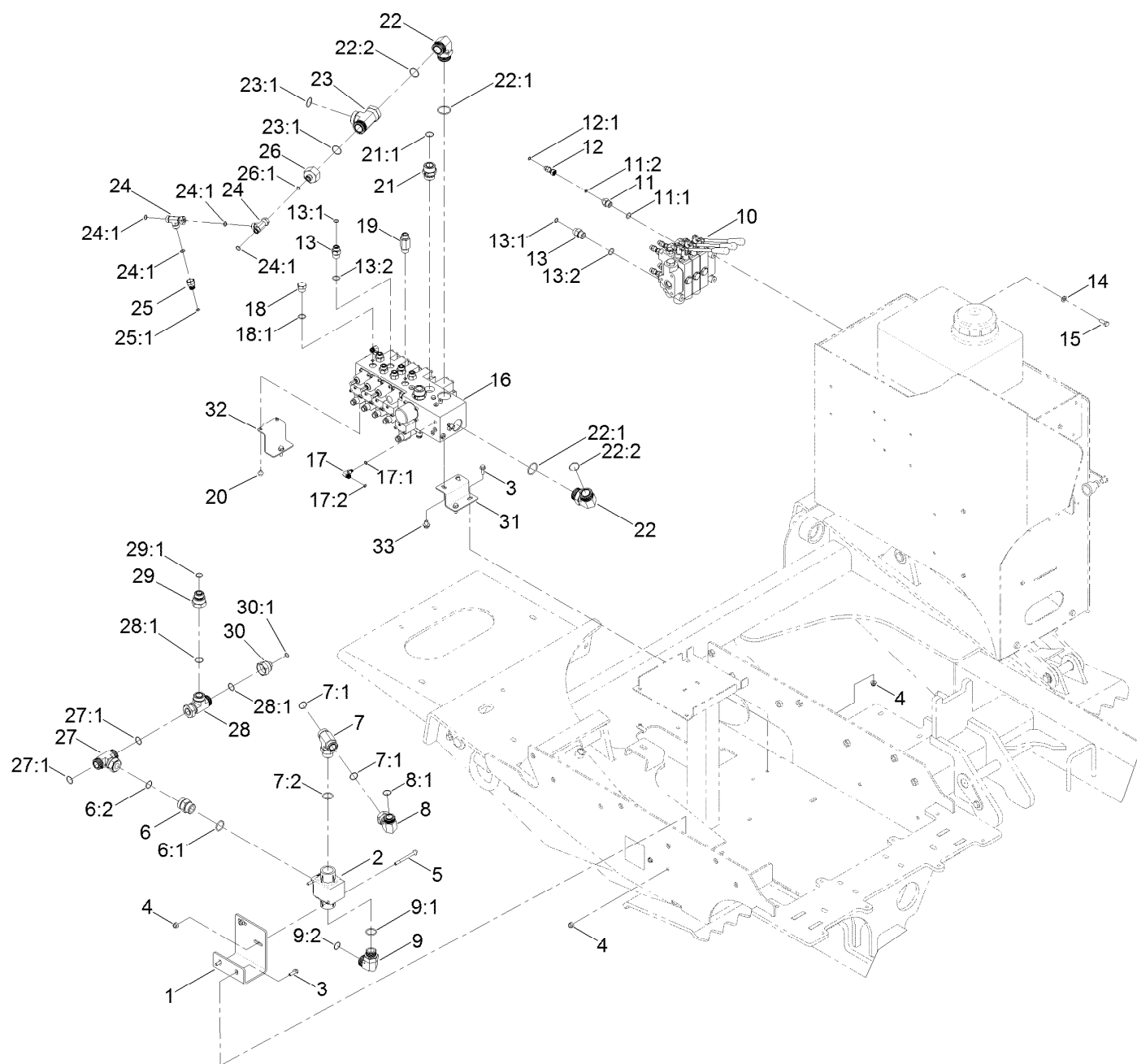
- 2 = Items Included in Load Check Kit
- 3 = Items Included in Seal Kit
- 4 = Items Included in Seal Kit
- 5 = Items Included in Seal Kit
- 7 = Items Included in Spring Center Kit
- 8 = Items Included in Standard Handle Kit
- 9 = Items Included in Clevis Kit
- 10 = Items Included in Complete Standard Handle Kit
- 11 = Items Included in Seal Kit
- 13 = Items Included in Seal Kit
- 16 = Items Included in Seal Kit
- 17 = Items Included in Tie Rod Kit

Stakedown Valve Assembly No. AU8HV80159 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-6549	8	Washer-Back Up, Spool	9	131-6539	4	Clevis Kit
2	131-6532	4	Load Check Kit	9:1		1	Clevis ●
2:1		1	Poppet-Check, Load ●	9:2		1	Link ●
2:2		1	Spring-Check, Load ●	9:3		1	Pin-Clevis ●
2:3		1	Plug-Check, Load ●	9:4		1	Pin-Cotter ●
2:4		1	O-Ring ●	10	131-6540	4	Standard Handle Kit
3	131-6533	4	Replacement Seal Kit	10:1		2	Screw-Cap ●
3:1	22-8600	3	O-Ring	10:2		2	Pin-Cotter ●
3:2		1	O-Ring ●	10:3		1	Pin-Clevis ●
4	131-6534	2	Svw Replacement Seal Kit	10:4		1	Pin-Clevis ●
4:1		1	O-Ring ●	10:5		1	Handle ●
4:2		2	O-Ring ●	10:6	AU30604519	1	Knob
4:3	22-8600	3	O-Ring	10:7		1	Clevis ●
4:4		1	O-Ring ●	10:8		1	Link ●
5	131-6535	2	Svh Replacement Seal Kit	10:9		1	Pin-Clevis ●
5:1		3	O-Ring ●	10:10		1	Pin-Cotter ●
5:2		2	O-Ring ●	10:11		1	Adapter-Spool ●
5:3	22-8600	3	O-Ring	11	131-6542	1	Plug-Port
5:4		1	O-Ring ●	12	131-6543	1	Plug-No Relief
5:5		2	Washer-Backup ●	13	131-6544	1	Replacement Inlet Seal Kit
5:6		2	O-Ring ●	13:1		1	O-Ring ●
6	131-6536	4	Cartridge-Relief	13:2		1	Washer-Back Up ●
7	131-6537	4	Spring Center Kit	13:3		1	O-Ring ●
7:1		1	Plate-Retainer ●	13:4	22-8600	3	O-Ring
7:2		1	Cup-Stop, Inner ●	13:5		1	O-Ring ●
7:3		1	Spring-Centering ●	14	131-6546	1	Plug
7:4		1	Cup-Stop, Outer ●	15	131-6547	1	Cartridge-Beyond, Power
7:5		1	Adapter-Spool ●	16	131-6548	1	Outlet Section Seal Kit
7:6		2	Screw-Cap ●	16:1		1	O-Ring ●
7:7		1	Cap-End ●	16:2		1	Washer-Back Up ●
8	131-6538	4	Standard Handle Kit	16:3		1	O-Ring ●
8:1		2	Pin-Cotter ●	17	132-4188	1	Tie Rod Kit (4 Section)
8:2		1	Pin-Clevis ●	17:1		3	Rod-Tie ●
8:3		1	Pin-Clevis ●	17:2		6	Washer-Lock ●
8:4		1	Handle ●	17:3		6	Nut ●
8:5	AU30604519	1	Knob				

● Not serviced separately

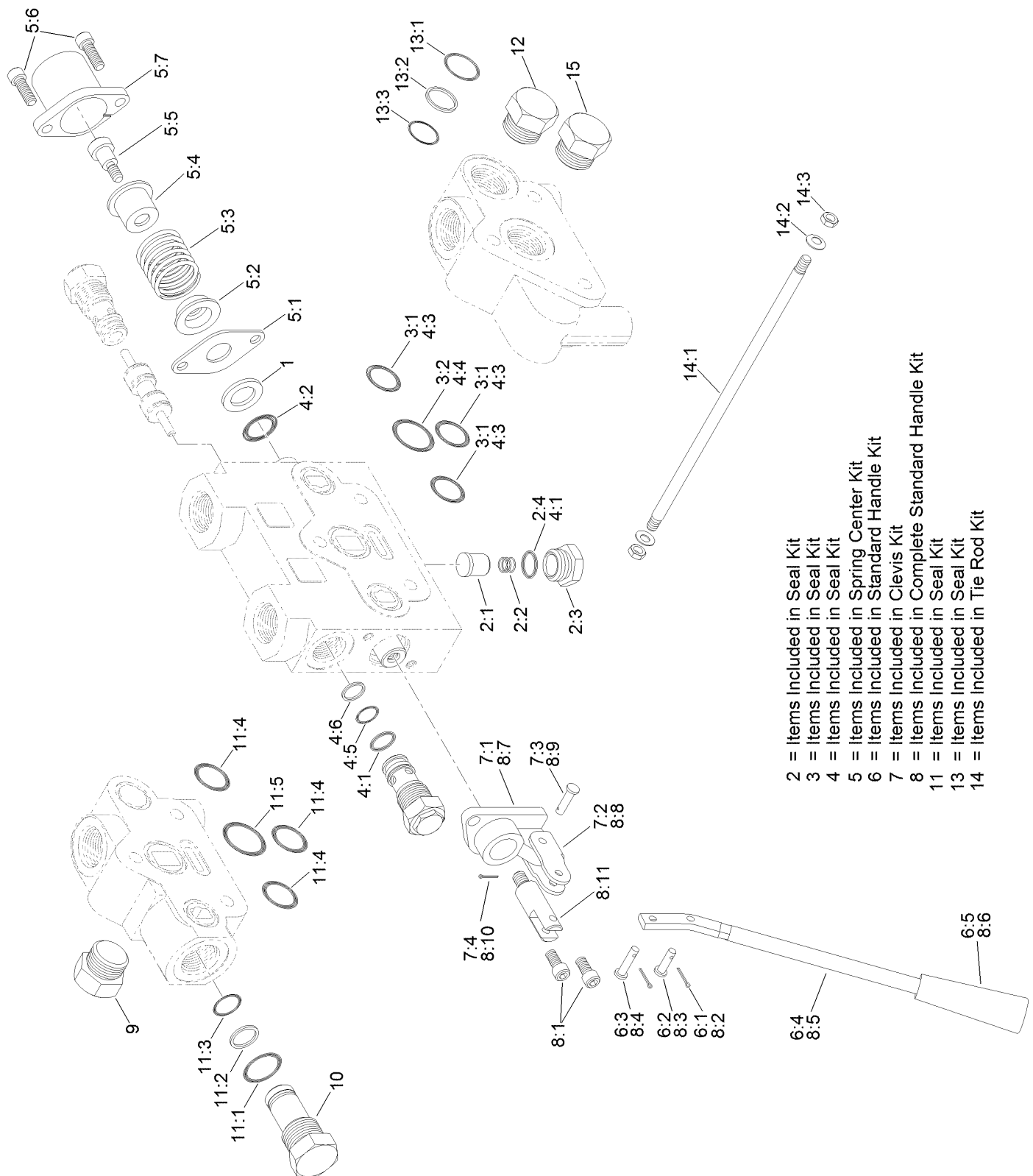
5 Section and 3 Spool Hydraulic Valve Assembly



5 Section and 3 Spool Hydraulic Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU124864-03	1	Plate-Mount, Thermal Bypass	17:2	237-21	1	O-Ring
2	AU8HV01001	1	Valve-Thermostat	18	353-551	1	Plug-HH
3	33104-025	5	Screw-HHF	18:1	237-80	1	O-Ring
4	104-3082	7	Nut-Lock, HHF	19	AU121465	1	Valve-Check, 30 PSI
5	AU100327	2	Screw-Flange	20	AU100394	2	Screw-Flange
6	104-3797	1	Fitting-Straight	21	AU8OA621616	2	Fitting-Straight
6:1	237-146	1	O-Ring	21:1	340-65	1	O-Ring
6:2	340-65	1	O-Ring	22	340-52	2	Fitting-Elbow 90
7	104-7501	1	Fitting-HYD	22:1	237-101	1	O-Ring
7:1	340-65	2	O-Ring	22:2	340-64	1	O-Ring
7:2	237-146	1	O-Ring	23	AU8OR82020	1	Fitting-Tee, Run
8	92-7645	1	Fitting-Swivel, 90 DEG	23:1	340-64	2	O-Ring
8:1	340-65	1	O-Ring	24	340-104	2	Fitting-HYD, Tee
9	340-129	1	Fitting-Elbow 90	24:1	237-30	2	O-Ring
9:1	237-146	1	O-Ring	25	95-7776	1	Fitting-HYD
9:2	340-65	1	O-Ring	25:1	237-22	1	O-Ring
10	AU8HV80153	1	3 Spool HYD Valve ASM	26	AU8OA80820	1	Fitting-Reducer
11	340-133	6	Fitting-Str	26:1	237-30	1	O-Ring
11:1	237-79	1	O-Ring	27	AU8OB81616	1	Fitting-Tee
11:2	237-21	1	O-Ring	27:1	340-65	2	O-Ring
12	AU111506	6	Fitting-Straight	28	AU8OR81616	1	Fitting-Tee
12:1	237-21	1	O-Ring	28:1	340-65	2	O-Ring
13	340-6	8	Fitting-Str	29	AU8OA81216	1	Fitting-Reducer
13:1	237-30	1	O-Ring	29:1	237-58	1	O-Ring
13:2	237-80	1	O-Ring	30	AU8OA80816	1	Fitting-Reducer
14	3256-24	3	Washer-Flat	30:1	237-30	1	O-Ring
15	AU426-616	3	Screw-HH	31	AU121320	1	Bracket-Front, 5-Section Valve
16	AU121285	1	5-Section HYD Valve ASM	32	AU121321	1	Bracket-Rear, 5-Section Valve
17	340-132	2	Fitting-90 DEG	33	33105-016	2	Screw-HHF
17:1	237-78	1	O-Ring				

3 Spool Hydraulic Valve Assembly No. AU8HV80153



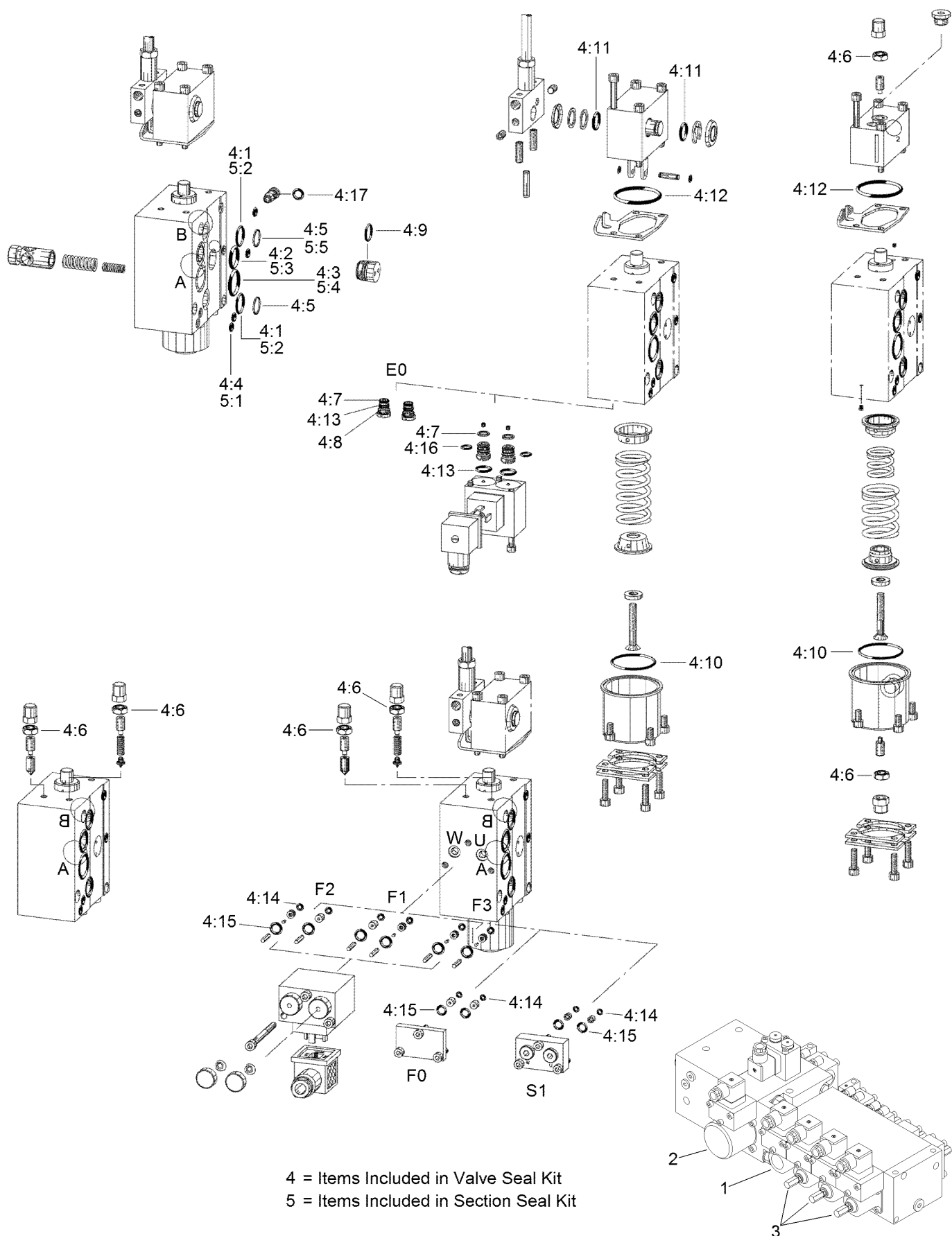
- 2 = Items Included in Seal Kit
- 3 = Items Included in Seal Kit
- 4 = Items Included in Seal Kit
- 5 = Items Included in Spring Center Kit
- 6 = Items Included in Standard Handle Kit
- 7 = Items Included in Clevis Kit
- 8 = Items Included in Complete Standard Handle Kit
- 11 = Items Included in Seal Kit
- 13 = Items Included in Seal Kit
- 14 = Items Included in Tie Rod Kit

3 Spool Hydraulic Valve Assembly No. AU8HV80153 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-6549	6	Washer-Back Up, Spool	7:3		1	Pin-Clevis ●
2	131-6532	3	Load Check Kit	7:4		1	Pin-Cotter ●
2:1		1	Poppet-Check, Load ●	8	131-6540	3	Standard Handle Kit
2:2		1	Spring-Check, Load ●	8:1		2	Screw-Cap ●
2:3		1	Plug-Check, Load ●	8:2		2	Pin-Cotter ●
2:4		1	O-Ring ●	8:3		1	Pin-Clevis ●
3	131-6533	3	Replacement Seal Kit	8:4		1	Pin-Clevis ●
3:1	22-8600	3	O-Ring	8:5		1	Handle ●
3:2		1	O-Ring ●	8:6	AU30604519	1	Knob
4	132-4189	3	Seal Kit	8:7		1	Clevis ●
4:1		3	O-Ring ●	8:8		1	Link ●
4:2		2	O-Ring ●	8:9		1	Pin-Clevis ●
4:3	22-8600	3	O-Ring	8:10		1	Pin-Cotter ●
4:4		1	O-Ring ●	8:11		1	Adapter-Spool ●
4:5		2	O-Ring ●	9	131-6542	2	Plug-Port
4:6		2	Backup Washer ●	10	131-6543	1	Plug-No Relief
5	131-6537	3	Spring Center Kit	11	131-6544	1	Replacement Inlet Seal Kit
5:1		1	Plate-Retainer ●	11:1		1	O-Ring ●
5:2		1	Cup-Stop, Inner ●	11:2		1	Washer-Back Up ●
5:3		1	Spring-Centering ●	11:3		1	O-Ring ●
5:4		1	Cup-Stop, Outer ●	11:4	22-8600	3	O-Ring
5:5		1	Adapter-Spool ●	11:5		1	O-Ring ●
5:6		2	Screw-Cap ●	12	131-6546	1	Plug
5:7		1	Cap-End ●	13	131-6548	1	Outlet Section Seal Kit
6	131-6538	3	Standard Handle Kit	13:1		1	O-Ring ●
6:1		2	Pin-Cotter ●	13:2		1	Washer-Back Up ●
6:2		1	Pin-Clevis ●	13:3		1	O-Ring ●
6:3		1	Pin-Clevis ●	14	132-4187	1	Tie Rod Kit (3 Section)
6:4		1	Handle ●	14:1		3	Rod-Tie ●
6:5	AU30604519	1	Knob	14:2		6	Washer-Lock ●
7	131-6539	3	Clevis Kit	14:3		6	Nut ●
7:1		1	Clevis ●	15	132-4190	1	Plug-Conversion, Center
7:2		1	Link ●				Open

● Not serviced separately

5-Section Hydraulic Valve Assembly No. AU121285



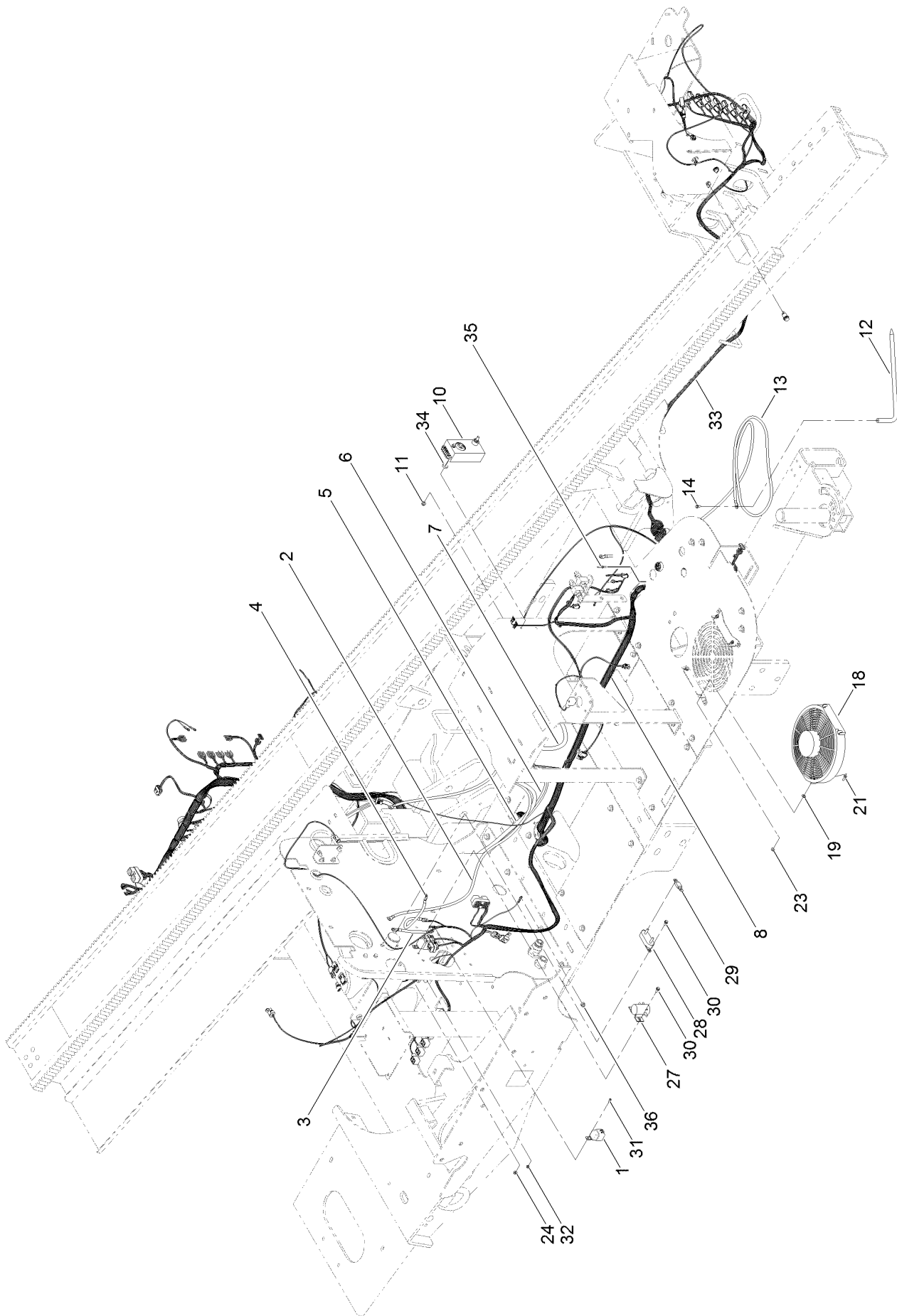
5-Section Hydraulic Valve Assembly No. AU121285 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-5664	1	Coil-12V
2	132-5665	1	Solenoid-Twin, 12V
3	132-5666	3	Spool-SI
4	132-5667	1	Valve Seal Kit
4:1		2	O-Ring ●
4:2		1	Seal ●
4:3		1	Seal ●
4:4		4	O-Ring ●
4:5		2	Ring-Backup ●
4:6		4	Seal-Nut ●
4:7		2	Seal-Ring ●
4:8		2	O-Ring ●
4:9		1	O-Ring ●
4:10		1	O-Ring ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4:11		2	O-Ring ●
4:12		1	O-Ring ●
4:13		2	O-Ring ●
4:14		2	O-Ring ●
4:15		2	O-Ring ●
4:16		2	O-Ring ●
4:17		1	O-Ring ●
5	132-5668	1	Section Seal Kit
5:1		4	O-Ring ●
5:2		2	O-Ring ●
5:3		1	Seal ●
5:4		1	Seal ●
5:5		2	Ring-Backup ●

● Not serviced separately

Electrical Assembly

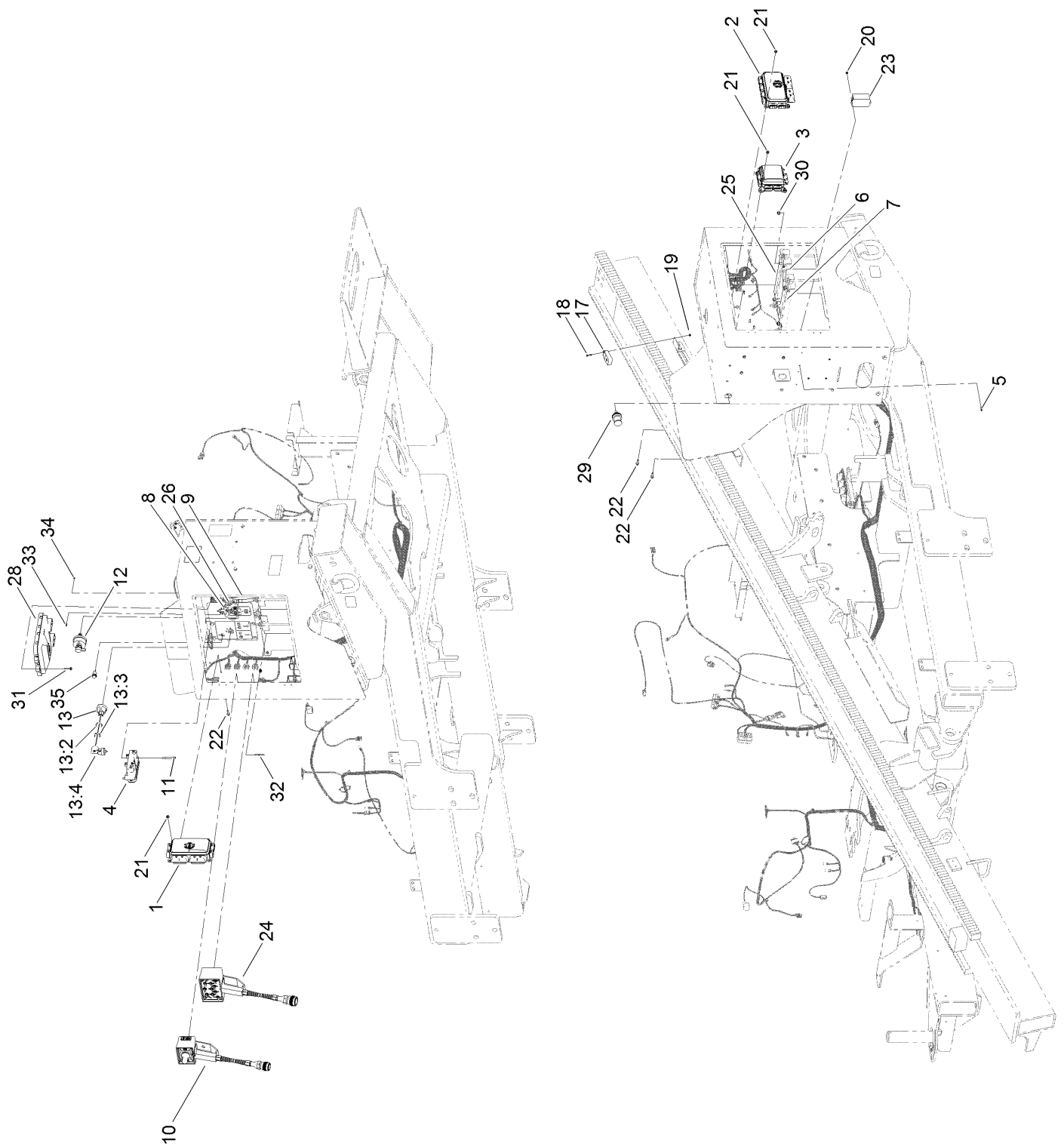


Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-7430	2	Relay	19	120-9679	4	Washer-Flat
2	122-0219	1	Cable-Battery, Positive	21	33113-020	4	Screw-HH
3	122-0103	1	Cable-Battery, Positive	23	33003-00	4	Nut-HF
4	122-0104	1	Cable-Battery, Positive	24	81-0130	4	Nut-Flange, NI
5	122-0093	1	Cable-Battery, Positive	27	AU126234	1	Solenoid-Relay 12V, 300A
6	122-0094	1	Cable-Battery, Negative	28	AU126233	1	Holder-Fuse
7	122-0095	1	Cable-Battery, Negative	29	AU126232	1	Fuse-100A
8	122-0063	1	Harness-Wire, Main	30	33103-016	4	Screw-HHF
8:14	218-578	2	Fuse-Blade, 10 Amp ●	31	119-7568	2	Screw-HSBH
8:16	32180-043	1	Resistor-120 Ohm ●	32	120-4580	2	Nut-HF
8:34	109103	1	Fuse-Blade, 30 Amp ●	33	122-0064	1	Harness-Wire, Thrust Frame
10	AU8EE27103	1	Relay	33:1	110928	1	Fuse-Blade, 5 Amp ●
11	104-8300	2	Nut-HF, NI	34	26-4840	2	Spacer-Pin, Mounting
12	AU109224	1	Bar-Stake, Ground	35	3269-28	1	Rivet-Pop
13	AU124406	1	Cable-Alert, Strike	36	104-3082	1	Nut-Lock, HHF
14	114-8414	1	Screw-HHF	99	AU8EE27104	1	Tester-Zapalert ●
18	130-4521	1	Fan-Electric				

● Not illustrated

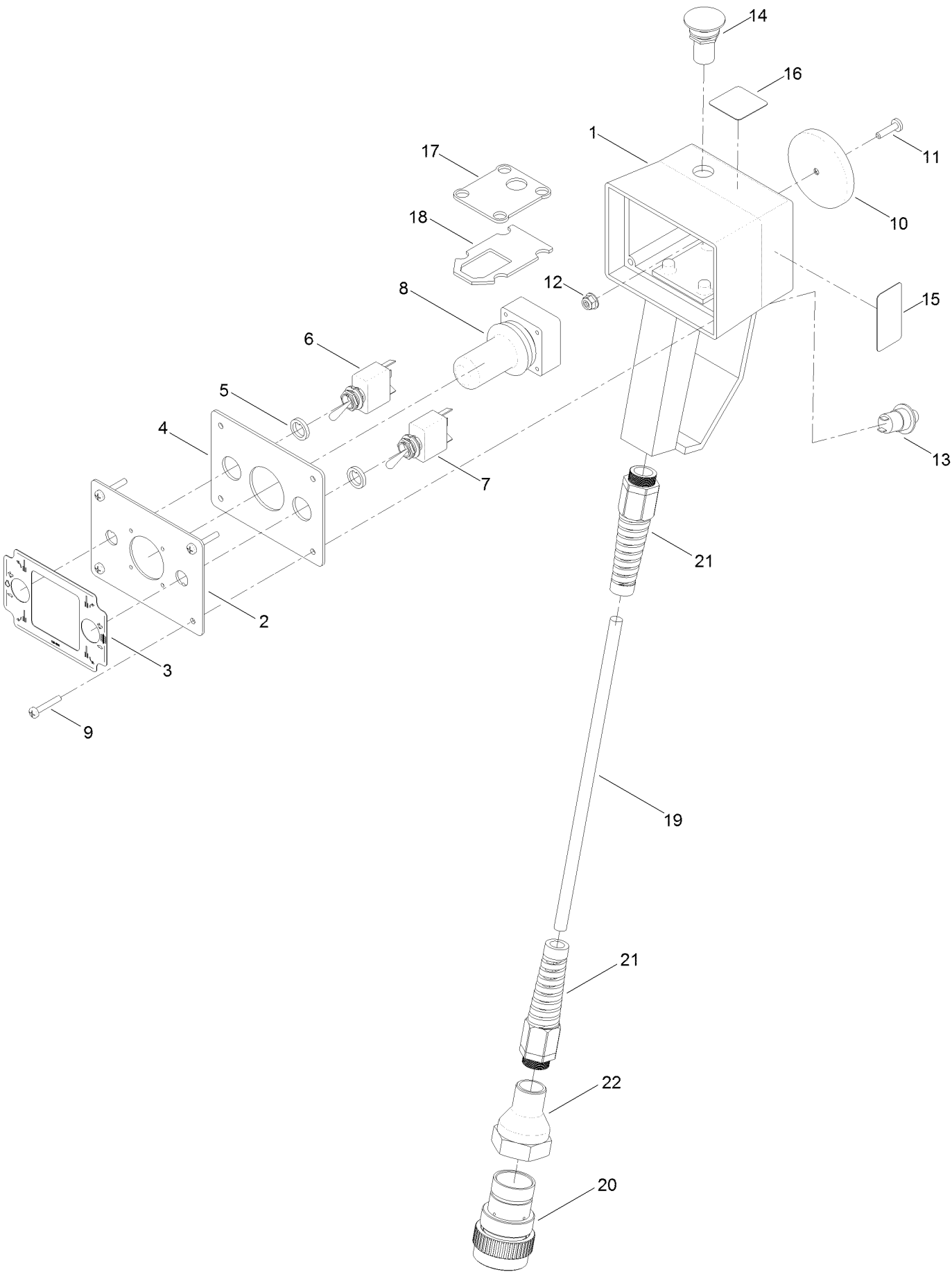
Travel Pendant and Life Jacket Assembly



Travel Pendant and Life Jacket Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119073	1	Box-Vec, Main (A)	19	32149-7	6	Nut-Keps
2	AU119074	1	Box-Vec, Main (B)	20	3296-1	4	Nut-Lock
3	AU119075	1	Box-Vec, Main (C)	21	81-0130	12	Nut-Flange, NI
4	AU117892	1	Computer-Expander, Output	22	33103-025	12	Screw-HHF
5	3250-17	4	Screw-PPH	23	AU115133	2	Connector-Pack, Resistor
6	122-0105	1	Cable-Battery, Positive	24	125-1628	1	Life Jacket ASM
7	122-0106	1	Cable-Battery, Negative	25	127-0968	2	Battery (950CCA, Wet)
8	122-0091	1	Cable-Battery, Positive	26	122-0084	1	Harness-Wire, Fusible Link
9	122-0092	1	Cable-Battery, Positive	28	AU117890	1	Controller ASM (88 Pin, Unprogrammed)
10	131-9036	1	Travel Pendant ASM	29	AU105186	1	Post-Battery, Remote
11	AU100315	2	Screw-Flange, Metric	30	32149-10	4	Nut-Keps
12	AUR52278	1	Switch-Disconnect, Master	31	33103-030	3	Screw-HHF
13	121-5159	1	Ignition Switch ASM	32	3269-28	1	Rivet-Pop
13:2	121-5160	1	Nut-Hex	33	1-3153	4	Screw-PRH, Slotted
13:3	121-5161	1	Nut-Face	34	3296-52	4	Nut-Lock, NI
13:4	121-5162	1	Ignition Key Set	35	131-0039	1	Lamp-Indicator, LED
17	AU8EP65159	3	Switch-Proximity				
18	9107964	6	Screw-PPH				

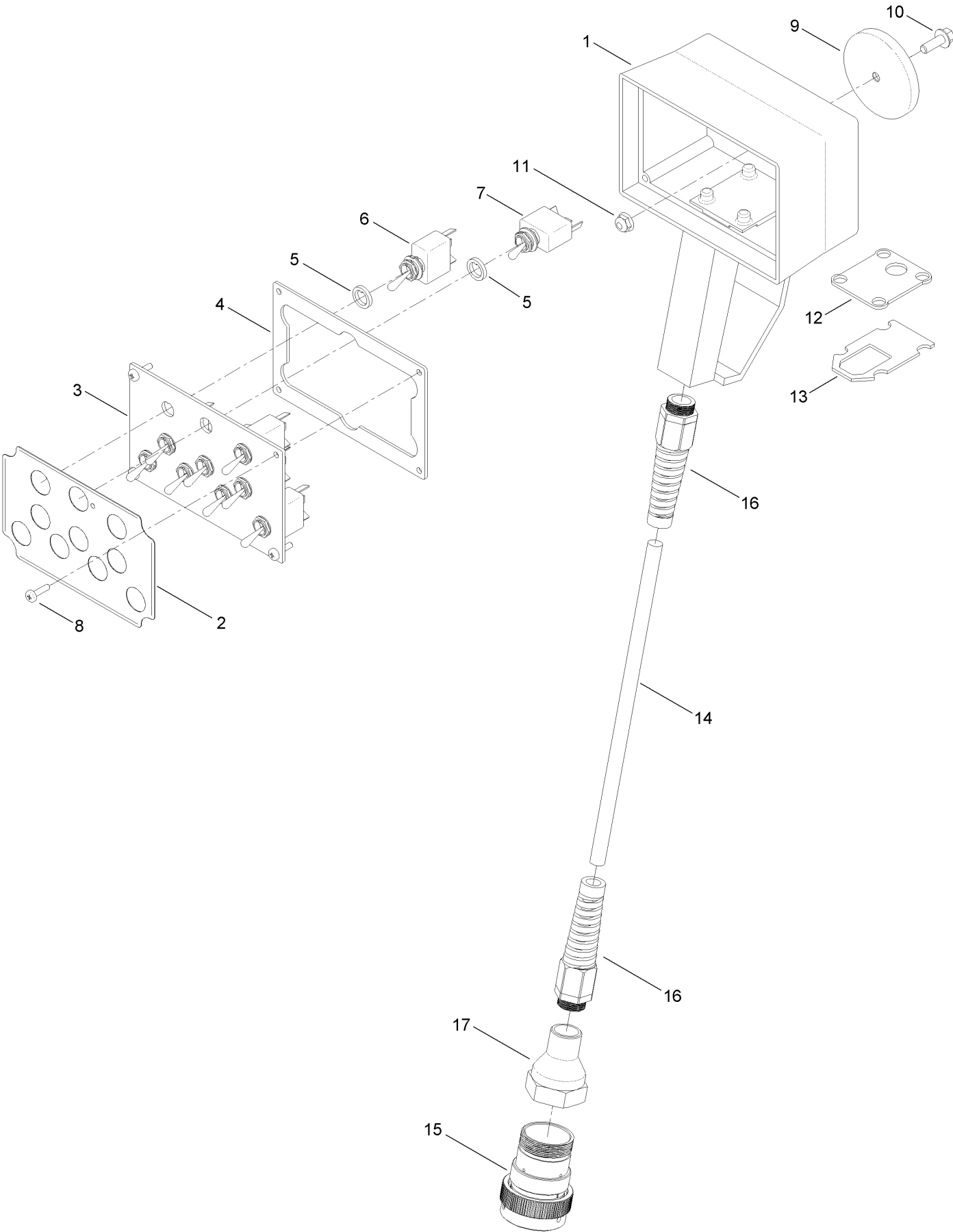
Travel Pendant Assembly No. 125-1629



Travel Pendant Assembly No. 125-1629 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-1612	1	Enclosure-Handheld	12	120-4578	1	Nut-HF
2	131-9016	1	Plate-Pendant Front	13	125-1616	1	Switch-Momentary
3	125-1641	1	Decal-Travel Pendant	14	125-1592	1	Switch-Push Button
4	131-9017	1	Gasket-Pendent Front	15	125-6183	1	Decal-Operator Presence
5	125-1619	2	Seal-Switch	16	125-1622	1	Decal-Emergency Stop
6	125-1615	1	Switch	17	125-1609	1	Gasket-Handle, Inner
7	125-1611	1	Switch	18	125-1610	1	Gasket-Handle, Outer
8	125-1590	1	Joystick	19	125-1606	1	Cable-Travel Pendant
9	131-9021	4	Screw-PPH	20	32160-404	1	Plug-Connetor
10	131-9022	1	Magnet-Ceramic, Encased	21	125-1632	2	Grip-Cord
11	3250-13	1	Screw-PPH	22	125-1625	1	Coupler

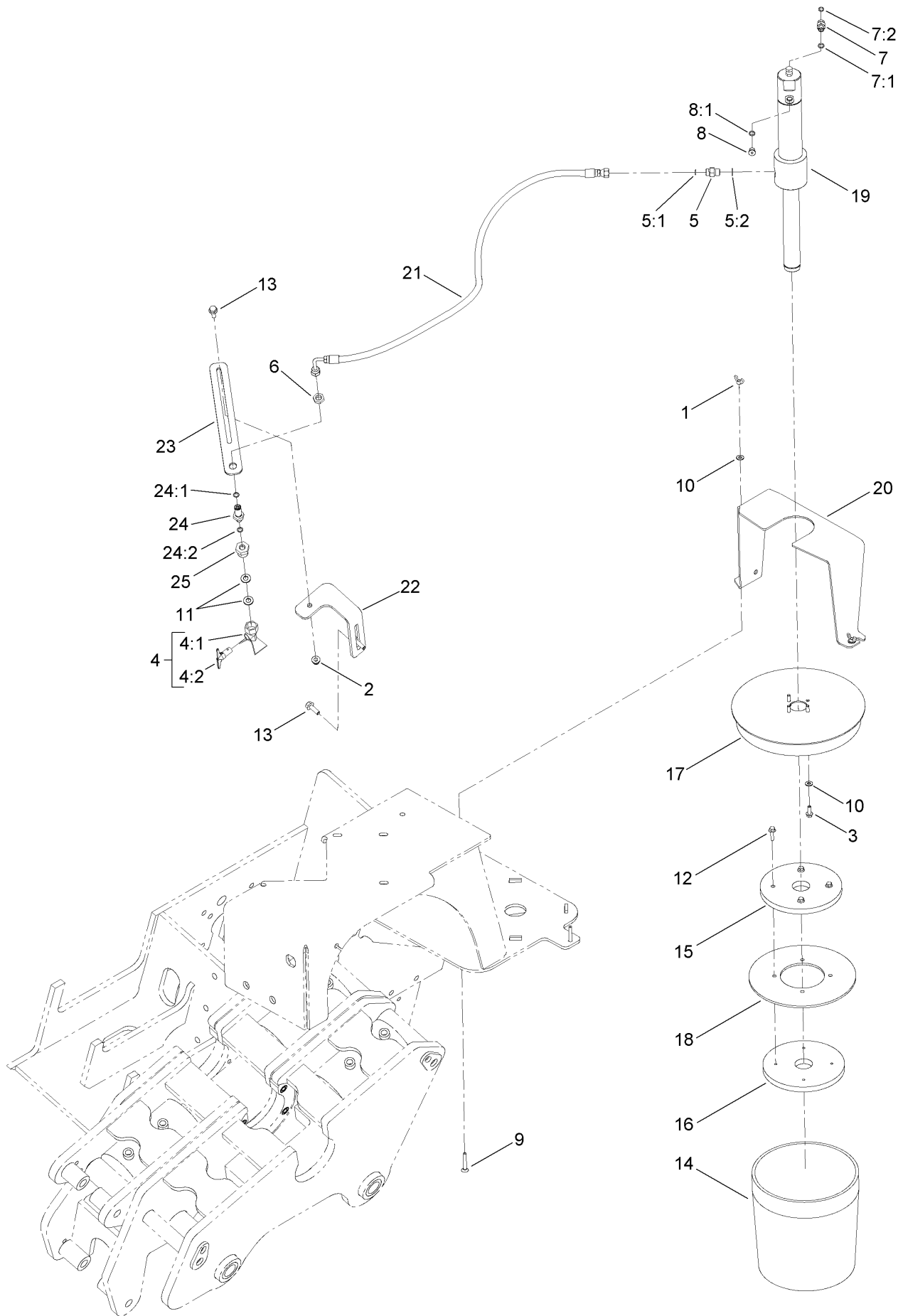
Life Jacket Assembly No. 125-1628



Life Jacket Assembly No. 125-1628 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-1614	1	Enclosure-Handheld	10	120-9678	1	Screw-HHF
2	125-1623	1	Decal-Life Jacket	11	104-7201	1	Nut-HF
3	125-1624	1	Plate-Life Jacket	12	125-1609	1	Gasket-Handle, Inner
4	125-1647	1	Gasket-Life Jacket	13	125-1610	1	Gasket-Handle, Outer
5	125-1619	10	Seal-Switch	14	125-1608	1	Cable-Life Jacket
6	125-1615	9	Switch	15	32160-403	1	Deutsch 23F
7	125-1620	1	Switch	16	125-1632	1	Grip-Cord
8	125-1630	4	Screw-PPH	17	125-1626	1	Coupler
9	T0002-8729	1	Magnet-Ceramic, Encased				

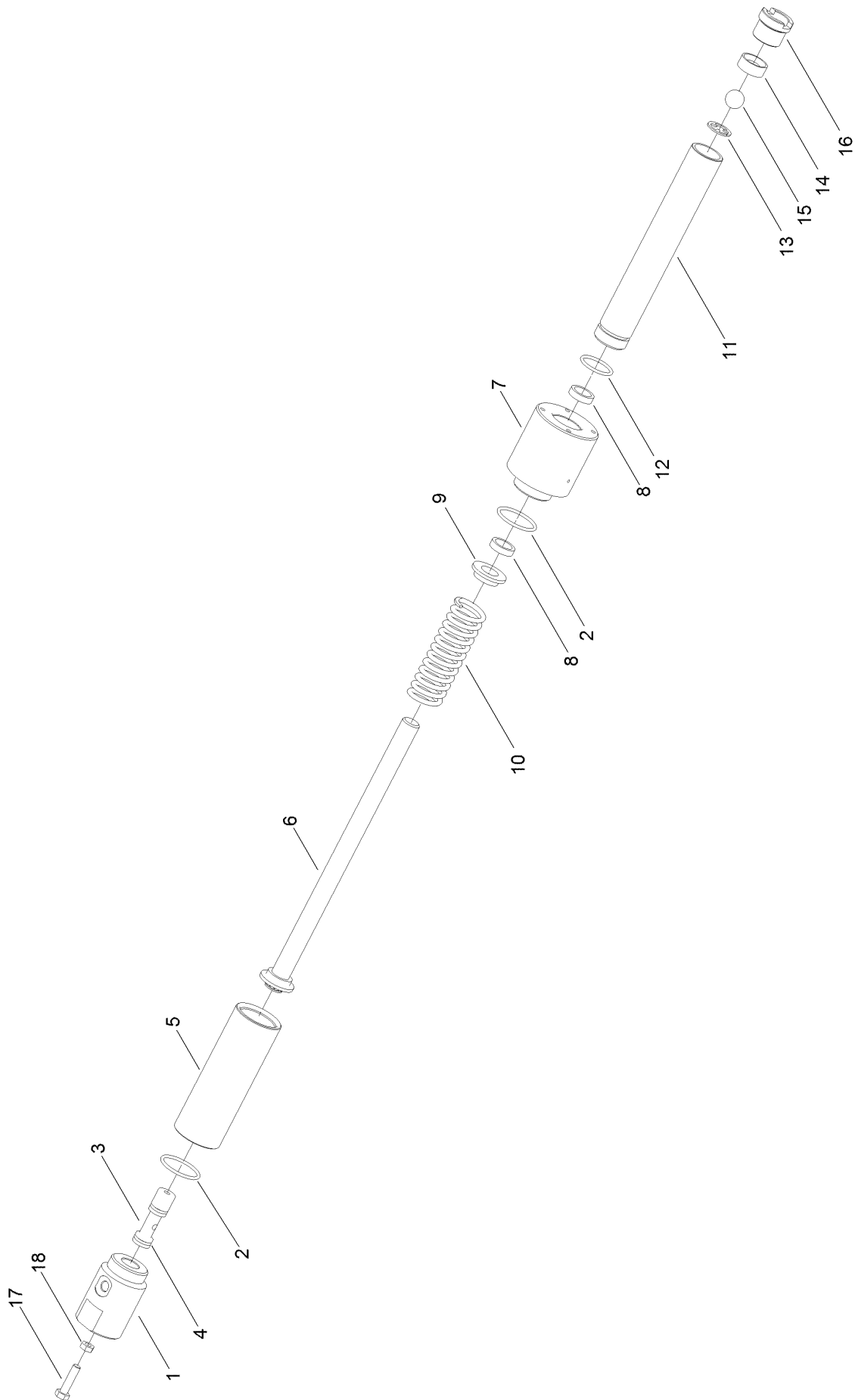
Tool Joint Lube Applicator Assembly



Tool Joint Lube Applicator Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	1-543792	2	Wingnut	11	3256-24	2	Washer-Flat
2	104-3082	1	Nut-Lock, HHF	12	33103-025	4	Screw-HHF
3	120-9678	4	Screw-HHF	13	33104-025	3	Screw-HHF
4	125-4539	1	Spray Nozzle ASM	14	AU01DT9904	1	Compound-Thread
4:1	125-4540	1	Nozzle-Spray, Airless	15	AU108640-03	1	Plate
4:2	125-4541	1	Orifice Insert ASM	16	AU108641-03	1	Plate
5	340-1	1	Fitting-Str	17	AU108790-03	1	Cover-Applicator, Lube
5:1	237-21	1	O-Ring	18	AU108814	1	Seal-Rubber, Follower
5:2	237-42	1	O-Ring	19	AU108837	1	HYD Grease Pump ASM
6	340-78	1	Nut-Lock	20	AU109840-03	1	Cover-Grease Tied Down
7	340-92	1	Fitting-Straight	21	AU119788	1	HYD Hose ASM
7:1	237-78	1	O-Ring	22	AU121079-03	1	Bracket-Mount, Nozzle
7:2	237-21	1	O-Ring	23	AU121080-03	1	Mount-Slide, Nozzle
8	353-990	1	Plug ASM	24	AU8OA90404	1	Fitting-Straight
8:1	237-78	1	O-Ring	24:1	237-21	1	O-Ring
9	3229-5	2	Screw-CARR	24:2	237-78	1	O-Ring
10	3256-22	6	Washer-Flat	25	AU8SA31004	1	Reducer-Straight, Threaded

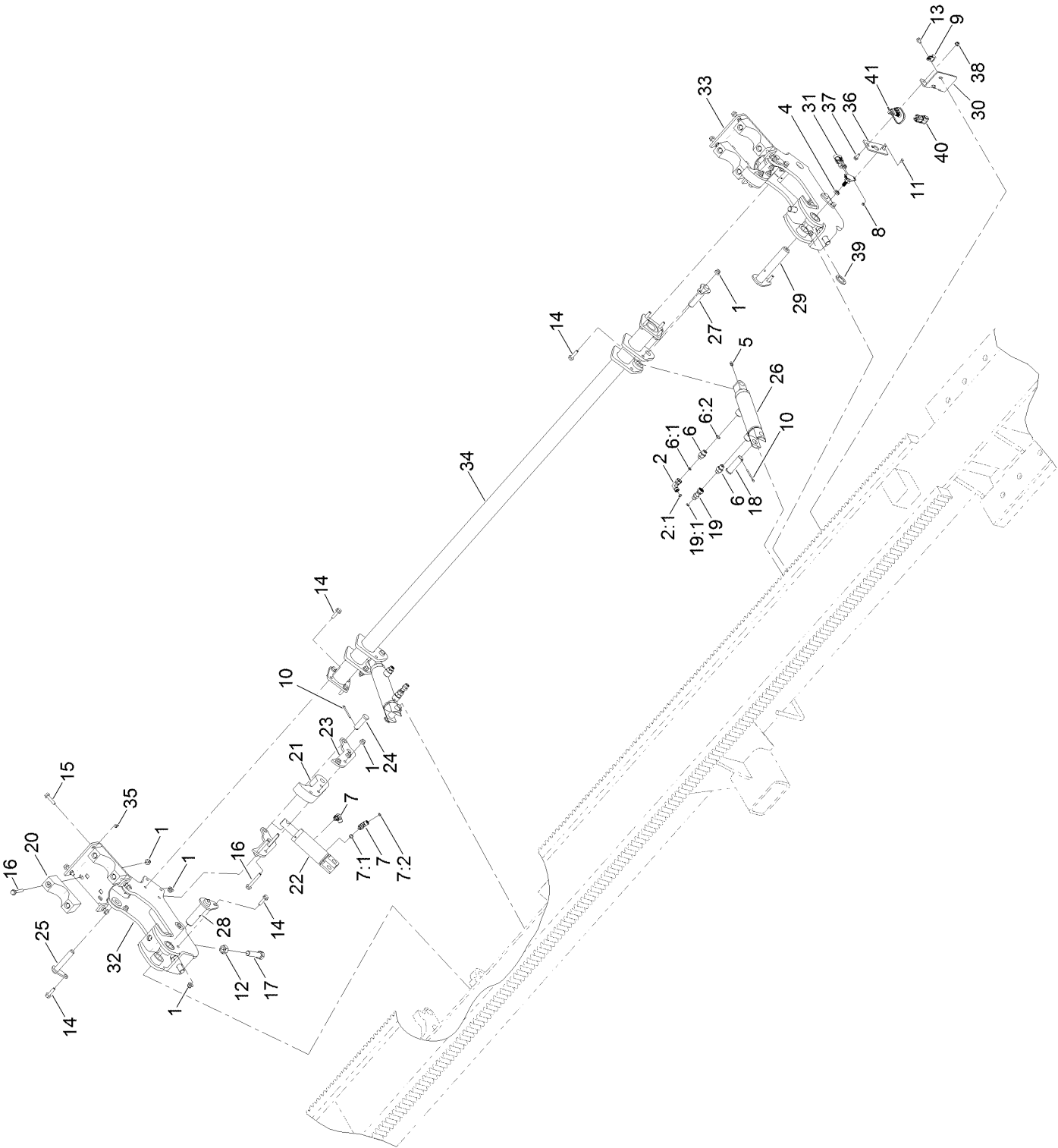
Grease Pump Assembly No. AU108837



Grease Pump Assembly No. AU108837 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU108858-03	1	Cap-Cylinder	10	AU108870	1	Spring
2	AU8HS51920	2	Seal-O Ring	11	AU108866-03	1	Barrel-Pump
3	AU108861	1	Spool-Adjusting	12	AU8HS51916	1	Seal-O Ring
4	AU238-5113	2	O-Ring	13	AU108860	1	Clip-Retainer
5	AU108862-03	1	Barrel-Cylinder	14	AU108867	1	Valve-Seat
6	AU108865	1	Plunger	15	AU108869	1	Ball-Steel, Stainless
7	AU108859-03	1	Body-Pump	16	AU108868	1	Tube-Inlet
8	AU8HS10002	2	Seal-Deep	17	322-47	1	Screw-HH
9	AU108863	1	Guide-Rod	18	3218-2	1	Nut-Jam

Rod Loader Assembly



Rod Loader Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-3082	30	Nut-Lock, HHF	21	AU117449	2	Insert-Gripper
2	92-2745	1	Fitting-Adaptor	22	AU117558	2	HYD Cylinder ASM
2:1	237-21	1	O-Ring	22:1	131-0171	1	Piston Seal Kit ●
4	112-8617	1	Nut-Hex	22:2	131-0172	1	Gland Seal Kit ●
5	302-57	3	Fitting-Grease	23	AU117581-03	4	Gripper
6	340-1	4	Fitting-Str	24	AU117727	2	Pin-Clevis
6:1	237-21	1	O-Ring	25	AU117806	4	Pin-Pivot (W/ Flag)
6:2	237-42	1	O-Ring	26	AU117809	2	Cylinder ASM
7	340-132	4	Fitting-90 DEG	26:1	131-0171	1	Piston Seal Kit ●
7:1	237-78	1	O-Ring	26:2	131-0172	1	Gland Seal Kit ●
7:2	237-21	1	O-Ring	27	AU118041	2	Pin-Pivot
8	127-2018	2	Nut-HHF	28	AU118048	1	Pin-Pivot, Cam
9	2412-93	1	Clamp-R	29	AU124261	1	Pin-Pivot
10	3272-19	4	Pin-Cotter	30	132-4172-03	1	Bracket-Loader, Rod
11	60-6500	2	Screw-HH	31	131-0177	1	Sensor-Rotary
12	33018-00	4	Nut-Hex	32	AU126409-03	1	Loader-Rod, Rear
13	33103-012	2	Screw-HHF	33	AU126410-03	1	Loader-Rod, Front
14	33104-030	16	Screw-HHF	34	AU126418-03	1	Rod-Tie
15	33104-035	8	Screw-HHF	35	117-4059	8	Nut-Hex
16	33104-060	14	Screw-HHF	36	132-4173-03	1	Plate-Sensor
17	AU120624	4	Screw-HH	37	33103-016	2	Screw-HHF
18	AU109885	2	Pin-Clevis	38	81-0130	2	Nut-Flange, NI
19	AU111506	2	Fitting-Straight	39	3-8514	1	Washer-Thrust
19:1	237-21	1	O-Ring	40	122-0673	1	Harness-Adaptor, Sensor
20	AU117448	4	Holder-Pipe	41	3290-378	2	Tie-Cable

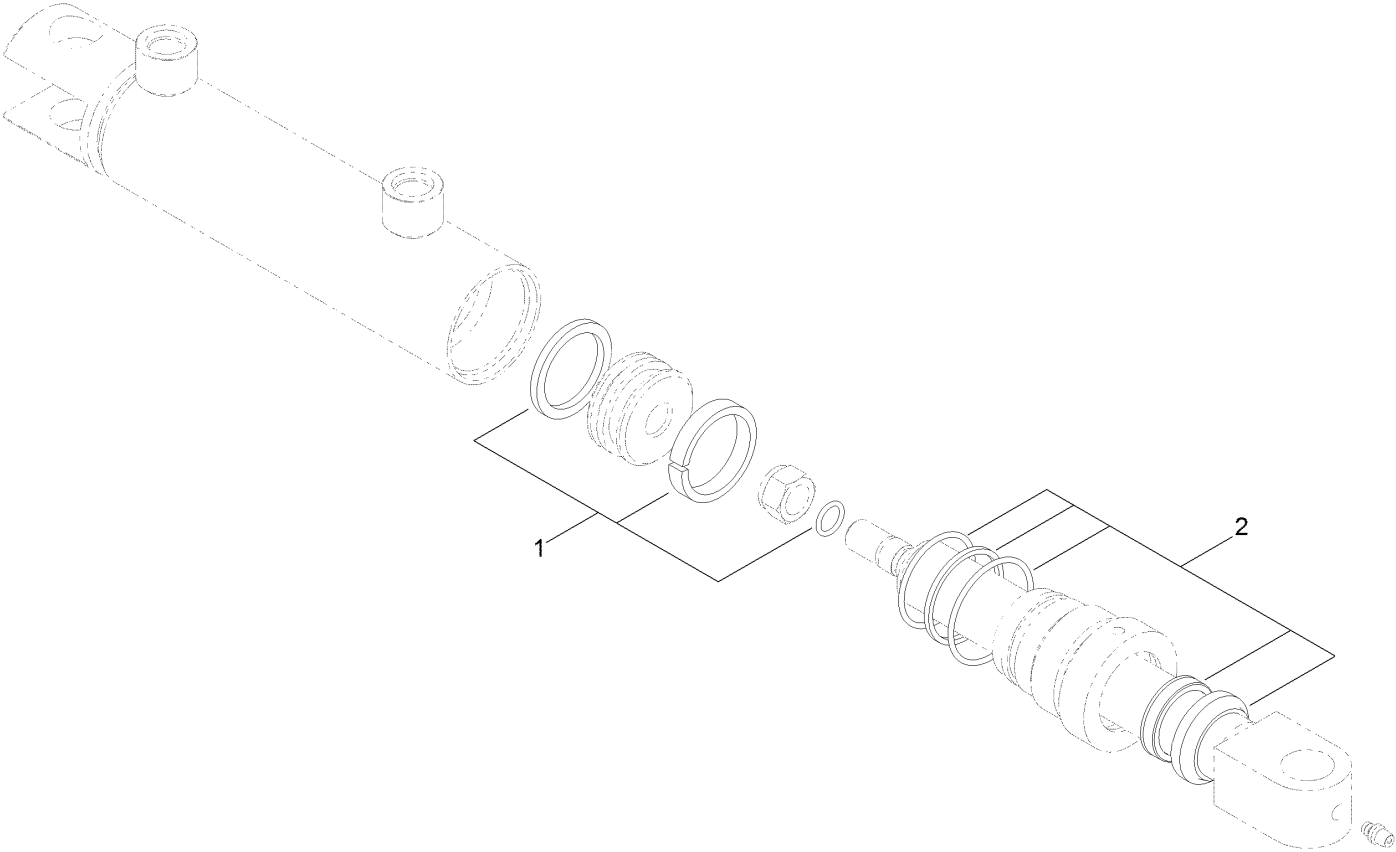
● Not illustrated

Hydraulic Cylinder Assembly No. AU117558

Hydraulic Cylinder Assembly No. AU117558 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0171	1	Piston Seal Kit
2	131-0172	1	Gland Seal Kit

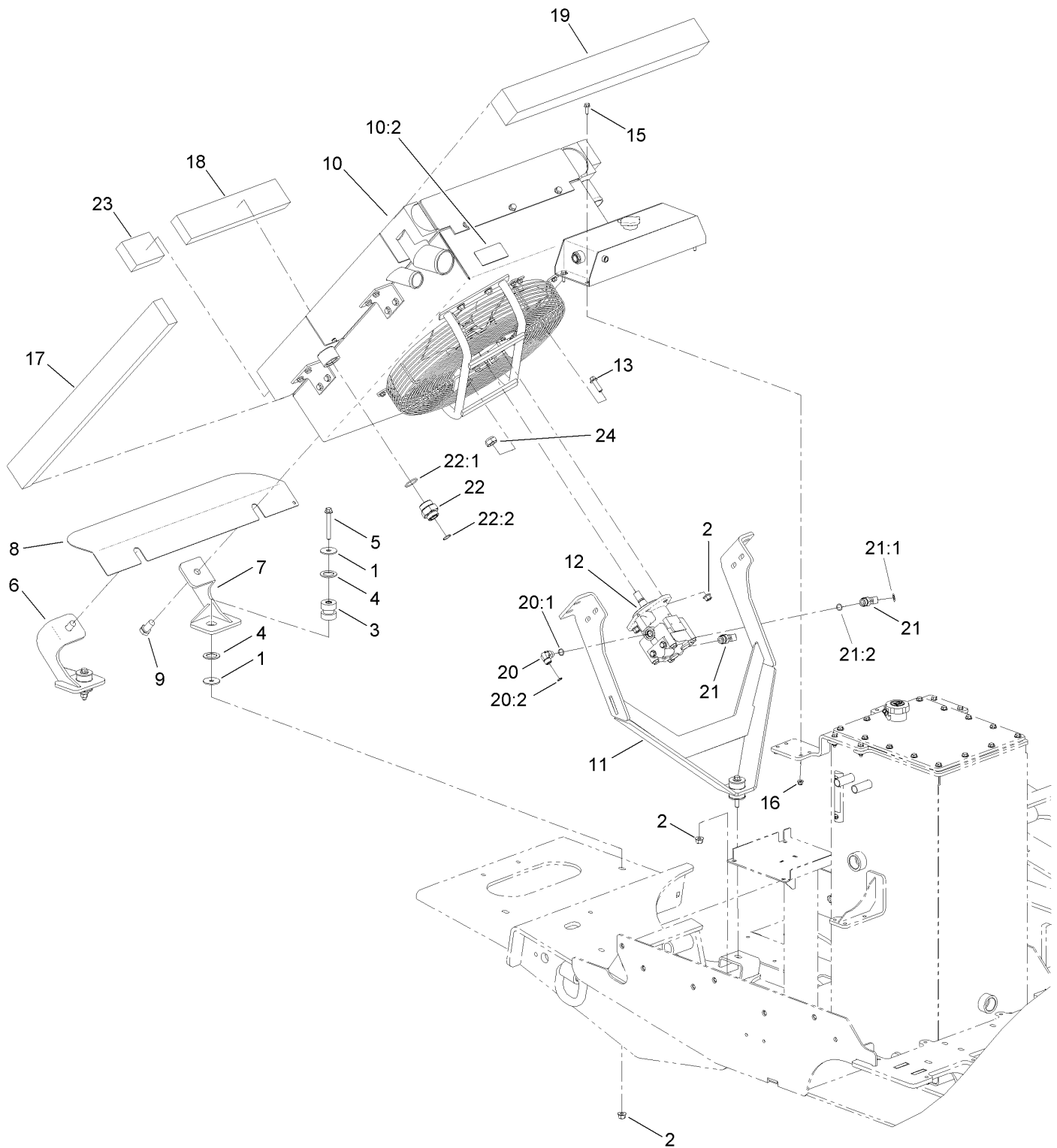
Hydraulic Cylinder Assembly No. AU117809



Hydraulic Cylinder Assembly No. AU117809 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-0171	1	Piston Seal Kit
2	131-0172	1	Gland Seal Kit

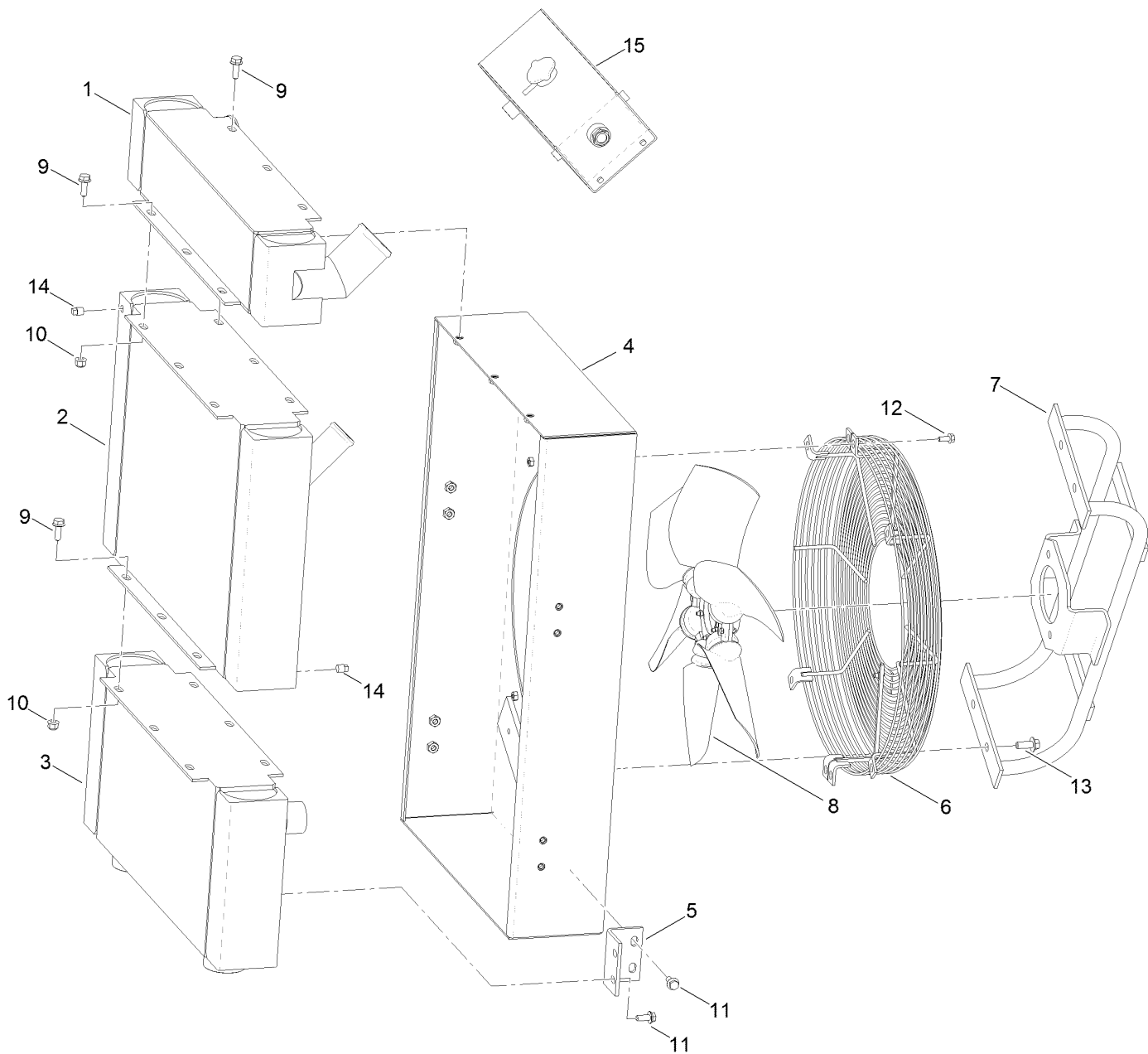
Cooling Package Assembly



Cooling Package Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU496-81018	6	Washer-Flat	16	104-3082	4	Nut-Lock, HHF
2	115-1115	5	Nut-Lock, HHF	17	AU130577	2	Foam-Polyurethane
3	AU8NG28121	3	Isolator-Mounting, Universal	18	AU130647	1	Foam-Polyurethane
4	AU495-81203	6	Washer	19	AU124069	1	Foam-Polyurethane
5	33106-090	3	Screw-HHF	20	340-98	1	Fitting-HYD, 90 DEG
6	AU130574-03	1	Support-Isolator, LH	20:1	237-79	1	O-Ring
7	AU130567-03	1	Support-Isolator, RH	20:2	237-30	1	O-Ring
8	AU130581-03	1	Plate-Seal, Rear Hood	21	340-89	2	Fitting-HYD, 45 DEG
9	AU426-1224	2	Bolt	21:1	237-30	1	O-Ring
10	127-0943	1	Cooling ASM	21:2	237-80	1	O-Ring
10:2	125-6127	1	Decal-Rotating Fan Hazard	22	340-80	2	Fitting-Str
11	125-6585-03	1	Isolator-Support	22:1	237-101	1	O-Ring
12	AU118007	1	HYD Motor ASM	22:2	340-65	1	O-Ring
13	33106-040	2	Screw-HHF	23	127-0978	2	Foam-Polyurethane
15	33104-025	4	Screw-HHF	24	3296-67	1	Nut-Lock, NI

Cooler Assembly No. 127-0943

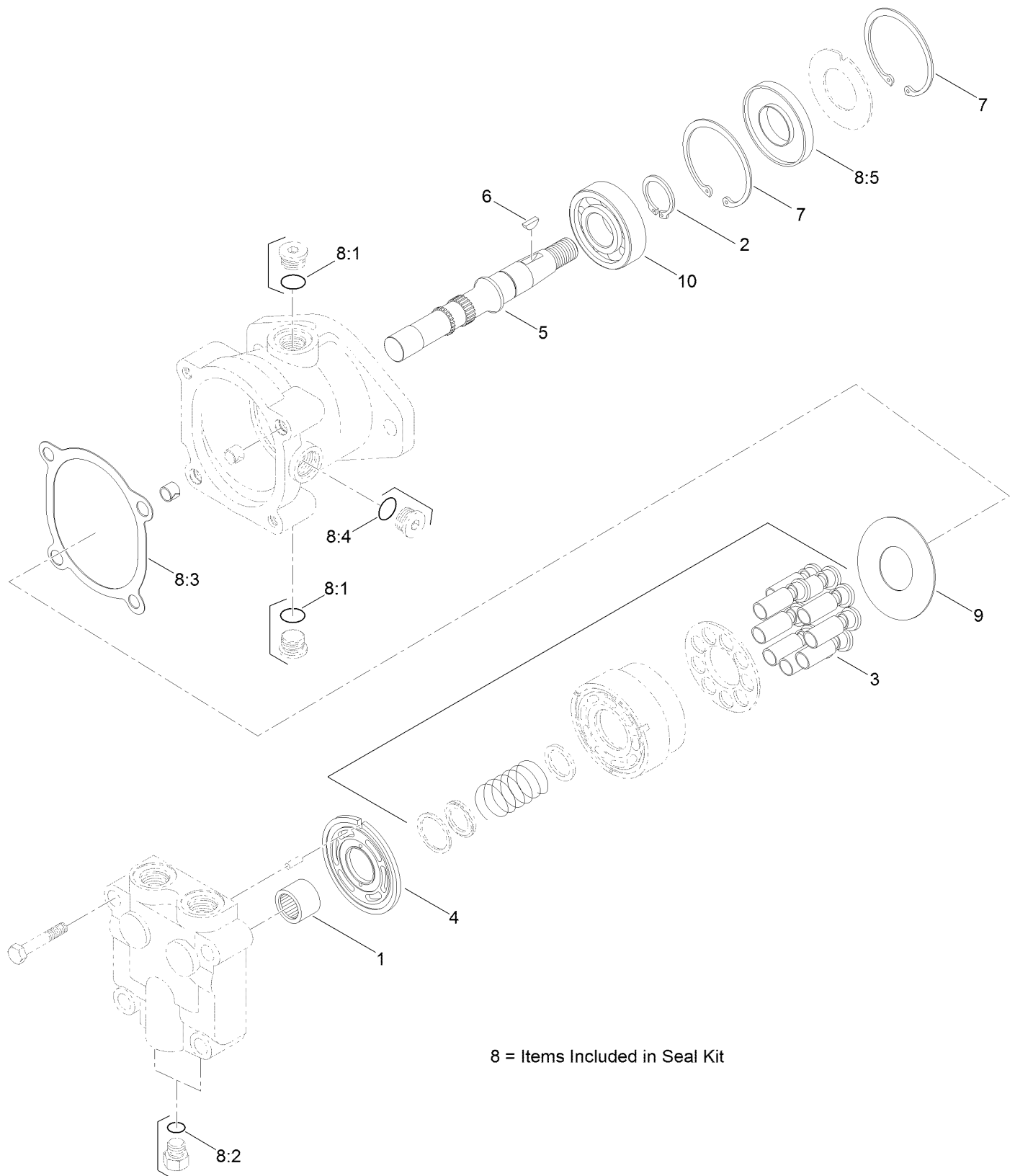


Cooler Assembly No. 127-0943 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU130370	1	Cooler-Air, Charge
2	AU130371	1	Cooler-Radiator
3	AU130372	1	Cooler-Oil
4	AU130378	1	Shroud-Fan
5	125-6569	4	Plate-Mounting, Shroud
6	AU118001	1	Guard-Fan, 22 Inch
7	AU117996	1	Bracket-Mounting
8	130-7415	1	Fan-Cooling, 22 Inch

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	33105-030	4	Screw-HHF
10	103-9511	12	Nut-Lock, NI
11	33105-025	16	Screw-HHF
12	33104-020	8	Screw-HHF
13	33106-030	15	Screw-HHF
14	281-1	1	Plug-Pipe, SQH
15	AU118080	1	Tank-Fill/Surge

Hydraulic Motor Assembly No. AU118007



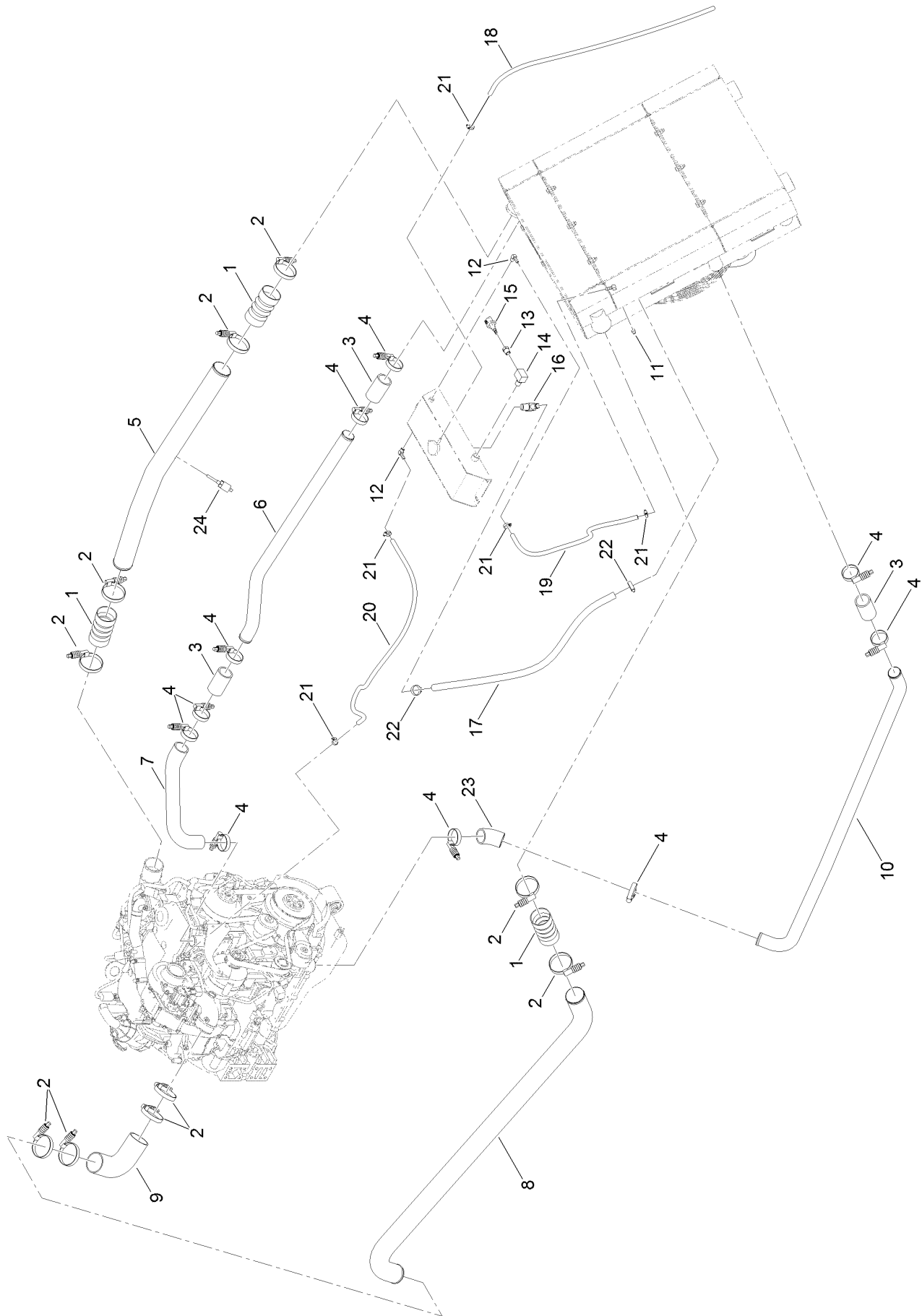
8 = Items Included in Seal Kit

Hydraulic Motor Assembly No. AU118007 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-6488	1	Bearing-Needle
2	125-5280	1	Ring-Retaining
3	131-7619	9	Piston ASM
4	131-7620	1	Plate-Valve
5	131-7644	1	Shaft-Motor
6	131-8612	1	Key
7	131-8616	2	Ring-Retaining
8	131-8633	1	Overhaul Seal Kit

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8:1	75-0240	2	O-Ring
8:2	92-8777	2	O-Ring
8:3	131-7618	1	Gasket-Cap, End
8:4	28-3570	1	O-Ring
8:5	127-6214	1	Seal-Lip
9	75-0400	1	Plate-Thrust
10	75-0460	1	Bearing-Ball

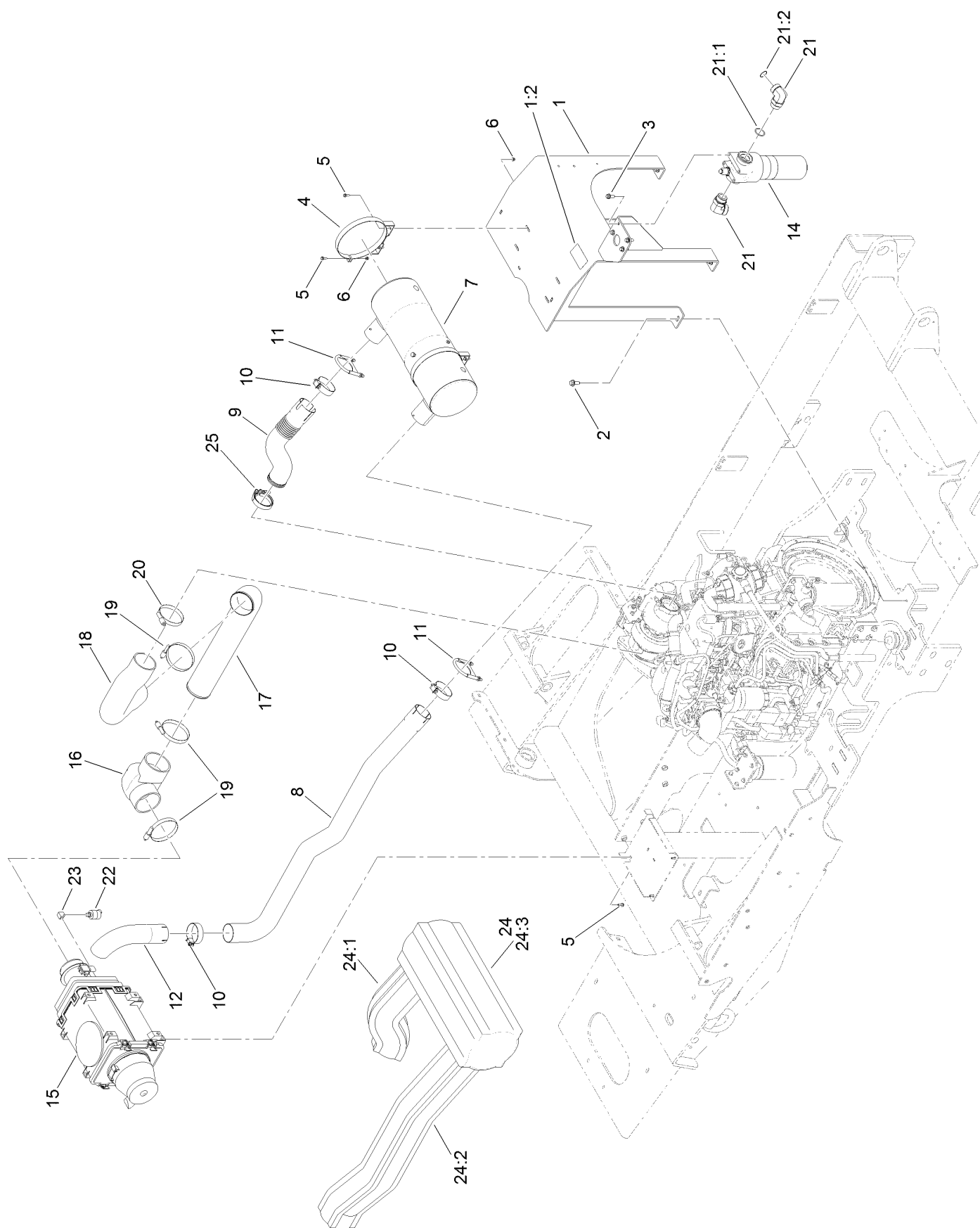
Cooling Package Hose Assembly



Cooling Package Hose Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU122225	3	Connector-Hose	13	96-0866	1	Fitting-Straight
2	AU21001153	10	Clamp-Torque, Constant	14	93-1339	1	Elbow-Street, 90 DEG
3	AU119806	3	Hose-Connecting	15	AU120127	1	Sensor-Level, Coolant
4	AU110569	10	Clamp-Torque, Constant	16	AU217-135	1	Stem-90, Bead Hose
5	AU130257	1	Tube-Charge Air Out	17	127-0947	1	Hose-Coolant
6	AU130305	1	Tube-Radiator	18	127-0948	1	Hose-Coolant
7	AU130451	1	Hose-Radiator, Molded	19	127-0949	1	Hose-Coolant
8	AU130307	1	Tube-Charge Air In	20	127-0950	1	Hose-Coolant
9	AU130358	1	Elbow-90	21	2412-36	5	Clamp-Hose
10	AU130137	1	Tube-Radiator, Out	22	2412-34	2	Clamp-Hose
11	281-1	1	Plug-Pipe, SQH	23	AU130857	1	Hose-Coolant, 45 Degree
12	354-93	3	Fitting-Elbow, 90	24	AU129089	1	Transducer-Temperature

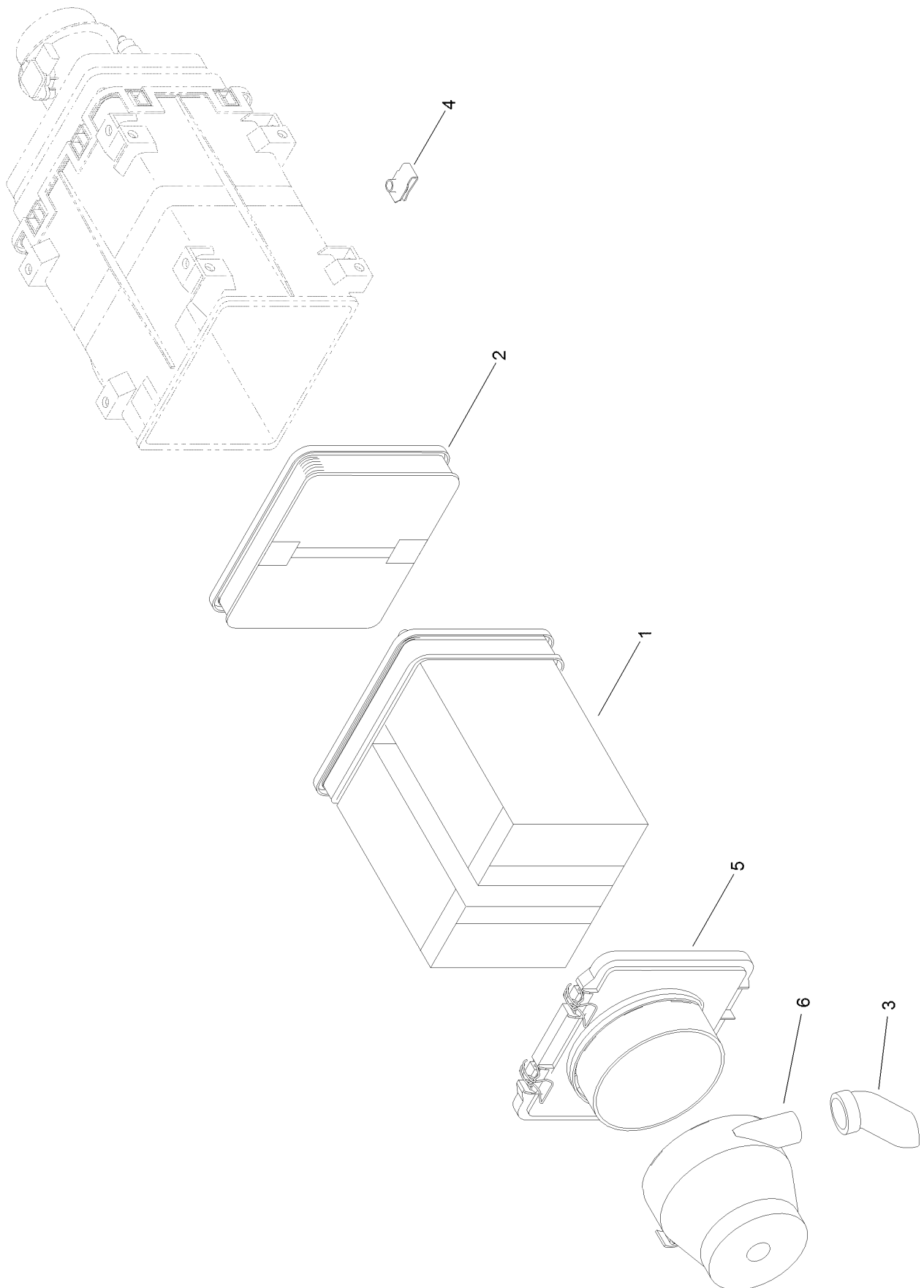
Engine Intake and Exhaust Assembly



Engine Intake and Exhaust Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0944	1	Exhaust Mount ASM	16	AU130446	1	Elbow-Intake, Air Cleaner
1:2	125-6129	1	Decal-Warning, Hot Surface	17	AU130308	1	Tube-Intake, Turbo
2	33106-020	4	Screw-HHF	18	AU130458	1	Hose-Intake, Turbo
3	3234-42	4	Screw-HHF	19	AU102427	3	Clamp-Torque, Constant
4	AU117217	2	Band-Mounting, Muffler	20	AU102431	1	Clamp-Torque, Constant
5	33103-020	10	Screw-HHF	21	340-52	2	Fitting-Elbow 90
6	81-0130	6	Nut-Flange, NI	21:1	237-101	1	O-Ring
7	125-6546	1	Exhaust	21:2	340-64	1	O-Ring
8	AU130306	1	Tube-Exhaust, Out	22	AU293797A1	1	Switch ASM
9	AU130386	1	Tube-Exhaust, Turbo	23	AU217-1050	1	Fitting-Elbow, 90
10	AU130579	3	Clamp-Torctite	24	AU130657	1	Exhaust Wrap ASM
11	AU8NG28118	2	Clamp-Guillotine	24:1	136-6946	1	Wrap-Exhaust, Inlet Elbow
12	AUP206302	1	Pipe-Stack	24:2	136-6947	1	Wrap-Exhaust, Outlet Elbow
14	AU118636	1	Filter-HYD, High Pressure	24:3	136-6948	1	Wrap-Exhaust, Muffler
15	125-6545	1	Air Cleaner ASM	25	AUA170467	1	Clamp

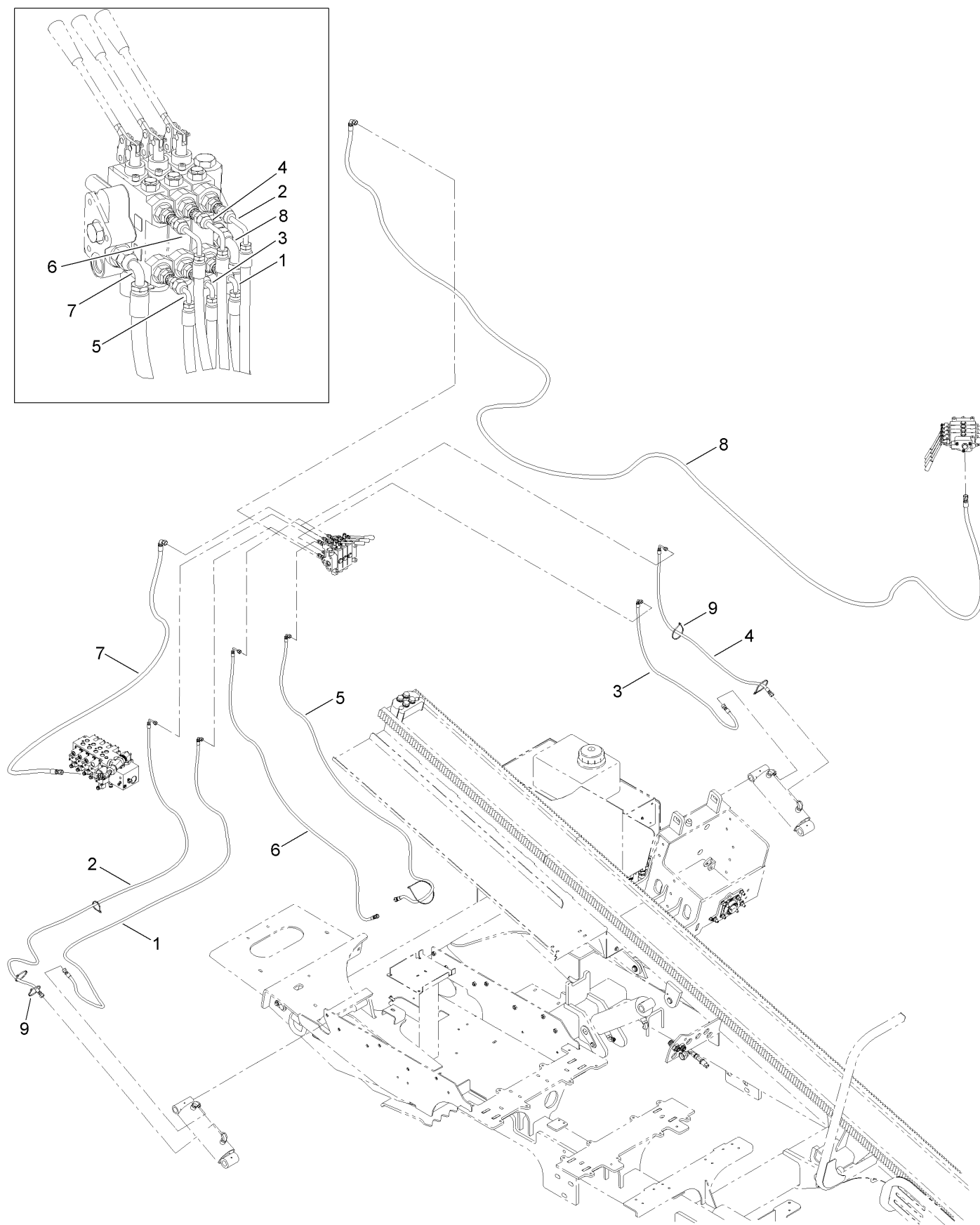
Air Cleaner Assembly No. 125-6545



Air Cleaner Assembly No. 125-6545 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-7352	1	Cleaner-Air, Primary	4	131-8647	4	Clip-Mounting, M6
2	131-0199	1	Secondary Element	5	131-8648	1	Cover-Service, Front
3	131-8646	1	Valve-Ejection, Dust	6	131-8649	1	Pre-Cleaner

3 Spool Valve Hydraulic Plumbing Assembly

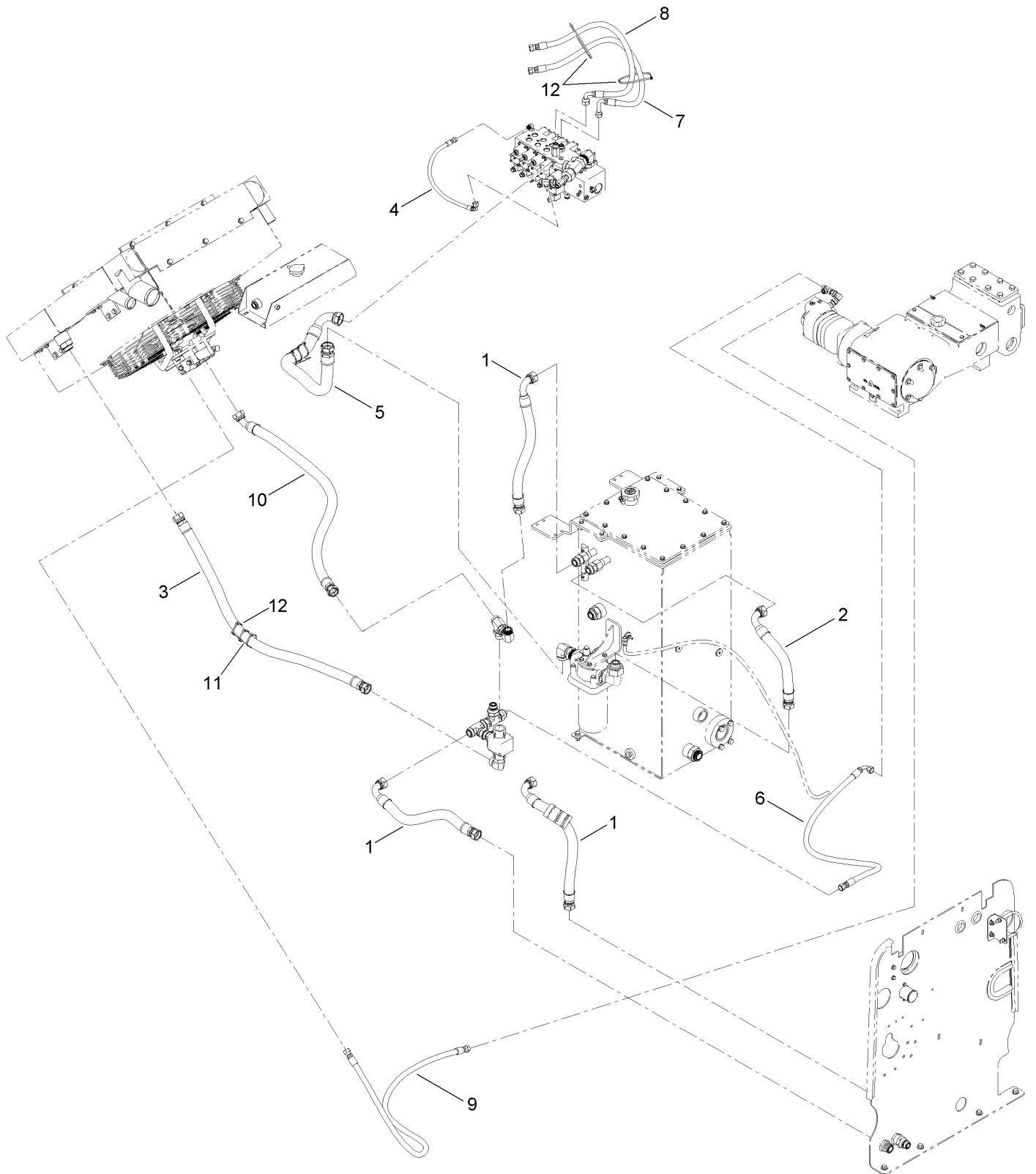


3 Spool Valve Hydraulic Plumbing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119767	1	Hose ASM-HYD
2	AU119768	1	Hose ASM-HYD
3	AU119769	1	Hose ASM-HYD
4	AU119770	1	Hose ASM-HYD
5	AU119771	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	AU119772	1	Hose ASM-HYD
7	AU119799	1	Hose ASM-HYD
8	AU121093	1	Hose ASM-HYD
9	3290-379	6	Tie-Cable

Hydraulic Tank Hose Plumbing Assembly



Hydraulic Tank Hose Plumbing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119779	3	Hose ASM-HYD	7	AU120426	1	Hose ASM-HYD
2	AU119790	1	Hose ASM-HYD	8	AU120427	1	Hose ASM-HYD
3	AU119798	1	Hose ASM-HYD	9	AU120428	1	Hose ASM-HYD
4	AU119801	1	Hose ASM-HYD	10	AU119796	1	Hose ASM-HYD
5	AU120423	1	Hose ASM-HYD	11	AU112950	3	Protector-Hose, 4 Inch
6	AU120425	1	Hose ASM-HYD	12	3290-379	11	Tie-Cable

Track Pod Hydraulic Plumbing Assembly

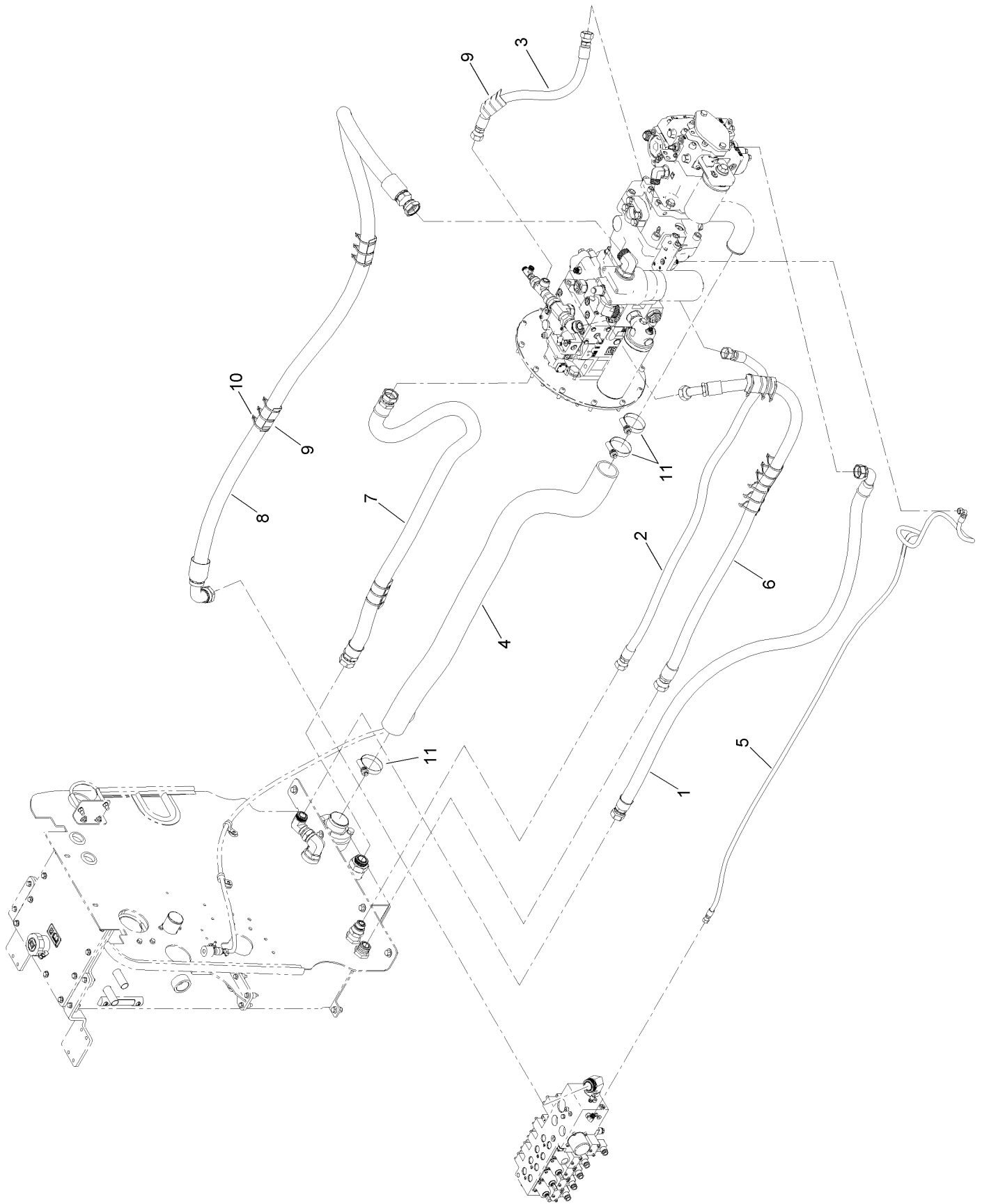


Track Pod Hydraulic Plumbing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119747	1	Hose ASM-HYD
2	AU119748	1	Hose ASM-HYD
3	AU119749	1	Hose ASM-HYD
4	AU119750	1	Hose ASM-HYD
5	127-0855	1	Hose ASM-HYD
6	AU119775	1	Hose ASM-HYD
7	127-0770	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	AU119778	1	Hose ASM-HYD
9	AU119783	1	Hose ASM-HYD
10	AU121962	1	Hose ASM-HYD
11	127-0868	1	Hose ASM-HYD
12	AU121097	1	Hose ASM-HYD
13	AU112950	1	Protector-Hose, 4 Inch
14	3290-379	4	Tie-Cable

Hydraulic Pump Hose Assembly No. 1

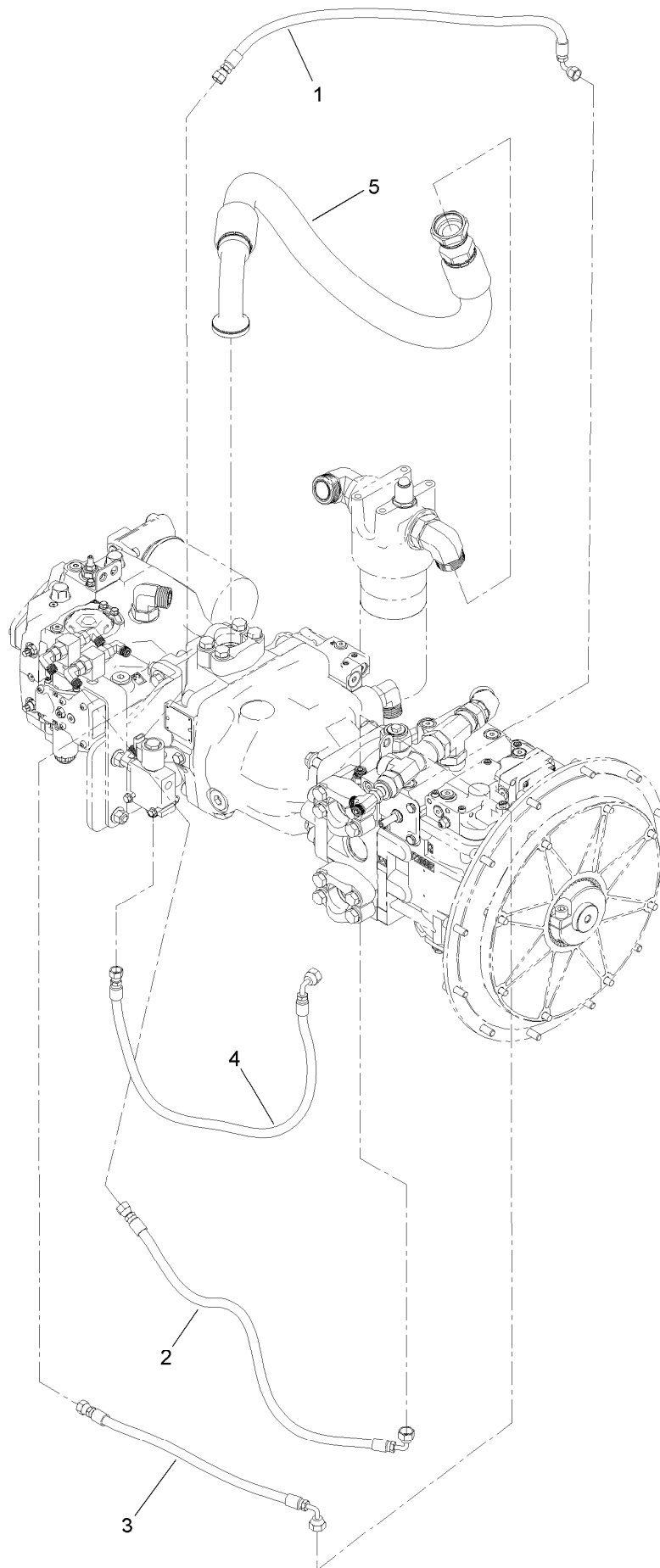


Hydraulic Pump Hose Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU121089	1	Hose ASM-HYD
2	AU126529	1	Hose ASM-HYD
3	AU119776	1	Hose ASM-HYD
4	AU119795	1	Hose-Suction
5	AU120424	1	Hose ASM-HYD
6	AU120735	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	AU120737	1	Hose ASM-HYD
8	AU121870	1	Hose ASM-HYD
9	AU112950	7	Protector-Hose, 4 Inch
10	3290-379	21	Tie-Cable
11	104-9240	3	Clamp-Hose

Hydraulic Pump Hose Assembly No. 2

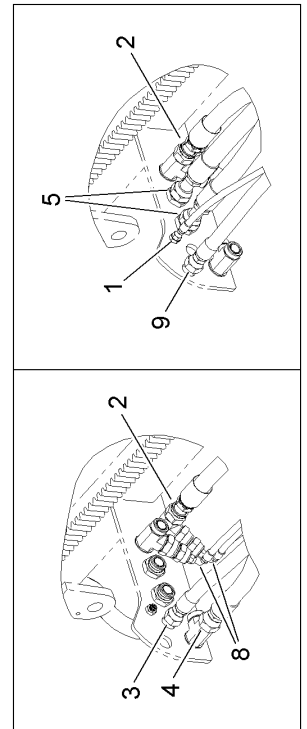
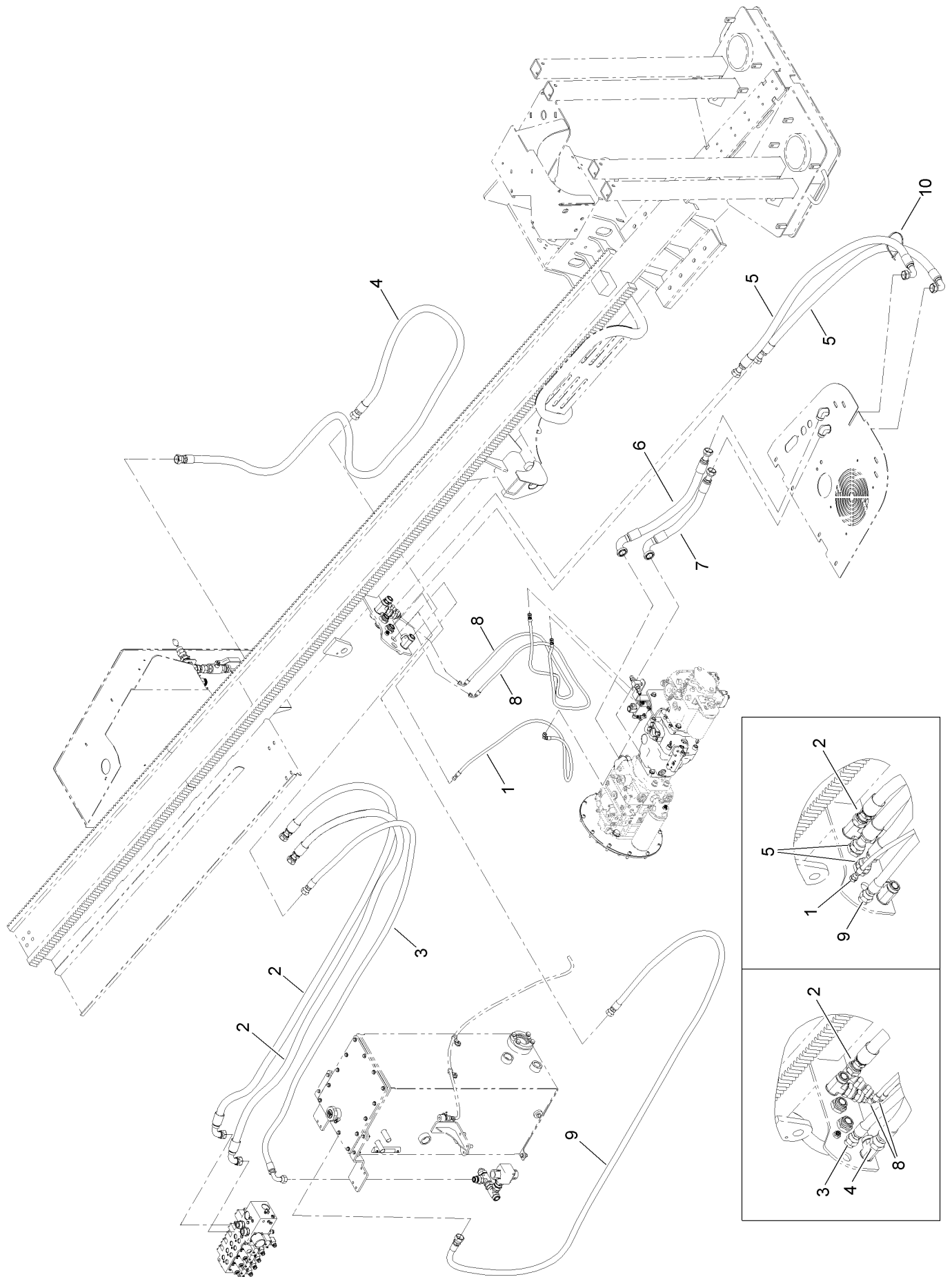


Hydraulic Pump Hose Assembly No. 2 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119797	1	Hose ASM-HYD
2	127-0857	1	Hose ASM-HYD
3	AU120430	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU126526	1	Hose ASM-HYD
5	AU121899	1	Hose ASM-HYD

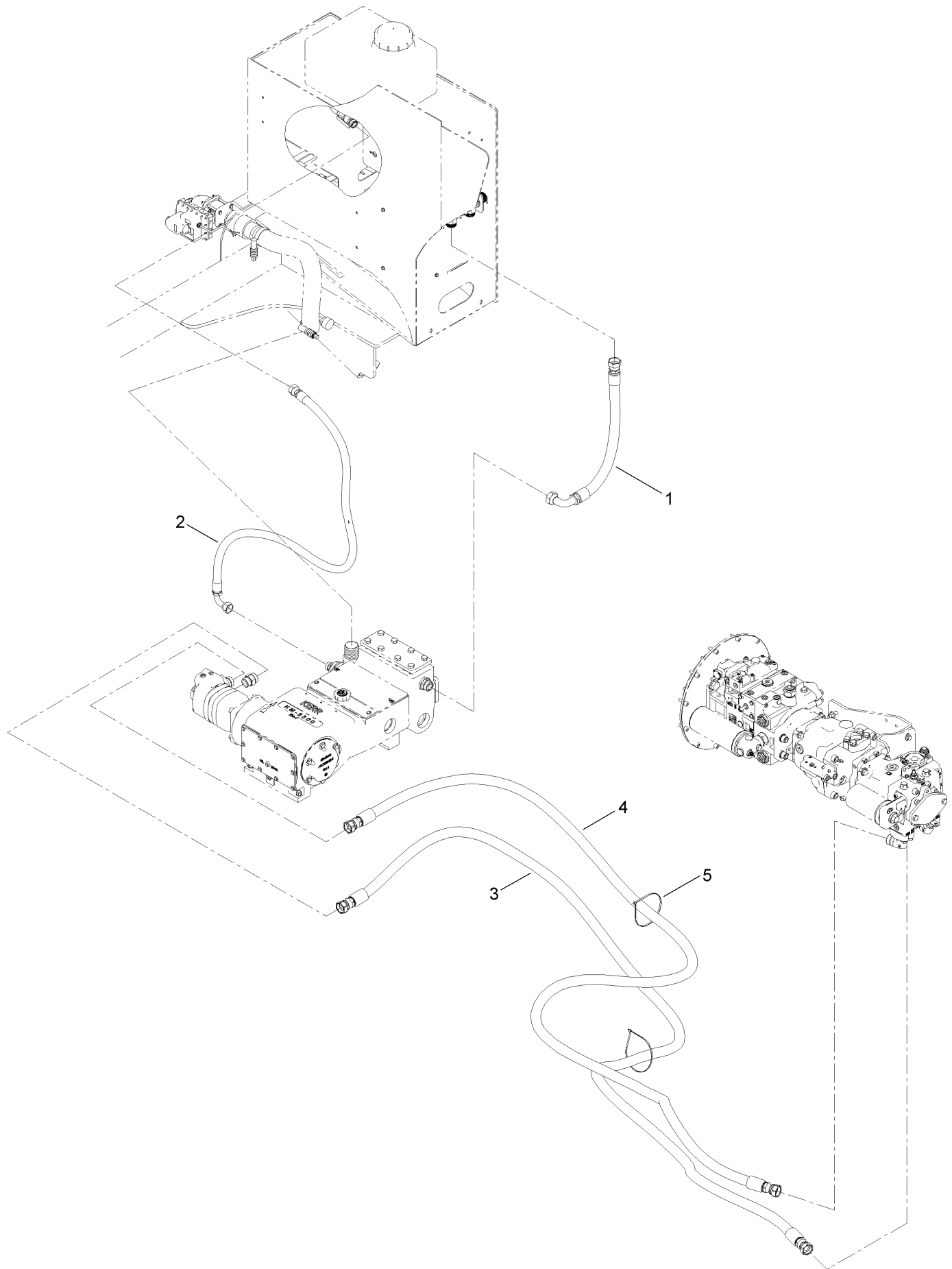
Hydraulic Pump Hose Assembly No. 3



Hydraulic Pump Hose Assembly No. 3 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU120738	1	Hose ASM-HYD	6	AU126533	1	Hose ASM-HYD
2	AU120740	2	Hose ASM-HYD	7	AU126534	1	Hose ASM-HYD
3	AU120745	1	Hose ASM-HYD	8	AU120734	2	Hose ASM-HYD
4	AU120746	1	Hose ASM-HYD	9	127-0862	1	Hose ASM-HYD
5	AU126530	2	Hose ASM-HYD	10	3334-945	2	Tie-Cable

Hydraulic Pump Hose Assembly No. 4

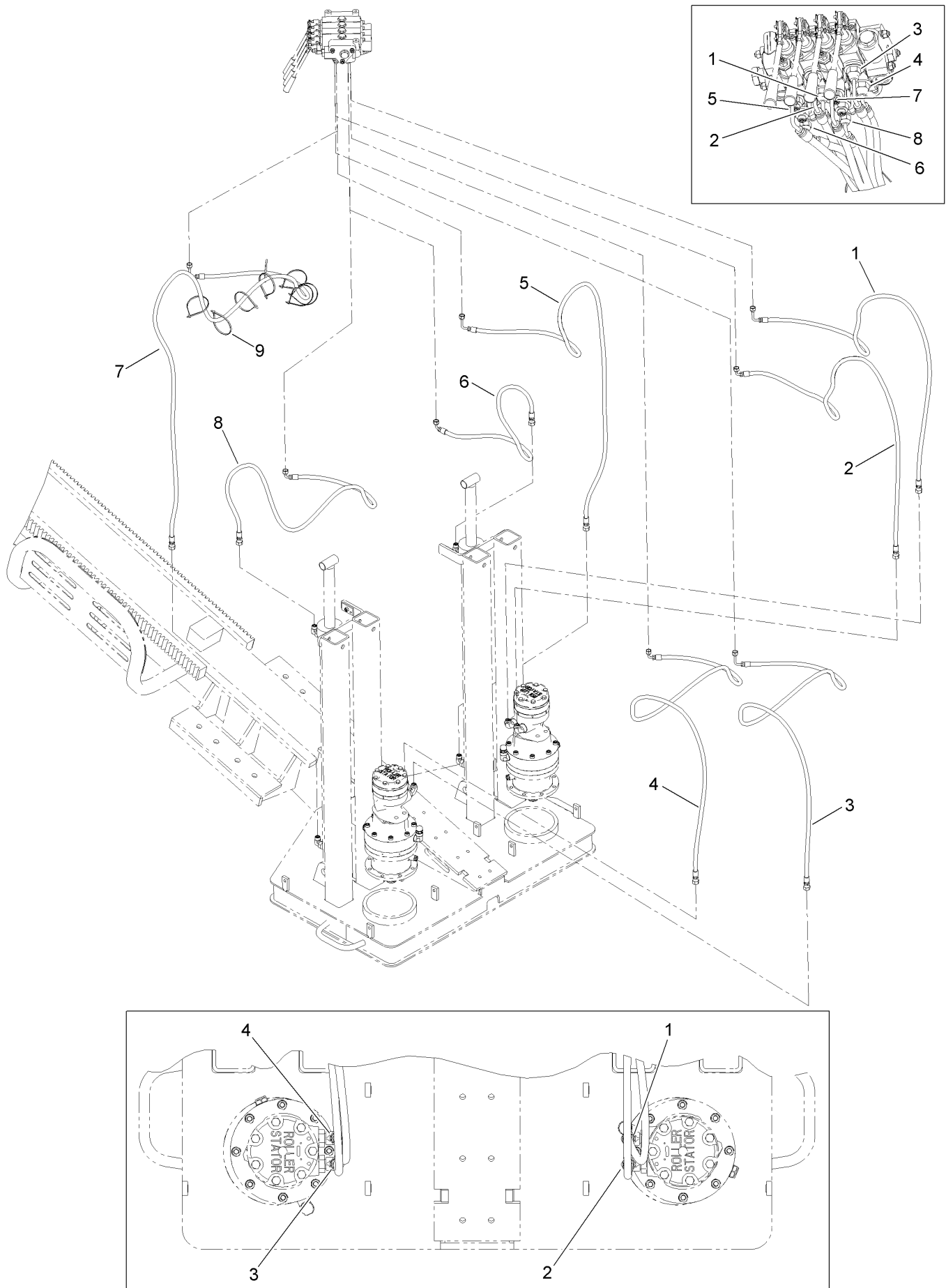


Hydraulic Pump Hose Assembly No. 4 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU117617	1	Hose ASM-HYD
2	AU119780	1	Hose ASM-HYD
3	AU126527	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU126528	1	Hose ASM-HYD
5	3290-379	2	Tie-Cable

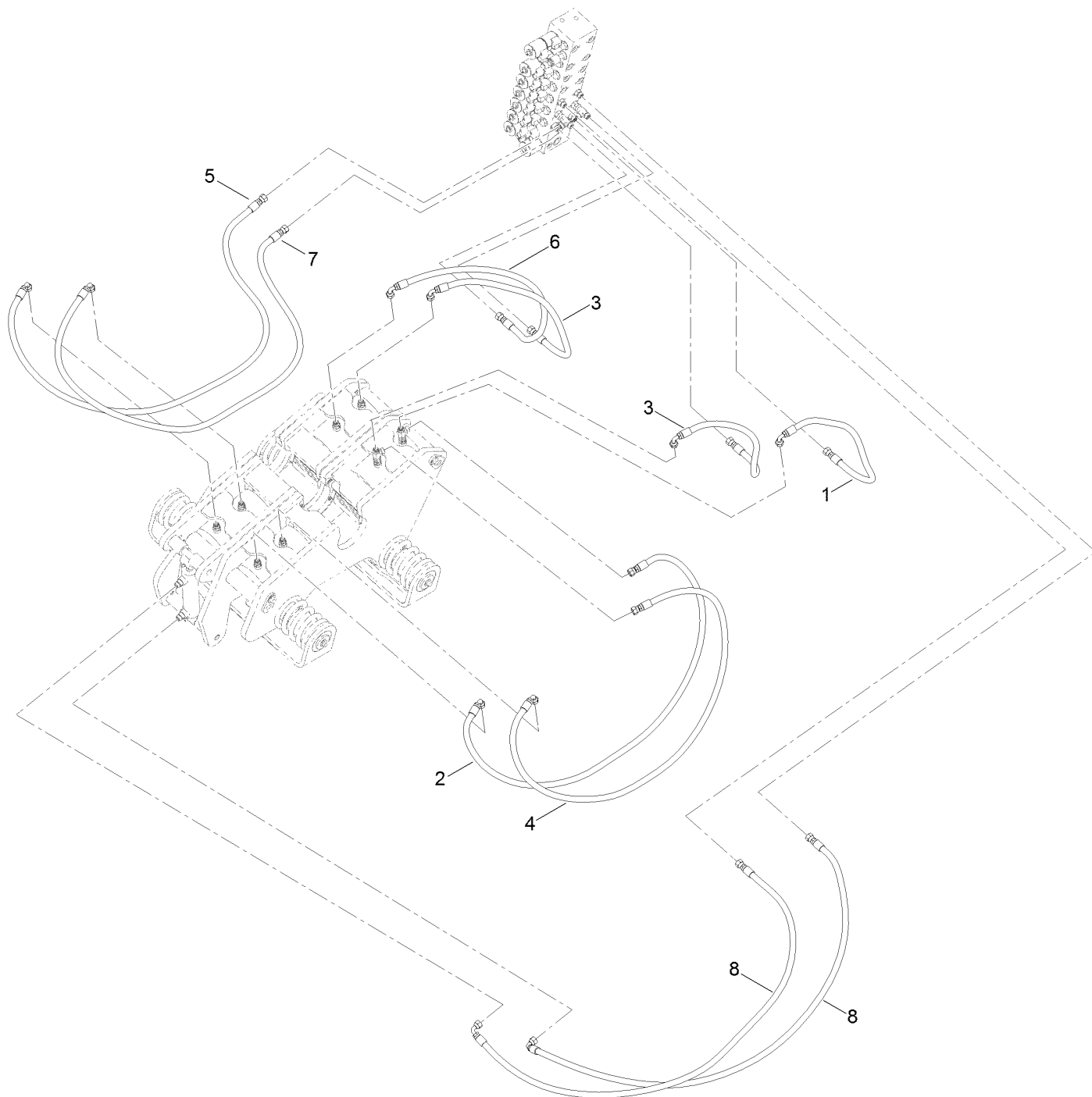
Thrust Frame Hydraulic Hose Assembly No. 1



Thrust Frame Hydraulic Hose Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU126536	1	Hose ASM-HYD	6	AU126541	1	Hose ASM-HYD
2	AU126537	1	Hose ASM-HYD	7	AU126542	1	Hose ASM-HYD
3	AU126538	1	Hose ASM-HYD	8	AU126543	1	Hose ASM-HYD
4	AU126539	1	Hose ASM-HYD	9	3290-379	8	Tie-Cable
5	AU126540	1	Hose ASM-HYD				

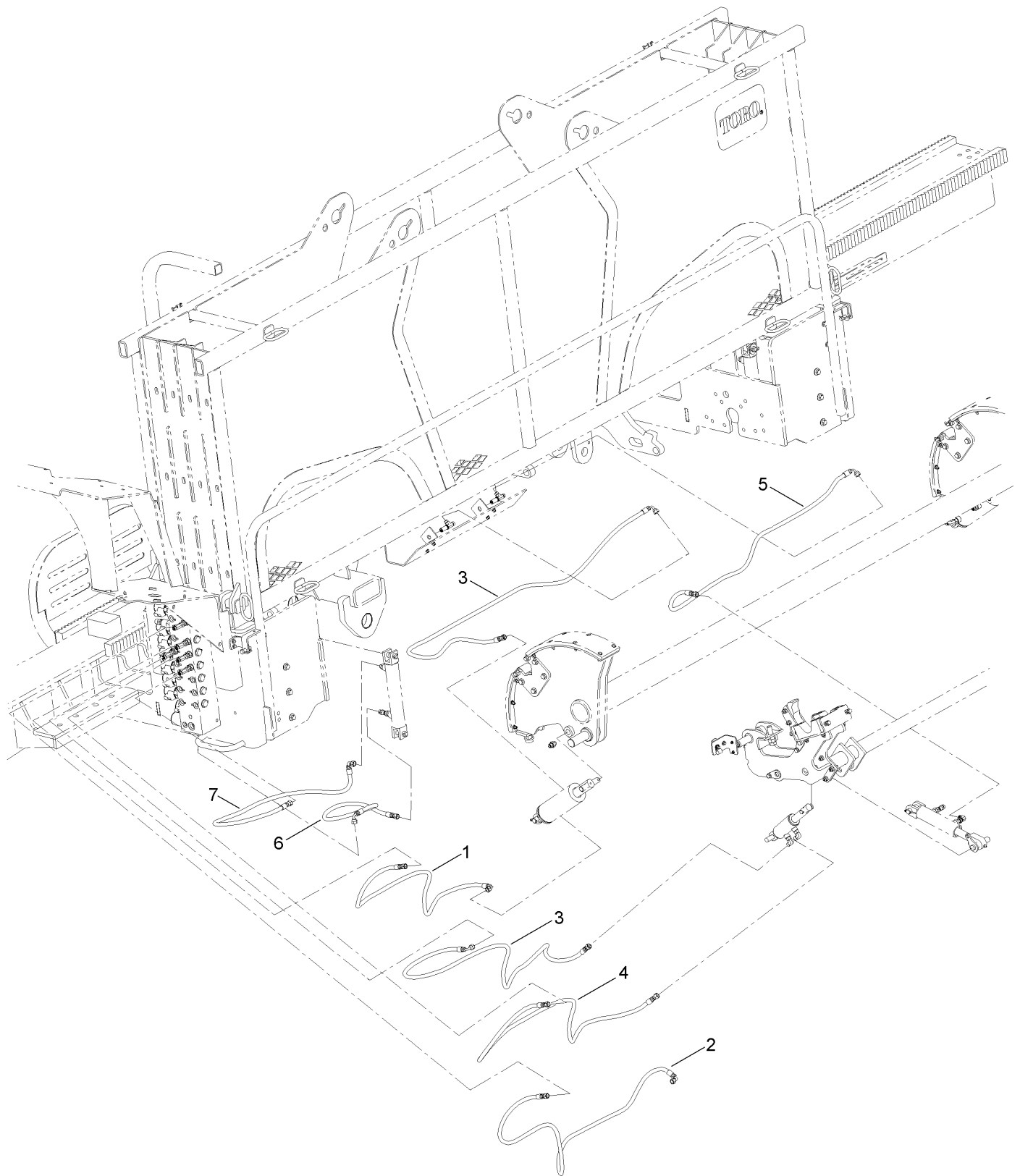
Thrust Frame Hydraulic Hose Assembly No. 2



Thrust Frame Hydraulic Hose Assembly No. 2 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0858	1	Hose ASM-HYD	5	131-0037	1	Hose ASM-HYD
2	127-0859	1	Hose ASM-HYD	6	127-0864	1	Hose ASM-HYD
3	127-0860	2	Hose ASM-HYD	7	131-0036	1	Hose ASM-HYD
4	127-0866	1	Hose ASM-HYD	8	131-0061	2	Hose ASM-HYD

Thrust Frame Hydraulic Hose Assembly No. 3

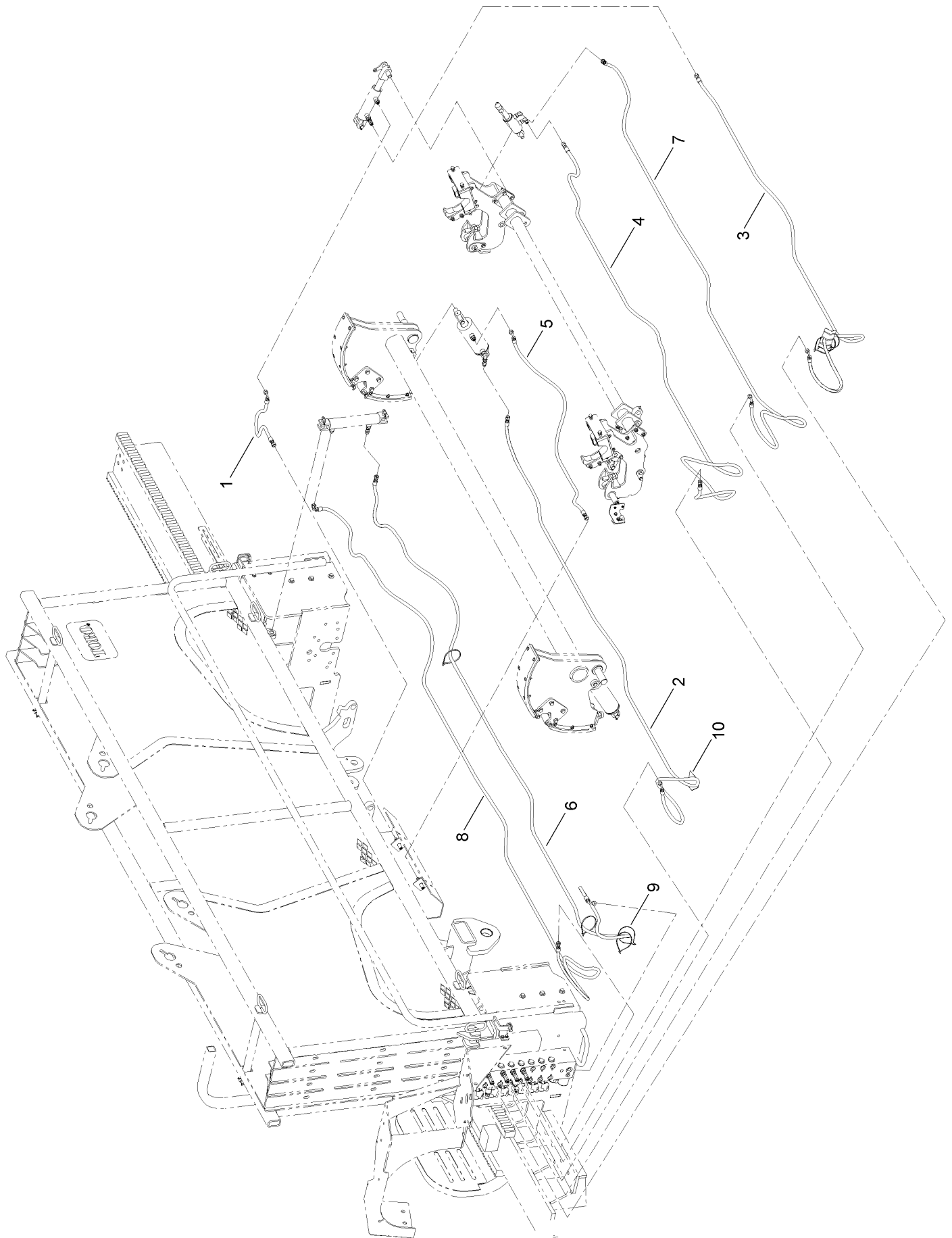


Thrust Frame Hydraulic Hose Assembly No. 3 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU121102	1	Hose ASM-HYD
2	AU120757	1	Hose ASM-HYD
3	AU120764	2	Hose ASM-HYD
4	AU120761	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	AU120732	1	Hose ASM-HYD
6	AU120765	1	Hose ASM-HYD
7	AU120769	1	Hose ASM-HYD

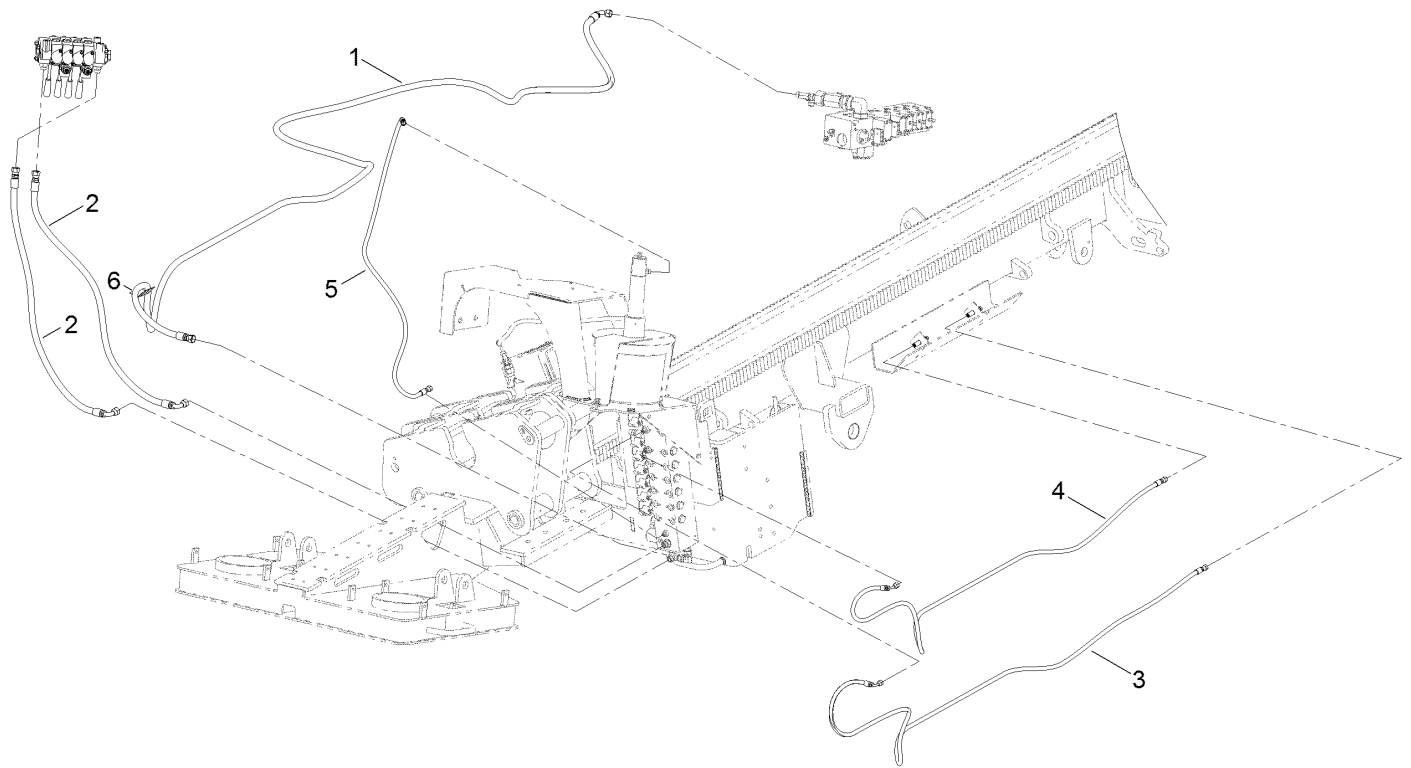
Thrust Frame Hydraulic Hose Assembly No. 4



Thrust Frame Hydraulic Hose Assembly No. 4 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU119797	1	Hose ASM-HYD	6	AU120766	1	Hose ASM-HYD
2	AU120758	1	Hose ASM-HYD	7	AU120767	1	Hose ASM-HYD
3	AU120759	1	Hose ASM-HYD	8	AU120768	1	Hose ASM-HYD
4	AU120762	1	Hose ASM-HYD	9	3290-379	7	Tie-Cable
5	AU120732	1	Hose ASM-HYD	10	AU112950	2	Protector-Hose, 4 Inch

Thrust Frame Hydraulic Hose Assembly No. 5

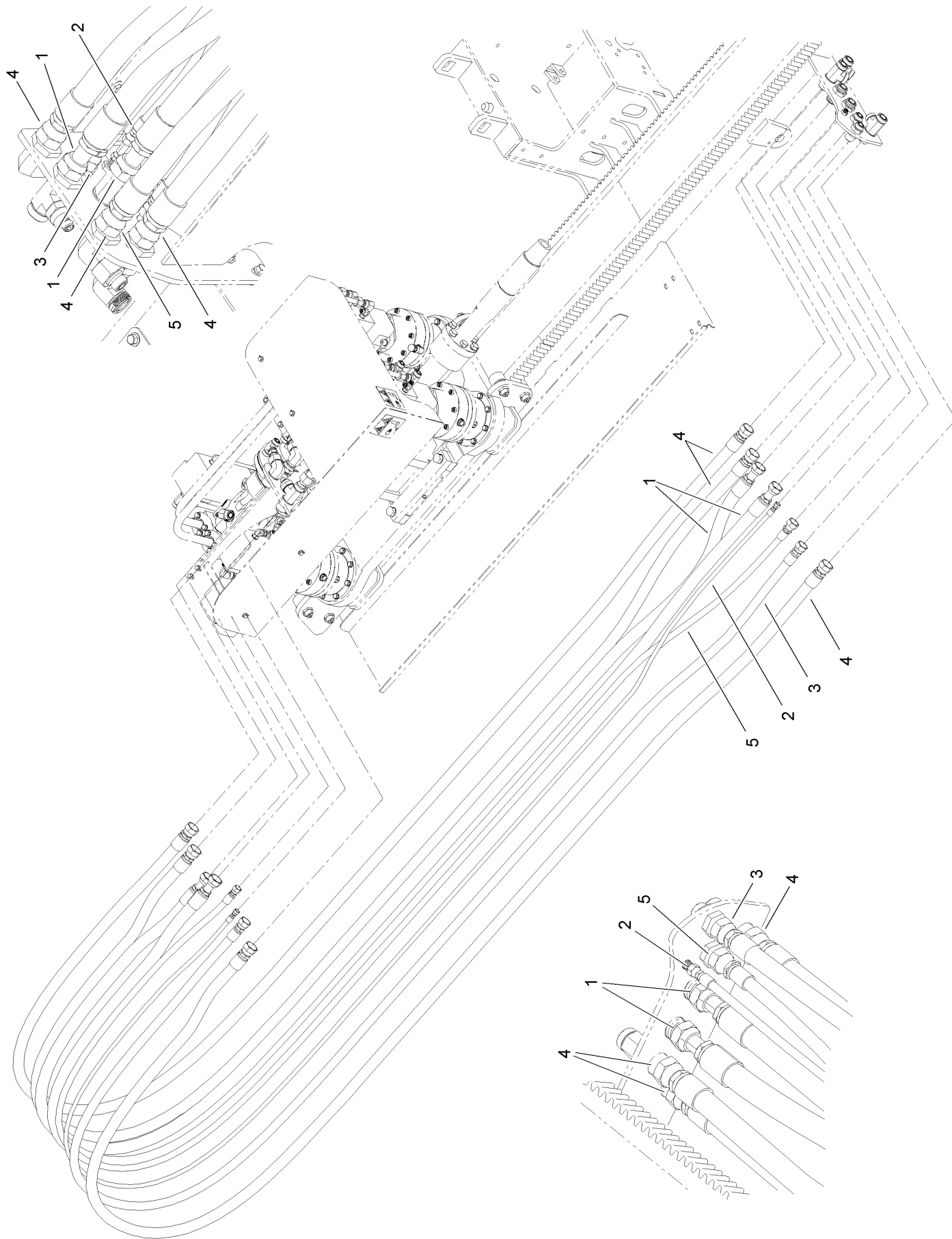


Thrust Frame Hydraulic Hose Assembly No. 5 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU121097	1	Hose ASM-HYD
2	AU121963	2	Hose ASM-HYD
3	AU121100	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU120763	1	Hose ASM-HYD
5	127-0899	1	Hose ASM-HYD
6	AU112950	1	Protector-Hose, 4 Inch

Thrust Frame Hydraulic Hose Assembly No. 6

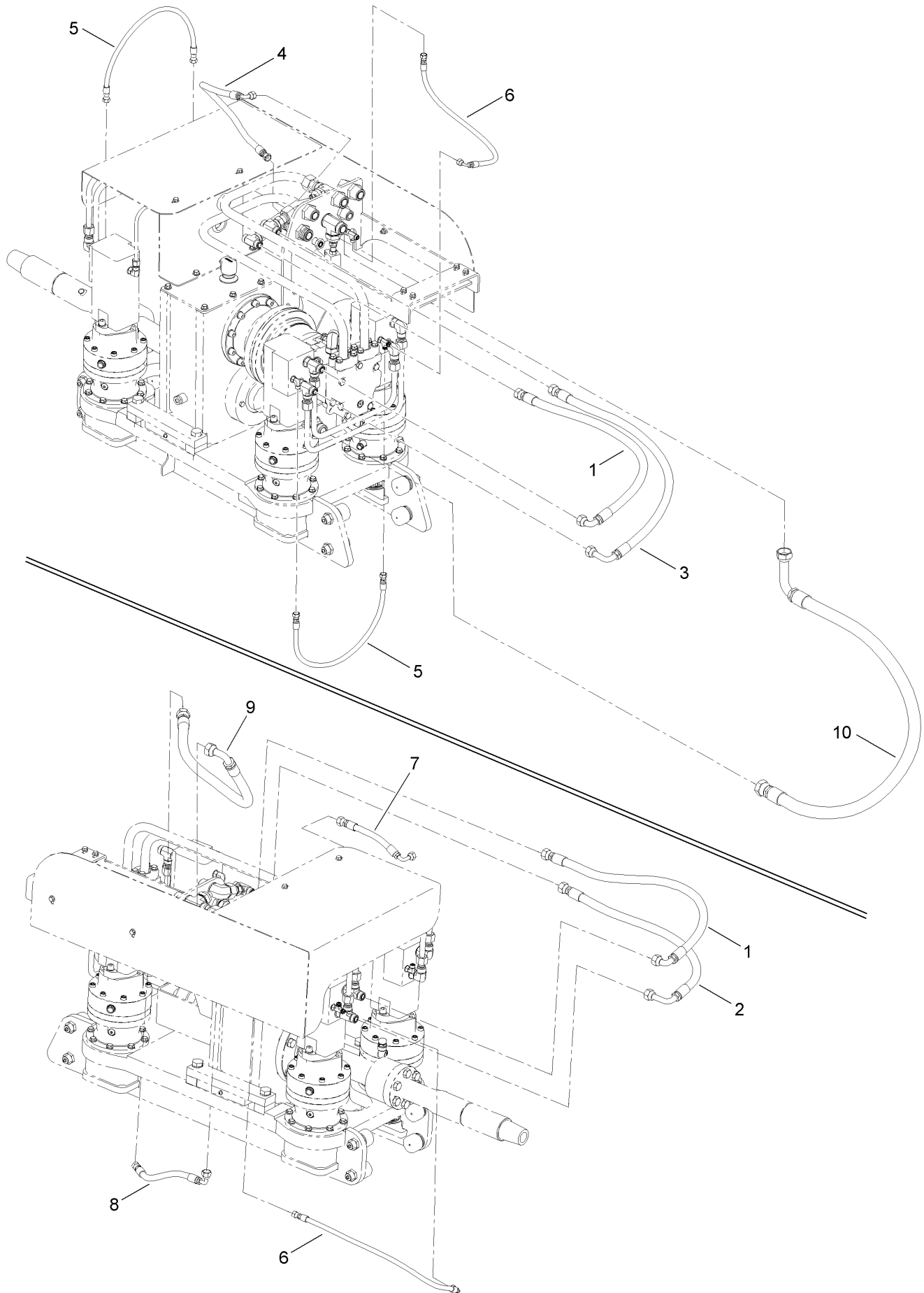


Thrust Frame Hydraulic Hose Assembly No. 6 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU120742	2	Hose ASM-HYD
2	AU121098	1	Hose ASM-HYD
3	AU121777	1	Hose ASM-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU121780	3	Hose ASM-HYD
5	127-0861	1	Hose ASM-HYD

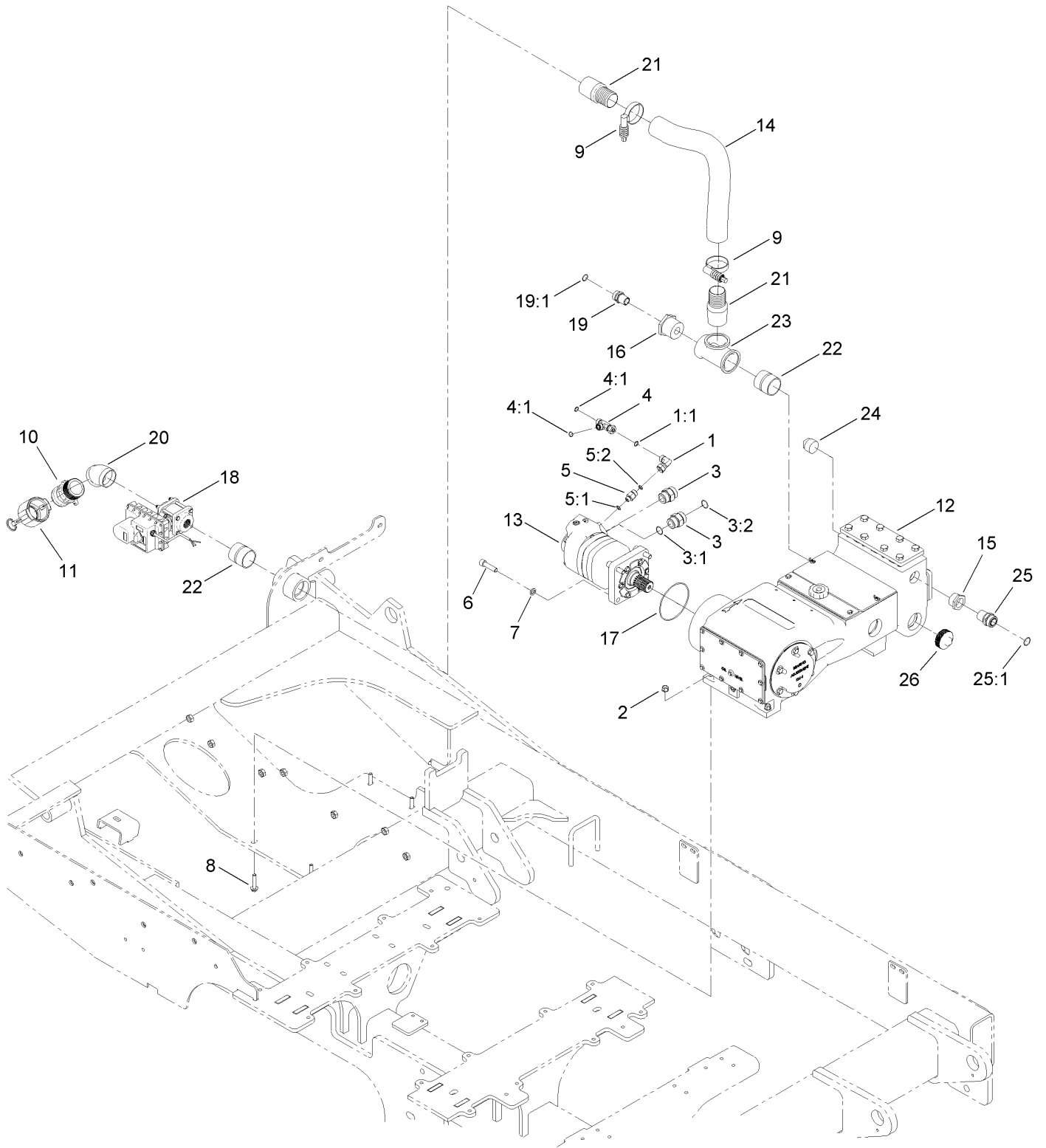
Thrust Frame Hydraulic Hose Assembly No. 7



Thrust Frame Hydraulic Hose Assembly No. 7 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU120731	2	Hose ASM-HYD	6	127-0770	2	Hose ASM-HYD
2	AU121090	1	Hose ASM-HYD	7	AU120743	1	Hose ASM-HYD
3	AU121091	1	Hose ASM-HYD	8	AU120744	1	Hose ASM-HYD
4	AU119777	1	Hose ASM-HYD	9	AU126535	1	Hose ASM-HYD
5	AU119794	2	Hose ASM-HYD	10	AU121099	1	Hose ASM-HYD

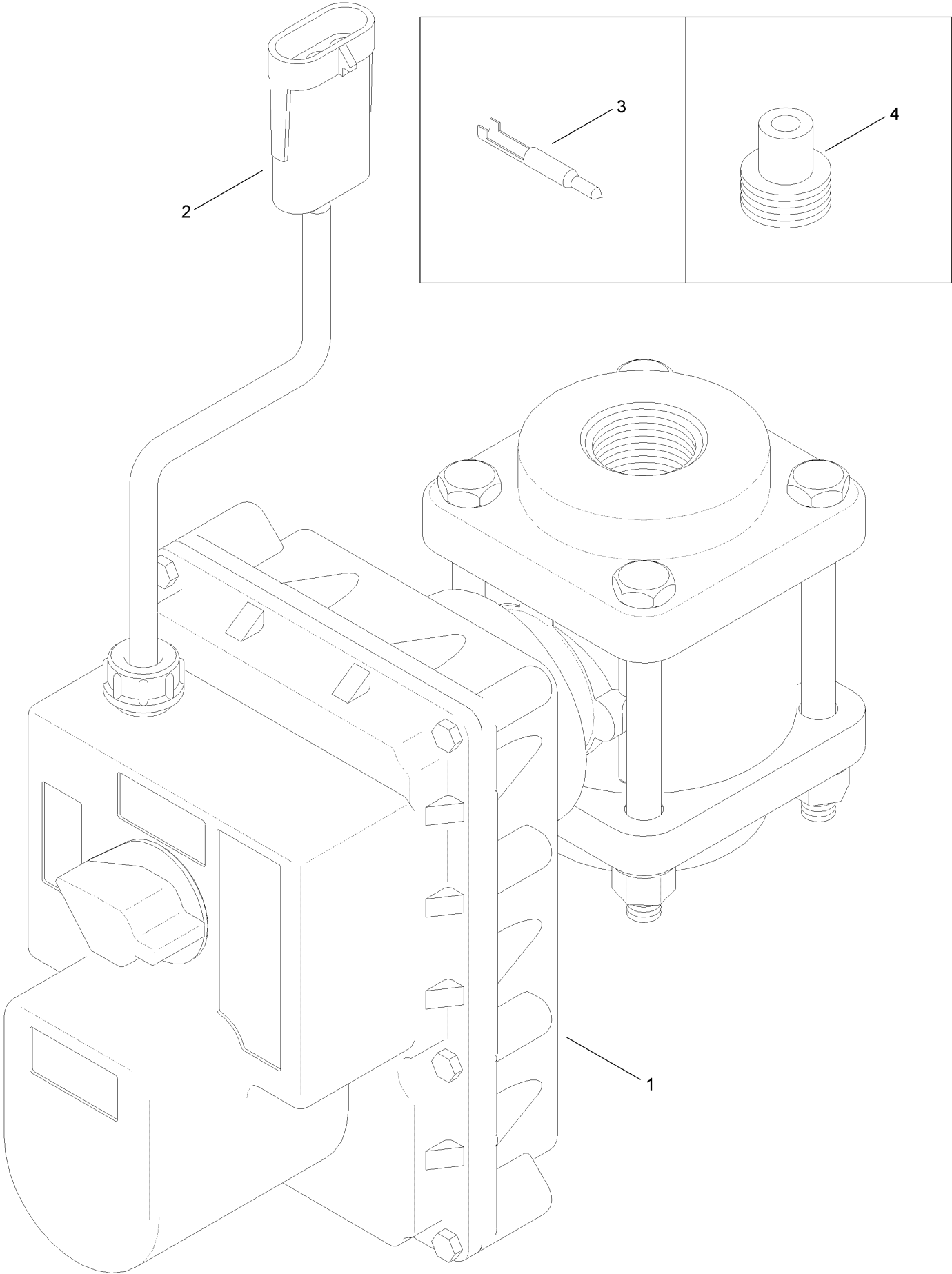
Mud Pump Assembly



Mud Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	94-6031	1	Fitting-HYD	13	AU117459	1	HYD Motor ASM
1:1	237-30	1	O-Ring	14	AU119785	1	Hose-Suction
2	103-9511	4	Nut-Lock, NI	15	AU221-70	1	Fitting-Reducer
3	104-3797	2	Fitting-Straight	16	AU65-CI-1750	1	Fitting-Reducer
3:1	237-146	1	O-Ring	17	AU70-9004104-158	1	Seal-O Ring
3:2	340-65	1	O-Ring	18	AU6HV29033	1	2 Inch Ball Valve ASM (Electric)
4	340-104	1	Fitting-HYD, Tee	19	AU8OA11212	1	Fitting-Straight
4:1	237-30	2	O-Ring	19:1	237-58	1	O-Ring
5	340-5	1	Fitting-Str	20	AU8PE15032	1	Elbow-Pipe, 45 DEG
5:1	237-42	1	O-Ring	21	AU8PN11332	2	Nipple-Combination
5:2	237-30	1	O-Ring	22	AU8PN23200	2	Nipple-Pipe
6	3274-5	4	Screw-HSH	23	AU8PT10032	1	Tee-Pipe
7	3253-7	4	Washer-Lock	24	127-0977	1	Plug-Square Head
8	33105-050	4	Screw-HHF	25	AU8OA11616	1	Fitting-Straight
9	AU110569	2	Clamp-Torque, Constant	25:1	340-65	1	O-Ring
10	AU110378	1	Adapter-Male	26	AU8PP10032	1	Plug-Pipe, Square Head
11	AU110379	1	Cap-Disconnect, Quick				
12	127-5292	1	Mud Pump ASM				

2 Inch Ball Valve Assembly No. AU6HV29033

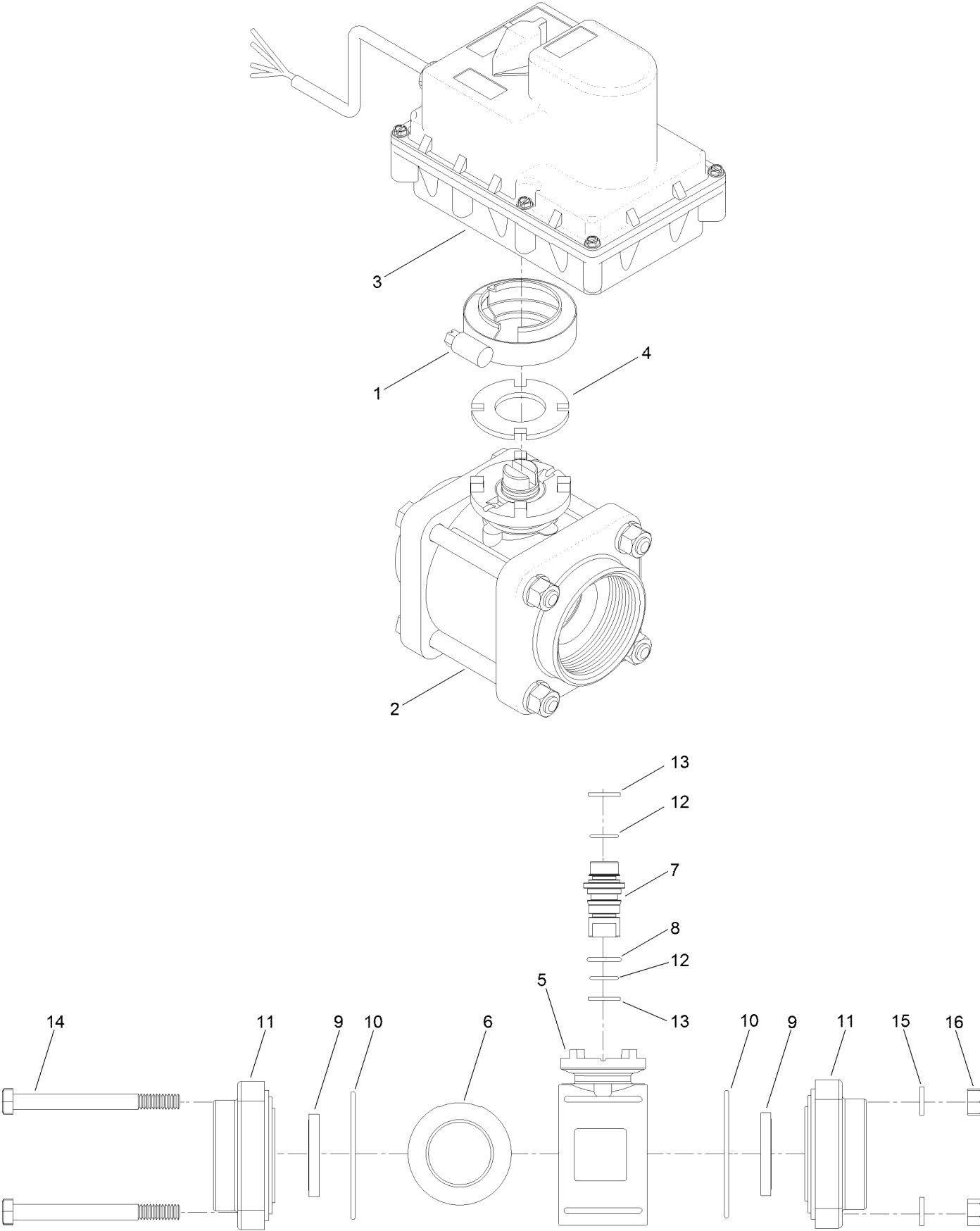


2 Inch Ball Valve Assembly No. AU6HV29033 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HV29033	1	Water Shutoff Valve ASM
2	AU8EC92203	1	Connector-Male, 3-Way (Body Only)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	AU8EC92302	3	Terminal-Male
4	AU8EC92502	3	Seal

Water Shutoff Valve Assembly No. AU8HV29033

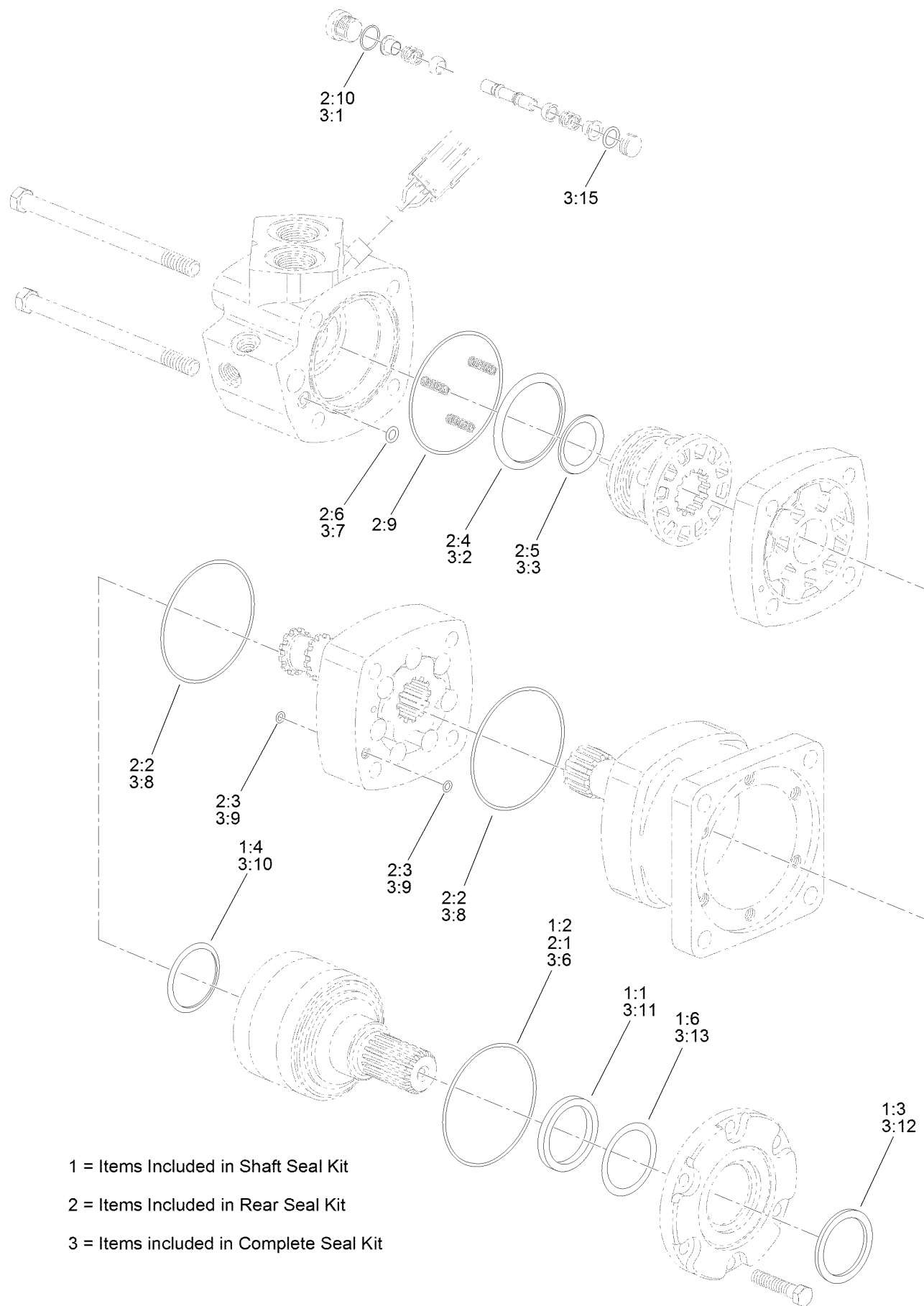


Water Shutoff Valve Assembly No. AU8HV29033 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU114153	1	Clamp-Flange
2	AU114154	1	Valve
3	AU114155	1	Motor
4	AU114156	1	Filter
5	AU114157	1	Body-Valve
6	AU114158	1	Ball-Hollow
7	AU114159	1	Stem-Valve
8	AU114160	1	O-Ring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	AU114161	2	Seat-Valve
10	AU114162	2	O-Ring
11	AU114163	2	Plate-End
12	AU114164	2	O-Ring
13	AU114165	2	Seal-Valve
14	98-5961	4	Screw-HH
15	3253-21	4	Washer-Lock
16	146211	4	Nut

Hydraulic Motor Assembly No. AU117459



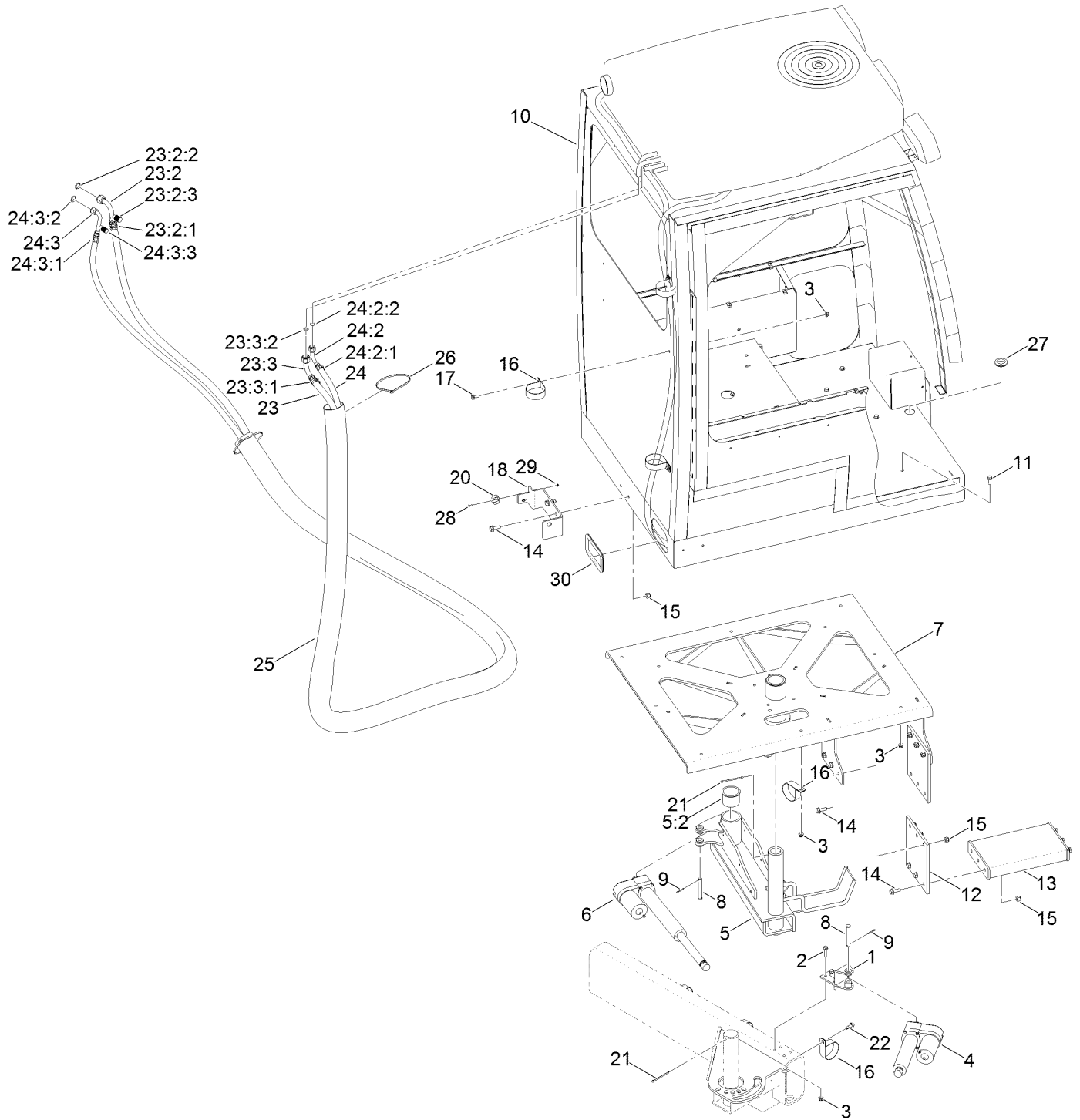
Hydraulic Motor Assembly No. AU117459 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-3439	1	Seal Kit
1:1		1	Seal ●
1:2		1	O-Ring ●
1:3		1	Seal-Dust ●
1:4		1	Seal-Face, Shaft ●
1:6		1	Ring-Backup ●
2	131-3440	1	Seal Kit
2:1		1	O-Ring ●
2:2		2	O-Ring ●
2:3		2	O-Ring ●
2:4		1	Seal-Face, Outer ●
2:5		1	Seal-Face, Inner ●
2:6		1	O-Ring ●
2:9		1	Seal ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2:10	131-3441	2	O-Ring ●
3		1	Seal Kit
3:1		1	O-Ring ●
3:2		1	Seal-Face, Outer ●
3:3		1	Seal-Face, Inner ●
3:6		2	O-Ring ●
3:7		1	O-Ring ●
3:8		2	O-Ring ●
3:9		2	O-Ring ●
3:10		1	Seal-Shaft Face ●
3:11		1	Seal ●
3:12		1	Seal-Dust ●
3:13		1	Ring-Backup ●
3:15		1	O-Ring ●

● Not serviced separately

Operator Cab Assembly No. 1



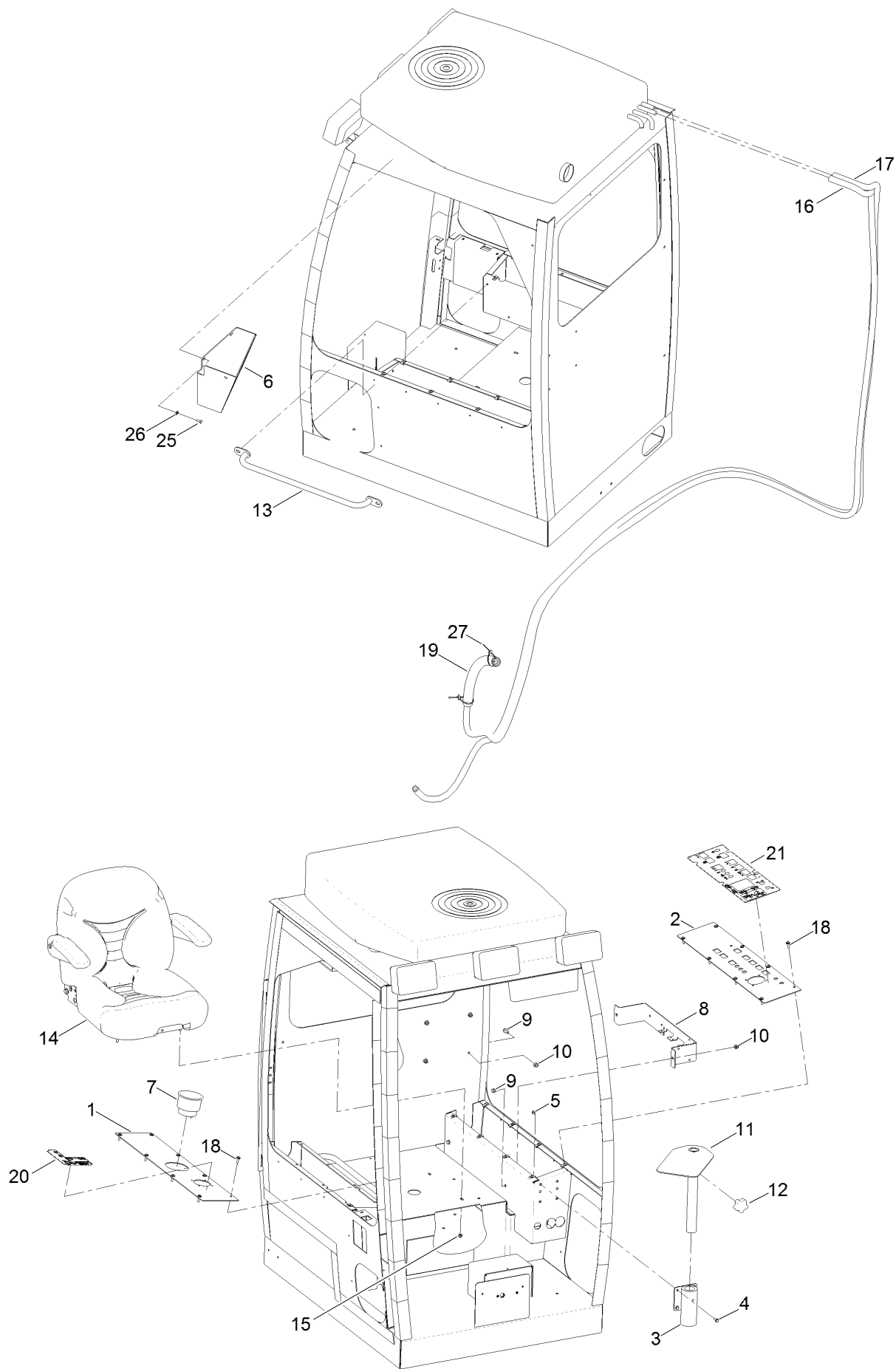
Operator Cab Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU124541-03	1	Bracket-Cab	13	AU125595-03	1	Step
2	33104-035	4	Screw-HHF	14	33105-030	14	Screw-HHF
3	104-3082	21	Nut-Lock, HHF	15	103-9511	14	Nut-Lock, NI
4	130-4545	1	Cylinder-Electric, 4 Inch	16	AU91-900729-15	7	Clamp-Support
5	131-0150	1	Cab Pivot ASM	17	33104-020	3	Screw-HHF
5:2	AU12GB9215	2	Bearing-Flanged	18	AU115236-03	1	Plate-Retaining, Cord
6	130-4546	1	Cylinder-Electric, 8 Inch	20	110-5677	2	Clip-Spring
7	125-6524	1	Cab Mount ASM	21	AU432-1248	2	Pin-Cotter
8	283-69	4	Pin-Clevis	22	105-6245	3	Screw-Tapping
9	3272-11	4	Pin-Cotter	23	130-4491	1	Hose ASM
10	AU124581	1	Operator Cab ASM	23:2		1	Ftg-90 DEG, Female ■
10:1	133-9607	1	Left Side Window ASM ●	23:2:1	130-5775	1	Fitting Kit
10:2	133-9608	1	Window-Sliding, Rear ●	23:2:2	117-2780	1	O-Ring
10:3	133-9609	1	Front Window ASM ●	23:2:3	117-2784	1	Cap-Side, Low
10:4	133-9610	3	Gasket-Headlamp ●	23:3		1	Ftg-90 DEG, Female ■
10:5	133-9611	1	Blade-Wiper ●	23:3:1	130-5775	1	Fitting Kit
10:6	133-9612	1	Arm-Wiper ●	23:3:2	117-2780	1	O-Ring
10:7	133-9613	3	Headlamp-Halogen ●	24	130-4492	1	Hose ASM-AC
10:8	133-9614	1	Motor-Wiper, Wj ●	24:2		1	Ftg-90 DEG, Female ■
10:9	133-9615	1	Arm-Drive ●	24:2:1	130-5773	1	Fitting Kit
10:10	133-9616	1	Gasket-Door ●	24:2:2	117-2779	1	O-Ring
10:11	133-9617	1	Trim-Edge, Vinyl ●	24:3		1	Fitting-Female, 90 DEG ■
10:12	133-9618	1	Gasket-Window ●	24:3:1	130-5773	1	Fitting Kit
10:13	133-9619	2	Stud-Ball ●	24:3:2	117-2779	1	O-Ring
10:14	133-9620	1	Spring-Gas ●	24:3:3	117-2783	1	Cap-Side, High
10:15	133-9621	2	Socket-Spring, Gas ●	25	130-4515	1	Sleeve-Protective
10:16	133-9622	1	Door Window ASM ●	26	3290-379	4	Tie-Cable
10:17	133-9623	1	RH Latch Kit ●	27	240-3	1	Grommet-Rubber
10:18	133-9624	1	Trim-Edge, Vinyl ●	28	3249-3	2	Screw-PRH
10:19	136-6949	1	Key-Replacement ●	29	32149-6	2	Nut-Keps
11	33104-025	14	Screw-HHF	30	119-0599	1	Trim-Seal
12	AU101442	2	Strap-Support, Step				

● Not illustrated

■ Not serviced separately

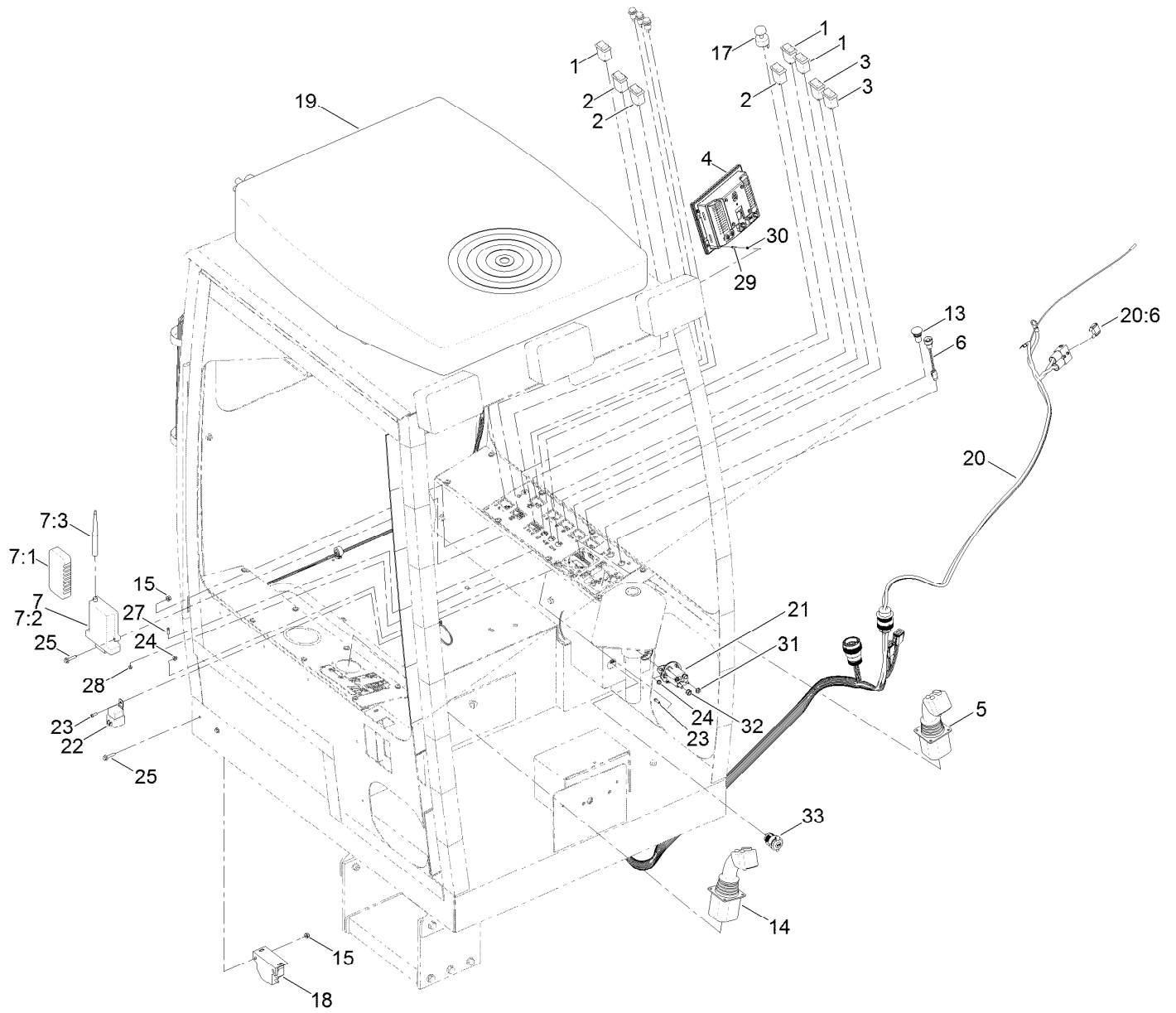
Operator Cab Assembly No. 2



Operator Cab Assembly No. 2 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU125266-03	1	Plate-Console, RH	13	AU125767-03	1	Handle-Cab
2	AU125267-03	1	Plate-Console, LH	14	AU8EP47010	1	Operator Seat ASM (Static)
3	AU125401-03	1	Mount-Display	15	104-8300	4	Nut-HF, NI
4	33103-020	4	Screw-HHF	16	AU131303	1	Hose-Heater
5	81-0130	4	Nut-Flange, NI	17	AU131304	1	Hose-Heater
6	AU125675-03	1	Housing-Display	18	110-9361	16	Screw-PPH, Sems
7	AU8EO24121	1	Cup-Holder	19	121-7533	1	Sleeve-Thermal
8	AU125468-03	1	Plate-Mounting, Electrical	20	125-6125	1	Decal-Joystick, Right
9	33104-020	6	Screw-HHF	21	125-6158	1	Decal-Joystick, Left
10	104-3082	6	Nut-Lock, HHF	25	321-4	2	Screw-HH
11	AU125692-03	1	Mount-Locator	26	3256-22	2	Washer-Flat
12	AU125763	1	Knob-Adjustment	27	3290-378	2	Tie-Cable

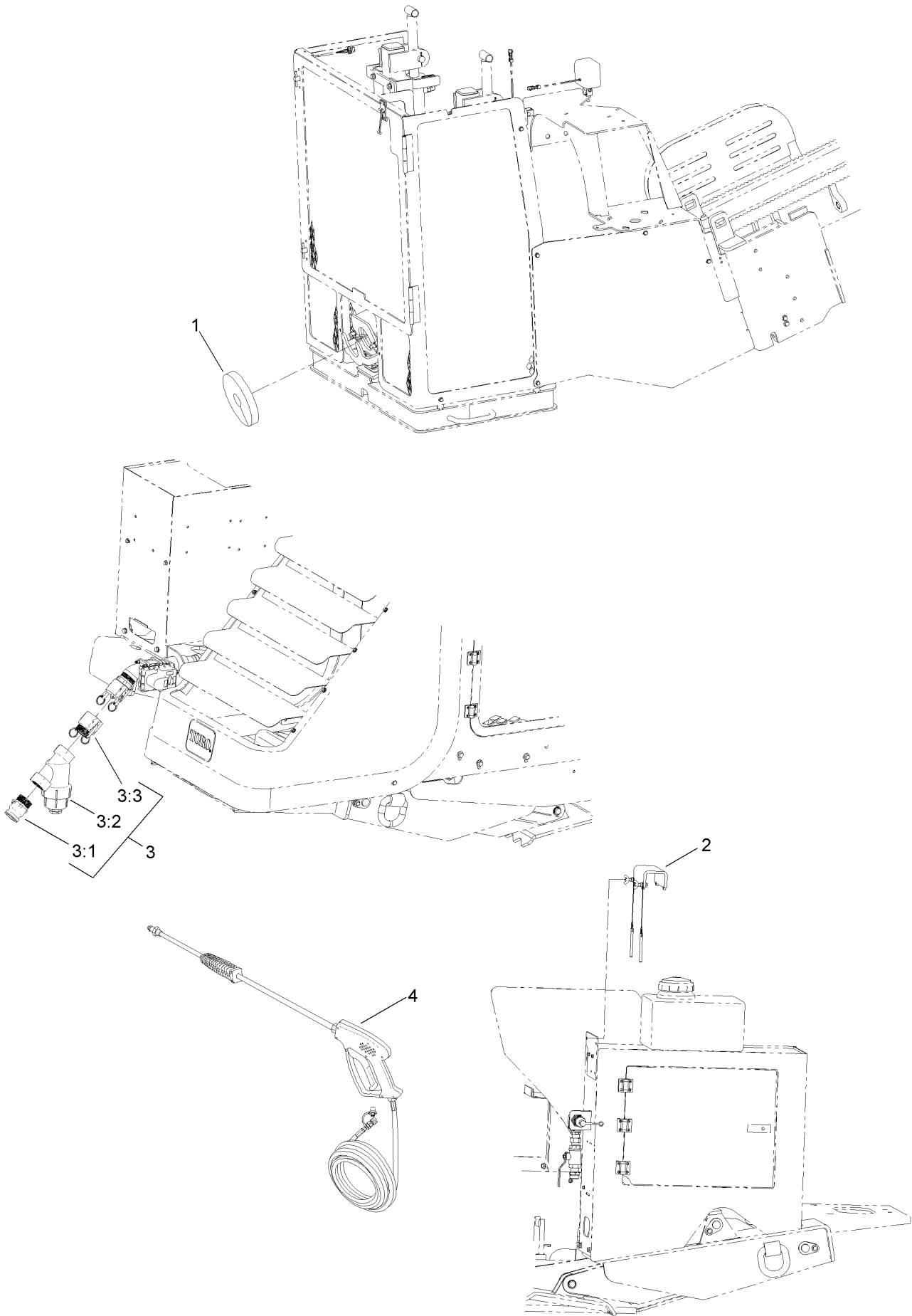
Cab Electrical Assembly



Cab Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU113662	3	Switch-Rocker, 2 Pole (On/Off)	15	81-0130	4	Nut-Flange, NI
2	AU113664	3	Switch-Rocker, 2 Pole	17	AU30-1260-5588	1	Switch-Wiper
3	AU113665	2	Switch-Rocker, 1 Pole (On)Off/On(Off)	18	AU8EP29105	1	Alarm-Backup
4	131-0118	1	Display-Dp610Tm, Unprogrammed	19	122-0074	1	Harness-Wire, Cab
5	AU117962	1	Joystick-Modified (Left Hand)	20	122-0287	1	Harness-Wire, Cab Power
6	121-6592	1	Switch-Start, Green Button	20:6	114-3342	1	Fuse-Maxi, 60 Amp
7	130-4454	1	Long Range Exit Side Lockout Kit	21	114-3315	1	Solenoid
7:1	130-4455	1	Handheld-Lockout	22	99-7430	4	Relay
7:2	130-4456	1	Base Unit-Lockout	23	119-7568	4	Screw-HSBH
7:3	130-4462	1	Antenna-Lockout	24	120-4580	4	Nut-HF
13	AU8EP46103	1	Button-Push, Red Mushroom	25	33103-030	4	Screw-HHF
14	AU8EP47613	1	Joystick-Carriage	27	119-7444	4	Screw-HSBH
				28	127-2018	4	Nut-HHF
				29	130-4539	4	Screw-PH
				30	3296-52	4	Nut-Lock, NI
				31	32149-8	2	Nut-Keps
				32	121-4698	2	Nut-Keps
				33	109-9376	1	Receptacle-12V

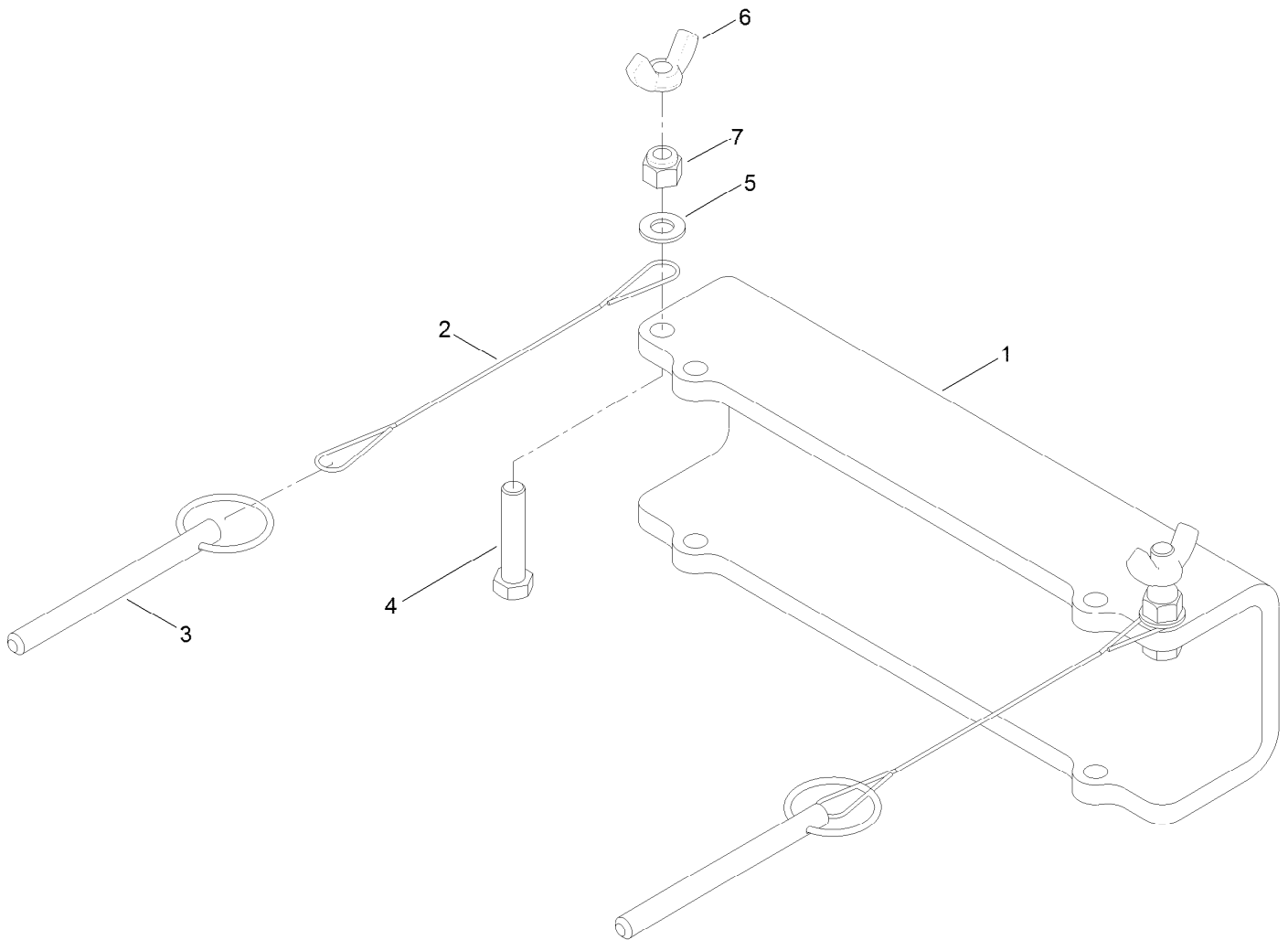
Wash Wand, Umbrella, Cylinder Lockout, Strainer and Split Wiper Assembly



Wash Wand, Umbrella, Cylinder Lockout, Strainer and Split Wiper Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU116192	1	Wiper-Split	3:3	AU8CH21332	1	Fitting-Camlok, 2 Inch (Female)
2	AU114336	1	Cylinder Lockout ASM	4	127-0991	1	Wash Down Wand ASM
3	AU32GB1215	1	2 Inch Strainer Kit				
3:1	AU110378	1	Adapter-Male				
3:2	AU8FL10017	1	Y-Strainer, 2 NPTF (6 Mesh Screen)				

Cylinder Lockout Assembly No. AU114336

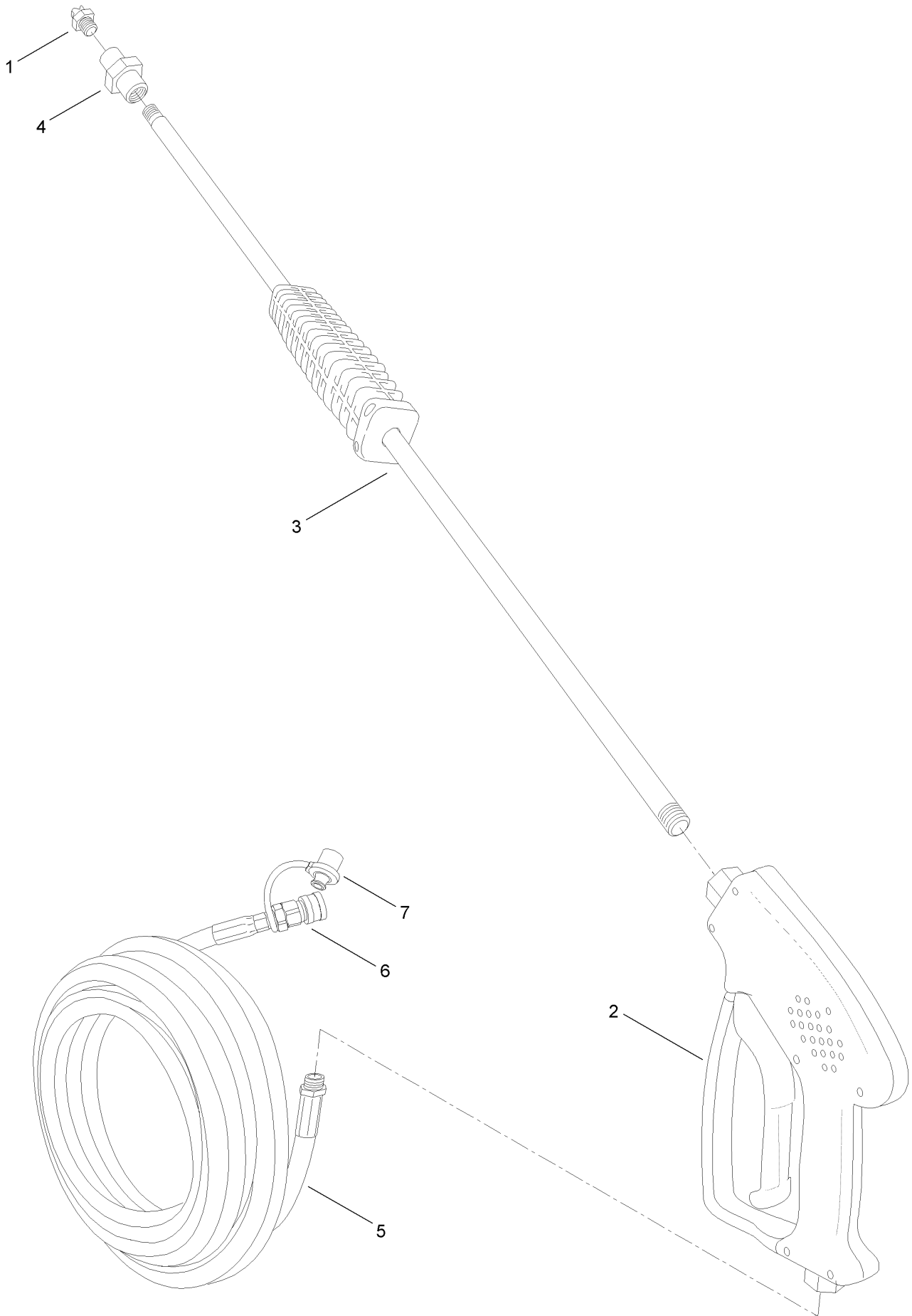


Cylinder Lockout Assembly No. AU114336 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU114332-01	1	Plate-Tilt Cylinder Lockout
2	AU114334	2	Lanyard-Tether, Pin
3	AU109760	2	Pin-Retaining
4	323-53	2	Screw-HH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	3256-45	2	Washer-Flat
6	1-543678	2	Wingnut
7	3296-39	2	Nut-Lock, NI

Wash Down Wand Assembly No. 127-0991



Wash Down Wand Assembly No. 127-0991 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU20MC8512	1	Nozzle-Spray
2	AU40MP8018	1	Gun-Spray
3	AU40MP8019	1	Lance
4	AU8PC40004	1	Coupling-Pipe

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	AU126046	1	Hose-HYD
6	AU8QD52204	1	Coupler-Quick Disconnect
7	130-4504	1	Plug-Dust

Attachments and Accessories

For 23823 4045 Directional Drill with Cab

Product Name	Model/Part
Oil (20oz Bottle)	105-8562
Premium All Season Hydraulic Fluid (5 Gallon Pail)	108-1178
Premium All Purpose Grease (Tube)	108-1190
Premium Engine Oil SAE 30 (Drum)	108-1196
Premium Engine Oil SAE 30 (Pail)	108-1197
Premium All Season Gear Lube (Quart)	108-1590
Premium Heavy Duty All Season Gear Lube (Quart)	108-1591
Premium Engine Oil 15w40 (5 Gallon Pail)	121-6395
Oil-15w40 (1 Quart)	127-3244
1LR 2.5in Ramon Box 2.375 FSII Box	127-4300
ID Collar - 4.25in OD, 3in Hex	127-4301
Sonde Housing - 3.5in	127-4302
Rotolock Box - 2.5in Ramon Pin	127-4303
Sonde Block Set, Dual Block	127-4304
RAM 4in Claw Bit	127-4306
RAM 4in Taper Bit	127-4307
RAM 4in Cutter Bit	127-4308
RAM 4in Button Bit	127-4310
RAM 5in Claw Bit	127-4312
RAM 5in Taper Bit	127-4313
RAM 5in Button Bit	127-4316
ID Collar - 4.25in OD, 3in Hex	127-4318
Direct Bore Housing - 2.375in API Box	127-4319
Direct Bore 1 - 4.25in, 2.375in API Pin	127-4322
Direct Bore 1 - 4.25in, 2.375in API Pin	127-4323
RAM 3.5in Claw Bit	127-4330
RAM 3.5in Taper Bit	127-4331
RAM 3.5in Button Bit	127-4334
Clay Reamer - 10in	127-4339
Clay Reamer - 12in	127-4340
Clay Reamer - 16in	127-4341
Fluted Reamer - 8in	127-4342
Fluted Reamer - 10in	127-4343
Fluted Reamer - 12in	127-4344
Fluted Reamer - 14in	127-4345
Wing Reamer - 12in	127-4346
Wing Reamer - 14in	127-4347
Wing Reamer - 16in	127-4348
25 Ton Pulling Eye	127-4349
Front Coupler	127-4350
Pullback Swivel (45,000 Lbs)	127-4351
Water Nozzle - 2 Hole	127-4363
Water Nozzle - 1 Hole	127-4364
Sonde Block Set Subsite 86B/BH	127-4366
Sonde Block Set Subsite (DW 850, BV2)	127-4369
RP for 3.5in and 3.75in Rock Bit - General	127-4374

Attachments and Accessories (continued)

RP for 3.5in and 3.75in Rock Bit - Hard	127-4377
Paddle Bit - 3.5in Sharp Shooter, 3in w/hole	127-4397
Paddle Bit - 4in Sharp Shooter, 3in SAH w/hole	127-4398
Paddle Bit - 4in Sharp Shooter, 3.5in SH w/hole	127-4399
Paddle Bit - 5in Sharp Shooter 3.5in w/hole	127-4400
Paddle Bit - 3.5in Iron Claw, 3in SH w/hole	127-4401
Paddle Bit - 4in Iron Claw, 3in SH w/hole	127-4402
Paddle Bit - 4in Iron Claw 3.5in SH w/hole	127-4403
Paddle Bit - 3.5in Button Bit, 3in SH w/hole	127-4406
Paddle Bit - 4in Button Bit, 3in SH w/hole	127-4407
Paddle Bit - 4in Button Bit, 3.5in SH w/hole	127-4408
Paddle Bit - 5in Button Bit, 3.5in SH w/hole	127-4409
RP 1555/1554 EXTream Teeth w/Round Point.....	127-4413
Sonde Housing - 3.5in Endurance	127-4416
Sonde Housing - 3.5in Rotolock.....	127-4421
Rock Bit 3.5in Standard	127-4422
Rock Bit - 3.75in Aggressive	127-4423
Cable Transmitter Removal Tool.....	127-4625
Cable/SST Transmitters Wire Kit	127-4626
F Series Lithium-Ion Battery Pack.....	127-4627
F Series Receiver Case	127-4628
F Series System Case	127-4629
13in Antenna	127-4630
F Series Lithium-Ion Battery Charger.....	127-4631
F Series U.S. Battery Charger Cord Kit.....	127-4632
Battery Charger Cord Kit - F Series U.K.....	127-4633
Battery Charger Cord Kit - F Series I.N.	127-4634
Battery Charger Cord Kit - F Series A.U.....	127-4635
Battery Charger Cord Kit - F Series CHI.....	127-4636
LWD Flashdrive Assembly	127-4637
LWD Bluetooth.....	127-4638
MFD/FSD Whip Antenna	127-4639
Whip Antenna - Russia	127-4640
Tensitrak Carry Case	127-4641
MFD/FSD DC Cable Assembly.....	127-4642
Steering Tool Carry Case.....	127-4643
Cable Transmitter Box w/Cable - MFD/FSD.....	127-4644
LWD Flashdrive and USB Bluetooth Adaptor	127-4645
LWD Flashdrive Assembly - SST/TT	127-4646
Spot Extended Range Probe	127-4647
Supercell Lithium Battery	127-4648
DDS12 F Series/SE/Eclipse/LT 12 KHZ.....	127-4649
DDT12 F Series/SE/Eclipse/LT 12 KHZ	127-4650
DEC TRAK - 0.375in End Cap	127-4651
DUC TRAK - 0.3125in End Cap	127-4652
DUC TRAK 12mm Metric End Cap	127-4653
DUC TRAK Pulling Eye End Cap	127-4654
HDT Transmitter End Cap	127-4655
C Cell Transmitter Contact Spring.....	127-4656

Attachments and Accessories (continued)

Standard Transmitter Battery End Cap	127-4657
Double D-Link 26mm, 48k x 4x D-Ring TT5	127-4658
D Cell Adapter x3 to Supercell for TT	127-4659
Battery Pack 3x D-Cell for TT5	127-4660
NIMH S Series Battery Charger U.S. Cord K	127-4661
DIGITRAK NiCad Battery Pack.....	127-4662
NIMH S Series Nickel Battery Pack	127-4663
F Series Battery Charger 12v Cord	127-4664
DB 5in Steep Taper Roughneck - 3.5in SH	130-3009
DB 5in Sharp Shooter - 4.125in SH w/hole	130-3011
DB 5in Iron Claw - 4.125in SH w/hole	130-3015
DB 5in Button Bit - 4.125in SH w/hole	130-3017
DB 6in Sharp Shooter - 4.125in SH w/hole	130-3019
DB 6in Iron Claw - 4.125in SH w/hole	130-3023
DB 6in Button Bit - 4.125in SH w/hole	130-3025
SB (Set) 1860/1850 Radiodetect	130-3120
SB (Set) 1860/1850 McLaughlin	130-3121
O-Ring 0.75x0.125, 2.75in and 3in Rock Bits.....	130-3150
SHCS 0.375-16x0.25in Pellet Water Nozzle	130-3164
SHCS 0.375-16x0.75 Pellet Housing Door	130-3165
SHCS 0.50-13x1.25in Pellet 3.5in Bit1 DBK	130-3169
RAM 3.5in Claw Bit 5 Bolt DW	130-3355
RAM 3.5in Taper Bit 5 Bolt DW	130-3356
RAM 3.5in Chisel Bit 5 Bolt DW	130-3357
RAM 3.5in Button Bit 5 Bolt DW	130-3358
RAM 3.5in Steep Taper Roughneck 5 Bolt DW	130-3359
RAM 4in Steep Taper Roughneck 5 Bolt DW	130-3360
RAM 4in Claw Bit 5 Bolt DW SH	130-3361
RAM 4in Taper Bit 5 Bolt DW SH	130-3362
RAM 4in Button Bit 5 Bolt DW SH	130-3363
RAM 5in Steep Taper Roughneck 5 Bolt DW	130-3367
RAM 4in Claw Bit 6 Bolt DW SH	130-3369
RAM 4in Taper Bit 6 Bolt DW SH	130-3370
RAM 4in Chisel Bit 6 Bolt DW	130-3371
RAM 4in Button Bit 6 Bolt DW	130-3372
RAM 5in Steep Taper Roughneck 6 Bolt DW	130-3375
RAM 5in Taper Bit 6 Bolt DW	130-3377
RAM 5in Button Bit 6 Bolt DW SH	130-3378
RAM 6in Steep Taper Roughneck 6 Bolt DW 20mm.....	130-3384
RAM 3.5in HF Chisel Bit 7 Bolt	130-3386
Ram 5in Steep Taper Roughneck 7 Bolt	130-3389
ZapAlert Ground Stake Relocation Kit	131-9019
Stake Down Guards.....	23807E
Short Rod Box	23809E
Dirt Stakes	23814E
Rock Stakes	23815E
Rock Stakes	23827E
Dirt Stakes	23829E
Tall Pipe Box.....	23830E

Attachments and Accessories (continued)

52-Count Drill Pipe.....	23831E
Air Hammer Adapter Kit.....	23832E
DCI F2 Falcon W Aurora and 15in Transmitter.....	23905
DCI F2 Falcon 15in Transmitter	23906
DCI F2 Falcon 2 CRD and F2 Tranmitter	23907
DCI Falcon F5 System w/FCD and Receiver	23908
DCI Falcon F5 System w/Aurora 8in and Receiver	23909
DCI Falcon F5 System w/Aurora 10.4in and Receiver	23910
DCI Falcon F5 Extended Range Transmitter w/Fluid Pressure	23911
DCI Falcon F5 Transmitter w/Fluid Pressure	23912
DCI Aurora 8 Inch Touchscreen Display Kit	23913
DCI Falcon Compact Display Kit.....	23914
DCI Falcon F5 Receiver.....	23915
DCI Falcon F2 System w/FCD and Receiver	23916
DCI Falcon F2 System w/Aurora 8in and Receiver	23917
DCI Falcon F2 System w/Aurora 10.4in and Receiver	23918
DCI Falcon F2 Receiver.....	23919
Summer Oil-Case of 24 (20oz Bottles).....	38916

Notes:

Notes:



Count on it.