



Form No. 3395-578 Rev A

Count on it.

Parts Catalog

2024 Directional Drill

Model No. 23800TE—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.

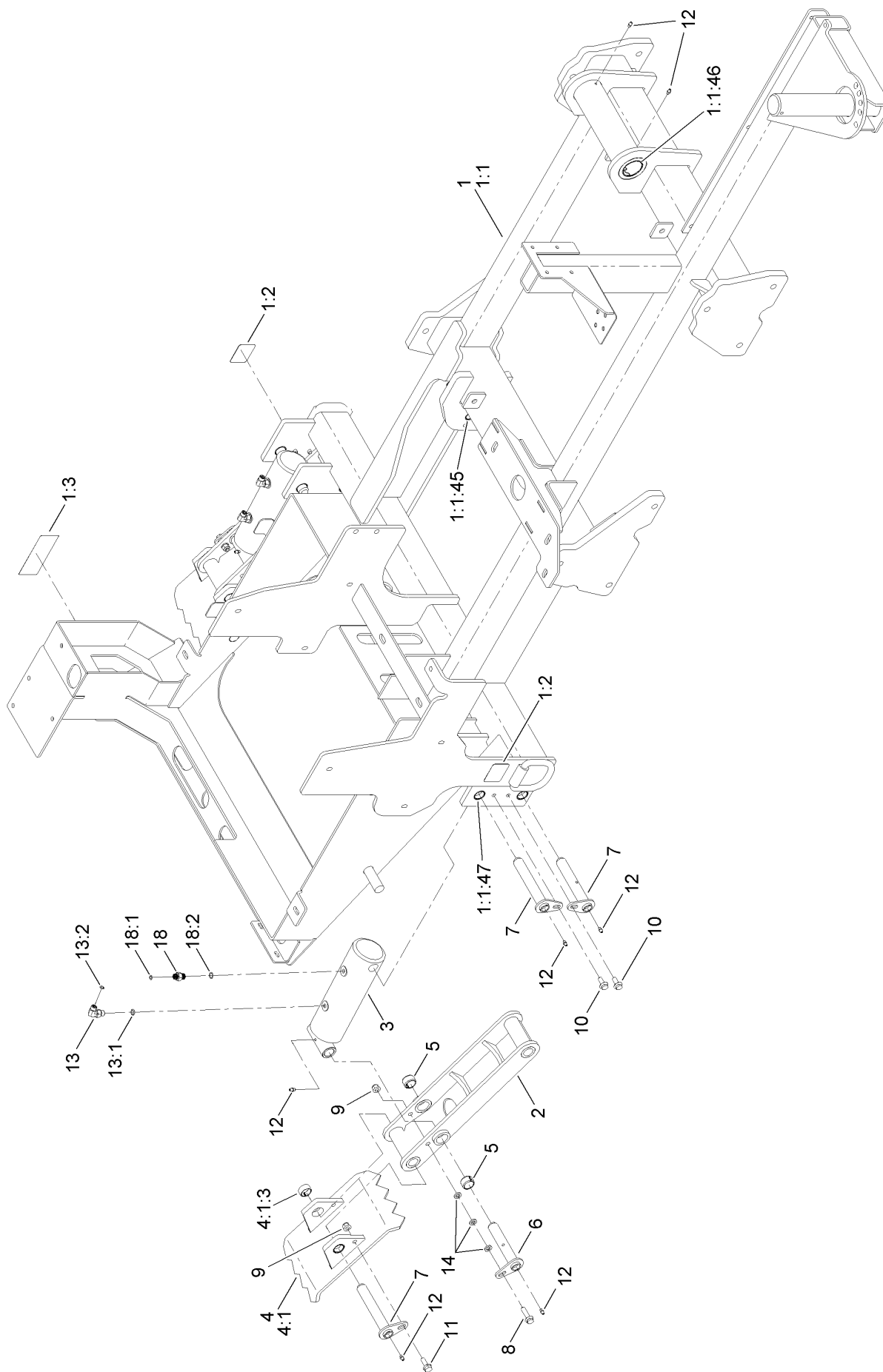
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Main Frame and Stabilizer Assembly

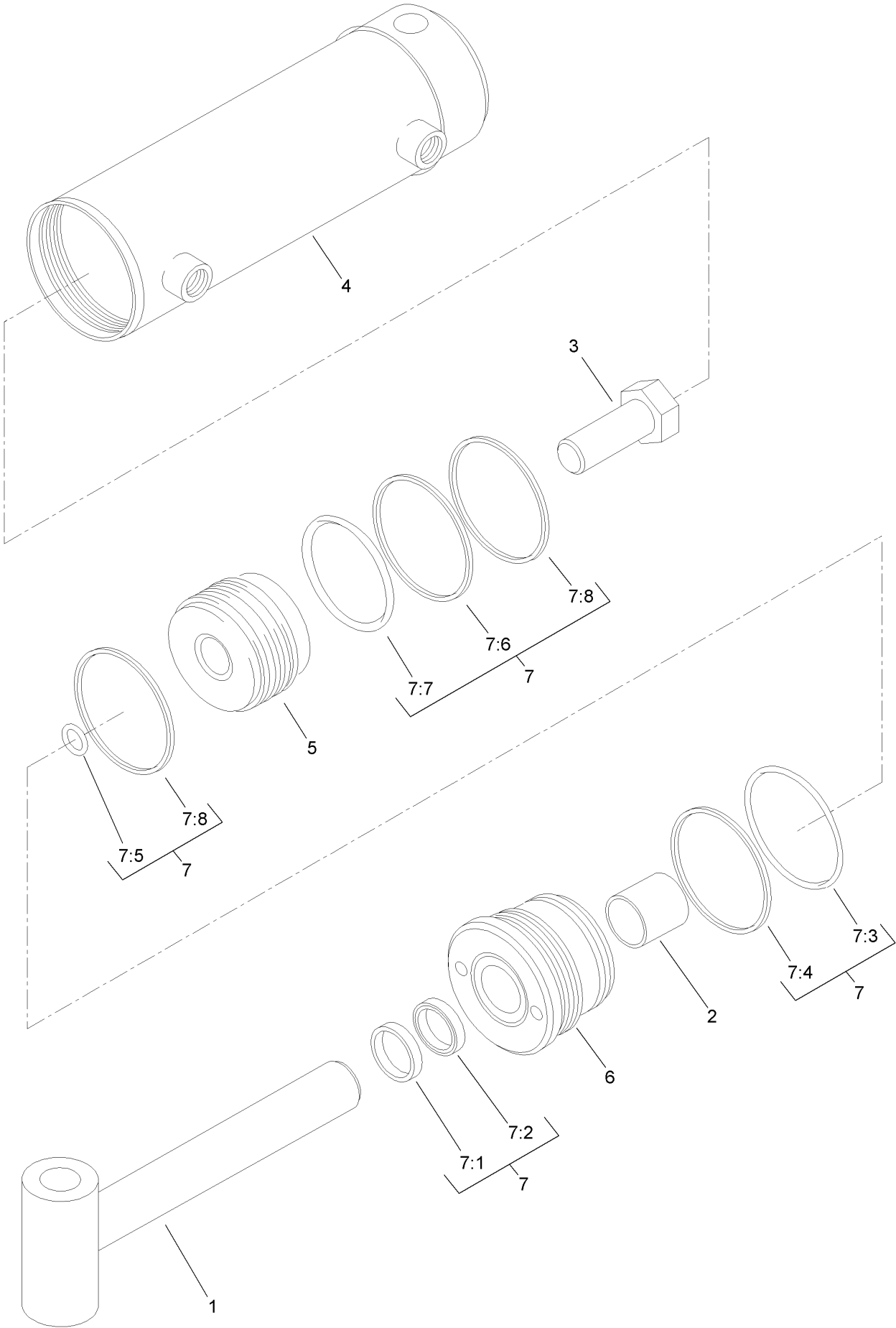


Main Frame and Stabilizer Assembly (continued)

<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	127-0904	1	Main Frame ASM	6	AU111526	2	Pin-Flag
1:1		1	Frame-Main ●	7	AU108615	6	Pin-Flag
1:1:45	AU108957	2	Bushing-Spring	8	AU100331	2	Screw-HHF
1:1:46	AU108955	2	Bushing-Spring	9	103-9511	4	Nut-Lock, NI
1:1:47	AU108958	8	Bushing-Spring	10	33105-025	4	Screw-HHF
1:2	125-6694	2	Decal-Tie Down	11	33105-030	2	Screw-HHF
1:3	125-6128	1	Decal-Warning, Hydraulic Pressure	12	302-57	12	Fitting-Grease
2	AU108449-03	2	Leg-Stabilizer	13	340-82	3	Fitting-HYD, 90
3	AU103989A1	2	HYD Cylinder ASM	13:1	237-42	1	O-Ring
4	AU108446-03	2	Stabilizer Foot ASM	13:2	237-21	1	O-Ring
4:1		1	Foot-Stabilizer ●	14	88-3370	6	Spacer
4:1:3	127-0962	2	Bushing-Spring	18	340-1	1	Fitting-HYD, Straight
5	AU109014	4	Bushing-Spring	18:1	237-21	1	O-Ring
				18:2	237-42	1	O-Ring

● Not serviced separately

Hydraulic Cylinder Assembly No. AU103989A1



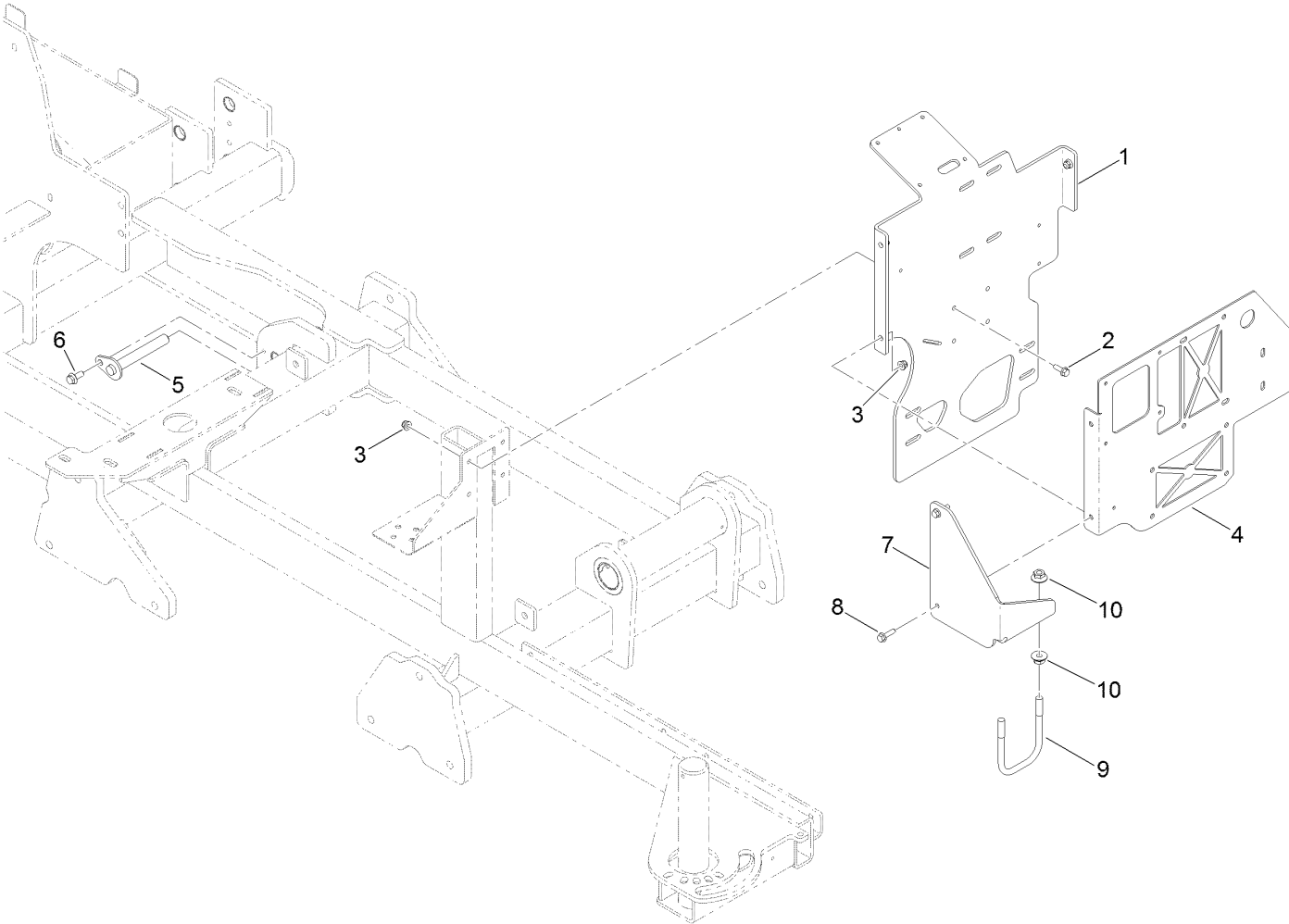
Hydraulic Cylinder Assembly No. AU103989A1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU117269A1	1	Rod
2	AU117271A1	1	Bushing
3	3211-42	1	Screw-HH
4	AU117268A1	1	Case-A
5	AU117267A1	1	Piston
6	AU117270A1	1	Head
7	AU117272A1	1	Seal Kit
7:1		1	Wiper-Piston Rod ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7:2		1	Seal-U Cup ●
7:3		1	O-Ring, Gland ●
7:4		1	Ring-Back Up ●
7:5		1	O-Ring, Piston Rod ●
7:6		1	Seal-Piston ●
7:7		1	O-Ring, Piston ●
7:8		2	Ring-Wear ●

● Not serviced separately

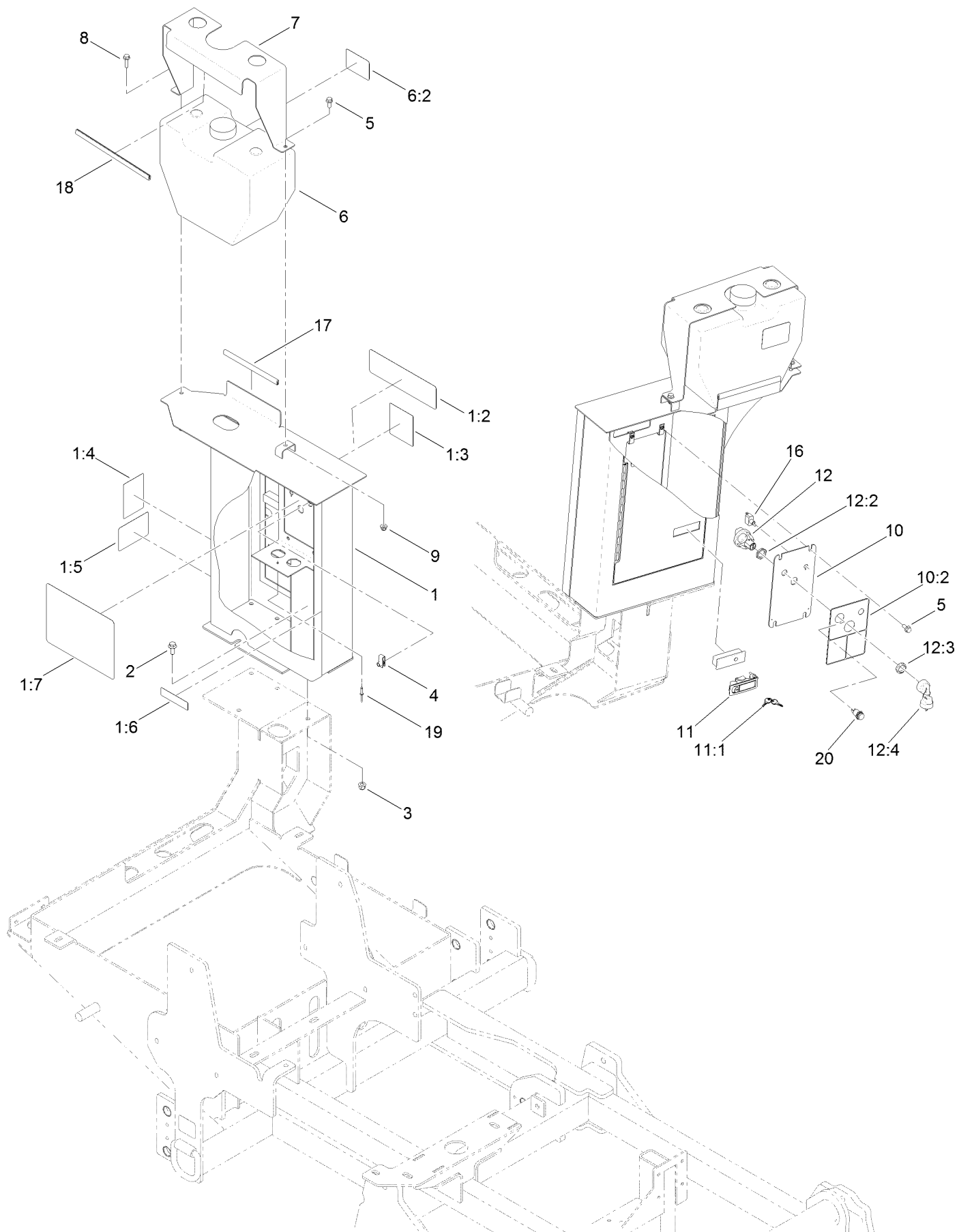
Electrical Plate Mount Assembly



Electrical Plate Mount 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	125-4521-03	1	Plate-Mount, Fuse Box	6	33105-025	1	Screw-HHF
2	33104-025	5	Screw-HHF	7	131-0133	1	Support-Hose
3	104-3082	7	Nut-Lock, HHF	8	33104-030	2	Screw-HHF
4	125-4522-03	1	Plate-Mounting, Electrical	9	106-5543	1	U-Bolt
5	AU109348	1	Pin-Flagged	10	32128-56	4	Nut-HF

Rear Control Box and Coolant Tank Assembly

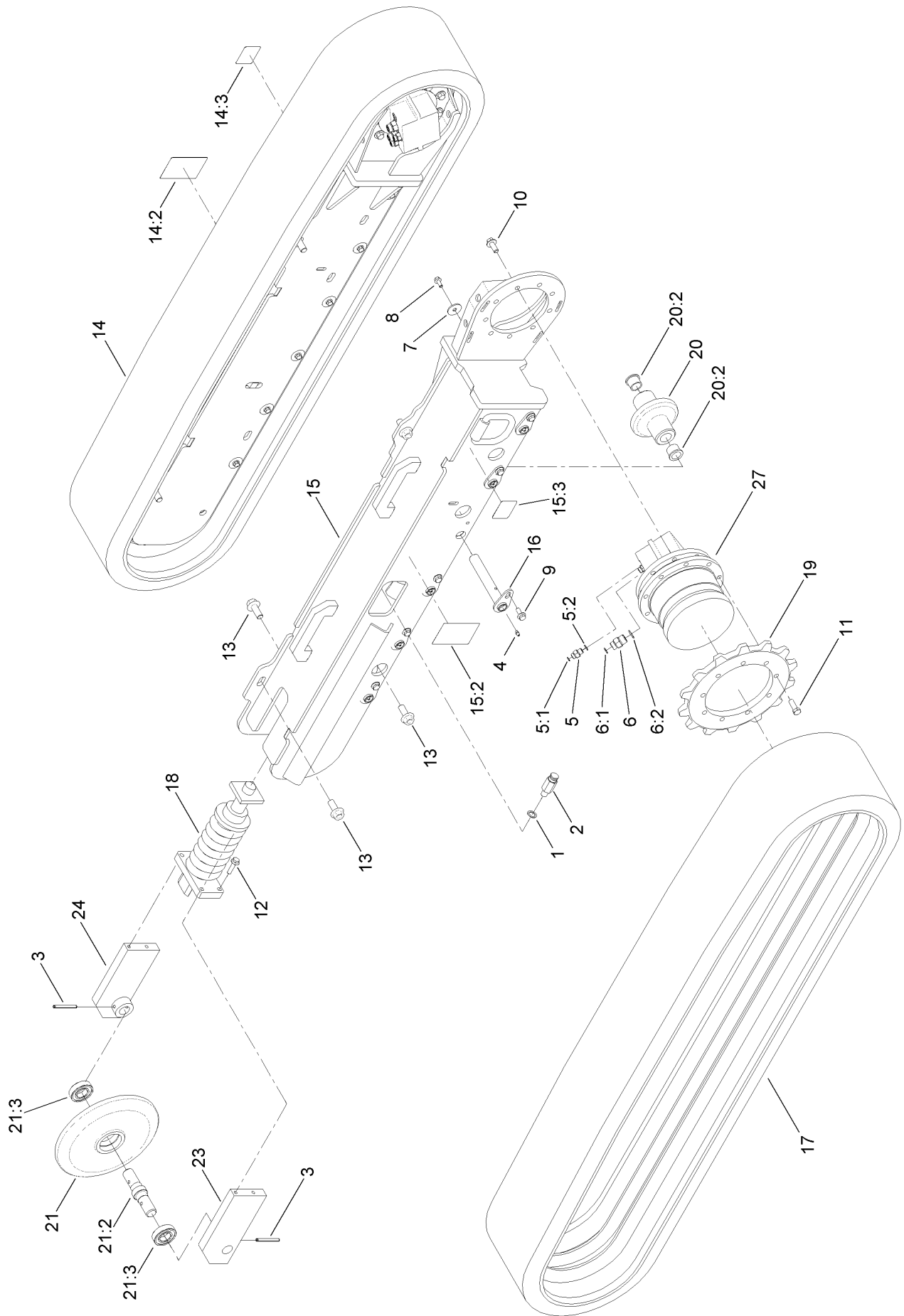


Rear Control Box and Coolant Tank Assembly (continued)

<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	127-0903	1	Rear Control Box ASM	9	104-3082	2	Nut-Lock, HHF
1:2	125-6113	1	Decal-Safety	10	127-0906	1	Rear Control Panel ASM
1:3	125-6117	1	Decal-Danger, No Riders (Rear)	10:2	125-6121	1	Decal-Rear Control
1:4	125-6118	1	Decal-Danger, Back Up	11	AU50GB2302	1	Latch-Trigger, Raised (W/Lock)
1:5	125-6120	1	Decal-Raise And Lower	11:1	131-0148	1	Key-Replacement ●
1:6	117-2718	1	Decal-Arrester, Spark	12	121-5159	1	Ignition Switch ASM
1:7	125-6189	1	Decal-Service	12:2	121-5160	1	Nut-Hex
2	33105-025	1	Screw-HHF	12:3	121-5161	1	Nut-Face
3	103-9511	1	Nut-Lock, NI	12:4	121-5162	1	Ignition Key Set
4	AU100862	4	Nut-U	16	AU8EO72001	1	Switch-Toogle, Spst, On-Off (Sealed)
5	33104-020	5	Screw-HHF	17	127-5315	1	Trim-Tank
6	127-0905	1	Tank Coolant ASM	18	127-5316	1	Trim-Tank
6:2	125-6137	1	Decal-Antifreeze	19	3269-28	1	Rivet-Pop
7	AU113714-03	1	Bracket-Bottle, Anti-Freeze	20	131-0039	1	Lamp-Indicator, LED
8	33104-030	1	Screw-HHF				

● Not illustrated

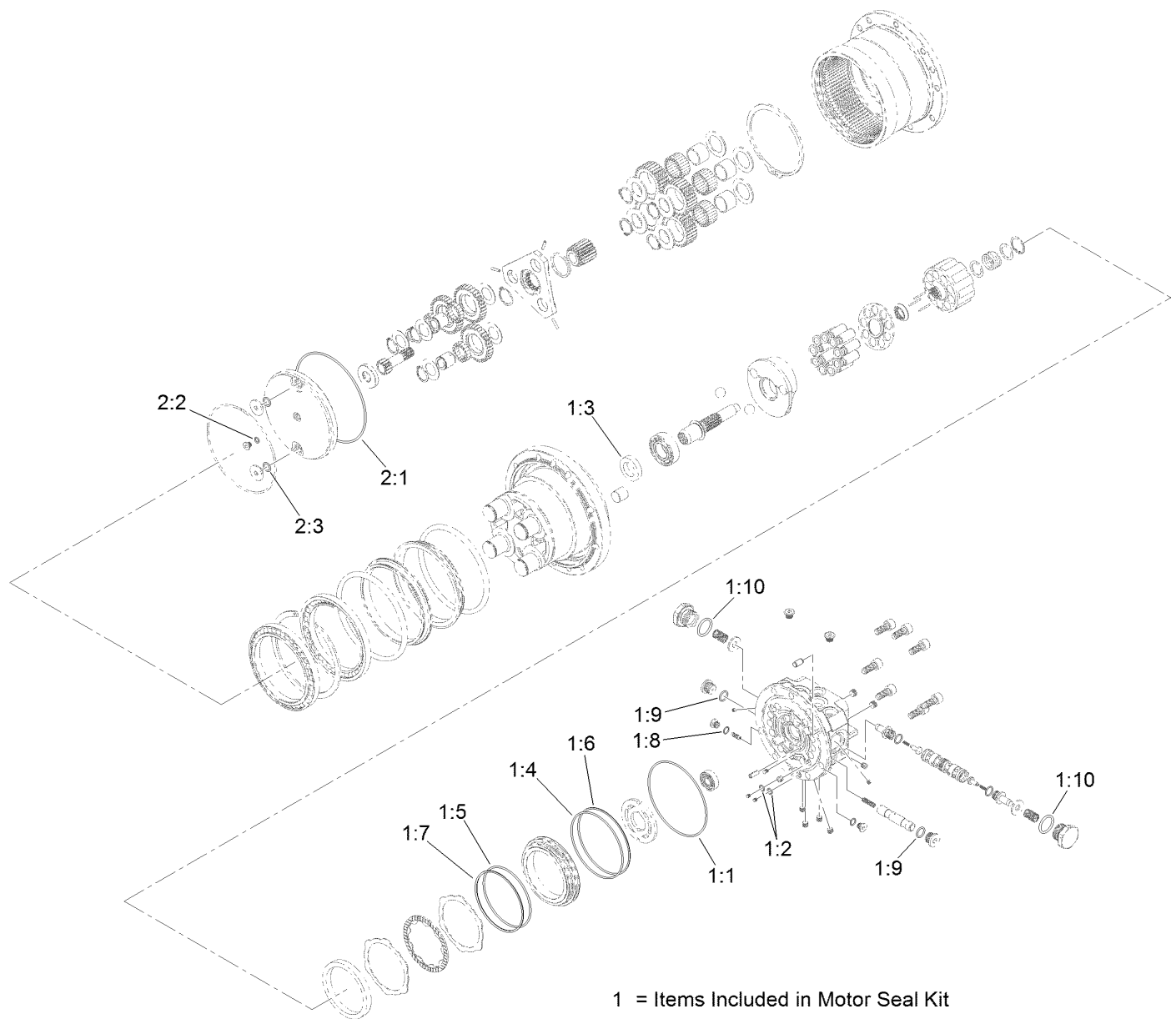
Track Assembly



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	AU30-807L-1059	2	Seal-O Ring	14:3	125-6694	1	Decal-Tie Down
2	AU30-807L-1060	2	Valve-Grease	15	127-0907	1	RH Track ASM
3	AU38-12044	4	Pin-Spring	15:2	125-6108	1	Decal-Warning, Thrown Objects
4	302-57	12	Fitting-Grease	15:3	125-6694	1	Decal-Tie Down
5	340-1	4	Fitting-HYD, Straight	16	AU111968	12	Pin-Flag
5:1	237-21	1	O-Ring	17	AU12GB2411	2	Track-Rubber
5:2	237-42	1	O-Ring	18	AU12GB2412	2	Tensioner-Track, Spring/Grease
6	340-6	4	Fitting-HYD, Straight	19	AU12GB2424-03	2	Sprocket-Track Drive
6:1	237-30	1	O-Ring	20	127-0963	12	Idler ASM
6:2	237-80	1	O-Ring	20:2	AU8CF90016	2	Bearing-Plain, Flanged
7	103470	12	Washer	21	127-0964	2	Idler ASM
8	33104-020	12	Screw-HHF	21:2	AU12GB2461	1	Pin-Idler Mount
9	33105-025	12	Screw-HHF	21:3	AU8CF40021	2	Bearing-Ball
10	33106-030	18	Screw-HHF	23	AU12GB2476-03	2	Bracket-Right Idler
11	33116-035	18	Screw-HH	24	AU12GB2477-03	2	Bracket-Left Idler
12	33105-040	8	Screw-HHF	27	AU8GB85014	2	Planetary Gearbox ASM
13	AU100831	12	Screw-HHF				
14	127-0908	1	LH Track ASM				
14:2	125-6108	1	Decal-Warning, Thrown Objects				

Planetary Gearbox Assembly No. AU8GB85014



- 1 = Items Included in Motor Seal Kit
2 = Items Included in Gearbox Seal Kit

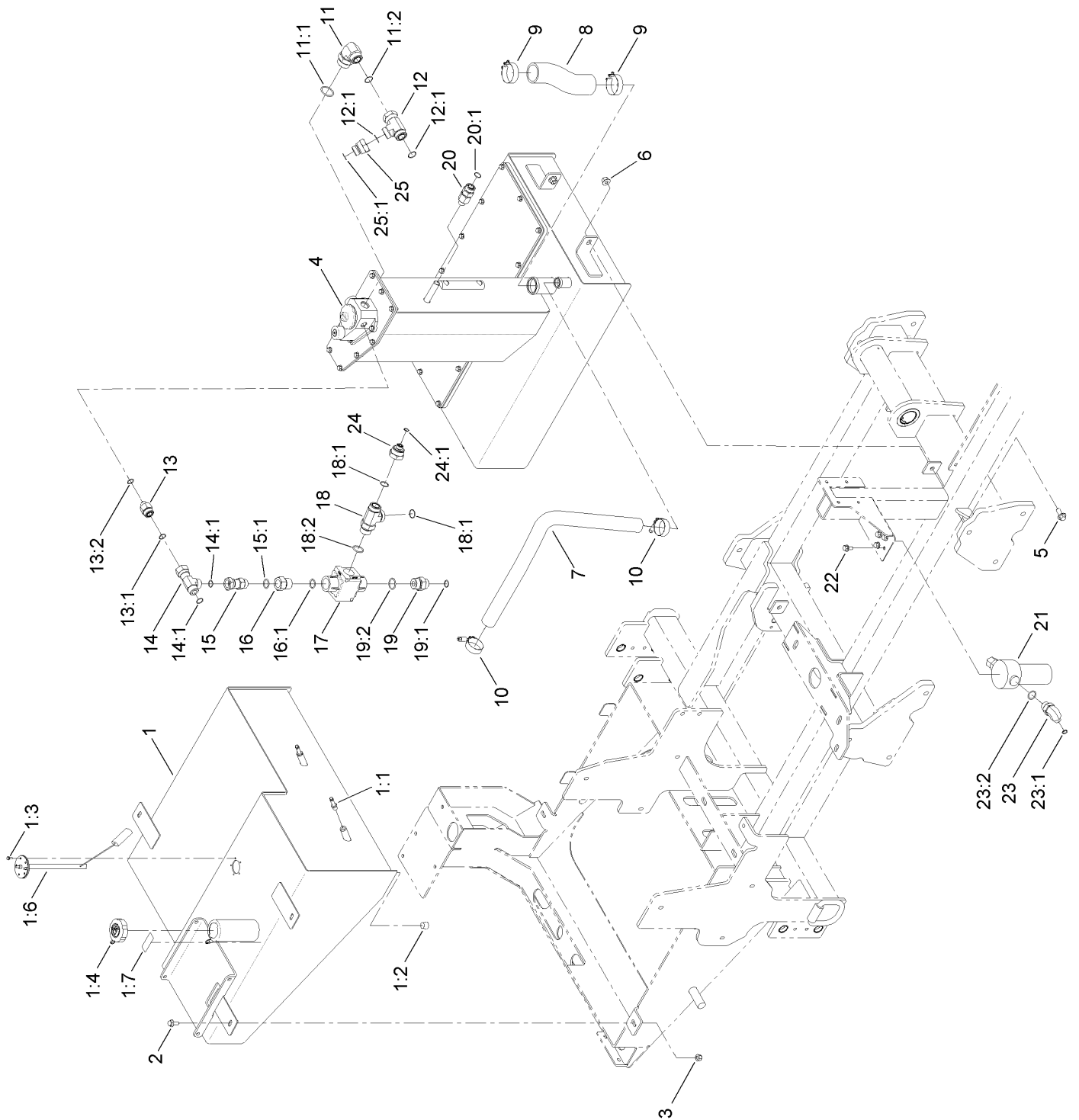
Planetary Gearbox Assembly No. AU8GB85014 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-6195	1	Motor Seal Kit
1:1		1	O-Ring ●
1:2		2	O-Ring ●
1:3		1	Seal-Oil ●
1:4		1	O-Ring ●
1:5		1	O-Ring ●
1:6		1	Ring-Back Up ●
1:7		1	Ring-Back Up ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:8		2	O-Ring ●
1:9		2	O-Ring ●
1:10		2	O-Ring ●
2	130-4599	1	Gearbox Seal Kit
2:1		1	O-Ring ●
2:2		2	O-Ring ●
2:3		1	O-Ring ●

● Not serviced separately

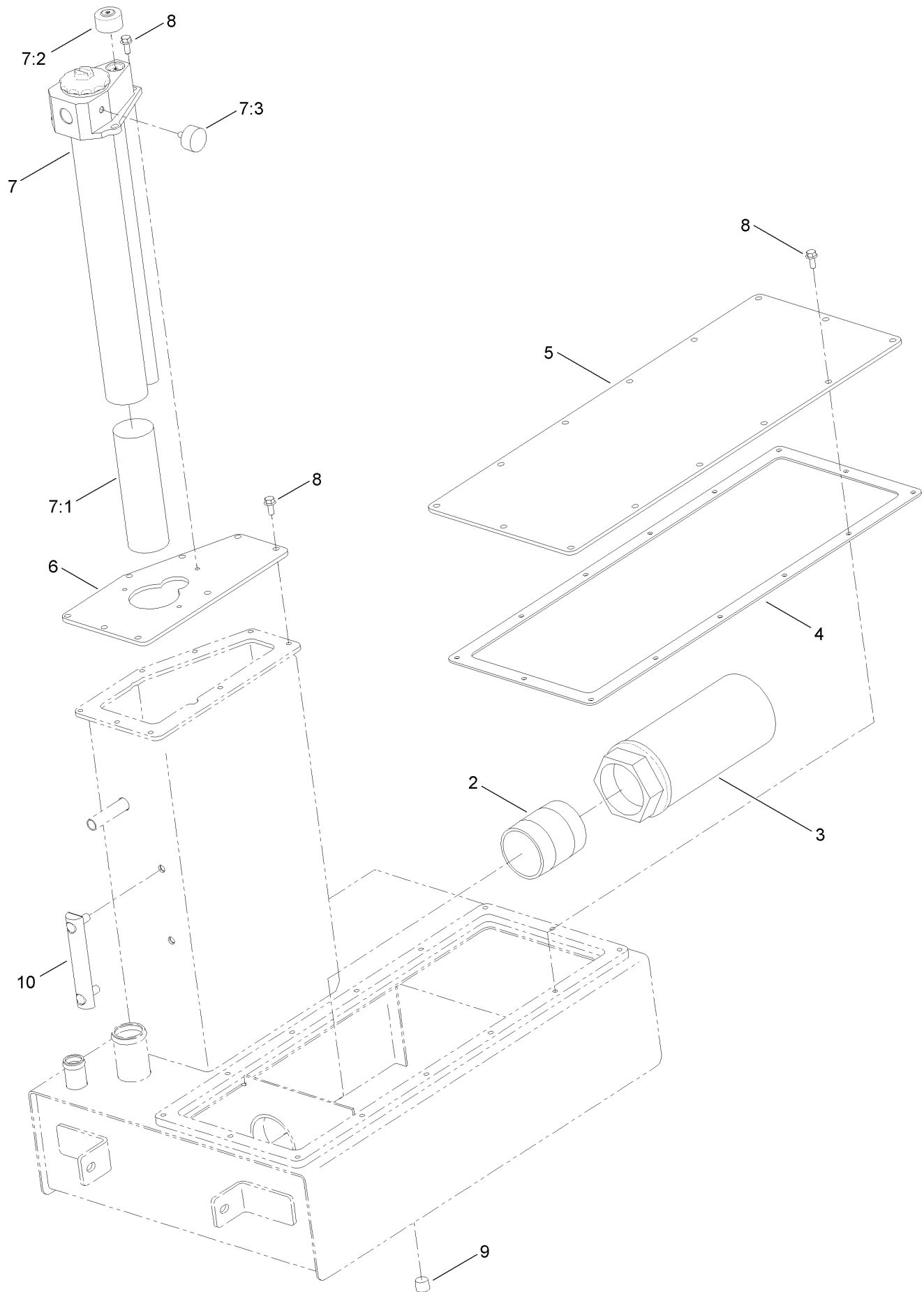
Fuel Tank and Hydraulic Tank Assembly



Fuel Tank and Hydraulic Tank 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	125-4516	1	Fuel Tank ASM	14:1	237-58	2	O-Ring
1:1	AU217-151	2	Stem-Straight, Bead	15	106-2009	1	Fitting-HYD, Swivel
1:2	AU217-439	1	Plug-Pipe, Hex Socket	15:1	237-81	1	O-Ring
1:3	32144-1	5	Screw-Taptite	16	AU8SA31612	1	Fitting-Straight
1:4	AU102188	1	Cap-Diesel Fuel W/ Lock	16:1	237-81	1	O-Ring
1:6	AU118484A1	1	Sender-Fuel	17	AU8HV01001	1	Valve-Thermostat
1:7	114-9600	1	Decal-Low Sulfur	18	104-3795	1	Fitting-HYD, Tee
2	33105-025	3	Screw-HHF	18:1	340-65	2	O-Ring
3	103-9511	3	Nut-Lock, NI	18:2	237-146	1	O-Ring
4	125-4511	1	Hydraulic Tank ASM	19	340-91	1	Adapter
5	33106-030	4	Screw-HHF	19:1	237-58	1	O-Ring
6	115-1115	4	Nut-Lock, HHF	19:2	237-146	1	O-Ring
7	AU113878	1	Hose	20	AU8TA61212	1	Fitting-Straight
8	AU113880	1	Hose	20:1	237-58	1	O-Ring
9	AU8CL14032	2	Clamp-T-Bolt	21	AU8FL20024	1	Filter-HYD, 350Psi (6 Micron)
10	AU109908	2	Clamp-Hose (T-Bolt)	22	3234-1	4	Screw-HHF
11	340-79	1	Adapter	23	340-131	2	Fitting-HYD, 90 DEG
11:1	237-101	1	O-Ring	23:1	237-30	1	O-Ring
11:2	340-65	1	O-Ring	23:2	237-81	1	O-Ring
12	AU8OR81616	1	Fitting-Tee	24	AU8OA80816	1	Fitting-Reducer
12:1	340-65	2	O-Ring	24:1	237-30	1	O-Ring
13	98-9921	1	Fitting-Thread, Straight	25	AU8OA81216	1	Fitting-Reducer
13:1	237-145	1	O-Ring	25:1	237-58	1	O-Ring
13:2	237-79	1	O-Ring				
14	AU8OR81212	1	Fitting-Tee				

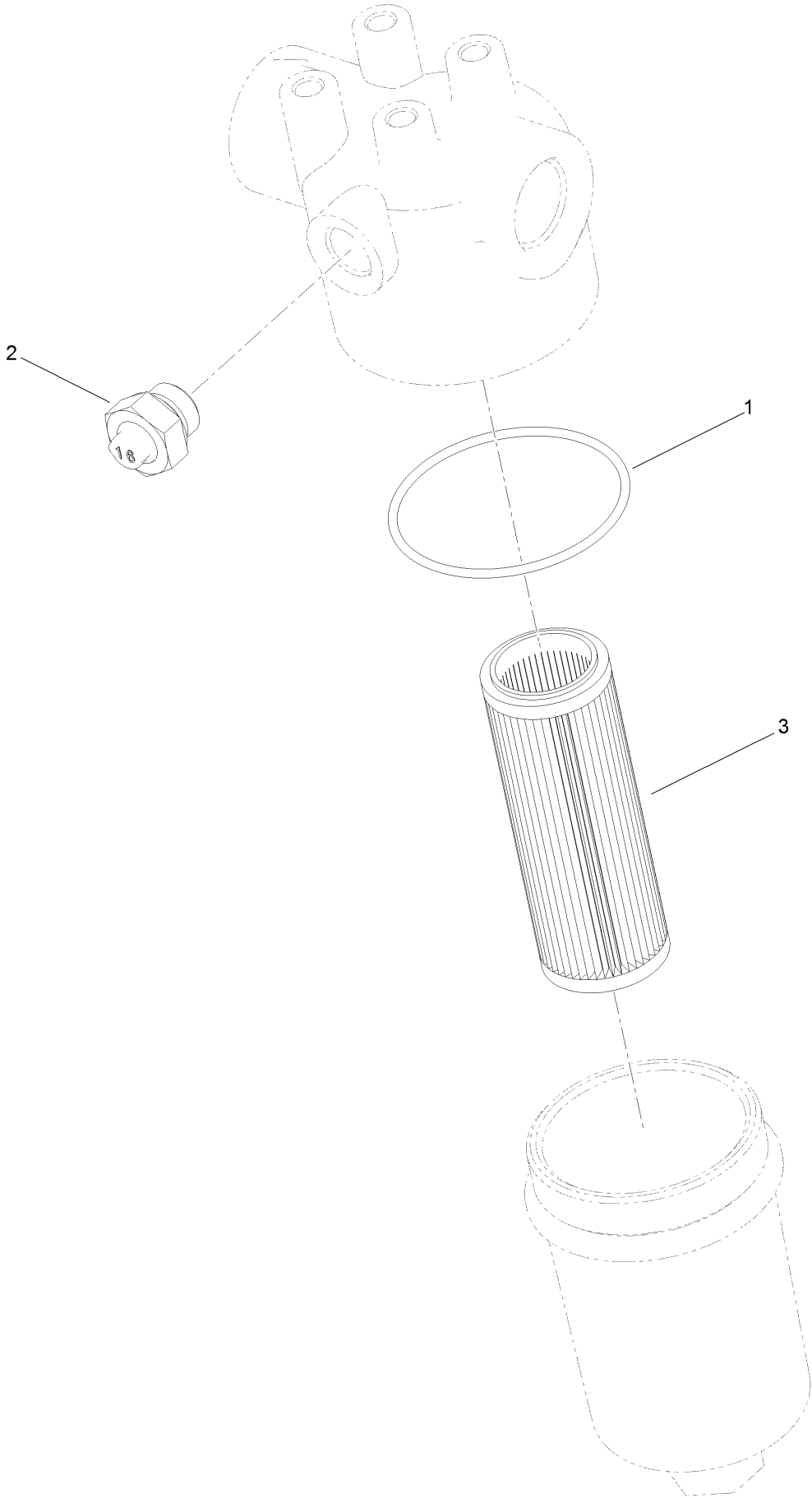
Hydraulic Tank Assembly No. 125-4511



Hydraulic Tank Assembly No. 125-4511 (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	AU8PN24800	1	Nipple-Pipe	7:1	127-5328	1	Filter-Tank, Hydraulic
3	AU8FL10008	1	Strainer-Suction, 100 Mesh	7:2	127-5334	1	Breather-Filter, Hydraulic
4	AU12GB2331	1	Gasket-Cover Lid, Hydraulic Tank	7:3	127-5335	1	*obs* Gauge-HYD Filter
5	AU12GB3355-03	1	Cover-Tank, Hydraulic	8	33104-020	25	Screw-HHF
6	AU113816-03	1	Plate-Lid, Hydraulic Tank	9	AU217-439	1	Plug-Pipe, Hex Socket
7	AU113815	1	Filter ASM (Hydraulic Tank)	10	AU8PG00005	1	Gauge-Level, Fluid (W/Thermometer)

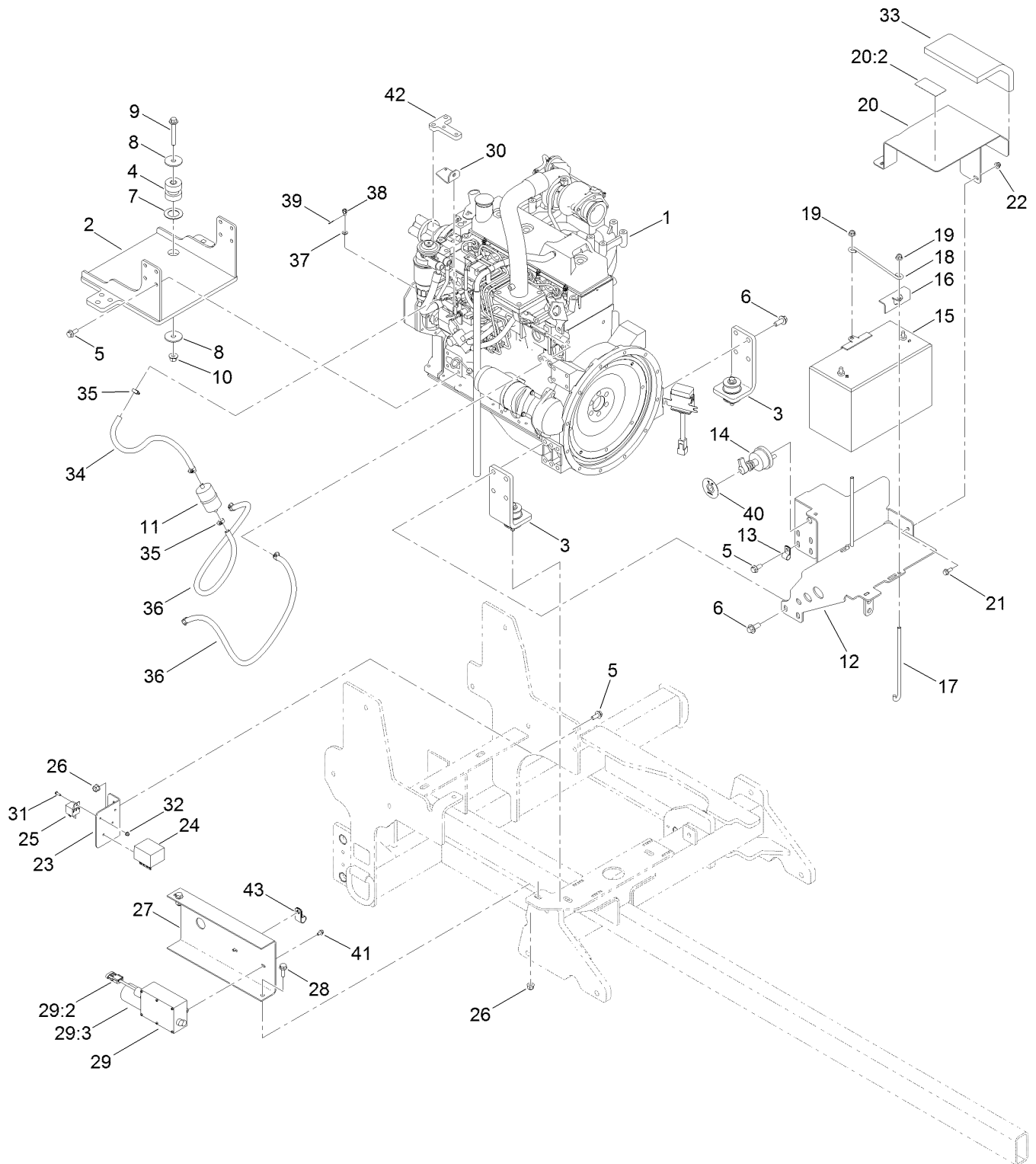
Hydraulic Fluid Filter Assembly No. AU8FL20024



Hydraulic Fluid Filter Assembly No. AU8FL20024 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-9611	1	O-Ring
2	131-7384	1	Indicator-Filter, Oil
3	AU8FL20024-1	1	Element-Filter, 6 Micron Abs

Engine and Battery Assembly

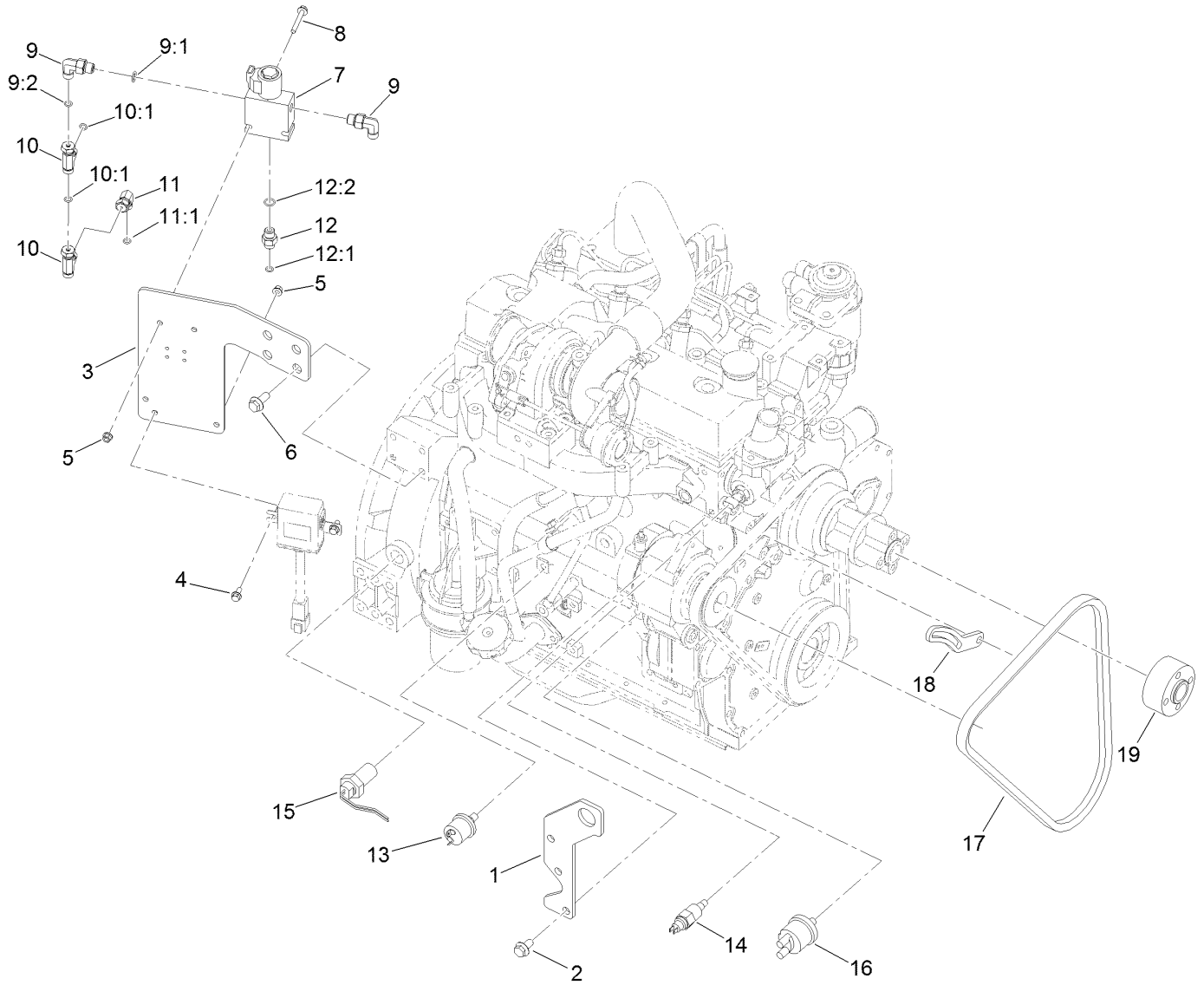


Engine and Battery Assembly (continued)

<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	Engine ASM ●	23	AU12GB3052-03	1	Bracket-Mounting, Relay
2	AU114801-03	1	Mount-Engine And Radiator	24	AU8NG10019-35	1	Relay-Control, Engine
3	AU12GB3114-03	2	Bracket-Mount, Engine	25	99-7435	1	Relay-Power
4	AU8NG28121	4	Isolator-Mounting, Universal	26	103-9511	4	Nut-Lock, NI
5	33105-025	14	Screw-HHF	27	AU114513-03	1	Bracket-Throttle
6	33106-030	8	Screw-HHF	28	33105-030	2	Screw-HHF
7	AU113262	4	Spacer-Isolator	29	AU6EE30101	1	Actuator-Throttle
8	AU496-81018	8	Washer-Flat	29:2	AU6EC12114	1	Connector
9	33106-080	4	Screw-HHF	29:3	131-7351	1	Motor-Electric, 12V
10	115-1115	4	Nut-Lock, HHF	30	AU12GB3042-03	1	Bracket-Throttle
11	AU8NG10019-24	1	Filter-Inline Fuel	31	119-7568	1	Screw-HSBH
12	AU119455-03	1	Bracket-Mount, Battery	32	120-4580	1	Nut-HF
13	2412-138	1	R-Clamp	33	AU122242	1	Shield-Heat
14	AU8EP02901	1	Switch-Battery (1000 Amp)	34	125-4529	1	Hose-Fuel
15		1	Battery (1000Cca, Wet) ●	35	2412-108	6	Clamp-Worm
16	AUD125079	2	Angle-Holddown, Battery	36	125-4530	2	Hose-Fuel
17	AUH436311	2	Bolt-Holddown, Battery	37	3256-22	1	Washer-Flat
18	AUD135073	1	Bracket-Holddown, Battery	38	125-4534	1	Pivot-Throttle
19	104-8301	2	Nut-Flange, NI	39	3272-1	1	Pin-Cotter
20	127-0910	1	Battery Shield ASM	40	AU8EP02902	1	Faceplate-Battery, On/Off
20:2	125-8473	1	Decal-Warning, Battery	41	3234-13	2	Screw-HHF
21	33104-020	2	Screw-HHF	42	127-0951-03	1	Plate-Mount, Filter
22	104-3082	2	Nut-Lock, HHF	43	2412-81	1	Clamp-R

● Not serviced separately

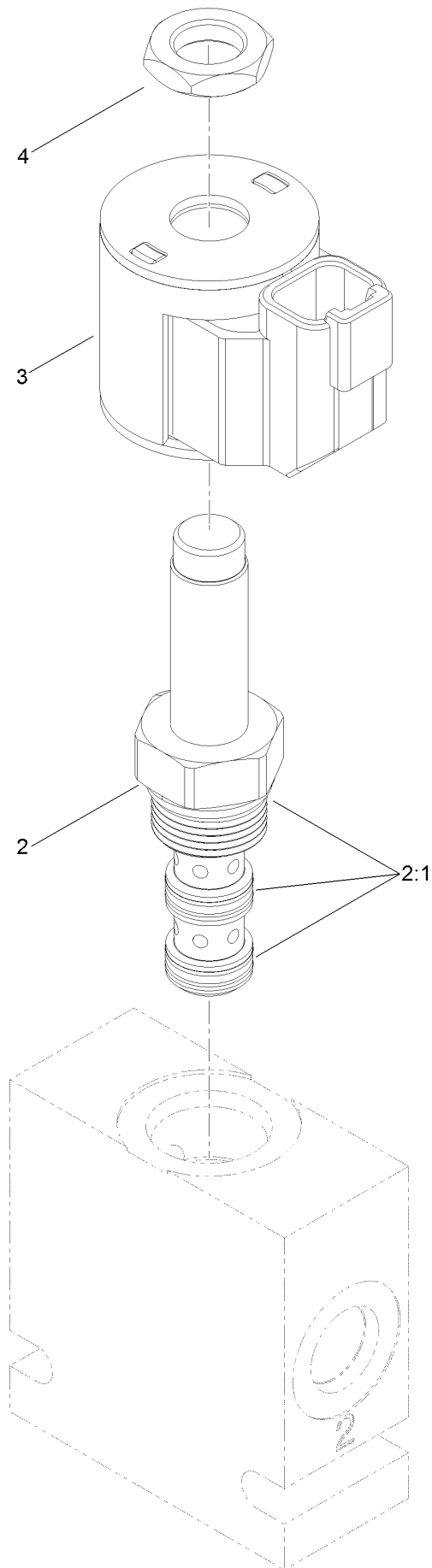
Engine Accessory Assembly



Engine Accessory 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	AU110823-03	1	Plate-Point, Hoist	11	92-2745	1	Fitting-Adaptor
2	33105-020	2	Screw-HHF	11:1	237-21	1	O-Ring
3	AU130554-03	1	Plate-Mount	12	340-1	1	Fitting-HYD, Straight
4	33103-016	2	Screw-HHF	12:1	237-21	1	O-Ring
5	81-0130	4	Nut-Flange, NI	12:2	237-42	1	O-Ring
6	33105-025	4	Screw-HHF	13	AU8NG10019-28	1	Sensor-Pressure, Oil
7	125-4467	1	Valve-Solenoid	14	AU8NG10019-29	1	Sensor-Coolant
8	33103-045	2	Screw-HHF	15	AU8NG10019-30	1	Sensor-Rpm, Mag Pickup
9	340-82	2	Fitting-HYD, 90	16	AU8NG10019-27	1	Sensor-Pressure, Oil
9:1	237-42	1	O-Ring	17	127-5323	1	Belt-V
9:2	237-21	1	O-Ring	18	127-5324-03	1	Bracket-Alternator
10	340-151	2	Fitting-HYD	19	130-4471	1	Spacer-Fan
10:1	237-75	2	O-Ring				

Solenoid Valve Assembly No. 125-4467

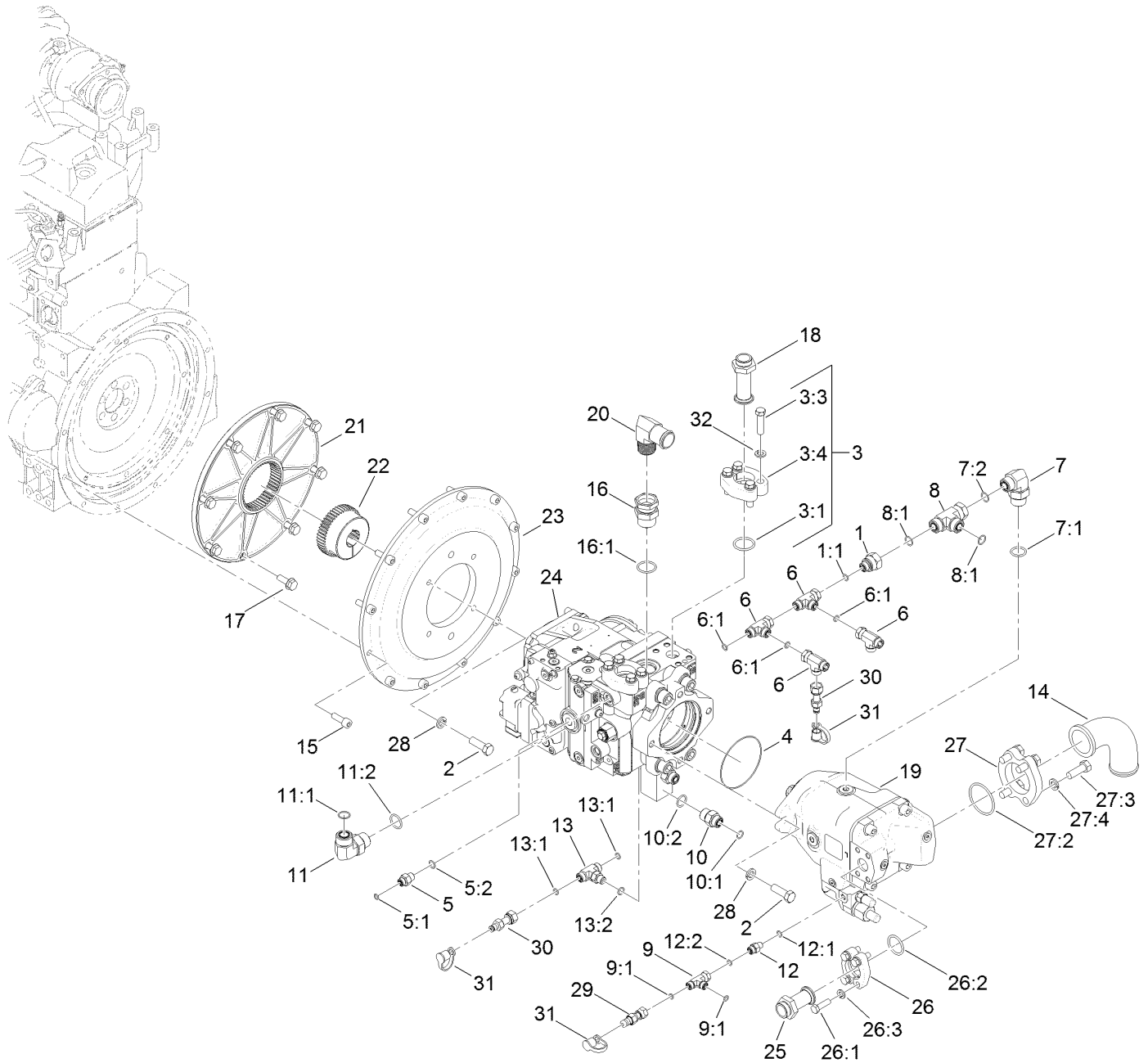


Solenoid Valve Assembly No. 125-4467 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	106-1995	1	Valve-3 Way
2:1	110-8773	1	Seal Kit

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	112-0197	1	E Coil-12V Dc
4	110-2634	1	Nut-Coil

Engine Bell Housing and Hydraulic Pump Assembly

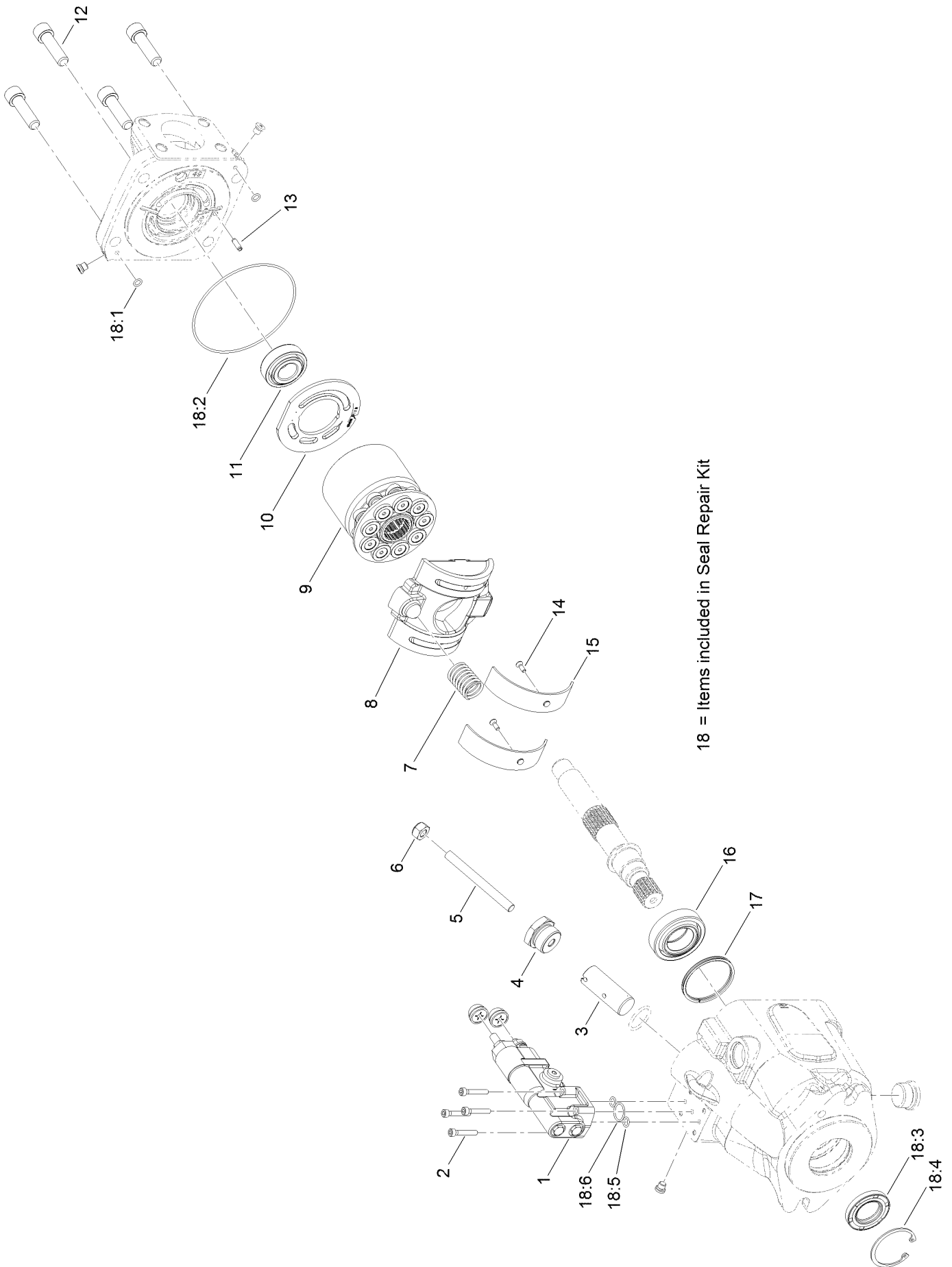


Engine Bell Housing and Hydraulic Pump Assembly (continued)

<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	98-7067	1	Fitting-HYD	13:1	237-22	2	O-Ring
1:1	237-22	1	O-Ring	13:2	237-42	1	O-Ring
2	115-8487	6	Screw-HH	14	125-4537	1	End-Hose
3	AU114285A1	2	HYD Flange Kit	15	AU862-10030	12	Screw-HSH
3:1	121-3904	1	O-Ring	16	AU91-2066-16-16S	1	Fitting-Straight
3:3	AU113-372	4	Screw-HH	16:1	237-146	1	O-Ring
3:4		2	Flange-Half, Code 62 ●	17	33105-030	8	Screw-HHF
4	115-3009	1	O-Ring	18	AU8OS51616	1	Adapter-Flange, Straight
5	340-1	2	Fitting-HYD, Straight	19	AU119079	1	HYD Load Sense Piston Pump ASM
5:1	237-21	1	O-Ring	20	AU217-166	1	Fitting-Elbow, 90
5:2	237-42	1	O-Ring	21	AU8PD92012	1	Coupling-Drive
6	340-115	4	Fitting-Tee, Swivel Nut	22	AU8PD92013	1	Hub-Steel
6:1	237-22	2	O-Ring	23	AU8PD92014-03	1	Cover-Flywheel, Pump Mount
7	340-139	1	Fitting-HYD, 90 DEG	24	132-4243	1	HYD Hydrostat Pump ASM
7:1	237-81	1	O-Ring	25	AU8OS11616	1	Adapter-Flange, Straight
7:2	237-65	1	O-Ring	26	AU8TS46116	1	Split Flange Kit
8	340-147	1	Fitting-HYD, Tee	26:1	323-44	4	Screw-HH
8:1	237-65	2	O-Ring	26:2	121-3904	1	O-Ring
9	340-151	1	Fitting-HYD	26:3	3253-21	4	Washer-Lock
9:1	237-75	2	O-Ring	27	125-4538	1	Flange Kit
10	340-6	2	Fitting-HYD, Straight	27:2	125-6148	1	O-Ring
10:1	237-30	1	O-Ring	27:3	325-6	4	Screw-HH
10:2	237-80	1	O-Ring	27:4	3253-7	4	Washer-Lock
11	340-142	1	Fitting-HYD, 90 DEG	28	3253-7	6	Washer-Lock
11:1	237-58	1	O-Ring	29	115-8886	1	Nipple-Test
11:2	237-81	1	O-Ring	30	86-5480	2	Nipple-Test
12	340-92	1	Fitting-HYD, Straight	31	354-79	3	Cap-Dust
12:1	237-78	1	O-Ring	32	3253-6	8	Washer-Lock
12:2	237-21	1	O-Ring				
13	340-94	1	Adapter				

● Not serviced separately

Hydraulic Load Sense Piston Pump No. AU119079



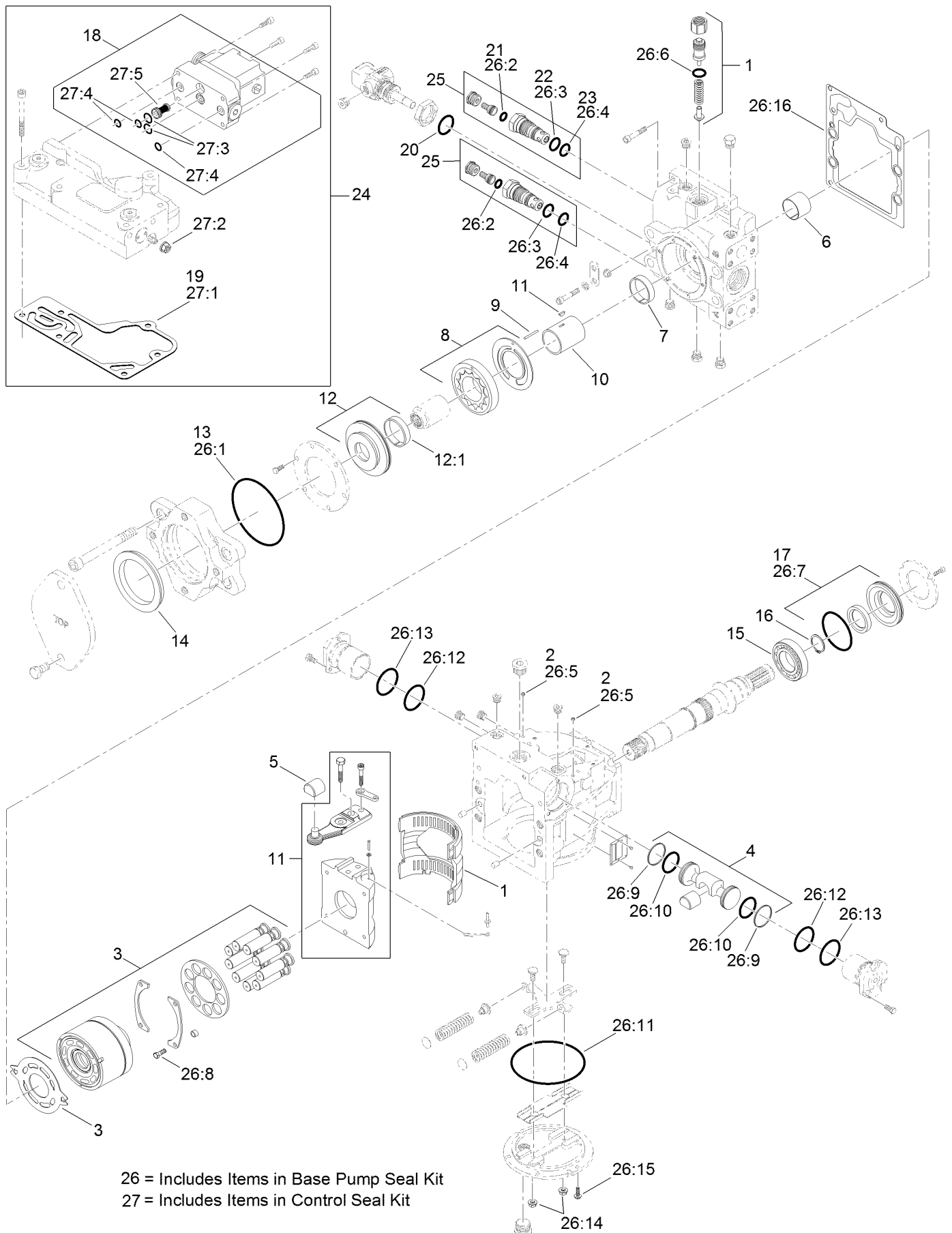
18 = Items included in Seal Repair Kit

Hydraulic Load Sense Piston Pump No. AU119079 (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	127-9681	1	Compensator ASM	13	93-6369	1	Pin-Roll
2	127-9682	4	Screw-Cap	14	127-9676	2	Screw-HSFH
3	127-9683	1	Piston-Control	15	127-9675	2	Bearing-Swashplate
4	127-9684	1	Plug-Adjuster, Stroke	16	127-9673	1	Front Shaft Bearing ASM
5	127-9685	1	Screw-Set, Adjuster	17	127-9671	1	Ring-Crush
6	127-9686	1	Nut-Sealing	18	127-9687	1	Seal Kit
7	127-9677	1	Spring-Bias	18:1		2	O-Ring ●
8	127-9678	1	Swashplate	18:2		1	O-Ring ●
9	127-9679	1	Rotating ASM	18:3	105-3331	1	Seal-Shaft
10	127-9672	1	Plate-Valve	18:4	60-6260	1	Ring
11	127-9674	1	Rear Shaft Bearing ASM	18:5		2	O-Ring ●
12	127-9680	4	Screw-Cap	18:6		1	O-Ring ●

● Not serviced separately

Hydrostat Pump Assembly No. 132-4243

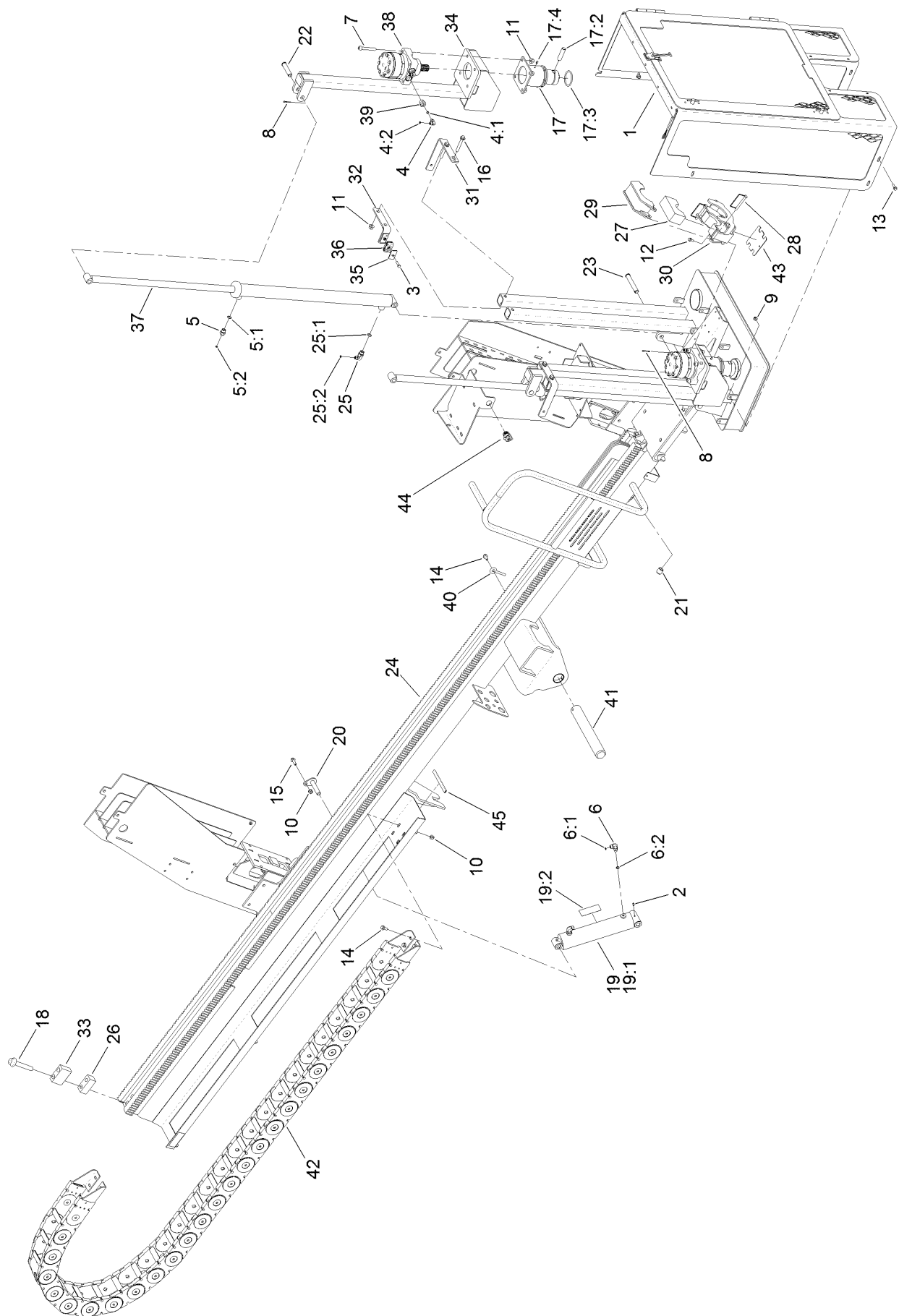


Hydrostat Pump Assembly No. 132-4243 (continued)

<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	130-4570	1	Bearing ASM	25	130-4590	2	Multi-Function Valve Kit
2	136-1620	3	Screen-Filter, Control	26	130-4591	1	Base Pump Seal Kit
3	130-4571	1	Plate-Valve	26:1	AU70-9004104-1580	1	O-Ring
4	130-4572	1	Servo Piston Kit	26:2		2	O-Ring ●
5	136-1621	1	Block-Slider	26:3		2	O-Ring ●
6	130-4576	1	Bearing-Journal	26:4		2	O-Ring ●
7	130-4577	2	Bushing	26:5		2	Screen-Control Filter ●
8	130-4578	1	Charge Pump Set	26:6		1	O-Ring ●
9	92-1357	1	Pin	26:7	130-4584	1	Shaft Seal ASM
10	136-1622	1	Charge Pump Shaft	26:8		4	Screw ●
11	136-1623	1	Key	26:9		2	O-Ring ●
12	130-4579	1	Charge Pump Cover ASM	26:10		2	O-Ring ●
12:1	130-4577	1	Bushing	26:11		1	O-Ring ●
13	AU70-9004104-1580	1	O-Ring	26:12		2	O-Ring ●
14	130-4581	1	Seal-B Pad	26:13		2	O-Ring ●
15	130-4582	1	Bearing-Roller	26:14		2	Nut ●
16	130-4583	1	Ring-Retaining	26:15		2	Screw ●
17	130-4584	1	Shaft Seal ASM	26:16		1	Gasket-End Cap ●
18	AU104298	1	Weather Pack Connector Kit	27	130-4589	1	Control Seal Kit
19	131-7628	1	Gasket-Control	27:1	131-7628	1	Gasket-Control
20	131-8615	1	O-Ring	27:2		1	Nut-Seal ●
21	136-1624	2	O-Ring	27:3		2	O-Ring ●
22	136-1625	2	O-Ring	27:4		3	O-Ring ●
23	136-1626	2	O-Ring	27:5		1	Filter ASM ●
24	130-4588	1	Edc Kit				

● Not serviced separately

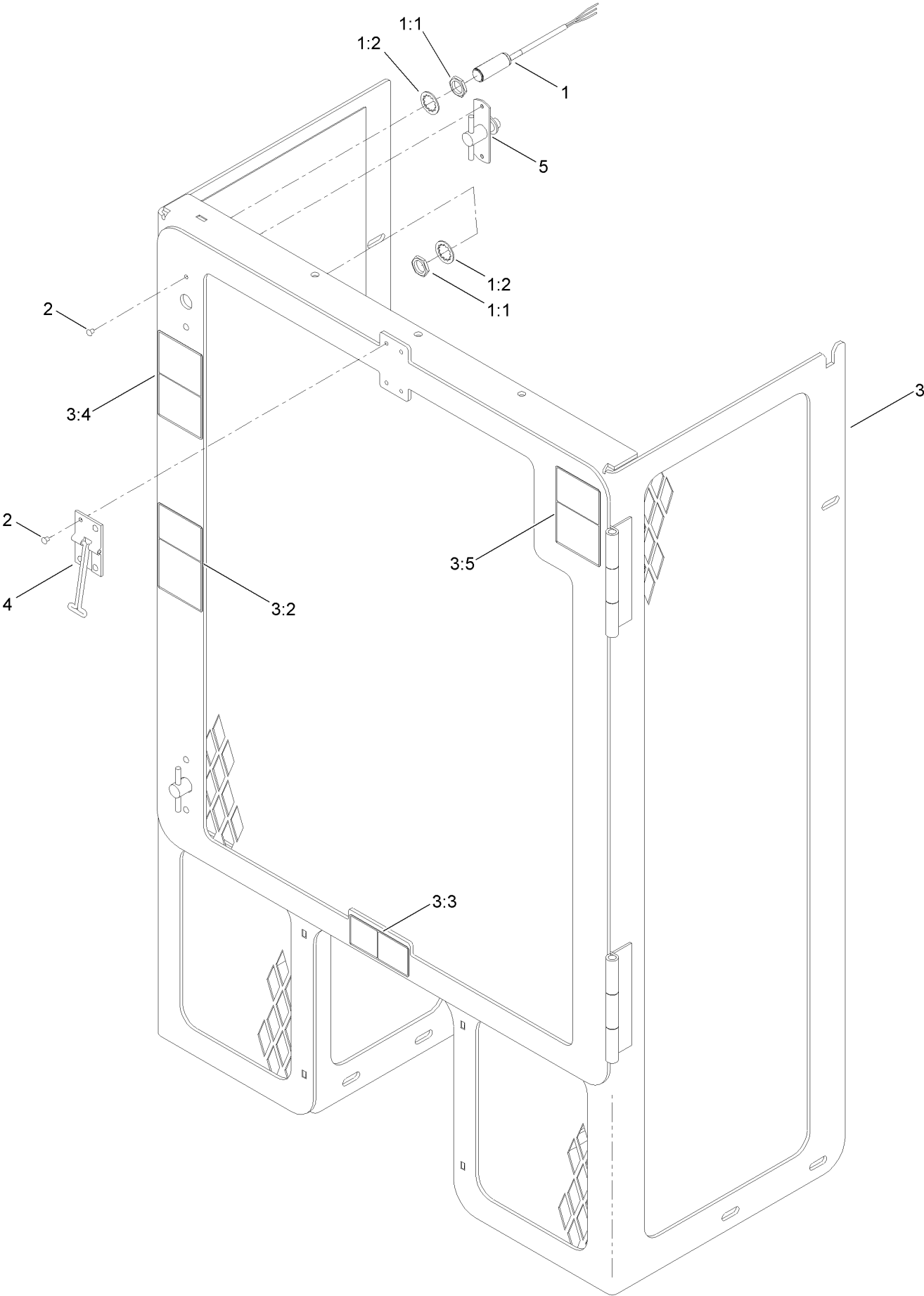
Thrust Frame and Stakedown Assembly



Thrust Frame and Stakedown 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	127-0992	1	Stakedown Cage ASM	20	AU109483	1	Pin-Flag
2	302-57	2	Fitting-Grease	21	AU109676	2	Bushing-Spring
3	322-47	2	Screw-HH	22	AUS10839	2	Pin-Clevis
4	340-132	4	Fitting-HYD, 90 DEG	23	AU110282	2	Pin-Clevis
4:1	237-78	1	O-Ring	24	132-4244	1	Thrust Frame ASM
4:2	237-21	1	O-Ring	25	108-5687	2	Fitting-Elbow, 90
5	340-133	2	Adapter ASM	25:1	237-79	1	O-Ring
5:1	237-79	1	O-Ring	25:2	237-21	1	O-Ring
5:2	237-21	1	O-Ring	26	AU112132-03	1	Block-Tapped
6	340-77	2	Fitting-HYD, 90 DEG	27	AU113442	2	Bushing-Rod Guide
6:1	237-22	1	O-Ring	28	AU113514	2	Pin-Self Locking
6:2	237-42	1	O-Ring	29	AU113516-03	1	Guide-Rod Bushing, Top
7	AU864-12080	8	Screw-HSH	30	AU113517-03	1	Guide-Rod Bushing, Bottom
8	3272-12	4	Pin-Cotter	31	AU113696-03	2	Tie-Post, Stakedown
9	104-3082	10	Nut-Lock, HHF	32	AU12GB2011-03	2	Tie-Post, Hose Bracket
10	103-9511	5	Nut-Lock, NI	33	AU12GB2030-03	1	Stop-Carriage
11	115-1115	12	Nut-Lock, HHF	34	AU12GB7508-03	2	Stakedown
12	33104-020	4	Screw-HHF	35	AU8CL21201	2	Plate-Cover, Twin
13	33104-030	10	Screw-HHF	36	AU8CL21704	2	Clamp-Half (Set Of 2)
14	33105-025	5	Screw-HHF	37	AU8HC20030	2	HYD Cylinder ASM
15	33105-035	1	Screw-HHF	38	AU8HM24055	2	HYD Motor ASM
16	33106-080	4	Screw-HHF	39	AU8SA31004	4	Reducer-Straight, Threaded
17	AU12GB7507	2	Stakedown Coupler ASM	40	AUH313981	1	Pin-Retainer
17:2	AU12GB7514	1	Pin-Coupling, Stake	41	125-4525	1	Pin-Pivot, Thrust Frame
17:3	131-0034	1	O-Ring	42	AU110373	1	Carrier-Hose
17:4	302-57	1	Fitting-Grease	43	125-4468-03	1	Shim-Rod Guide, Bottom
18	AU100378	2	Screw-HHF	44	109-9376	1	Receptacle-12V
19	127-0913	1	Lift Cylinder ASM	45	127-0976	1	Trim-Carrier, Hose
19:1	AU109341	1	Cylinder-Hydraulic				
19:2	125-6115	1	Decal-Caution, Cylinder Lock				

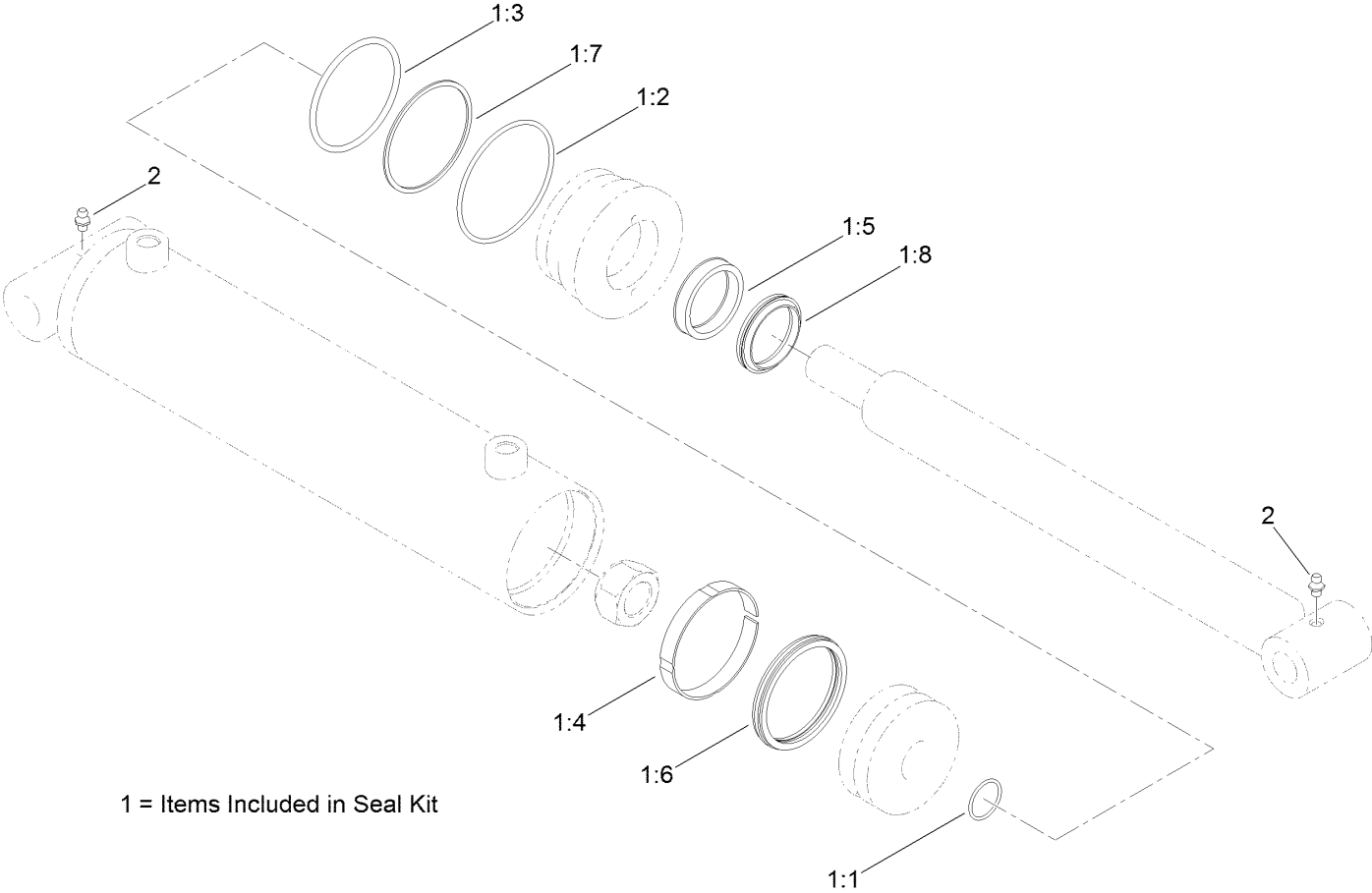
Stakedown Cage Assembly No. 127-0992



Stakedown Cage Assembly No. 127-0992 (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	115-5300	1	Proximity Switch ASM	3:4	125-6126	1	Decal-Warning, Entanglement
1:1	117-3207	2	Nut-Hex	3:5	125-6131	2	Decal-Danger, Hazardous Area
1:2	117-3208	2	Washer-Lock, Internal Tooth	4	AU114618	1	Latch-Retaining
2	1-803035	8	Rivet-Pop	5	AUL102515	2	Latch
3	127-0912	1	Stakedown Cover ASM				
3:2	125-6114	1	Decal-Danger, Impact Hazard				
3:3	125-6119	1	Decal-Danger, Entanglement				

Hydraulic Cylinder Assembly No. AU109341



1 = Items Included in Seal Kit

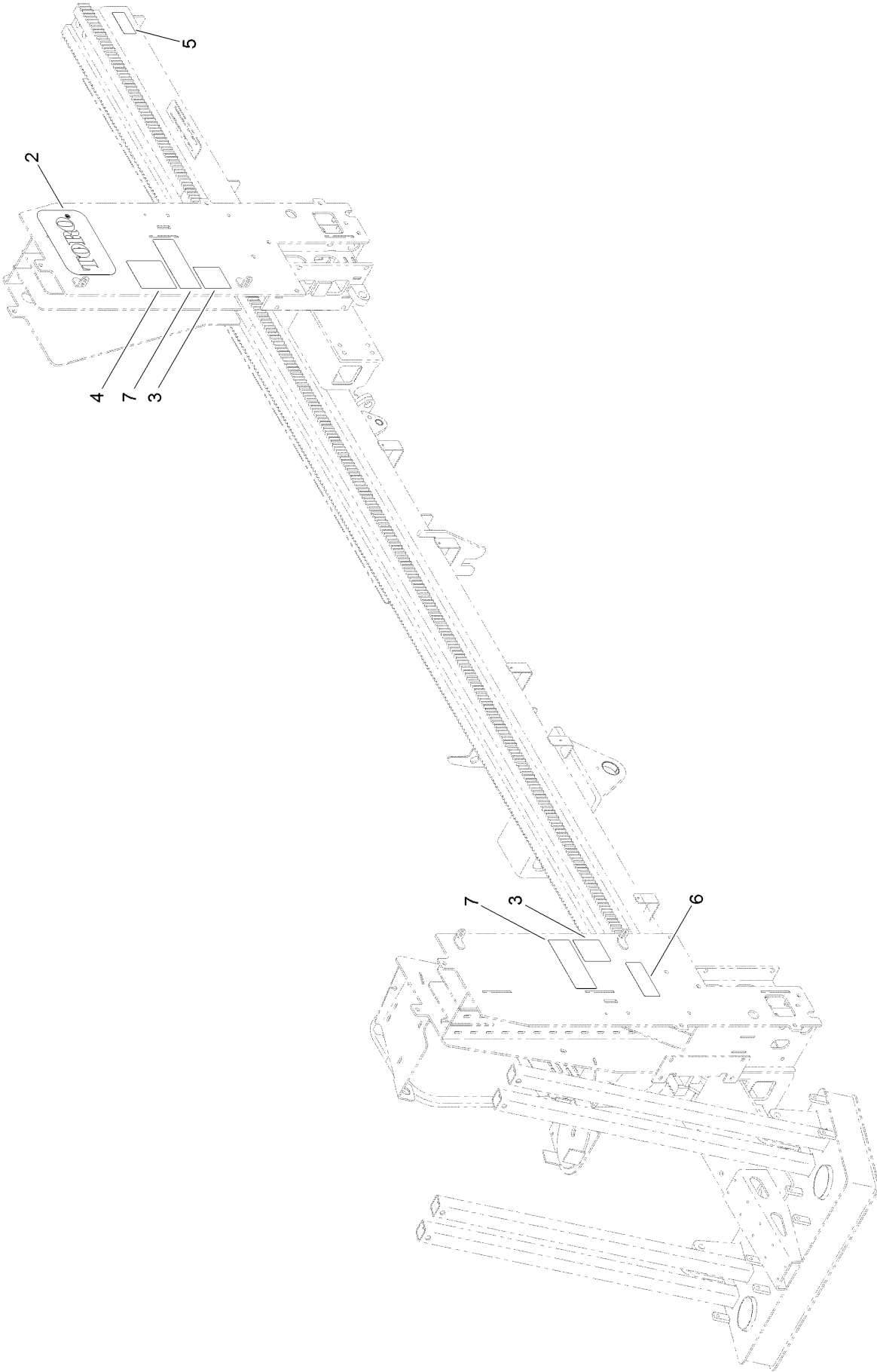
Hydraulic Cylinder Assembly No. AU109341 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-8351	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	O-Ring ●
1:3		1	O-Ring ●
1:4		1	Ring-Piston Bearing ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	Seal-U Cup ●
1:6		1	Seal-Crown ●
1:7		1	Washer-Back Up ●
1:8		1	Wiper ●
2	302-52	2	Fitting-Grease

● Not serviced separately

Thrust Frame Assembly No. 132-4244

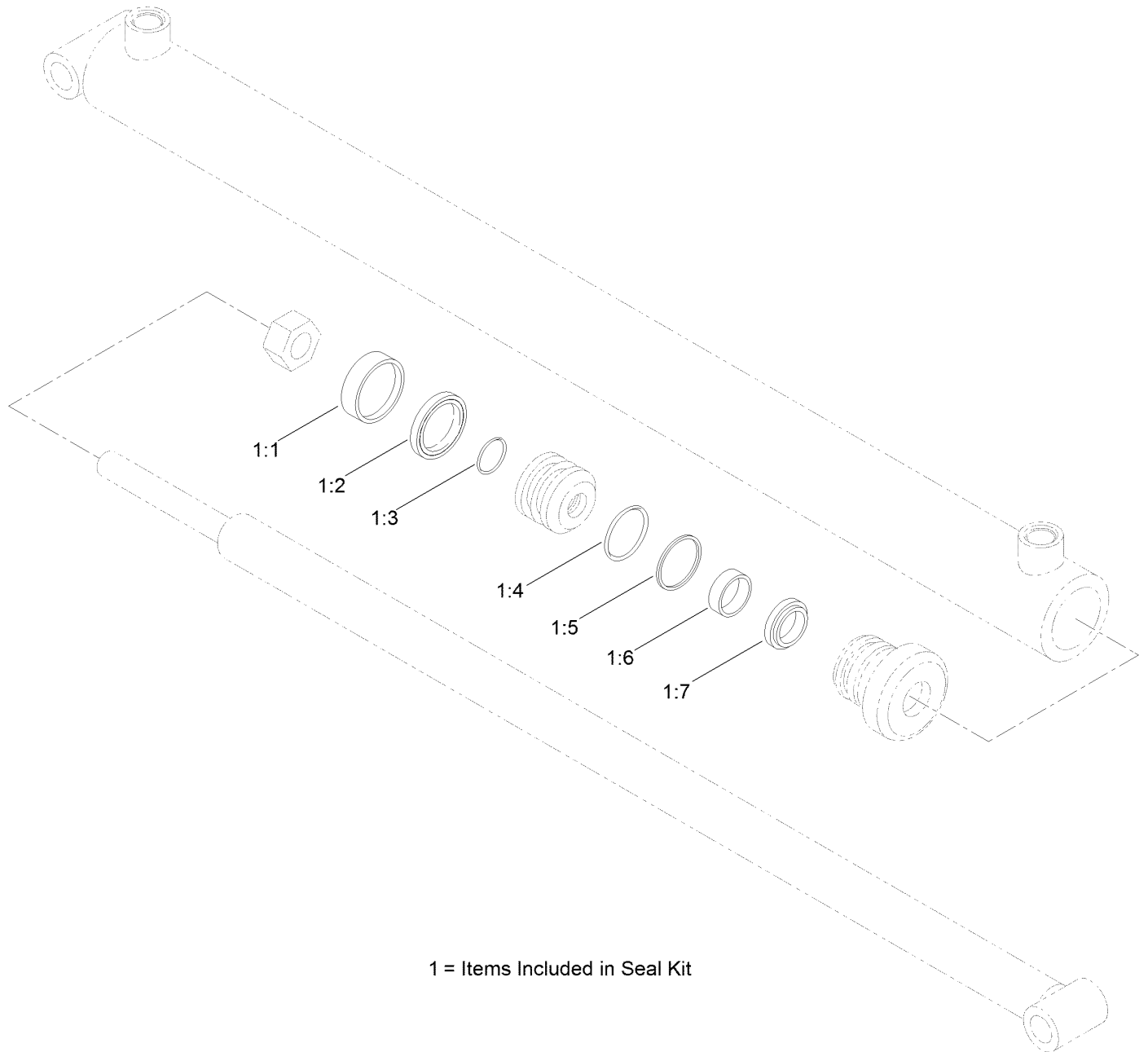


Thrust Frame Assembly No. 132-4244 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	105-4222	1	Decal
3	125-6107	2	Decal-Warning, Crushing
4	125-6109	1	Decal-Danger, Shock
5	125-6110	2	Decal-Danger, Crushing

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	125-6128	1	Decal-Warning, Hydraulic Pressure
7	125-6130	2	Decal-Danger, Hazardous Area

Hydraulic Cylinder Assembly No. AU8HC20030



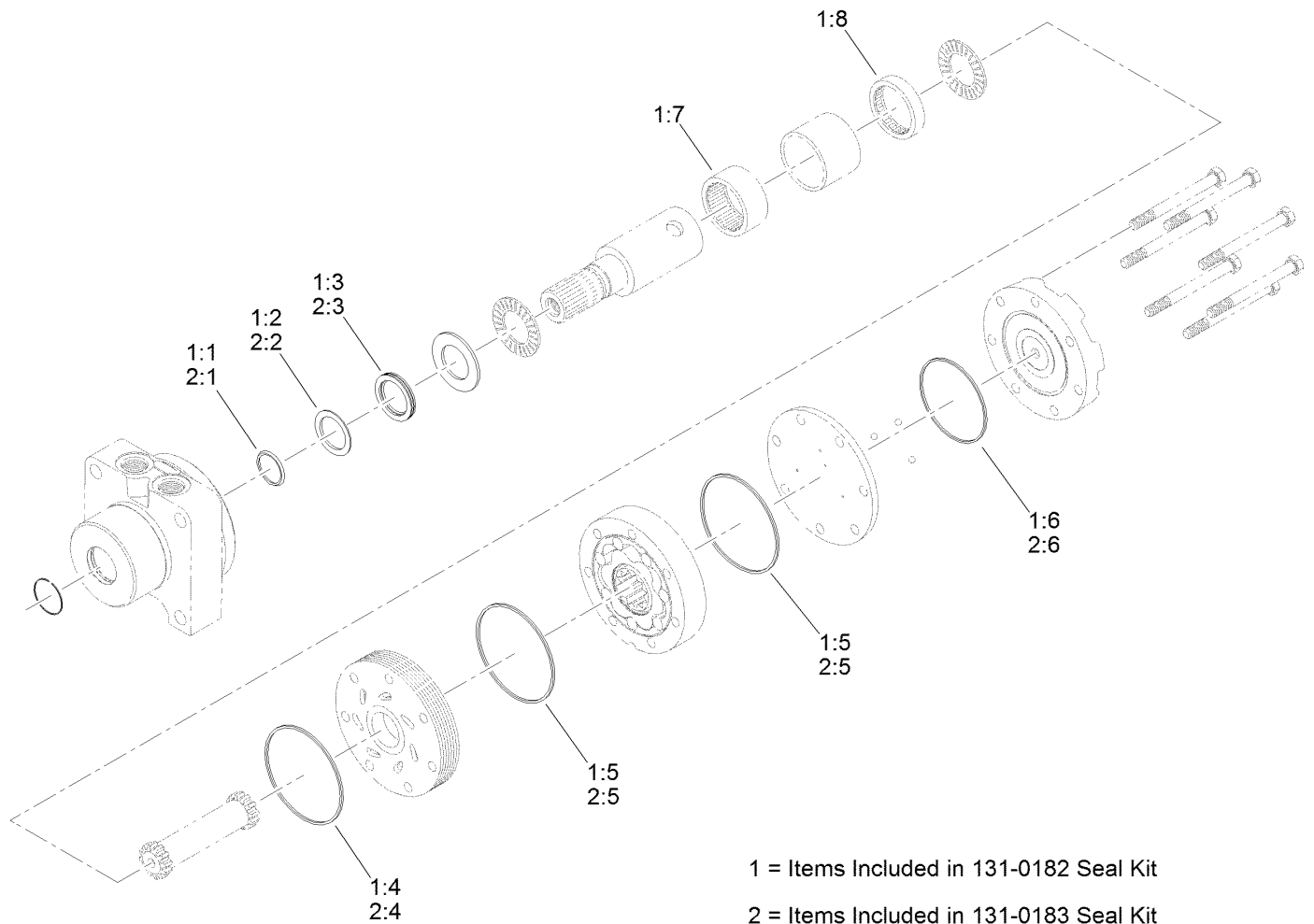
Hydraulic Cylinder Assembly No. AU8HC20030 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-3442	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	Ring-Backup ●
1:6		1	Polypak ●
1:7		1	Wiper-Rod ●

● Not serviced separately

Hydraulic Motor Assembly No. AU8HM24055



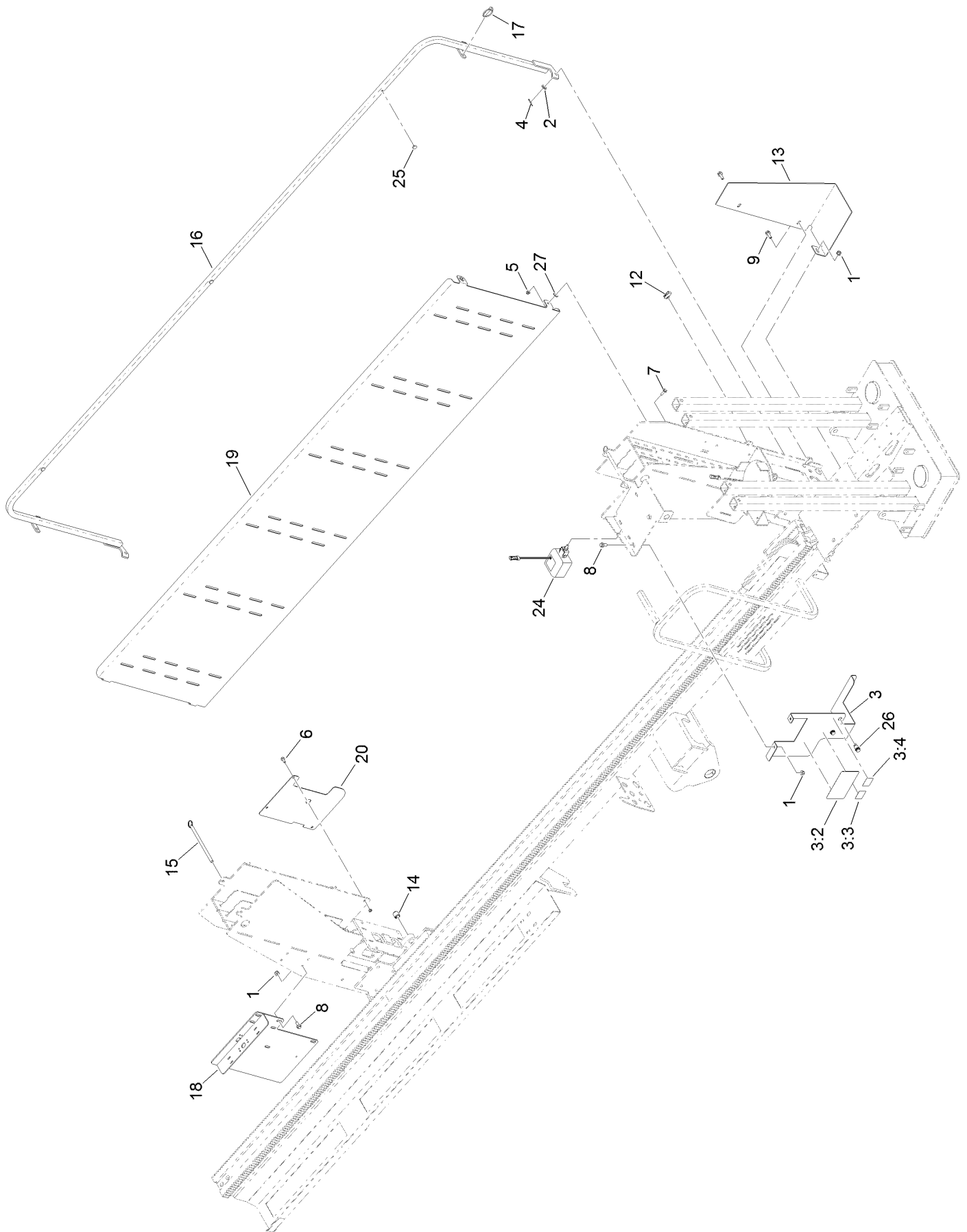
Hydraulic Motor Assembly No. AU8HM24055 (continued)

<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

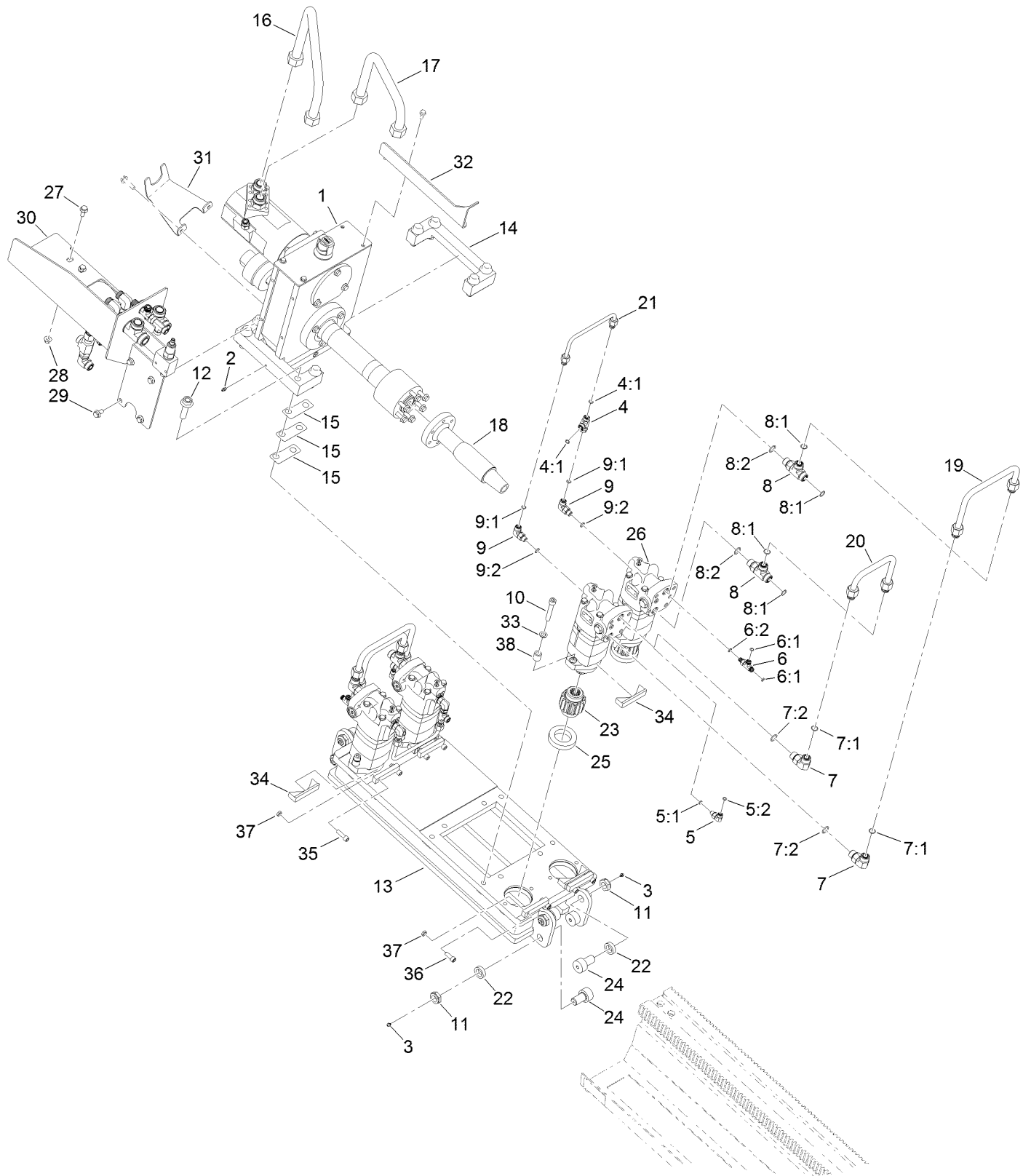
Rod Box and Guard Assembly



Rod Box and Guard 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	13	AU109021-03	1	Cover-Side
2	106-9888	2	Washer-Flat	14	AU109676	2	Bushing-Spring
3	127-0916	1	Guard Plate ASM	15	131-3403	4	Pin
3:2	125-6111	1	Decal-Stakedown Set Up	16	AU109905-01	1	Guard
3:3	125-6123	1	Decal-Pipe Return, Clear	17	283-71	2	Pin-Lynch
3:4	125-6124	1	Decal-Pipe Breakout, Clear	18	AU124738-03	1	Plate-Mount, Switch
4	3272-12	2	Pin-Cotter	19	AU129871-03	1	Panel-Rod Box
5	104-3082	4	Nut-Lock, HHF	20	AU12GB7390-03	2	Guard-Elevator
6	33104-020	6	Screw-HHF	24	122-0144	2	Work Light ASM
7	33104-025	4	Screw-HHF	25	1-513658	3	Bumper
8	33105-025	8	Screw-HHF	26	131-0040	2	Lamp-Indicator, LED
9	33105-030	3	Screw-HHF	27	104-2946	4	Washer-Plain
12	AU100863	2	Nut-U				

Rotary Gearbox and Carriage Assembly

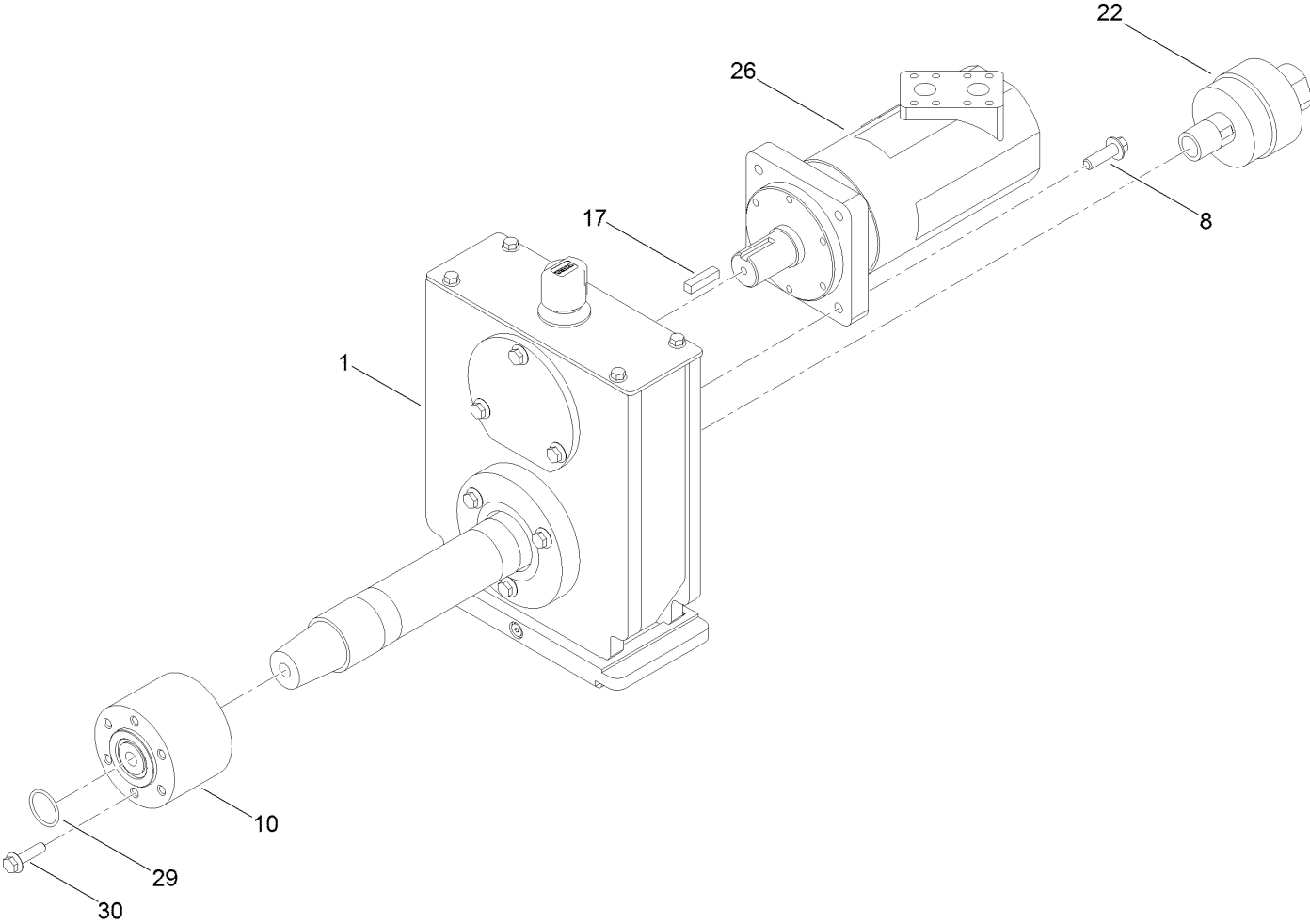


Rotary Gearbox and Carriage Assembly (continued)

<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	Rotary Box ASM ●	16	AU111677	1	Tube-HYD, Hiflow (Rotary B)
2	302-57	2	Fitting-Grease	17	AU111678	1	Tube-HYD, Hiflow (Rotary A)
3	302-63	8	Zerk	18	AU119160	1	Adapter-Flange
4	340-115	2	Fitting-Tee, Swivel Nut	19	AU12GB3220	2	Tube-HYD, Hiflow
4:1	237-22	2	O-Ring	20	AU12GB3221	2	Tube-HYD, Hiflow
5	340-132	2	Fitting-HYD, 90 DEG	21	AU12GB3222	2	Tube-HYD, Hiflow
5:1	237-78	1	O-Ring	22	AU12GB4025	8	Spacer-Cam Follower
5:2	237-21	1	O-Ring	23	AU12GB4108	4	Pinion-Input, 15T
6	340-140	2	Adapter-Tee	24	AU8CF30025	8	Bearing-Roller, Cam
6:1	237-21	2	O-Ring	25	AU8CF40008	8	Bearing-Ball, Double Sealed
6:2	237-78	1	O-Ring	26	AU8HM24035	4	HYD Motor ASM
7	340-17	4	Fitting-HYD, 90 DEG	27	33105-025	4	Screw-HHF
7:1	237-65	1	O-Ring	28	33005-00	4	Nut-HF
7:2	237-80	1	O-Ring	29	33105-020	4	Screw-HHF
8	340-22	4	Fitting-HYD, Tee	30	AU110587-03	1	Mount-Carrier, Hose
8:1	237-65	2	O-Ring	31	AU116975-03	1	Bracket-Swivel, Mud
8:2	237-80	1	O-Ring	32	AU124739-03	1	Plate-Flag, Sensor
9	340-77	4	Fitting-HYD, 90 DEG	33	100-7336	8	Washer
9:1	237-22	1	O-Ring	34	132-4175	4	Brace-Motor, Floating
9:2	237-42	1	O-Ring	35	3274-1	4	Screw-HSH
10	132-4185	8	Screw-HSH	36	3274-7	4	Screw-HSH
11	3296-60	8	Nut-Lock, NI	37	3218-3	8	Nut-Jam
12	33108-060	8	Screw-HHF	38	132-4184	8	Spacer
13	132-4247	1	Carriage				
14	AU110676-03	2	Block-Slide, Rotary				
15	AU111132	12	Shim-Block, Rotary Slide				

● Not serviced separately

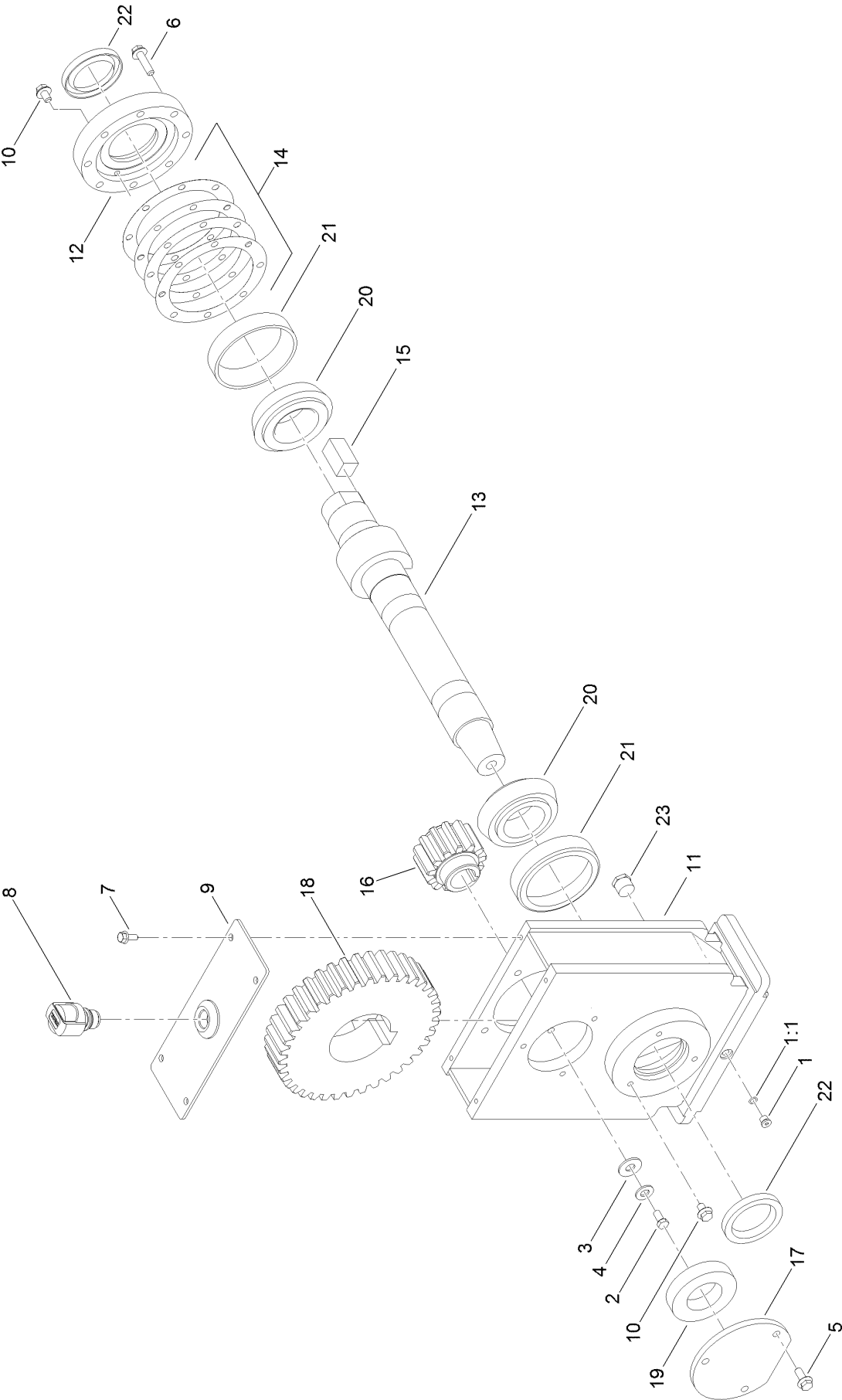
Rotary Gearbox Assembly



Rotary Gearbox 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	133-6207-03	1	Rotary Box ASM	22	AU32GB4210	1	Swivel-Mud
8	33106-040	4	Screw-HHF	26	AU8HM24051	1	HYD Motor ASM
10	AU114315	1	Adapter-Spindle	29	237-187	1	O-Ring
17	AU12GB4456	1	Key-Box, Rotary	30	AU100331	6	Screw-HHF

Rotary Hydraulic Assembly No. 133-6207-03

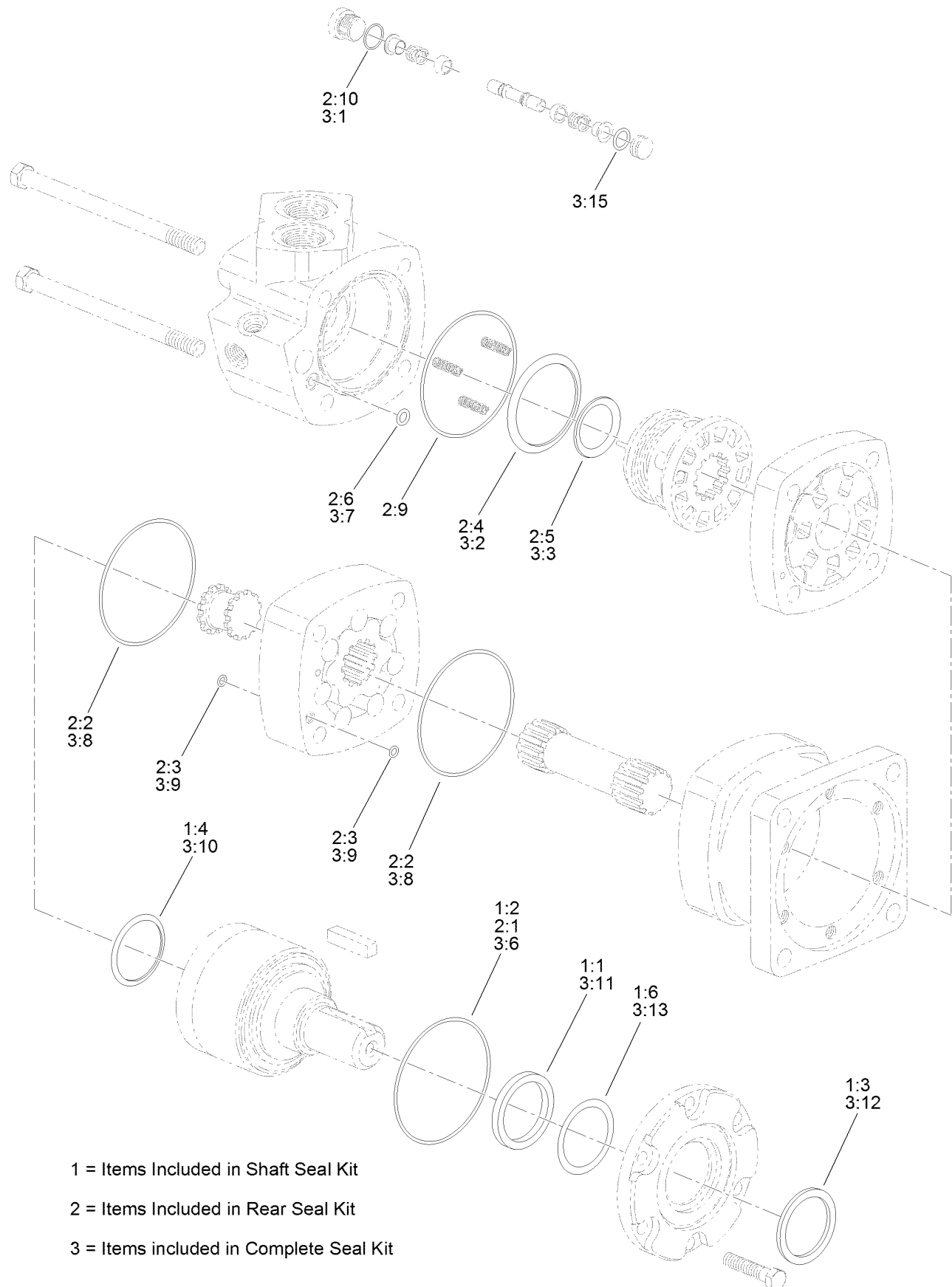


Rotary Hydraulic Assembly No. 133-6207-03 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	353-990	1	Plug ASM
1:1	237-78	1	O-Ring
2	AU426-612	1	Screw-HH
3	AU495-81163	1	Washer-Flat
4	AU496-21053	1	Washer-Flat
5	33105-025	3	Screw-HHF
6	33105-040	8	Screw-HHF
7	33104-020	4	Screw-HHF
8	115-9793	1	Breather
9	130-4508	1	Rotary Box Cover
10	33105-016	5	Screw-HHF
11	AU12GB4403	1	Box-Rotary
12	AU12GB4412	1	Plate-Bearing Cap
13	AU12GB4420	1	Spindle-Rotary

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	AU12GB4425-010	1	Shim-Rotary Bearing (.010 Thick)
15	AU12GB4455	1	Key-Rotary Box
16	AU12GB4460	1	Gear-Pinion, Rotary Box (13T)
17	AU12GB4461	1	Plate-Retaining, Rotary Box
18	AU12GB4465	1	Gear-Ring, Rotary Box (38T)
19	AU8CF40011	1	Bearing-Radial Ball
20	AU8CF63016	2	Cone-Bearing
21	AU8CF63017	2	Cup-Bearing
22	AU8HS11033	2	Seal-Shaft
23	AU8PP70008	1	Plug-Site, Glass

Hydraulic Motor Assembly No. AU8HM24051



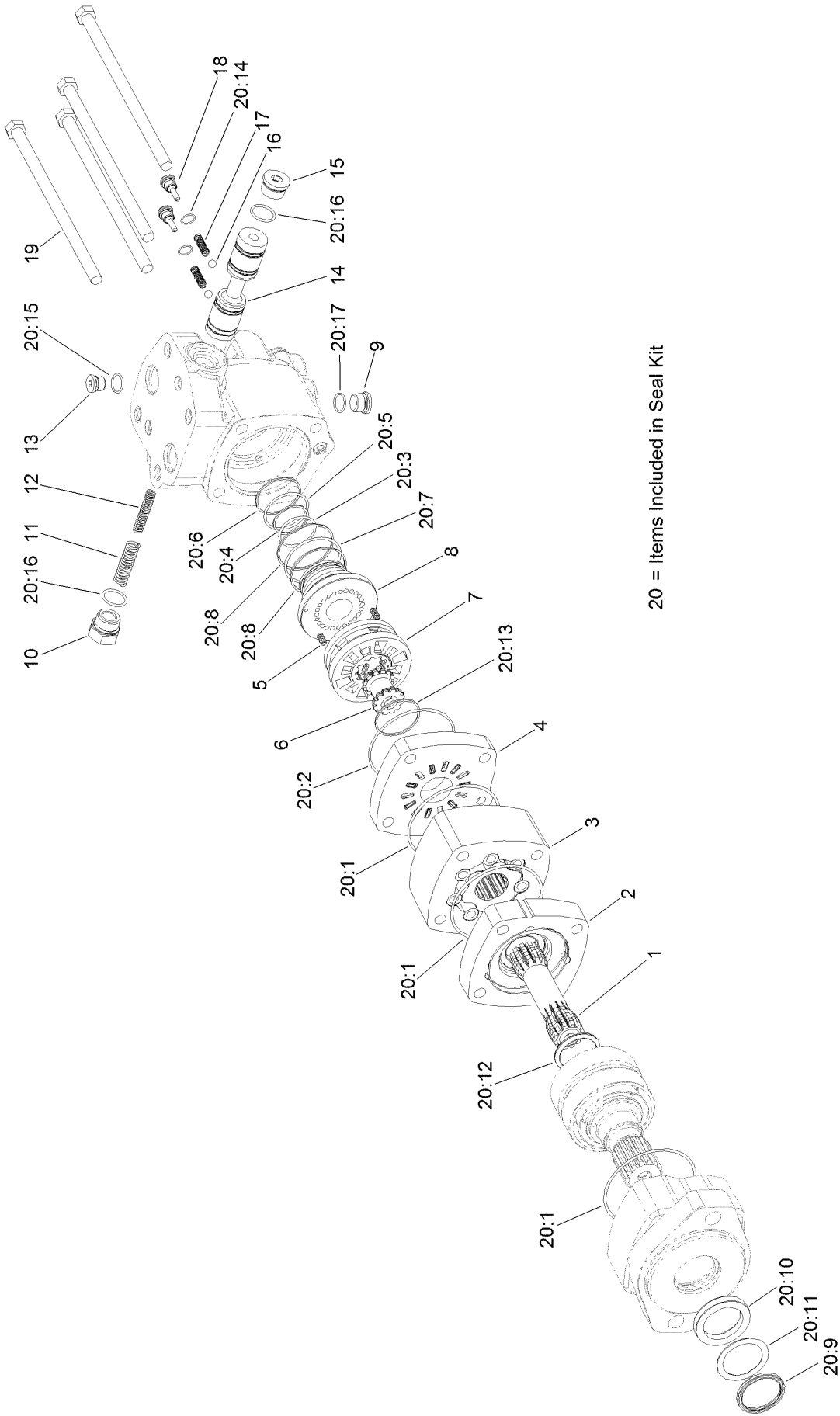
Hydraulic Motor Assembly No. AU8HM24051 (continued)

<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

Hydraulic Motor Assembly No. AU8HM24035

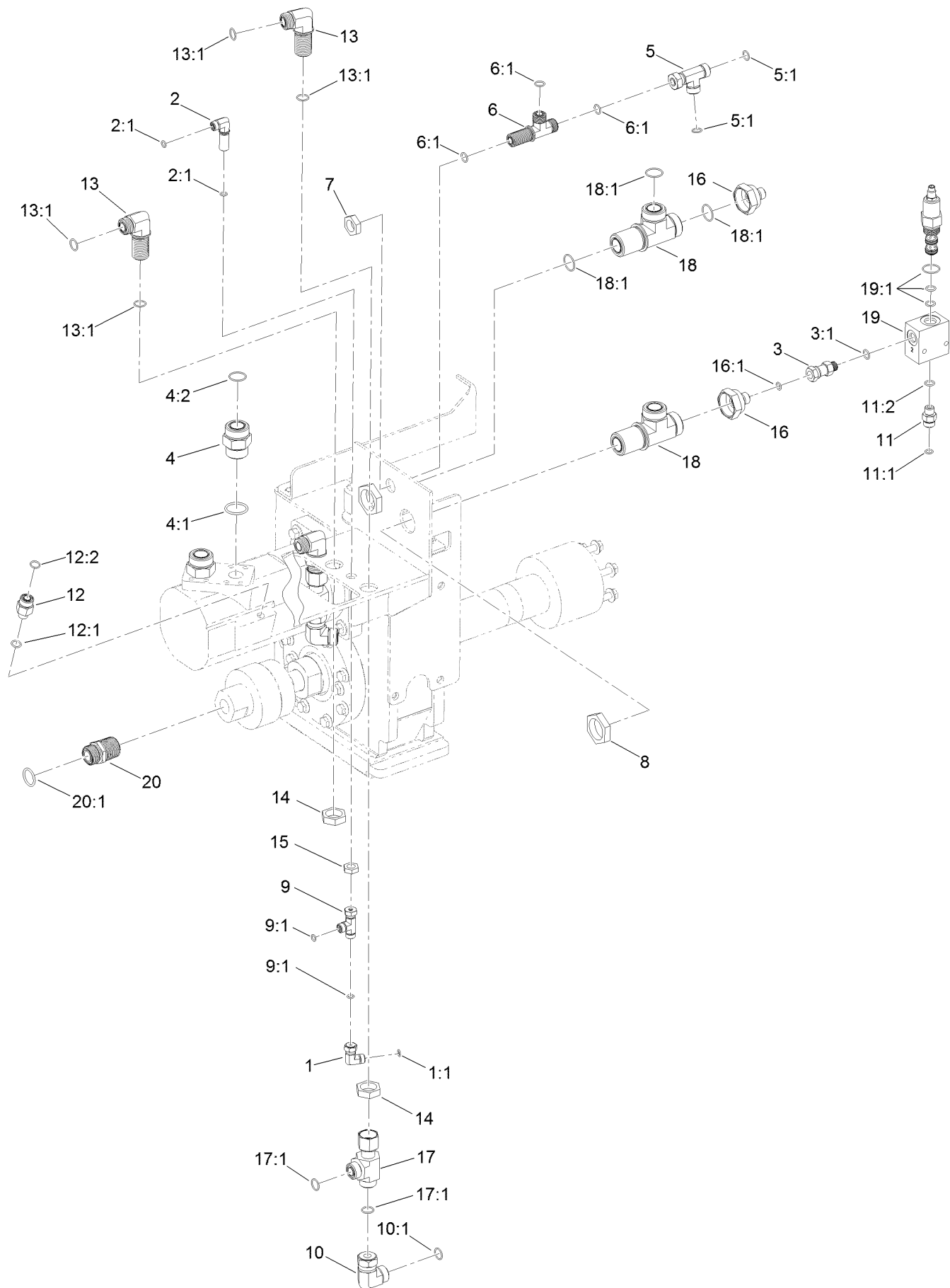


Hydraulic Motor Assembly No. AU8HM24035 (continued)

<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	Shaft-Drive ●	20	127-6212	1	Seal Kit
2	127-6210	1	Plate-Wear	20:1		3	O-Ring ●
3	127-6209	1	Geroler ASM	20:2		1	O-Ring ●
4	127-6208	1	Plate-Valve	20:3		1	O-Ring ●
5	33-3410	2	Spring	20:4		1	Ring-Backup ●
6	36-6260	1	Drive-Valve	20:5		1	O-Ring ●
7	127-6207	1	Valve	20:6		1	Ring-Backup ●
8	127-6206	1	Balancing Ring ASM	20:7		1	O-Ring ●
9	127-6205	1	Plug ASM	20:8		2	Ring-Backup ●
10	127-6204	1	Plug ASM	20:9		1	Seal ●
11	127-6203	1	Spring-Compression	20:10		1	Seal ●
12	127-6202	1	Spring-Compression	20:11		1	Washer-Backup ●
13	33-3580	1	Plug ASM	20:12		1	Seal-Shaft Face ●
14	127-6201	1	Spool-Control	20:13		1	Seal ●
15	127-6200	1	Plug ASM	20:14		3	O-Ring ●
16	127-6199	2	Ball-Steel	20:15		1	O-Ring ●
17	127-6198	2	Spring-Compression	20:16		2	O-Ring ●
18	33-3380	2	Plug ASM	20:17		1	O-Ring ●
19	127-6197	4	Screw-Cap				

● Not serviced separately

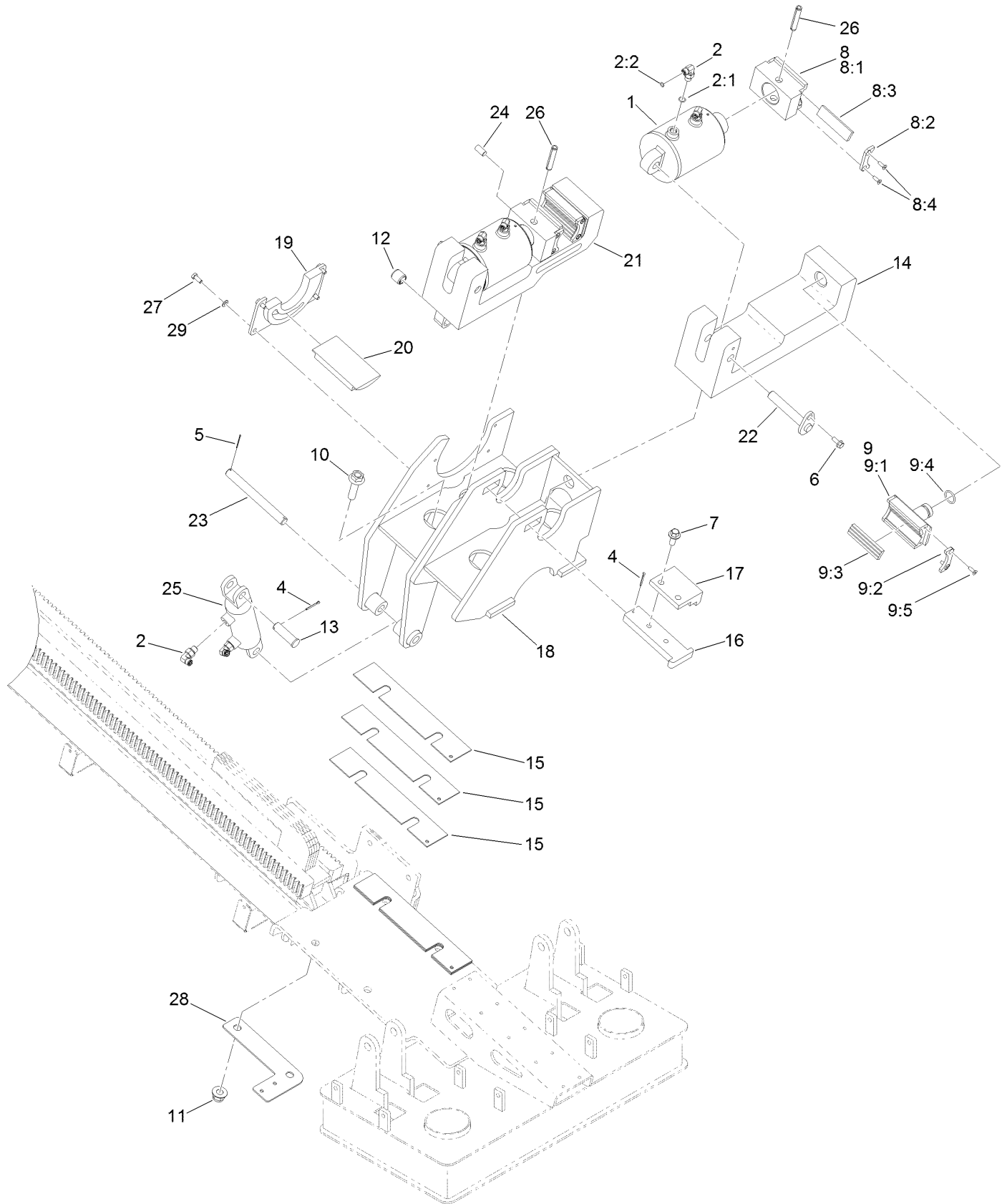
Rotary Hydraulic Fitting Assembly



Rotary Hydraulic 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	92-2745	1	Fitting-Adaptor	11:1	237-22	1	O-Ring
1:1	237-21	1	O-Ring	11:2	237-42	1	O-Ring
2	94-1443	1	Elbow-Union Bulkhead	12	340-5	1	Fitting-Straight
2:1	237-21	2	O-Ring	12:1	237-42	1	O-Ring
3	104-3779	1	Connector-Swivel, Straight	12:2	237-30	1	O-Ring
3:1	237-42	1	O-Ring	13	340-72	3	Fitting-Bulkhead, 90 DEG
4	104-3797	2	Fitting-HYD, Straight	13:1	237-65	2	O-Ring
4:1	237-146	1	O-Ring	14	340-74	3	Nut-Lock, Bulkhead
4:2	340-65	1	O-Ring	15	340-78	1	Nut-Lock
5	340-104	1	Fitting-HYD, Tee	16	AU8OA80616	2	Fitting-Reducer
5:1	237-30	2	O-Ring	16:1	237-22	1	O-Ring
6	340-121	1	Fitting-Tee	17	AU8OR81010	2	Fitting-Tee
6:1	237-30	3	O-Ring	17:1	237-65	2	O-Ring
7	340-127	1	Nut-Bulkhead	18	AU8OR91616	2	Fitting-Tee, Bulkhead
8	340-128	2	Nut-Bulkhead	18:1	340-65	3	O-Ring
9	340-151	1	Fitting-HYD	19	AU112958	1	Pressure Relief Valve ASM
9:1	237-75	2	O-Ring	19:1	125-4337	1	Seal Kit
10	340-160	2	Fitting-HYD, 90 DEG	20	125-4524	1	Fitting-Straight
10:1	237-65	1	O-Ring	20:1	237-81	1	O-Ring
11	340-2	1	Fitting-HYD, Straight				

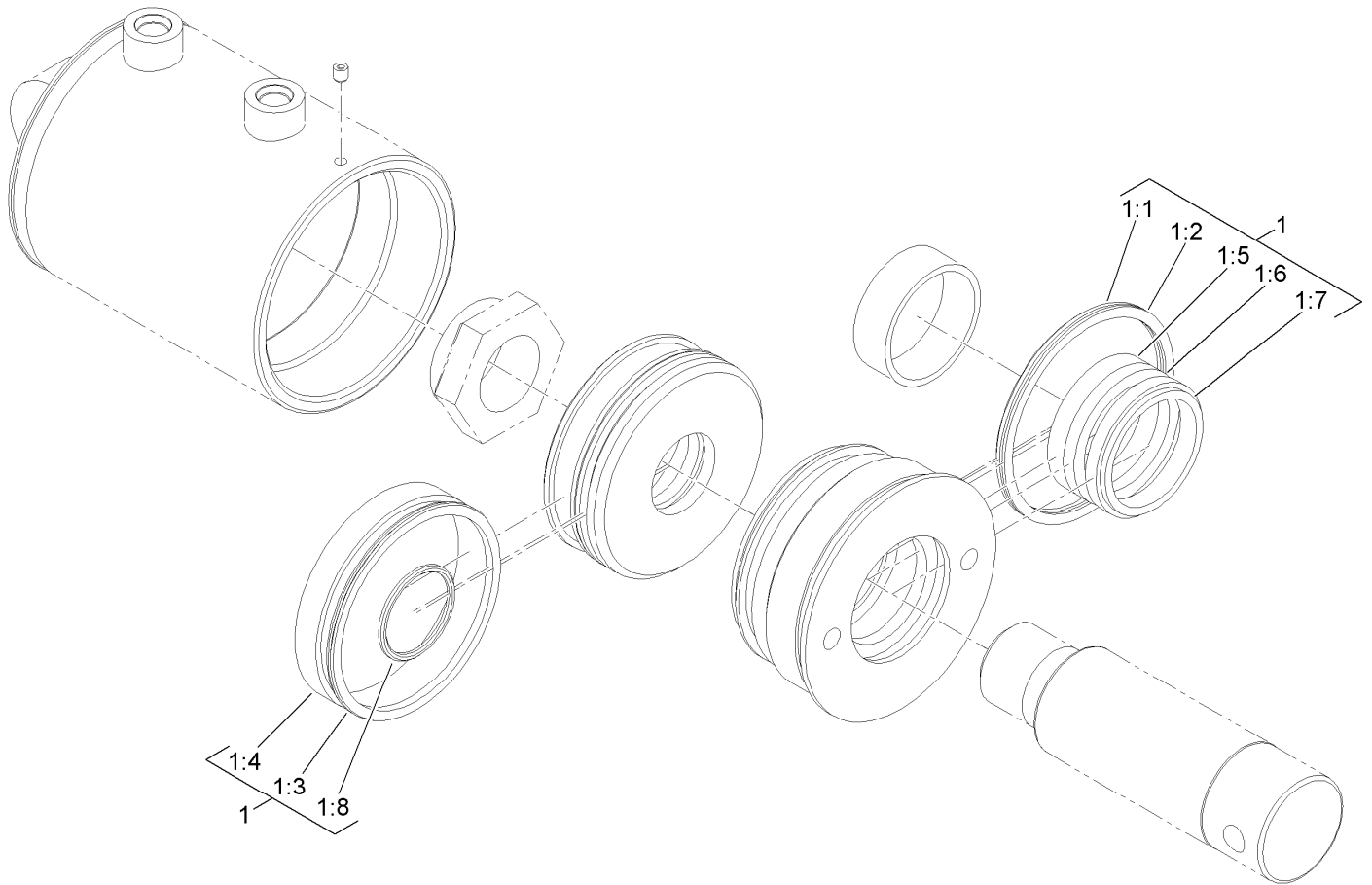
Rod Wrench and Clamp Assembly



Rod Wrench and Clamp 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	125-4464	2	HYD Cylinder ASM	11	AU100529	4	Nut-HHF
2	340-82	6	Fitting-HYD, 90	12	AU109676	1	Bushing-Spring
2:1	237-42	1	O-Ring	13	AU109885	1	Pin-Clevis
2:2	237-21	1	O-Ring	14	AU111505-03	1	Base-Fixed Clamp
4	3272-12	2	Pin-Cotter	15	AU112270-03	6	Plate-Shim
5	3272-42	2	Pin-Cotter	16	AU115060-03	1	Pin-Retaining (W/ TAP Holes)
6	33104-020	2	Screw-HHF	17	AU115061	1	Block-Stop, Cylinder
7	33106-030	2	Screw-HHF	18	AU12GB6001-03	1	Wrench
8	AU12GB6020	2	Moving Die Holder ASM	19	AU12GB6010-03	1	Retainer-Pivot Key, Wrench
8:1	AU12GB6021	1	Holder-Die, Moving	20	AU12GB6014	1	Key-Pivot, Wrench
8:2	AU12GB6027	2	Retainer-Die	21	AU12GB6041-03	1	Clamp-Rotating, Wrench
8:3	AU12GB6036	2	Tong-Die	22	AU12GB6055	2	Pin-Flagged
8:4	3289-4	4	Screw-FH	23	AU12GB6057	1	Pin-Cylinder
9	AU12GB6025	2	Fixed Die Holder ASM	24	AU8CT61601	1	Pin-Dowel
9:1	AU12GB6026	1	Holder-Die, Fixed	25	AU8HC21004	1	HYD Cylinder ASM
9:2	AU12GB6027	2	Retainer-Die	26	AU12GB6056	2	Pin-Spring
9:3	AU12GB6036	2	Tong-Die	27	3210-3	4	Screw-HH
9:4	AU8HS51214	1	Seal, O-Ring	28	131-0136-03	1	Plate-Mount, Valve
9:5	3289-4	4	Screw-FH	29	94-6936	4	Washer-Hardened
10	33108-060	4	Screw-HHF				

Hydraulic Cylinder Assembly No. 125-4464



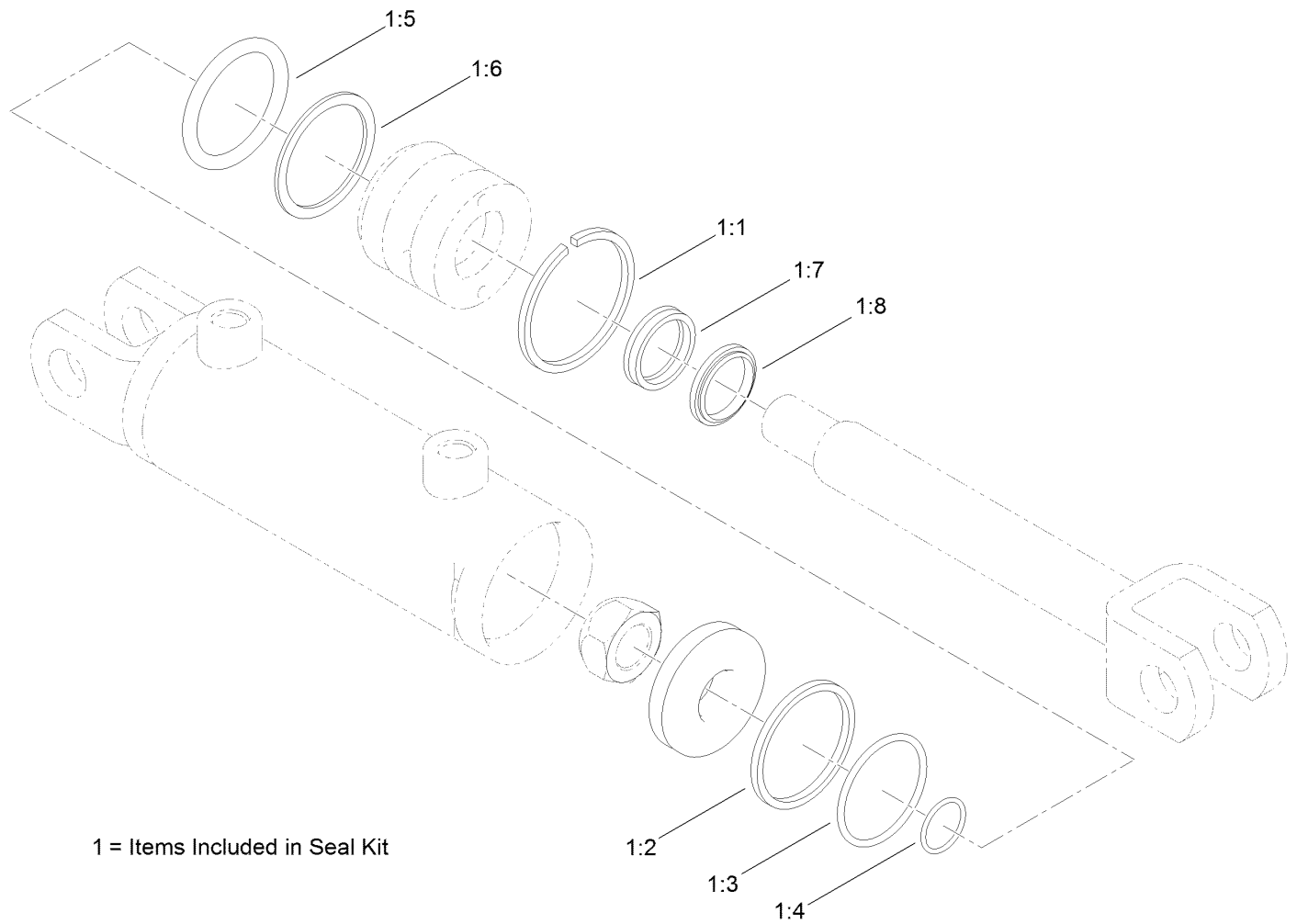
Hydraulic Cylinder Assembly No. 125-4464 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9689	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Backup ●
1:3		1	Seal-B P ●
1:4		1	Ring-Wear ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	Seal-P P S ●
1:6		1	Bearing-Modular ●
1:7		1	Dust Seal-High Temp ●
1:8		1	O-Ring ●

● Not serviced separately

Hydraulic Cylinder Assembly No. AU8HC21004



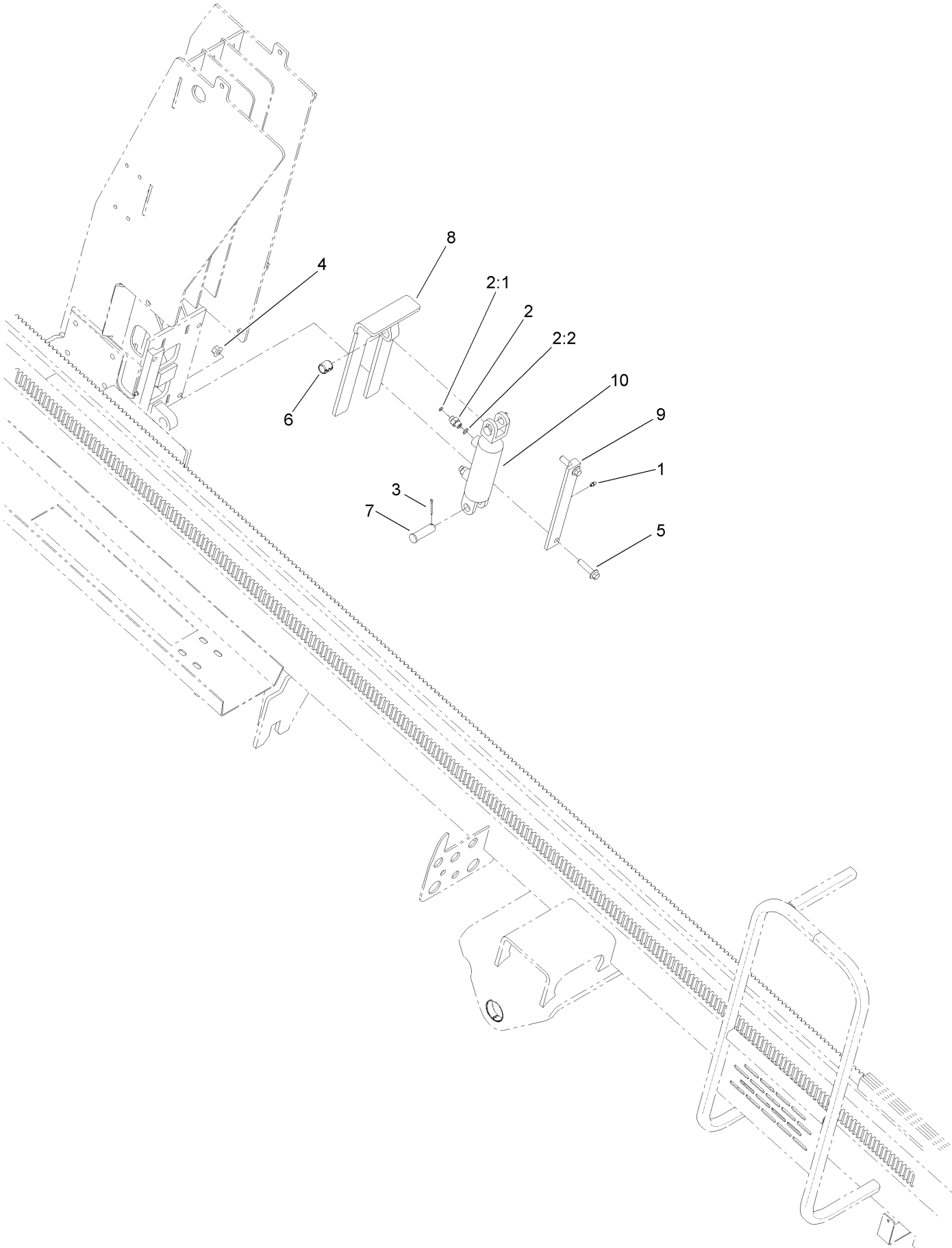
Hydraulic Cylinder Assembly No. AU8HC21004 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU8HC21004-1	1	Seal Kit
1:1		1	Ring-Retaining ●
1:2		1	Seal-Teflon ●
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	O-Ring ●
1:6		1	Washer-Back Up ●
1:7		1	Seal-U Cup ●
1:8		1	Wiper ●

● Not serviced separately

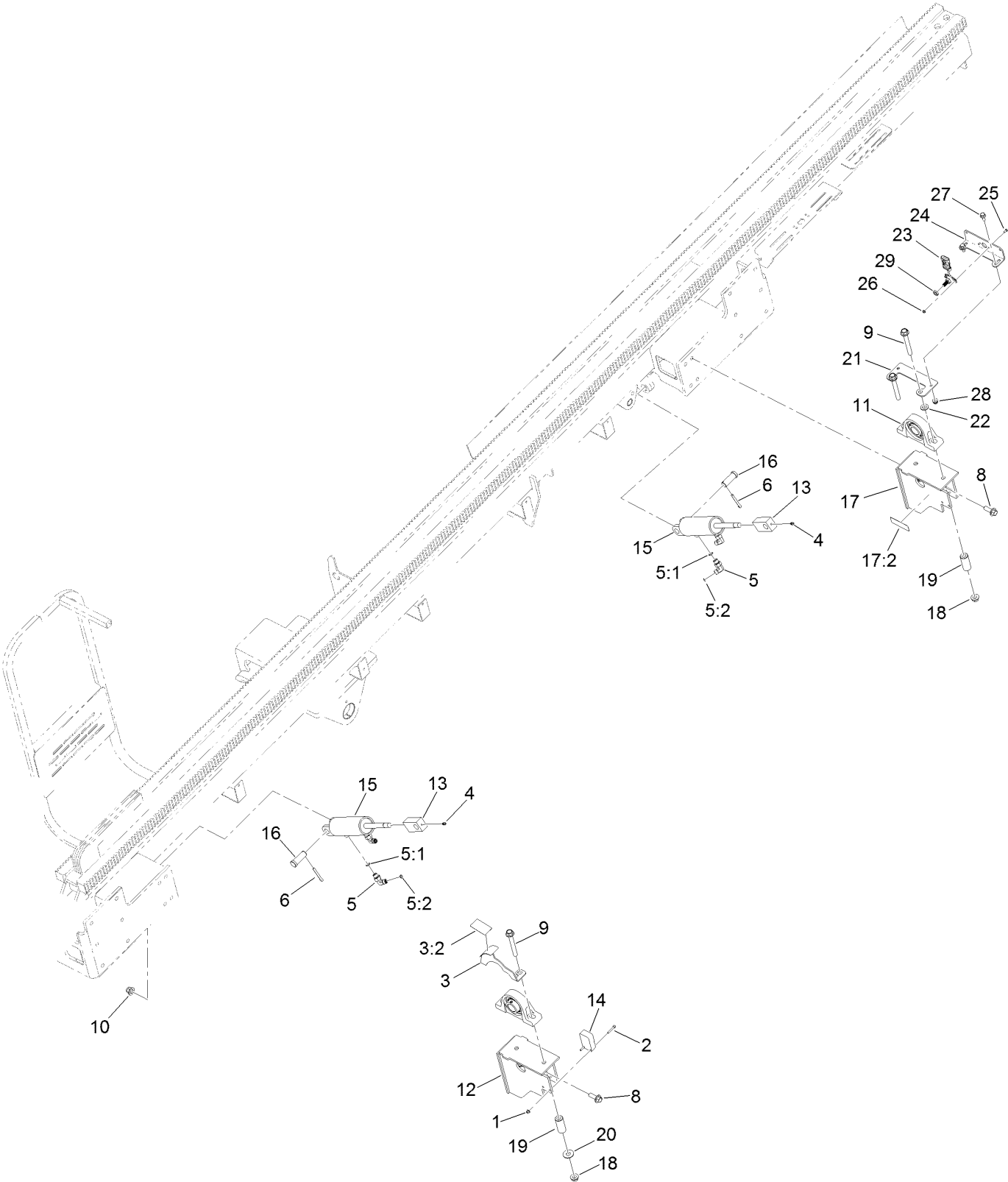
Rod Elevator and Cylinder Assembly



Rod Elevator and Cylinder 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	302-57	4	Fitting-Grease	5	33106-050	8	Screw-HHF
2	340-1	4	Fitting-HYD, Straight	6	AU109676	2	Bushing-Spring
2:1	237-21	1	O-Ring	7	AU109885	4	Pin-Clevis
2:2	237-42	1	O-Ring	8	AU12GB2035-03	2	Elevator
3	3272-12	4	Pin-Cotter	9	AU12GB2036-03	4	Guide-Elevator
4	33006-00	8	Nut-HF	10	AU8HC21004	2	HYD Cylinder ASM

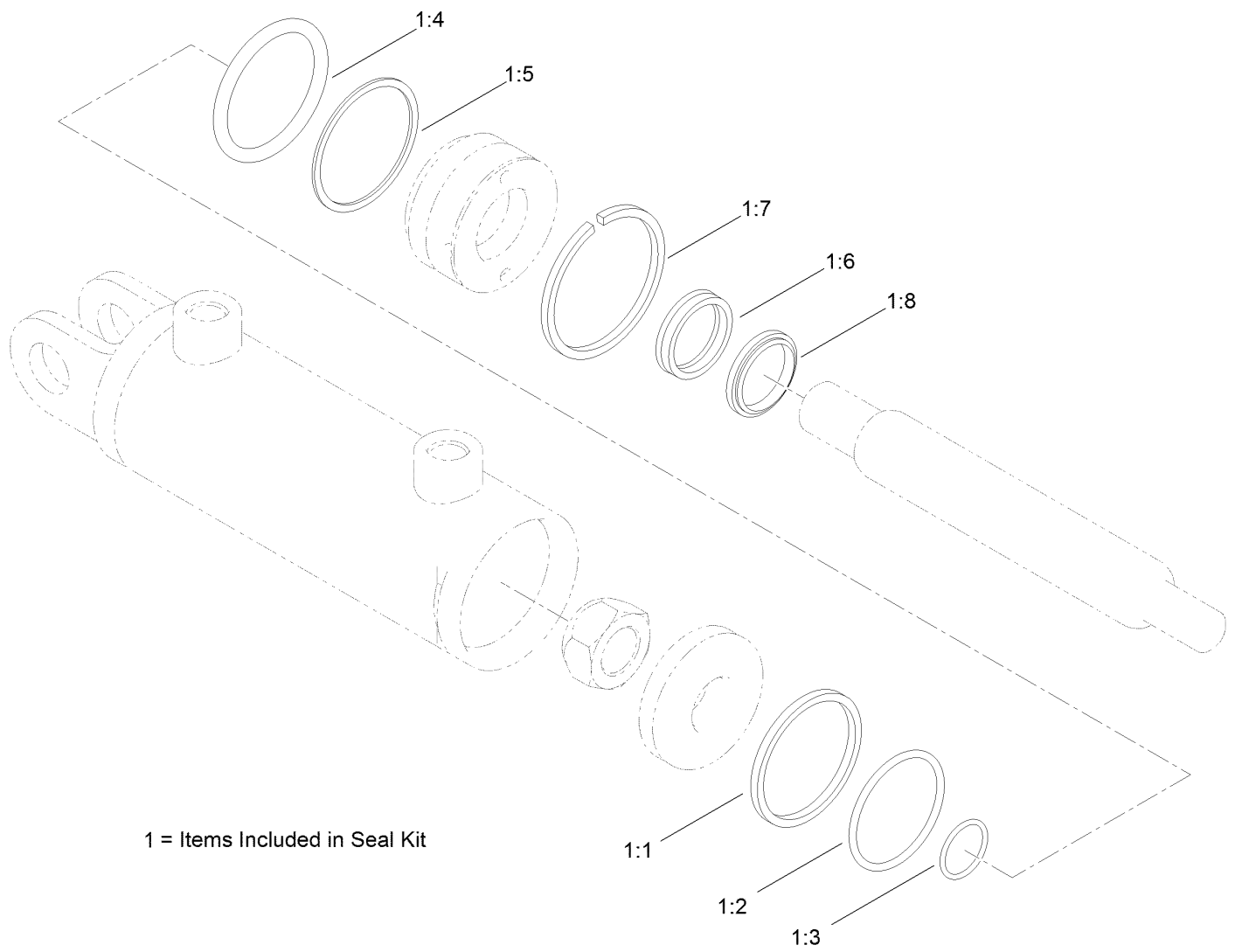
Rod Box Bearing and Cylinder Assembly



Rod Box Bearing and Cylinder 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	120-4580	2	Nut-HF	15	AU8HC20005	2	HYD Cylinder ASM
2	127-0952	2	Screw-HSH	16	AUH30262	2	Pin-Clevis
3	127-0917	1	Row Indicator ASM	17	131-0138	1	Bearing Mount ASM
3:2	125-6122	1	Decal-Row Selector	17:2	125-6143	1	Decal-Royalty
4	302-57	2	Fitting-Grease	18	131-0135	4	Nut-Hex Flange
5	340-82	4	Fitting-HYD, 90	19	99-4072	4	Spacer
5:1	237-42	1	O-Ring	20	AU495-81163	2	Washer-Flat
5:2	237-21	1	O-Ring	21	132-4170-03	1	Bracket
6	3272-30	2	Pin-Cotter	22	106-9888	2	Washer-Flat
8	AU100416	8	Screw-Hfh	23	131-0177	1	Sensor-Rotary
9	131-0134	4	Screw-HHF	24	132-4179-03	1	Bracket-Sensor, Rotary
10	AU100528	8	Nut-HHF, Lock	25	60-6500	2	Screw-HH
11	AU109963	2	Bearing-Pillow	26	127-2018	2	Nut-HHF
12	AU109966-03	1	Mount-Bearing	27	33104-020	2	Screw-HHF
13	AU12GB7338-03	2	Eye-Rod, Cylinder	28	104-3082	2	Nut-Lock, HHF
14	AU8EP65159	1	Switch-Proximity	29	112-8617	1	Nut-Hex

Hydraulic Cylinder Assembly No. AU8HC20005



Hydraulic Cylinder Assembly No. AU8HC20005 (continued)

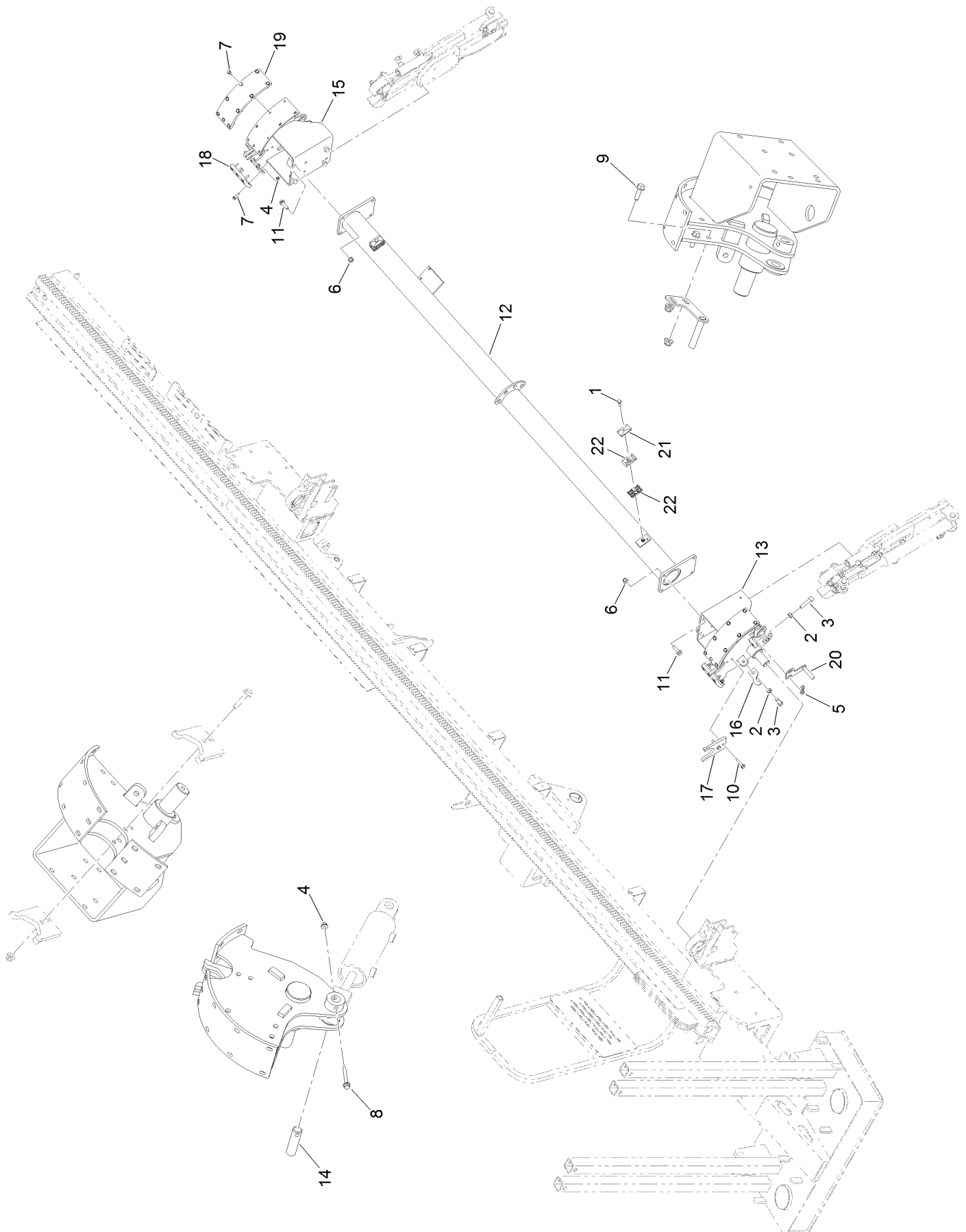
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-8350	1	Seal Kit
1:1		1	Seal-Teflon, Square ■
1:2		1	O-Ring ■
1:3		1	O-Ring ■
1:4		1	O-Ring ■

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5		1	Washer-Back Up ■
1:6		1	Seal-U Cup ■
1:7		1	Ring-Retaining ■
1:8		1	Wiper ■
1:9		1	Ring-Installation ● ■

● Not illustrated

■ Not serviced separately

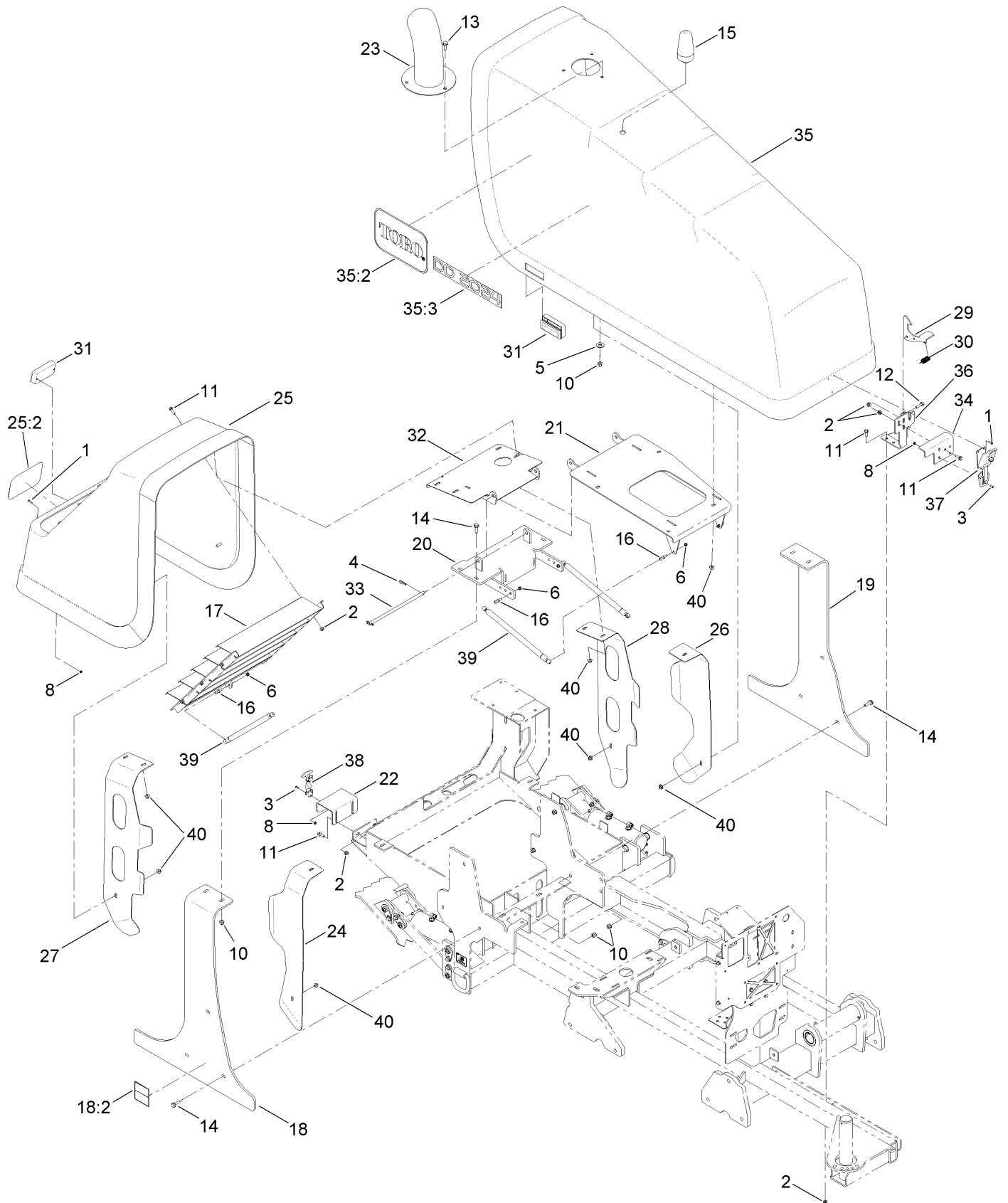
Rod Cam Assembly



Rod 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	322-47	4	Screw-HH	12	AU109516-03	1	Spine-Loader, Rod
2	AU829-1412	4	Nut	13	132-4168-03	1	Lower Cam ASM
3	AU864-12050	4	Screw-HSFH	14	AU109680	2	Pin-Straight
4	81-0130	30	Nut-Flange, NI	15	132-4167-03	1	Upper Cam ASM
5	104-3082	6	Nut-Lock, HHF	16	AU111660	1	Plate-Pointer
6	103-9511	2	Nut-Lock, NI	17	AU111864-03	4	Plate-Pipe Guide
7	33103-025	28	Screw-HHF	18	AU114756	2	Pad-Wear, Rod Loader
8	33103-050	2	Screw-HHF	19	AU114757	2	Pad-Wear, Rod Loader
9	33104-025	2	Screw-HHF	20	AU12GB7339	1	Flag-Sensor
10	33104-040	4	Screw-HHF	21	AU8CL21201	4	Plate-Cover, Twin
11	33105-035	2	Screw-HHF	22	AU8CL21704	4	Clamp-Half (Set Of 2)

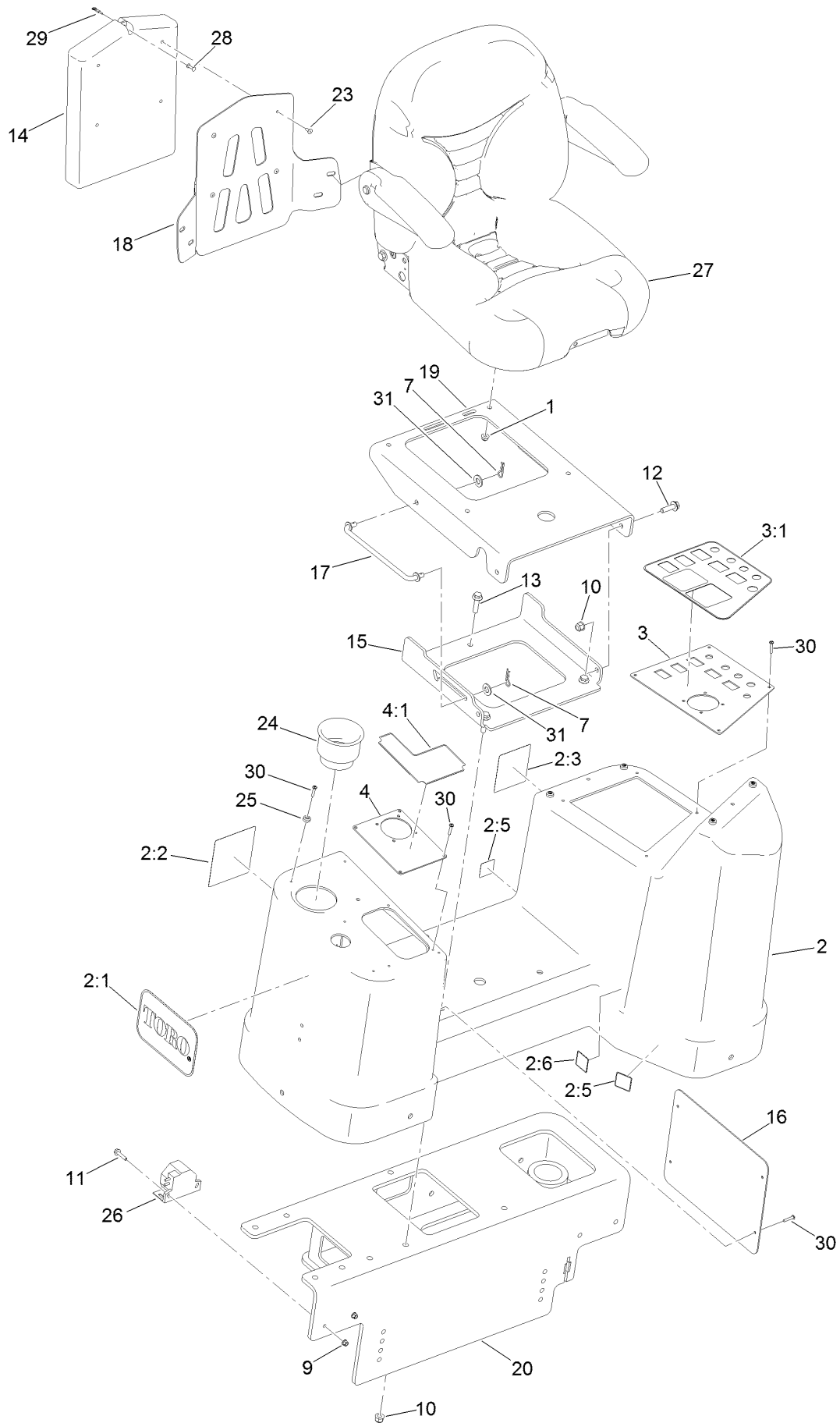
Hood Assembly



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	104-2408	5	Screw-HSBH	23	AU110186-03	1	Exhaust-Stack
2	104-3082	14	Nut-Lock, HHF	24	AU110187-03	1	Plate-Guide
3	115-9830	4	Screw-HSBH	25	130-4493	1	Rear Hood ASM
4	3290-467	2	Pin-Hair	25:2	62-7400	1	Decal
5	AU495-81163	3	Washer-Flat	26	AU110280-03	1	Plate-Guide
6	3296-47	5	Nut-Lock, NI	27	AU110289-03	1	Plate-Guide
8	32149-7	9	Nut-Keps	28	AU110290-03	1	Plate-Guide
10	103-9511	13	Nut-Lock, NI	29	AU111869-03	1	Hook-Hood, Safety Latch
11	33104-025	13	Screw-HHF	30	AU112966	1	Spring-Tension
12	33104-035	1	Screw-HHF	31	AU121497	2	Handle-Pull, Flush
13	33105-030	3	Screw-HHF	32	AU121540-03	1	Hinge-Rear, Hood
14	33105-035	10	Screw-HHF	33	AU12GB2324	1	Rod-Hinge, Hood
15	125-4528	1	Light-Strobe	34	AU130505-03	1	Stop-Front, Hood
16	AU8HH96100	5	Stud-Ball	35	127-0993	1	Front Hood ASM
17	AU108370-03	1	Louver	35:2	114-0990	1	Decal
18	127-0920	1	Hood Mount ASM	35:3	125-6132	1	Decal
18:2	125-6107	1	Decal-Warning, Crushing	36	AU130543-03	1	Latch-Safety, Hood
19	AU108377-03	1	Plate-Mount, Hood	37	AU130765	1	Latch-Draw, Lockable
20	AU109125-03	1	Support-Shroud	38	ST35289	1	Latch-Flex, Draw
21	AU109340-03	1	Mount-Front, Hood	39	AU32GB5110	3	Spring-Gas
22	AU109344-03	1	Plate-Rear, Hood Stop	40	104-8301	12	Nut-Flange, NI

Operator Platform Assembly



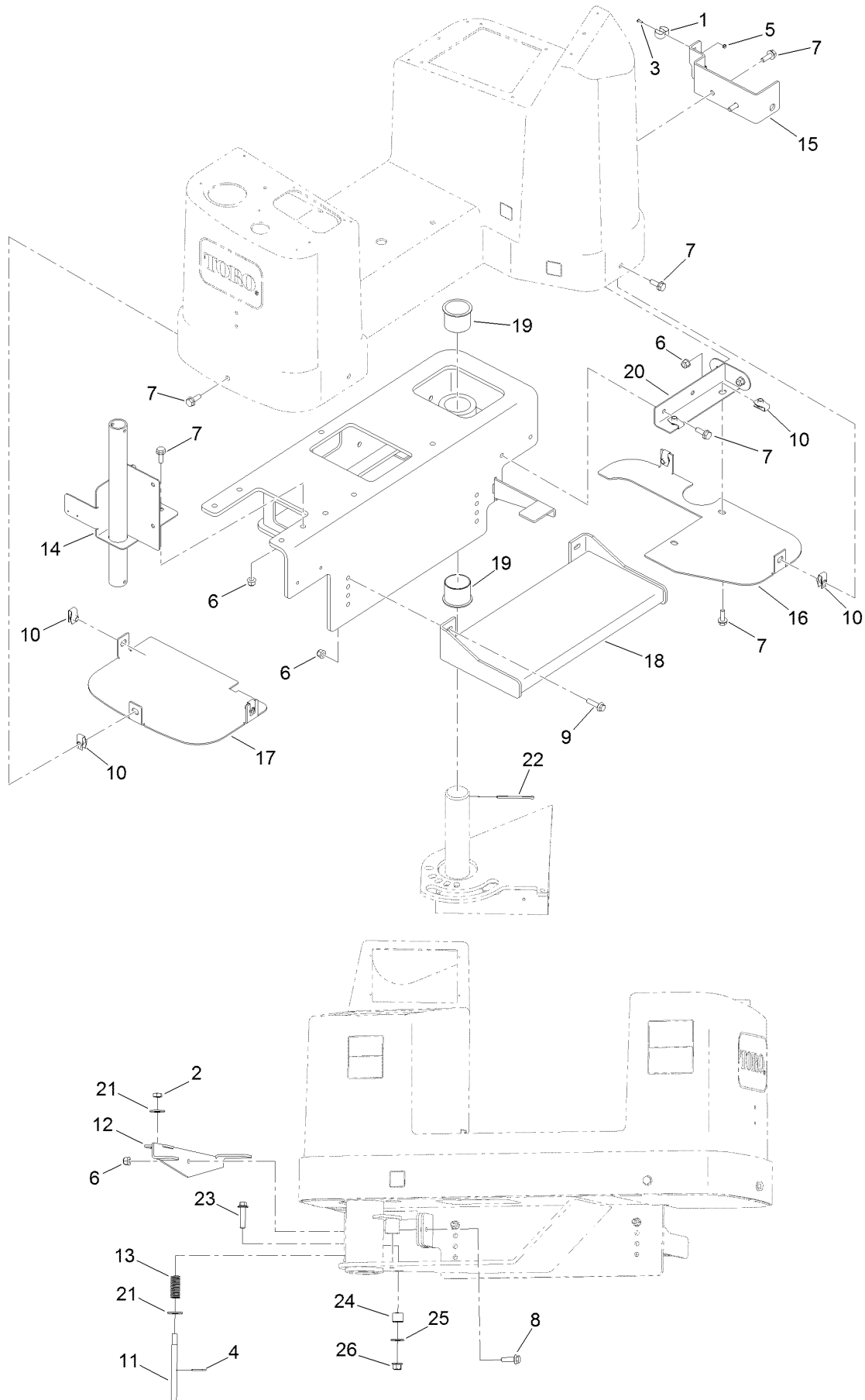
Operator Platform Assembly (continued)

<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	104-8300	4	Nut-Flange, NI	16	AU108634-03	1	Plate-Seat, Inside Panel
2	127-0900	1	Operator Console ASM	17	AU109357	1	Rod-Prop, Seat
2:1	62-7400	1	Decal	18	AU111717-03	1	Plate-Mount, Manual
2:2	125-6109	1	Decal-Danger, Shock	19	AU117641-03	1	Plate-Seat Mount, Top
2:3	125-6116	1	Decal-Danger, No Riders (Front)	20	AU125016-03	1	Console-Operators
2:5	125-6140	2	Decal-Seat Adjust	23	114439	4	Rivet-Pop
2:6	125-6152	1	Decal-Seat Slide	24	AU8EO24121	1	Cup-Holder
3	131-0114	1	Switch Plate ASM	25	AU8EO24122	8	Grommet-Rubber
3:1	125-6112	1	Decal-Joystick, Left	26	AU8EP29105	1	Alarm-Backup
4	127-0902	1	Joystick Mounting Plate ASM	27	AU8EP47010	1	Operator Seat ASM (Static)
4:1	125-6125	1	Decal-Joystick, Right	27:3		1	Adjuster Kit ■●
7	3290-467	2	Pin-Hair	27:3:1	131-6520	1	Adjuster ASM ●
9	81-0130	2	Nut-Flange, NI	27:3:2	131-6521	1	Adjuster-Slave ●
10	103-9511	5	Nut-Lock, NI	27:3:3	131-6522	4	Spacer ●
11	33103-030	2	Screw-HHF	27:3:4	131-6523	4	Screw-Taptite ●
12	33105-035	2	Screw-HHF	27:3:5	131-6524	4	Protector-Thread ●
13	33105-040	3	Screw-HHF	27:3:6	131-6530	2	Bracket-L ●
14	AU103216	1	Holder-Manual	28	AUR46463	1	Post-Manual
15	AU108632-03	1	Plate-Seat Mount, Bottom	29	AUR46465	1	Lanyard
				30	ST80070	20	Screw-PPH
				31	AU496-21053	2	Washer-Flat

● Not illustrated

■ Not serviced separately

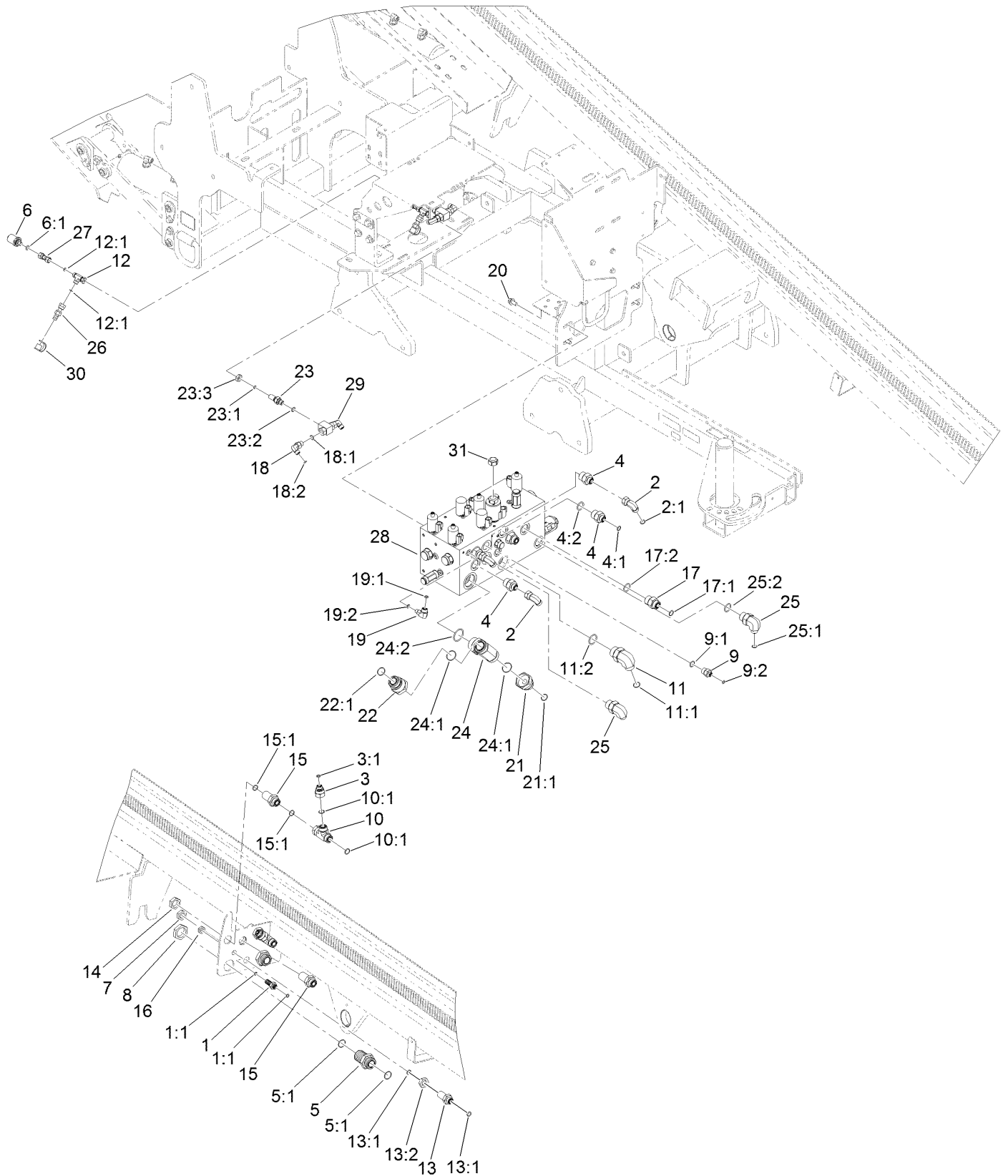
Platform Step, Splash Guard and Umbrella Mount Assembly



Platform Step, Splash Guard and Umbrella Mount 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	110-5677	2	Clip-Spring	14	AU114805-03	1	Mount-Umbrella
2	3218-18	2	Nut-Jam	15	AU115236-03	1	Plate-Retaining, Cord
3	3249-3	2	Screw-PRH	16	AU125024-03	1	Plate-Guard, Splash
4	3272-11	1	Pin-Cotter	17	AU125042-03	1	Plate-Guard, Splash
5	32149-6	2	Nut-Keps	18	AU12GB9202-03	1	Step
6	103-9511	7	Nut-Lock, NI	19	AU12GB9215	2	Bearing-Flanged
7	33105-030	13	Screw-HHF	20	AU12GB9228-03	1	Support-Shroud, Left
8	33105-035	1	Screw-HHF	21	AU495-81163	2	Washer-Flat
9	33105-040	2	Screw-HHF	22	AU432-1248	1	Pin-Cotter
10	AU100863	7	Nut-U	23	33106-050	1	Screw-HHF
11	AU108909	1	Rod-Swing, Seat	24	131-3402	1	Spacer
12	AU108997-03	1	Arm-Adjustment, Seat	25	3256-5	1	Washer-Flat
13	AU109011	1	Spring-Pivot Lock, Seat	26	115-1115	1	Nut-Lock, HHF

4 Section Hydraulic Valve and Fitting Assembly

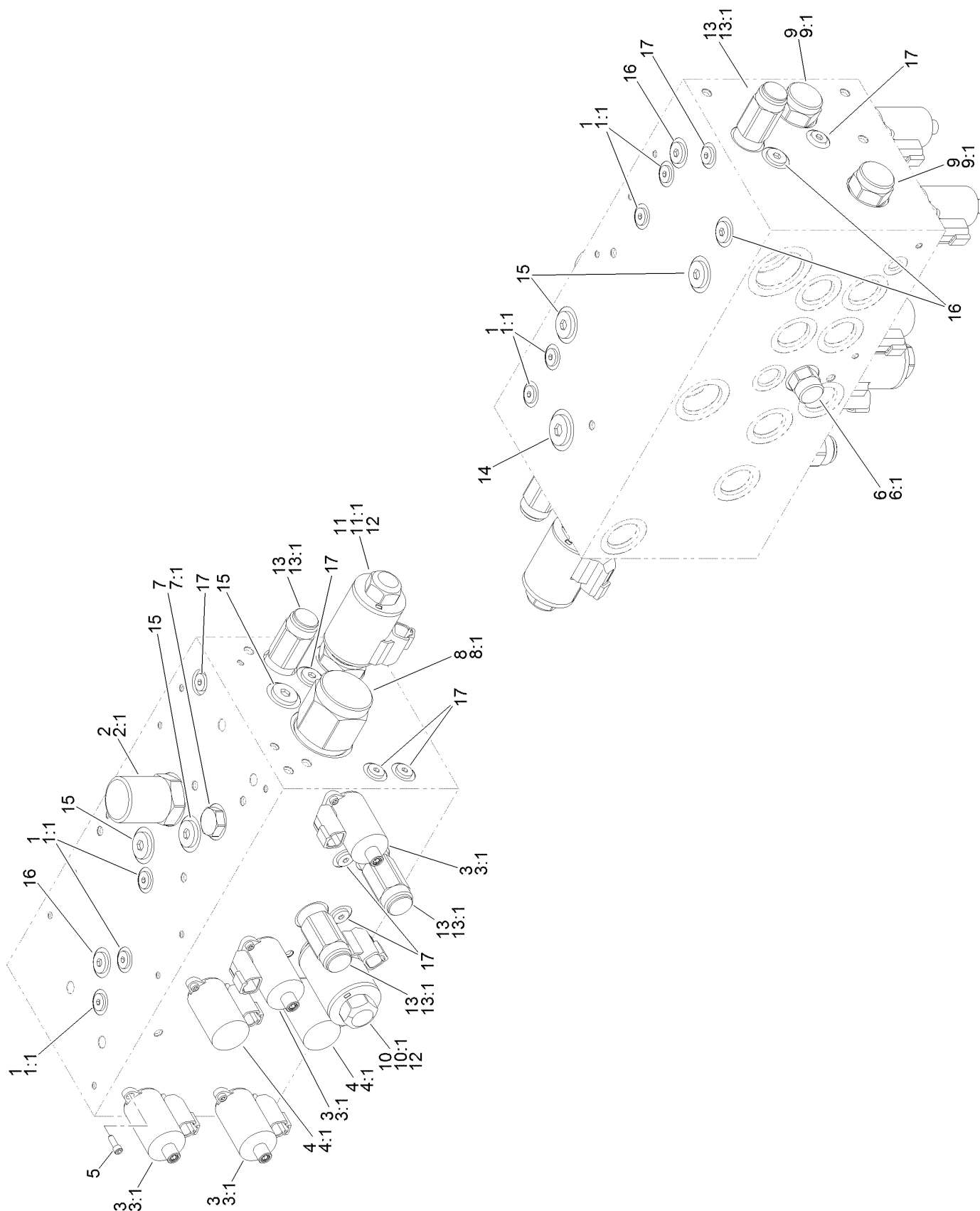


4 Section Hydraulic Valve and Fitting Assembly (continued)

<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	94-1444	1	Union-Bulkhead	16	340-78	1	Nut-Lock
1:1	237-21	2	O-Ring	17	340-8	2	Adapter
2	94-6031	3	Fitting-HYD	17:1	237-65	1	O-Ring
2:1	237-30	1	O-Ring	17:2	237-81	1	O-Ring
3	98-7067	2	Fitting-HYD	18	340-82	4	Fitting-HYD, 90
3:1	237-22	1	O-Ring	18:1	237-42	1	O-Ring
4	100-4240	4	Fitting-Adapter	18:2	237-21	1	O-Ring
4:1	237-30	1	O-Ring	19	340-97	1	Fitting-HYD, 90 DEG
4:2	237-81	1	O-Ring	19:1	237-22	1	O-Ring
5	106-0060	2	Adapter-HYD	19:2	237-78	1	O-Ring
5:1	340-65	2	O-Ring	20	3234-1	4	Screw-HHF
6	125-6579	2	Transducer	21	125-4533	1	Fitting-Straight
6:1	131-8636	1	O-Ring ●	21:1	237-58	1	O-Ring
7	340-127	1	Nut-Bulkhead	22	AU8OA82016	1	Fitting-Reducer
8	340-128	2	Nut-Bulkhead	22:1	340-65	1	O-Ring
9	340-133	1	Adapter ASM	23	AU8OAA0406	2	Fitting-Straight
9:1	237-79	1	O-Ring	23:1	237-21	1	O-Ring
9:2	237-21	1	O-Ring	23:2	237-42	1	O-Ring
10	340-147	2	Fitting-HYD, Tee	23:3	340-78	1	Nut-Lock
10:1	237-65	2	O-Ring	24	AU8OB32020	1	Fitting-Tee
11	340-15	1	Fitting-HYD, 90 DEG	24:1	340-64	2	O-Ring
11:1	237-58	1	O-Ring	24:2	237-101	1	O-Ring
11:2	237-146	1	O-Ring	25	340-131	2	Fitting-HYD, 90 DEG
12	340-151	2	Fitting-HYD	25:1	237-30	1	O-Ring
12:1	237-75	2	O-Ring	25:2	237-81	1	O-Ring
13	340-161	1	Fitting-Bulkhead	26	115-8886	2	Nipple-Test
13:1	237-30	2	O-Ring	27	AU8SA60404	2	Fitting-Straight
13:2	340-127	1	Nut-Bulkhead	28	AU114175	1	4 Section HYD Valve ASM
14	340-74	3	Nut-Lock, Bulkhead	29	AU270083	2	Valve-Shuttle, Load
15	340-76	3	Fitting-Bulkhead Union, Straight	30	354-79	2	Cap-Dust
15:1	237-65	2	O-Ring	31	132-4186	1	Cap-Valve, Aluminum

● Not illustrated

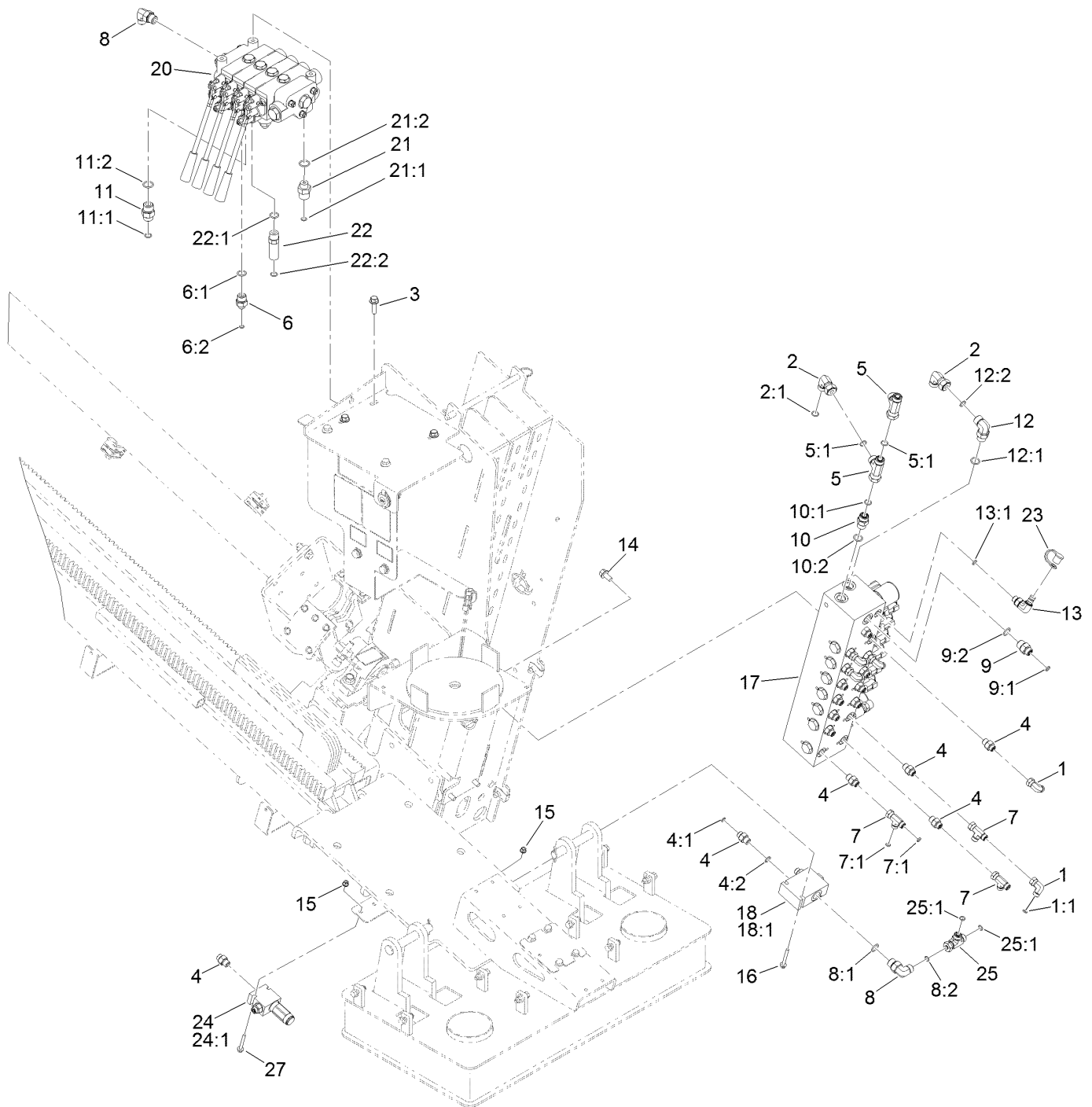
4 Section Valve Assembly No. AU114175



4 Section Valve Assembly No. AU114175 (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	131-6500	7	Valve-Check	8:1	136-1493	1	Seal Kit
1:1	125-0100	1	Seal Kit	9	131-6508	2	Valve-Pilot
2	131-6501	1	Regulator-Flow	9:1	136-1494	1	Seal Kit
2:1	115-5414	1	Seal Kit	10	131-6509	1	Valve-Proportional
3	131-6502	4	Valve-Proportional	10:1	136-1495	1	Seal Kit
3:1	136-1498	1	Seal Kit	11	131-6510	1	Valve-Proportional
4	131-6503	2	Valve-Proportional	11:1	136-1496	1	Seal Kit
4:1	136-1498	1	Seal Kit	12	120-0920	2	Coil-Valve
5	131-6504	12	Screw-Shcs	13	131-6511	4	Valve-Relief
6	131-6505	1	Regulator-Flow	13:1	136-1497	1	Seal Kit
6:1	105-9156	1	Seal Kit	14	131-6512	1	Plug-Port
7	131-6506	1	Shuttle-Load	15	131-6513	5	Plug-Port
7:1	110-8773	1	Seal Kit	16	111-5512	5	Plug-HYD, Sae
8	131-6507	1	Valve-Pilot	17	131-6514	8	Plug-Port

9 Section and 4 Spool Valve Assembly

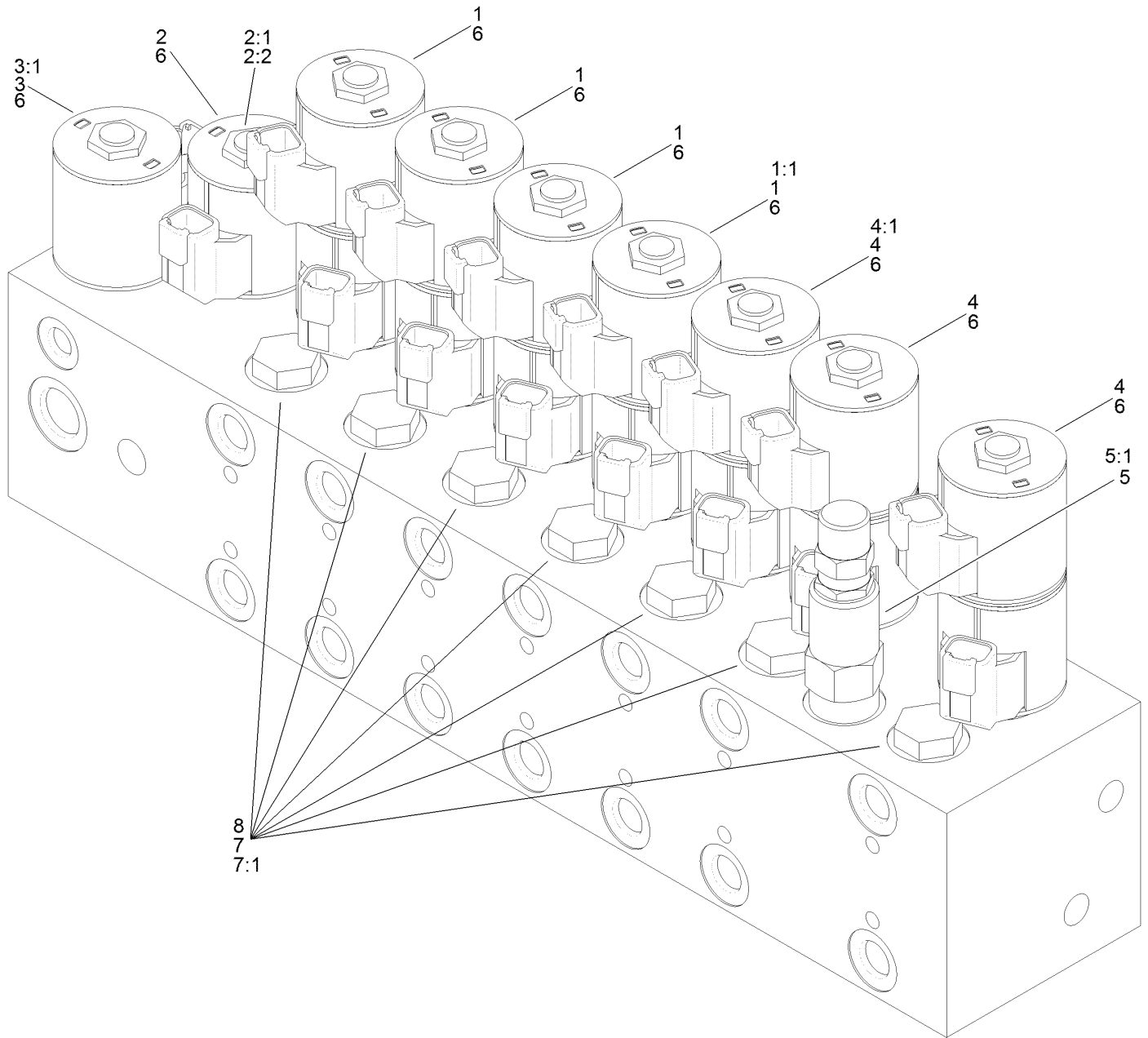


9 Section and 4 Spool Valve Assembly (continued)

<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	92-2745	5	Fitting-Adaptor	11:2	237-80	1	O-Ring
1:1	237-21	1	O-Ring	12	340-98	1	Fitting-HYD, 90 DEG
2	94-6031	2	Fitting-HYD	12:1	237-79	1	O-Ring
2:1	237-30	1	O-Ring	12:2	237-30	1	O-Ring
3	119-4061	3	Screw-HHF	13	115-9147	1	Fitting-Elbow, 90 DEG
4	340-1	19	Fitting-HYD, Straight	13:1	237-78	1	O-Ring
4:1	237-21	1	O-Ring	14	3234-1	4	Screw-HHF
4:2	237-42	1	O-Ring	15	81-0130	4	Nut-Flange, NI
5	340-104	2	Fitting-HYD, Tee	16	33103-050	2	Screw-HHF
5:1	237-30	2	O-Ring	17	AU111494	1	9 Section HYD Valve ASM
6	340-133	7	Adapter ASM	18	AU112323	1	HYD Flow Divider Valve ASM
6:1	237-79	1	O-Ring	18:1	131-8637	1	Seal Kit ●
6:2	237-21	1	O-Ring	20	AU8HV80159	1	4 Spool HYD Valve ASM
7	340-151	3	Fitting-HYD	21	340-141	1	Fitting-HYD, Straight
7:1	237-75	2	O-Ring	21:1	237-22	1	O-Ring
8	340-18	2	Fitting-HYD, 90 DEG	21:2	237-80	1	O-Ring
8:1	237-79	1	O-Ring	22	94-2628	1	Adapter-HYD
8:2	237-22	1	O-Ring	22:1	237-79	1	O-Ring
9	340-3	1	Adapter	22:2	237-30	1	O-Ring
9:1	237-22	1	O-Ring	23	354-79	1	Cap-Dust
9:2	237-79	1	O-Ring	24	131-0119	1	Valve-Relief
10	340-4	1	Fitting-HYD, Straight	24:1	105-9156	1	Seal Kit
10:1	237-30	1	O-Ring	25	340-115	1	Fitting-Tee, Swivel Nut
10:2	237-79	1	O-Ring	25:1	237-22	2	O-Ring
11	340-6	1	Fitting-HYD, Straight	27	33103-045	2	Screw-HHF
11:1	237-30	1	O-Ring				

● Not illustrated

9 Section Hydraulic Valve Assembly No. AU111494



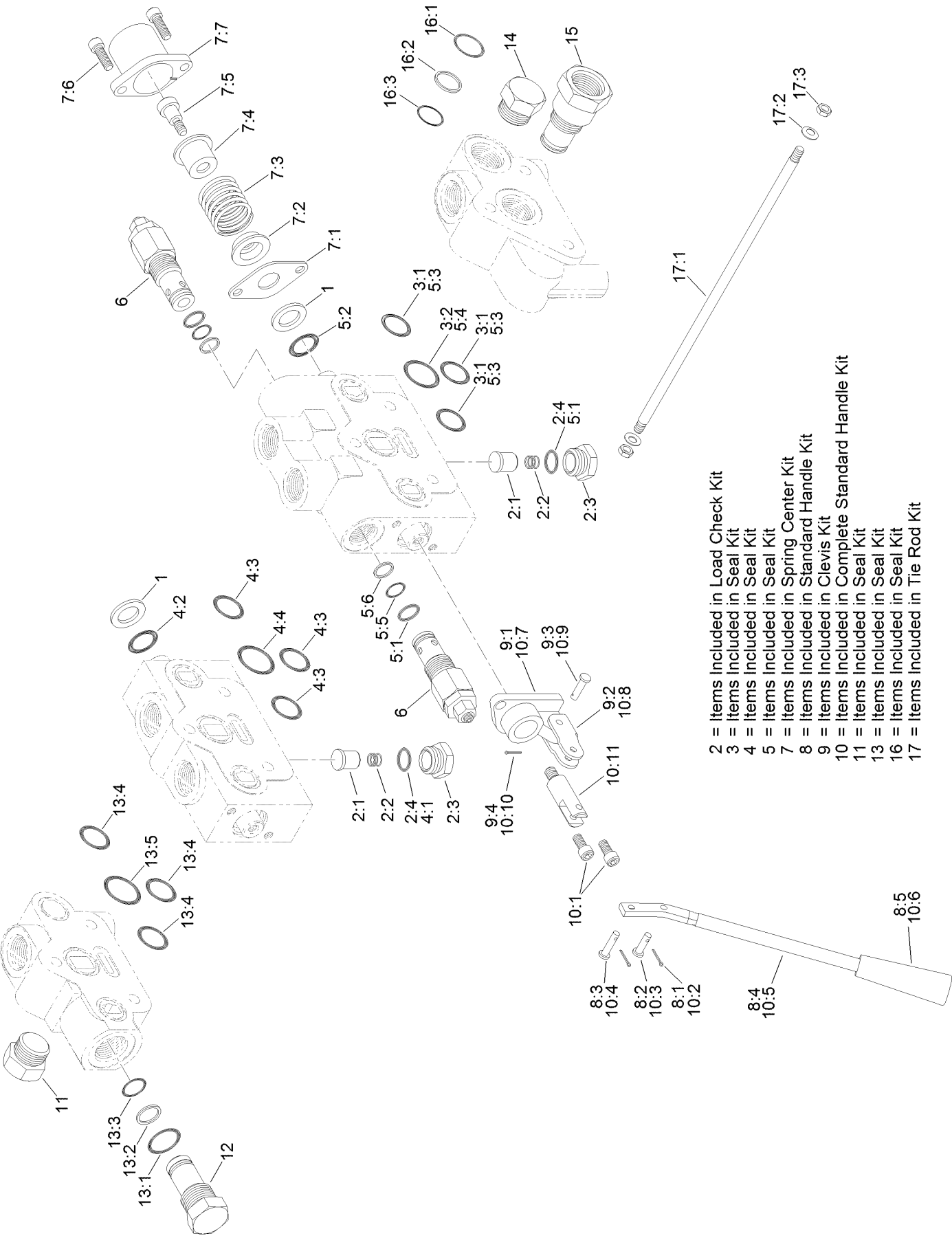
9 Section Hydraulic Valve Assembly No. AU111494 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	AU112257	4	Valve-Cartridge, Motor Spool
1:1	110-8908	1	Spool Valve Seal Kit
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	136-1492	1	Seal Kit
4	AU116738	3	Solenoid ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4:1	110-8908	1	Spool Valve Seal Kit
5	AU116739	1	Valve-Reducing, Pressure
5:1	105-9164	1	Seal Kit
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

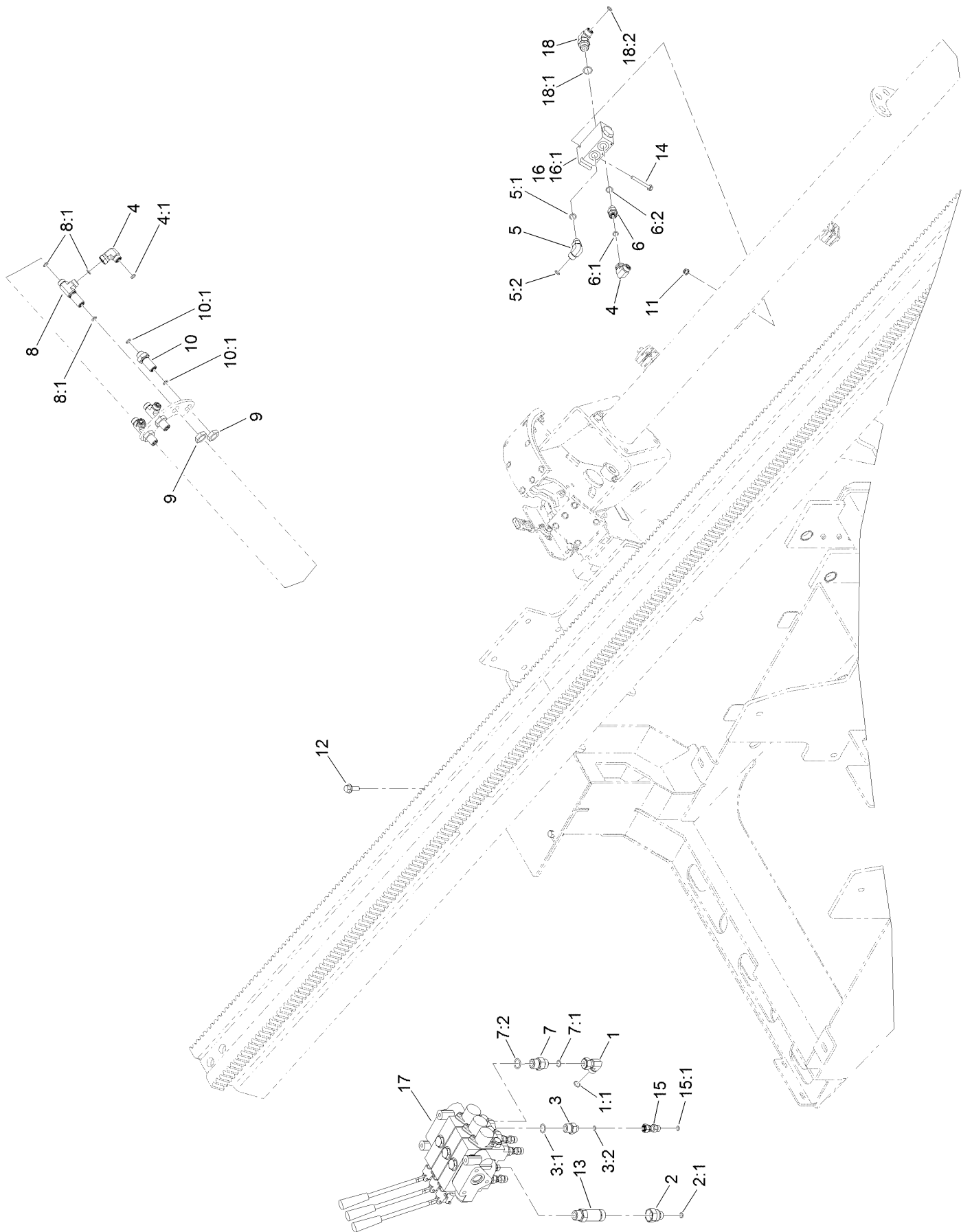


Stakedown Valve Assembly No. AU8HV80159 (continued)

<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	Complete 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

3 Spool Hydraulic Valve and Fitting Assembly

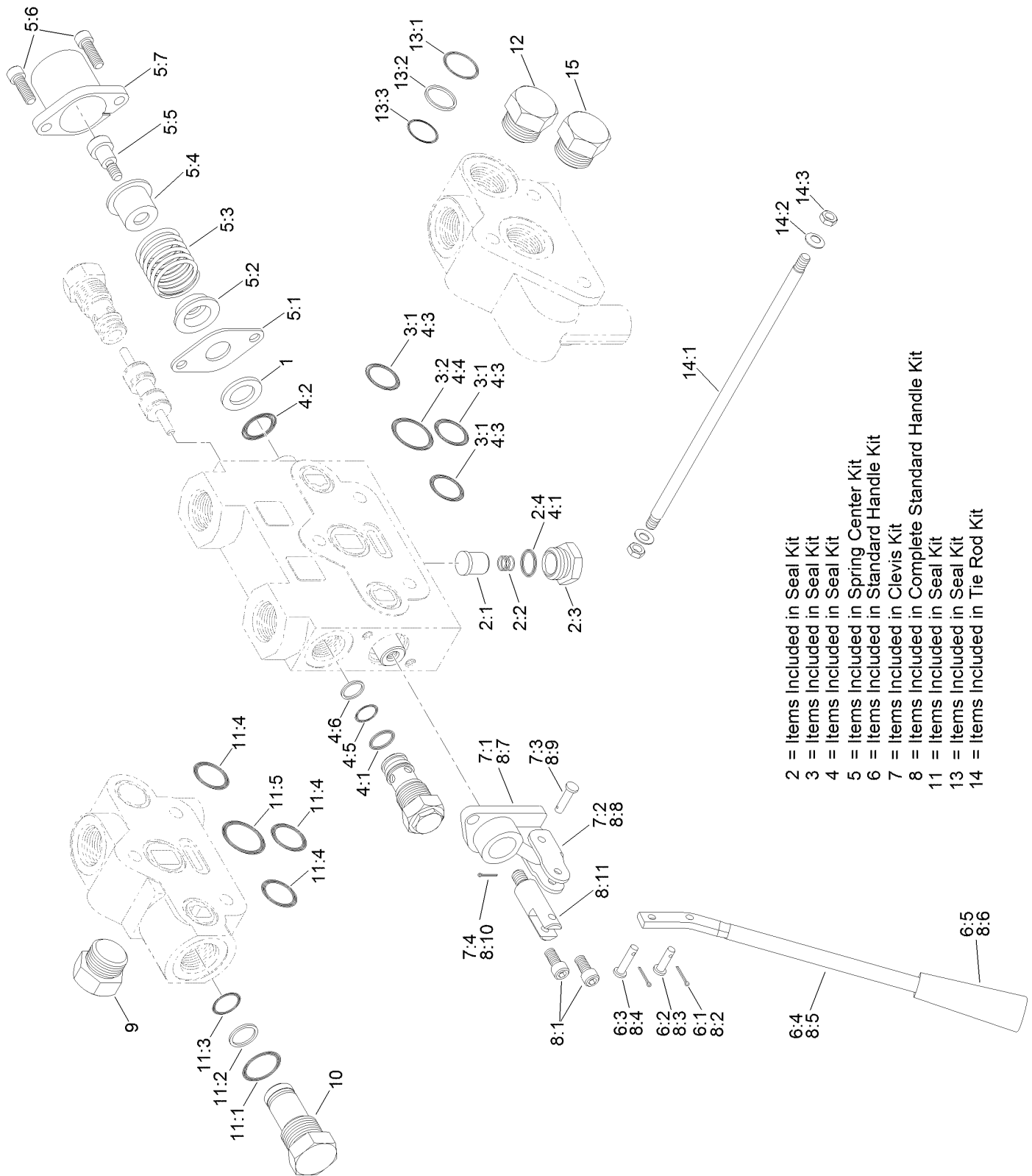


3 Spool Hydraulic Valve and Fitting Assembly (continued)

<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	94-6031	1	Fitting-HYD	8	340-68	3	Fitting-Tee, Bulkhead
1:1	237-30	1	O-Ring	8:1	237-22	3	O-Ring
2	98-7067	1	Fitting-HYD	9	340-70	4	Nut-Lock
2:1	237-22	1	O-Ring	10	340-71	1	Fitting-Straight, Bulkhead
3	340-133	6	Adapter ASM	10:1	237-22	2	O-Ring
3:1	237-79	1	O-Ring	11	81-0130	2	Nut-Flange, NI
3:2	237-21	1	O-Ring	12	3234-11	3	Screw-HHF
4	340-159	2	Fitting-HYD, 90 DEG	13	AU8OA41010	1	Connector
4:1	237-22	2	O-Ring	14	33103-050	2	Screw-HHF
5	340-77	1	Fitting-HYD, 90 DEG	15	AU111506	6	Fitting-Straight
5:1	237-22	1	O-Ring	15:1	237-21	1	O-Ring
5:2	237-42	1	O-Ring	16	AU112323	1	HYD Flow Divider Valve ASM
6	340-2	1	Fitting-HYD, Straight	16:1	131-8637	1	Seal Kit ●
6:1	237-22	1	O-Ring	17	AU8HV80153	1	3 Spool HYD Valve ASM
6:2	237-42	1	O-Ring	18	340-18	1	Fitting-HYD, 90 DEG
7	340-6	1	Fitting-HYD, Straight	18:1	237-79	1	O-Ring
7:1	237-30	1	O-Ring	18:2	237-22	1	O-Ring
7:2	237-80	1	O-Ring				

● Not illustrated

3 Spool Hydraulic Valve Assembly No. AU8HV80153



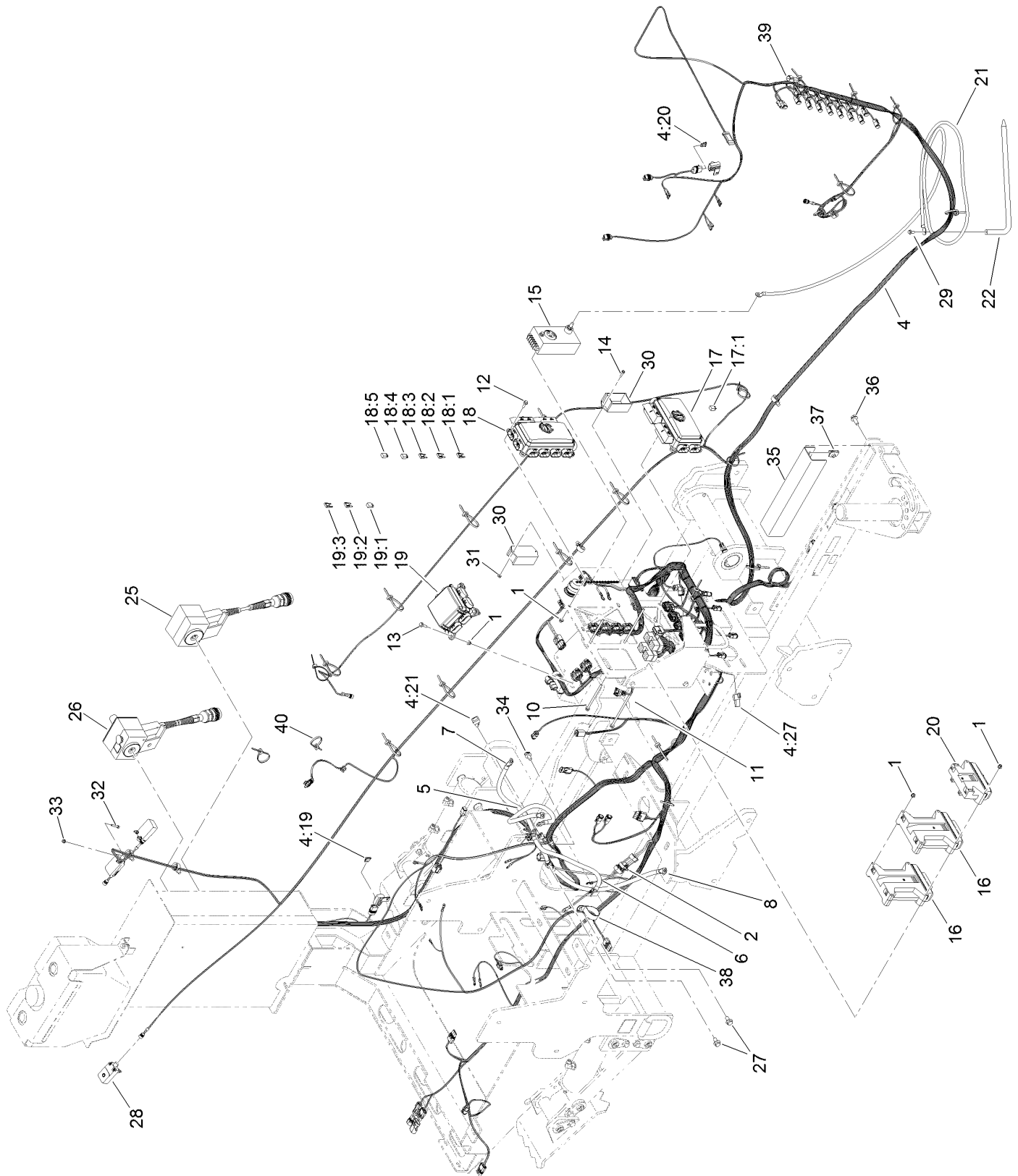
- 2 = Items Included in Seal Kit
- 3 = Items Included in Seal Kit
- 4 = Items Included in Seal Kit
- 5 = Items Included in Spring Center Kit
- 6 = Items Included in Standard Handle Kit
- 7 = Items Included in Clevis Kit
- 8 = Items Included in Complete Standard Handle Kit
- 11 = Items Included in Seal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

● Not serviced separately

Electrical Assembly

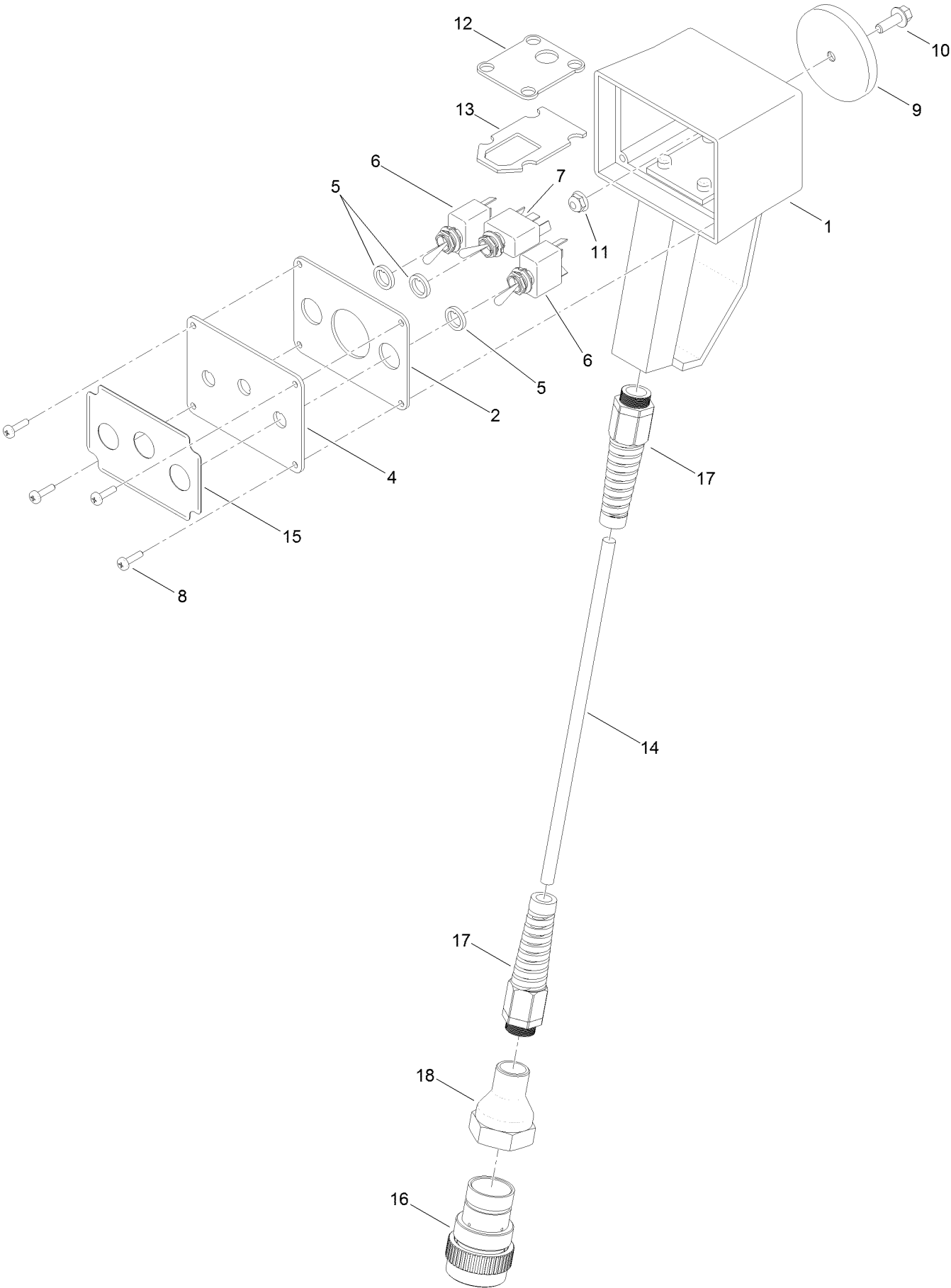


Electrical Assembly (continued)

<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	81-0130	16	Nut-Flange, NI	18:5	122-0819	2	Relay-280 Iso
2	99-3441	1	Harness-Wire, Fusible Link	19	AU113669	1	Box-Vec, Main (C)
4	121-6586	1	Harness-Wire, Main	19:1	122-0368	4	Relay-280 Iso
4:19	109355	1	Fuse-Blade, 15 Amp	19:2	121-8861	3	Fuse-Mini Blade, 2 Amp
4:20	110928	1	Fuse-Blade, 5 Amp	19:3	121-8868	1	Fuse-Mini Blade, 20 Amp
4:21	100-4918	1	Diode-Over Molded	20	AU117892	1	Computer-Expander, Output
4:27	32180-043	3	Resistor-120 Ohm	21	AU124406	1	Cable-Alert, Strike
5	122-0080	1	Cable-Battery, Positive	22	AU109224	1	Bar-Stake, Ground
6	122-0081	1	Cable-Battery, Positive	25	125-1627	1	Life Jacket ASM
7	122-0082	1	Cable-Battery, Negative	26	131-9036	1	Travel Pendant ASM
8	122-0083	1	Cable-Battery, Negative	27	33105-020	2	Screw-HHF
10	125-4526	2	Screw-HHF	28	AU8EP65159	3	Switch-Proximity
11	125-4527	2	Screw-HHF	29	114-8414	1	Screw-HHF
12	33103-020	8	Screw-HHF	30	AU115133	2	Connector-Pack, Resistor
13	33103-025	4	Screw-HHF	31	32128-17	2	Nut-Lock, Flange
14	106-9169	2	Screw-HWH	32	127-0952	6	Screw-HSH
15	AU8EE27103	1	Relay	33	120-4580	6	Nut-HF
16	AU103217	2	Controller-Micro, 50-Pin	34	32180-031	1	Clip-Tree (W/Tie)
17	AU113667	1	Box-Vec, Main (A)	35	131-0140-03	1	Plate-Guard, Wire
17:1	122-0368	14	Relay-280 Iso	36	33105-025	2	Screw-HHF
18	AU113668	1	Box-Vec, Main (B)	37	AU100863	2	Nut-U
18:1	121-8870	2	Fuse-Mini Blade, 30 Amp	38	2412-147	1	Clamp-R
18:2	121-8861	3	Fuse-Mini Blade, 2 Amp	39	122-0420	1	Harness-Wire
18:3	121-8868	3	Fuse-Mini Blade, 20 Amp	40	3290-378	25	Tie-Cable
18:4	122-0368	10	Relay-280 Iso	99	AU8EE27104	1	Tester-Zapalert ●

● Not illustrated

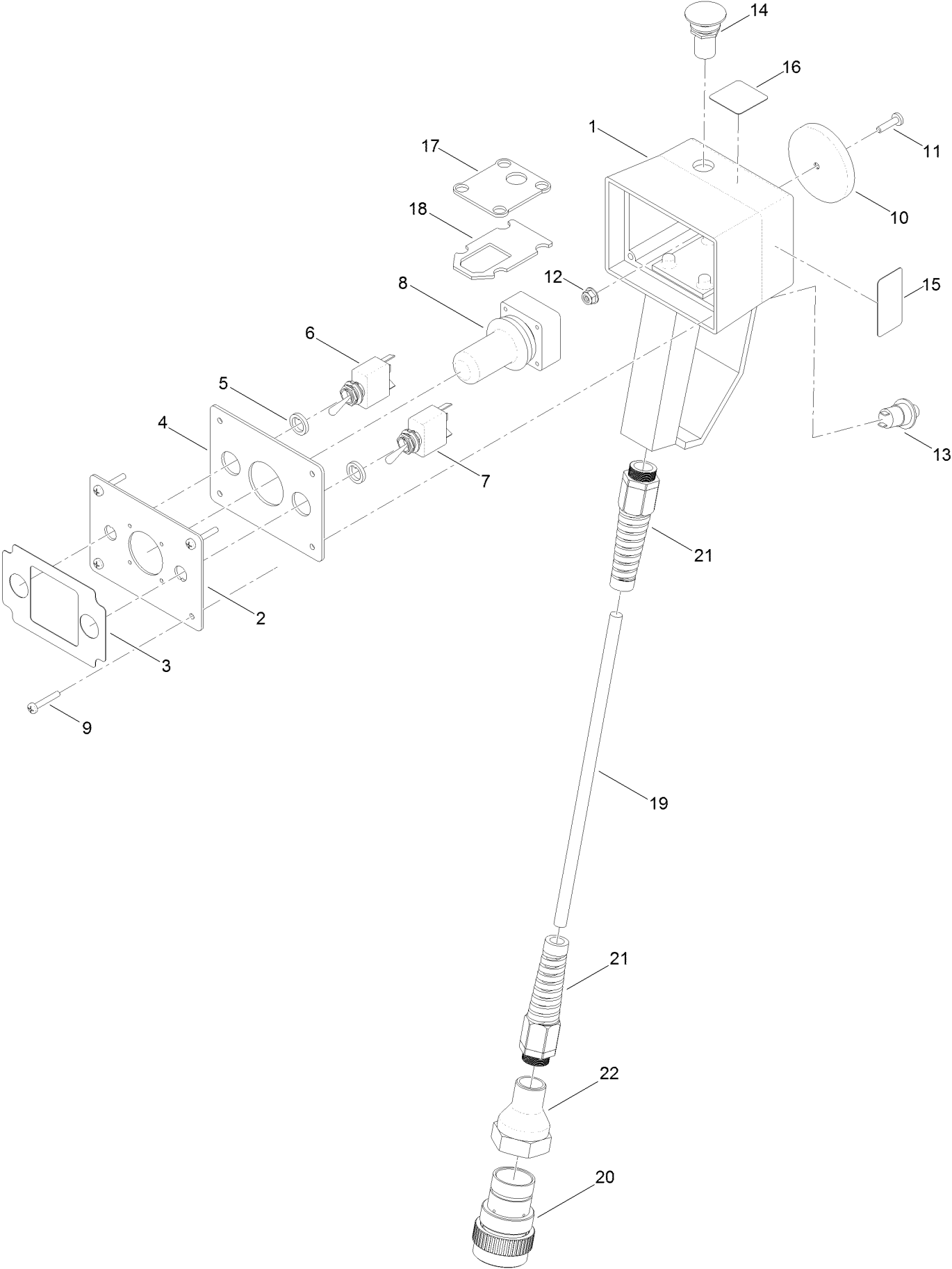
Life Jacket Assembly No. 125-1627



Life Jacket Assembly No. 125-1627 (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	125-1613	1	Enclosure-Handheld	11	104-7201	1	Nut-Flange, NI
2	125-1643	1	Gasket-Enclosure	12	125-1609	1	Gasket-Handle, Inner
4	125-1644	1	Plate-Life Jacket	13	125-1610	1	Gasket-Handle, Outter
5	125-1619	3	Seal-Switch	14	125-1607	1	Cable-Lifejacket
6	125-1615	2	Switch	15	125-6178	1	Decal-Lifejacket
7	125-1620	1	Switch	16	32160-402	1	Connector-Deutsch, 14F
8	125-1630	4	Screw-PPH	17	125-1632	1	Grip-Cord
9	T0002-8729	1	Magnet-Ceramic, Encased	18	125-1625	1	Coupler
10	120-9678	1	Screw-HHF				

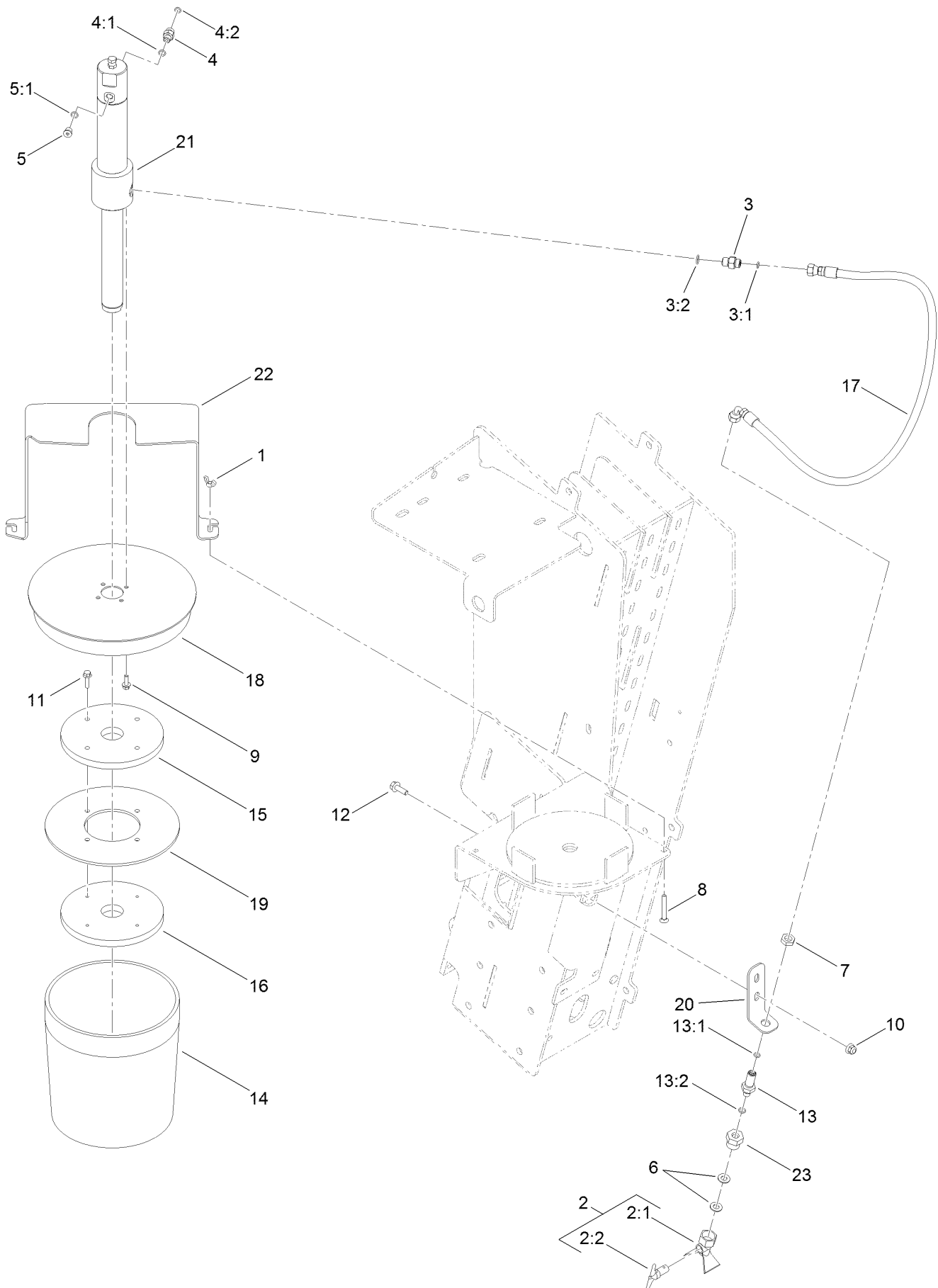
Travel Pendant Assembly No. 131-9036



Travel Pendant Assembly No. 131-9036 (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

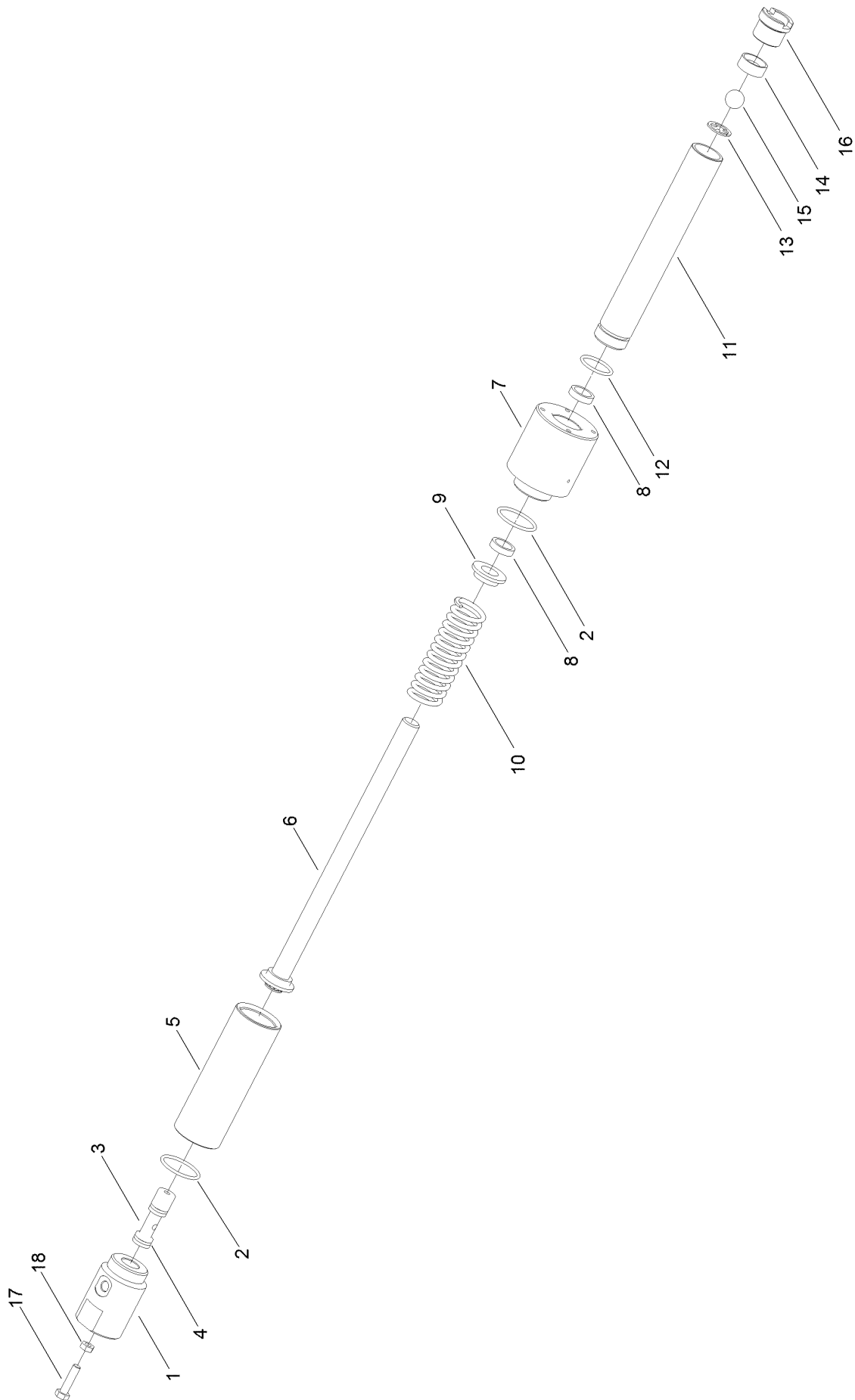
Tool Joint Lube Applicator Assembly



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	10	104-3082	2	Nut-Lock, HHF
2	125-4539	1	Spray Nozzle ASM	11	33103-025	4	Screw-HHF
2:1	125-4540	1	Nozzle-Spray, Airless	12	33104-025	2	Screw-HHF
2:2	125-4541	1	Orifice Insert ASM	13	AU8OA90404	1	Fitting-Straight
3	340-1	1	Fitting-HYD, Straight	13:1	237-21	1	O-Ring
3:1	237-21	1	O-Ring	13:2	237-78	1	O-Ring
3:2	237-42	1	O-Ring	14	AU01DT9904	1	Compound-Thread
4	340-92	1	Fitting-HYD, Straight	15	AU108640-03	1	Plate
4:1	237-78	1	O-Ring	16	AU108641-03	1	Plate
4:2	237-21	1	O-Ring	17	AU108645	1	Hose-HYD
5	353-990	1	Plug ASM	18	AU108790-03	1	Cover-Applicator, Lube
5:1	237-78	1	O-Ring	19	AU108814	1	Seal-Rubber, Follower
6	AU496-21041	2	Washer-Flat	20	AU108816-03	1	Bracket-Nozzle Greaser
7	340-78	1	Nut-Lock	21	AU108837	1	HYD Grease Pump ASM
8	3229-8	2	Screw-CARR	22	AU109840-03	1	Cover-Grease Tied Down
9	120-9678	4	Screw-HHF	23	AU8SA31004	1	Reducer-Straight, Threaded

Grease Pump Assembly No. AU108837

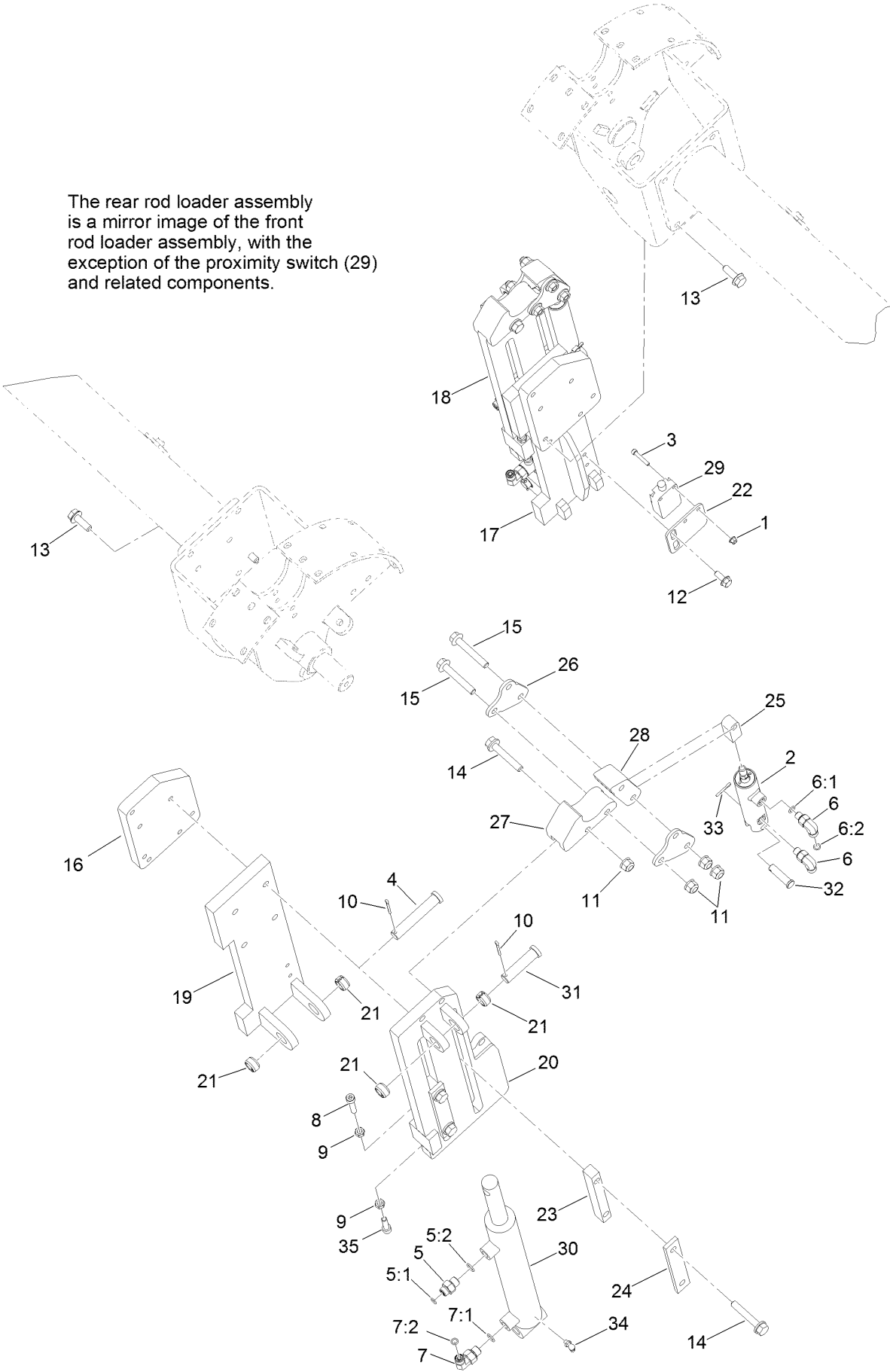


Grease Pump Assembly No. AU108837 (continued)

<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

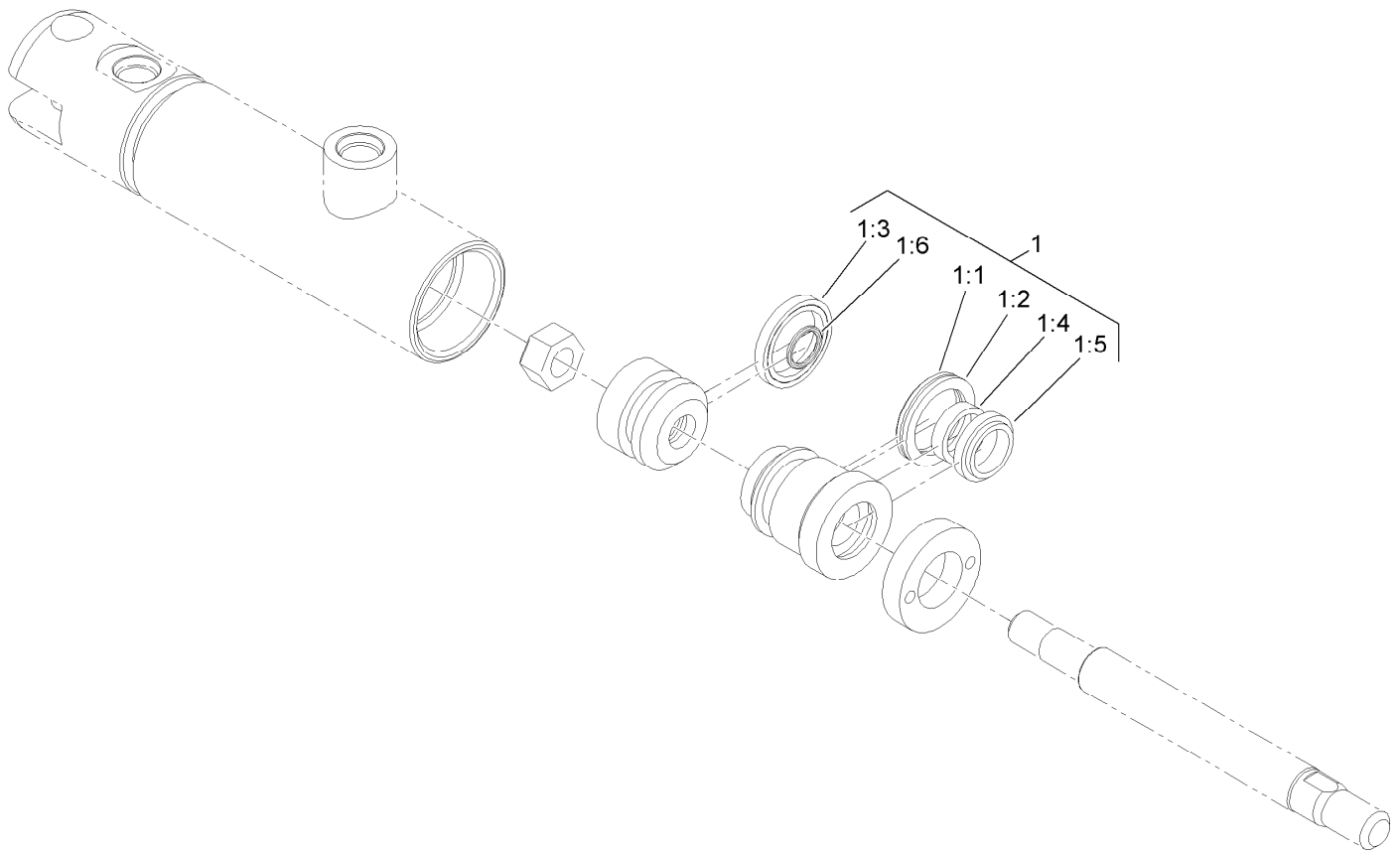
The rear rod loader assembly is a mirror image of the front rod loader assembly, with the exception of the proximity switch (29) and related components.



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	120-4580	2	Nut-HF	16	AU109578-03	2	Plate-Spacer
2	125-4463	2	HYD Cylinder ASM	17	AU109581-03	1	Arm-Extension
3	127-0952	2	Screw-HSH	18	130-4499-03	1	Extension-Slider, Rear
4	283-78	2	Pin-Clevis	19	AU109731-03	1	Arm-Extension
5	340-1	2	Fitting-HYD, Straight	20	130-4498-03	1	Extension-Slider, Front
5:1	237-21	1	O-Ring	21	AU109762	8	Bushing-Spring
5:2	237-42	1	O-Ring	22	AU12GB7334	1	Bracket-Sensor, Extension Arm
6	340-132	4	Fitting-HYD, 90 DEG	23	AU12GB7342-03	4	Guide-Extension Arm
6:1	237-78	1	O-Ring	24	AU12GB7343-03	4	Cap-Guide, Extension Arm
6:2	237-21	1	O-Ring	25	AU12GB7347	2	Rod-Eye, Cylinder
7	340-82	2	Fitting-HYD, 90	26	AU12GB7379	4	Plate-Gripper, Rotate
7:1	237-42	1	O-Ring	27	AU20GB7358	2	Insert-Gripper, Fixed
7:2	237-21	1	O-Ring	28	AU20GB7359	2	Insert-Gripper, Rotate
8	131-0197	2	Screw-HSH	29	AU8EP65159	1	Switch-Proximity
9	33014-00	4	Nut-Hex	30	132-5748	2	HYD Cylinder ASM
10	3272-12	4	Pin-Cotter	31	AUH32920	2	Pin-Clevis
11	103-9511	8	Nut-Lock, NI	32	127-0889	2	Pin-Clevis
12	33104-020	2	Screw-HHF	33	3272-10	2	Pin-Cotter
13	33105-030	6	Screw-HHF	34	302-40	2	Fitting-Grease, 90 DEG
14	33105-060	10	Screw-HHF	35	94-3559	2	Screw-HSH
15	AU100336	6	Screw-HHF				

Hydraulic Cylinder Assembly No. 125-4463



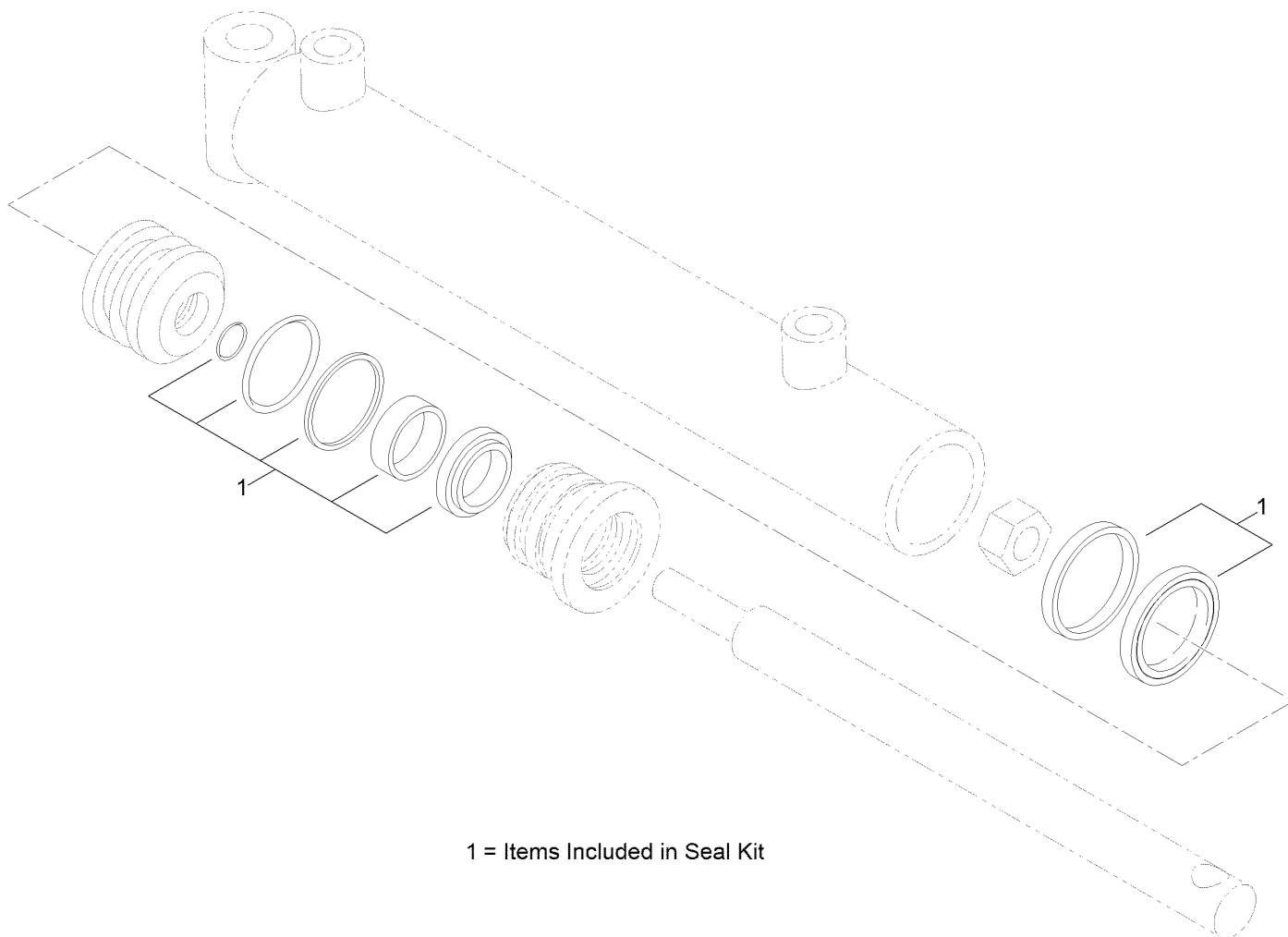
Hydraulic Cylinder Assembly No. 125-4463 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9688	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Backup ●
1:3		1	Seal-P S P ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:4		1	Seal-B S ●
1:5		1	Seal-Dust ●
1:6		1	O-Ring ●

● Not serviced separately

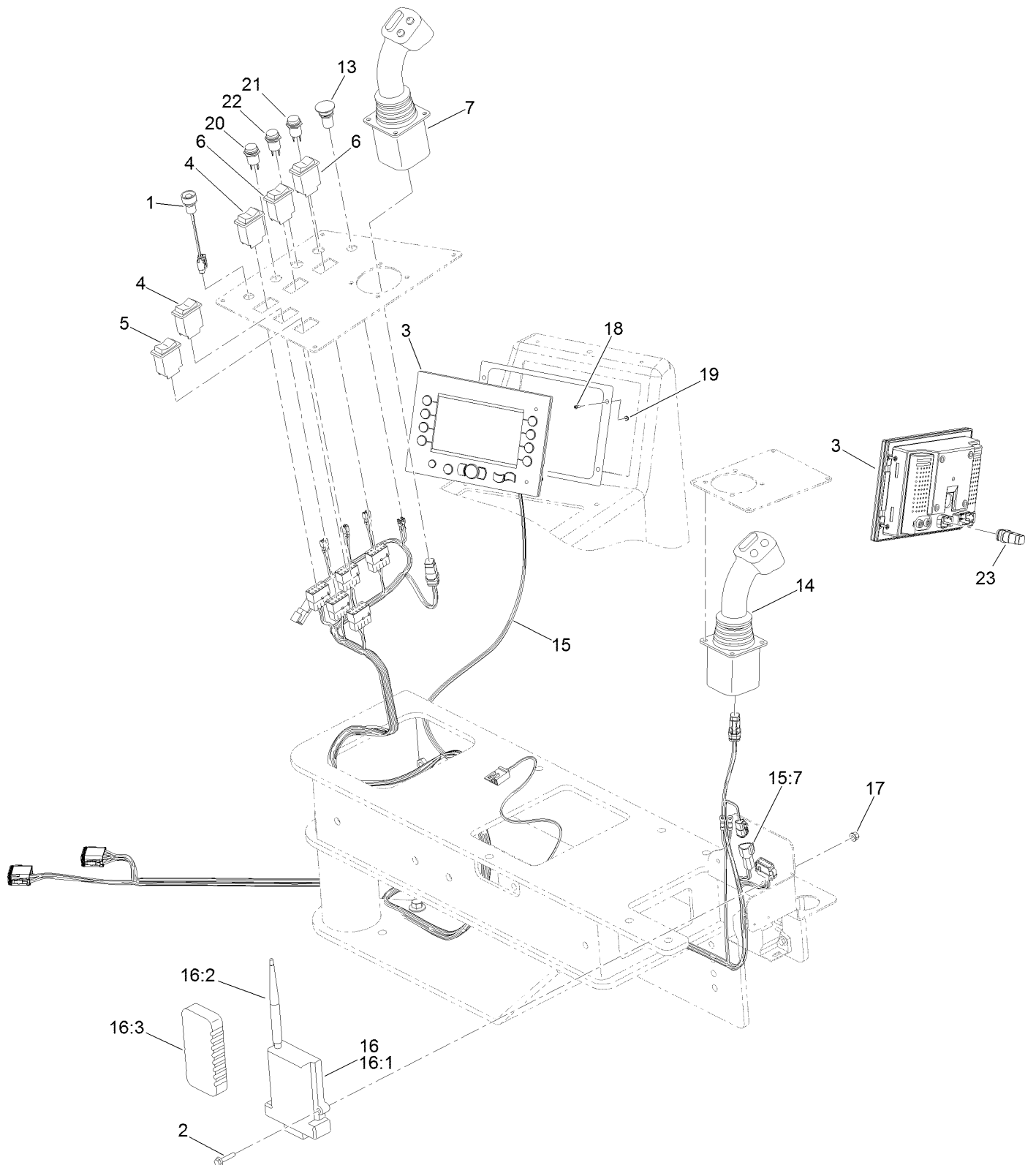
Hydraulic Cylinder Assembly No. 132-5748



Hydraulic Cylinder Assembly No. 132-5748 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-5749	1	Seal Kit

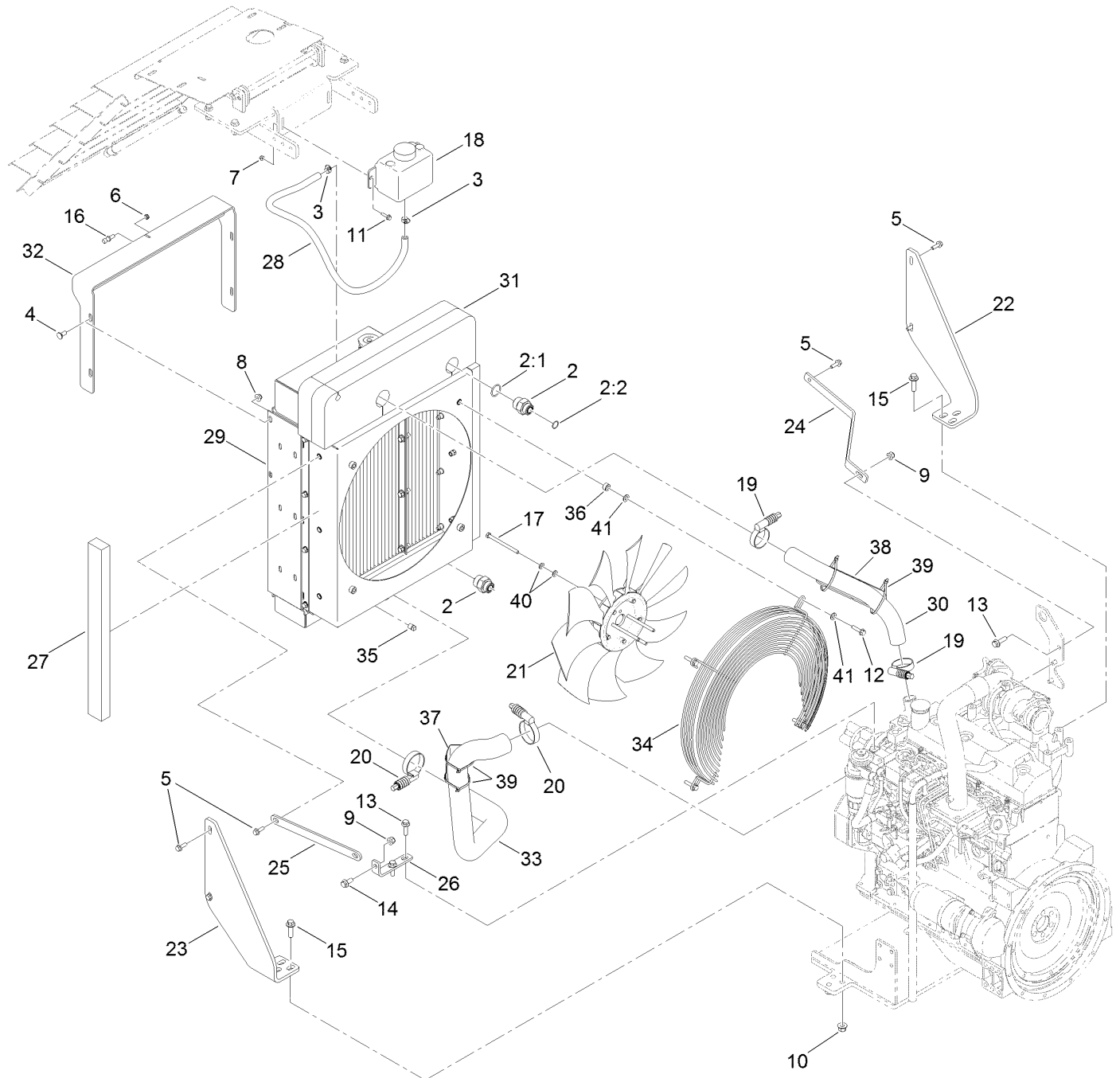
Operator Control Assembly



Operator Control 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	121-6592	1	Switch-Start, Green Button	15	121-6585	1	Harness-Wire, Operator
2	33103-030	2	Screw-HHF	15:7	32180-043	1	Resistor-120 Ohm
3	131-0118	1	Display-Dp610Tm, Unprogrammed	16	130-4457	1	Standard Exit Side Lockout
4	AU113662	2	Switch-Rocker, 2 Pole (On/Off)	16:1	130-4459	1	Base Unit-Lockout
5	AU113664	1	Switch-Rocker, 2 Pole	16:2	130-4462	1	Antenna-Lockout
6	AU113665	2	Switch-Rocker, 1 Pole (On)Off/On(Off)	16:3	130-4458	1	Handheld-Lockout
7	AU117962	1	Joystick-Modified (Left Hand)	17	81-0130	2	Nut-Flange, NI
13	AU8EP46103	1	Button-Push, Red Mushroom	18	130-4539	4	Screw-Ph
14	AU8EP47613	1	Joystick-Carriage	19	3296-52	4	Nut-Lock, NI
				20	131-0038	1	Lamp-Indicator, LED
				21	131-0039	1	Lamp-Indicator, LED
				22	131-0040	1	Lamp-Indicator, LED
				23	122-0677	1	Cap

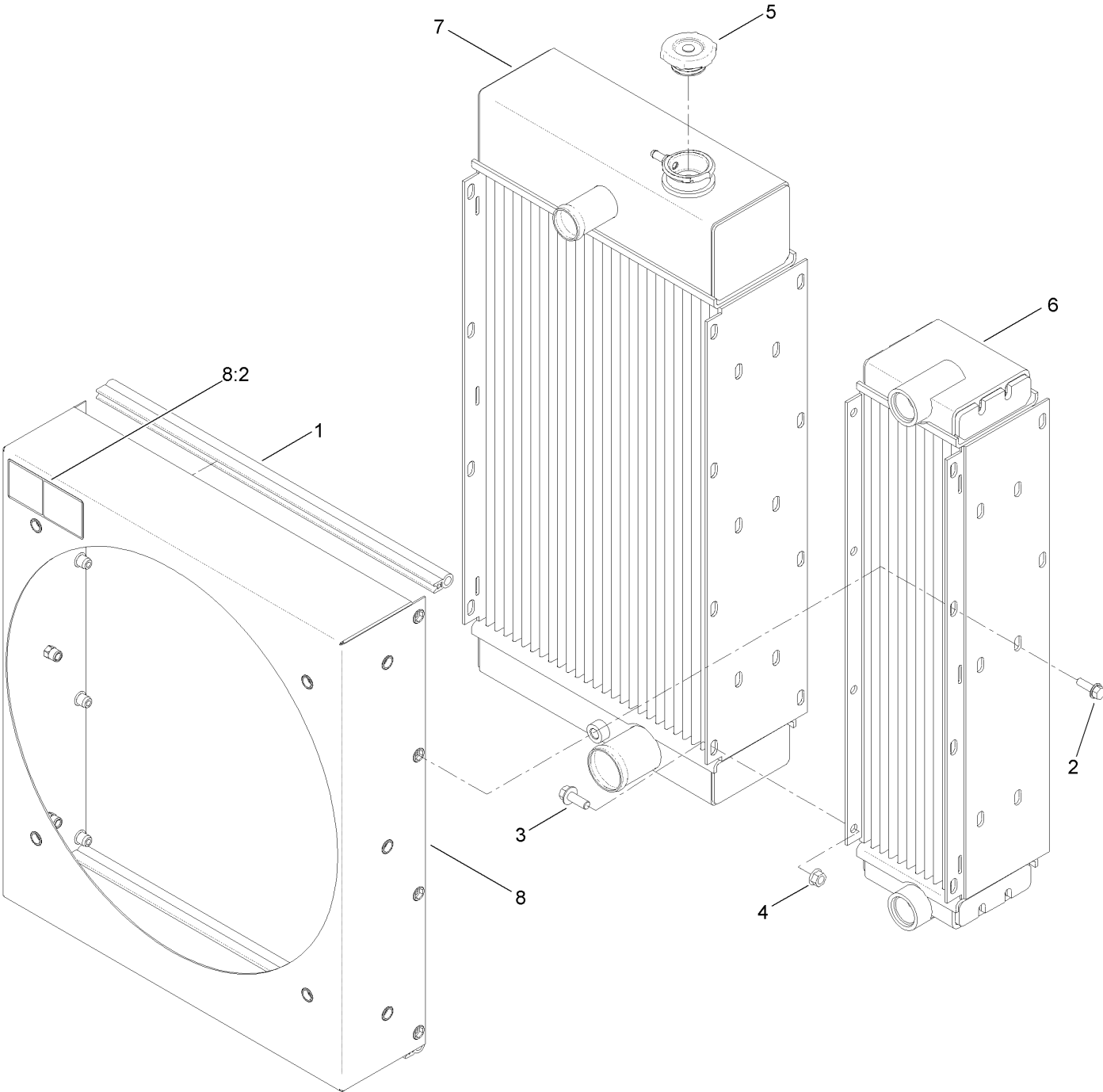
Engine Cooling Assembly



Engine Cooling 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>
2	340-91	2	Adapter	21	AU114234	1	Fan-19 Inch (10-Blade)
2:1	237-58	1	O-Ring	22	AU114260-03	1	Bracket-Mount, Radiator
2:2	237-146	1	O-Ring	23	AU114261-03	1	Bracket-Mount, Radiator
3	2412-108	2	Clamp-Worm	24	AU114262-03	1	Strap-Radiator
4	3231-12	4	Bolt-CARR	25	AU114263-03	1	Strap-Radiator
5	33104-025	6	Screw-HHF	26	AU114350-03	1	Plate-Mount, Strap
6	3296-47	1	Nut-Lock, NI	27	AU114671	2	Seal-Foam
7	33003-00	2	Nut-HF	28	127-0762	1	Hose-Coolant, Overflow
8	104-8301	4	Nut-Flange, NI	29	AU129486	1	Cooler ASM
9	103-9511	2	Nut-Lock, NI	30	AU130011	1	Hose-Upper, Radiator
10	115-1115	6	Nut-Lock, HHF	31	130-4473	2	Foam-Radiator, Upper
11	33103-025	2	Screw-HHF	32	AU130029-03	1	Shock Mount ASM
12	33104-035	4	Screw-HHF	33	AU130482	1	Hose-Lower, Radiator
13	33105-035	3	Screw-HHF	34	AU8HX30005-2	1	Guard-Fan
14	33105-025	1	Screw-HHF	35	281-1	1	Plug-Pipe, SQH
15	33106-040	6	Screw-HHF	36	103-3648	4	Spacer-Nominal, 10.5Mm
16	AU8HH96100	1	Stud-Ball	37	AU112950	1	Protector-Hose, 4 Inch
17	33114-110	4	Screw-HH	38	AU112951	1	Protector-Hose, 8 Inch
18	AU109352	1	Tank-Overflow	39	3290-379	4	Tie-Cable
19	121-7536	2	Clamp-Torque, Constant	40	3256-23	8	Washer-Flat
20	AU110569	2	Clamp-Torque, Constant	41	104-2946	8	Washer-Plain

Cooler Assembly No. AU129486

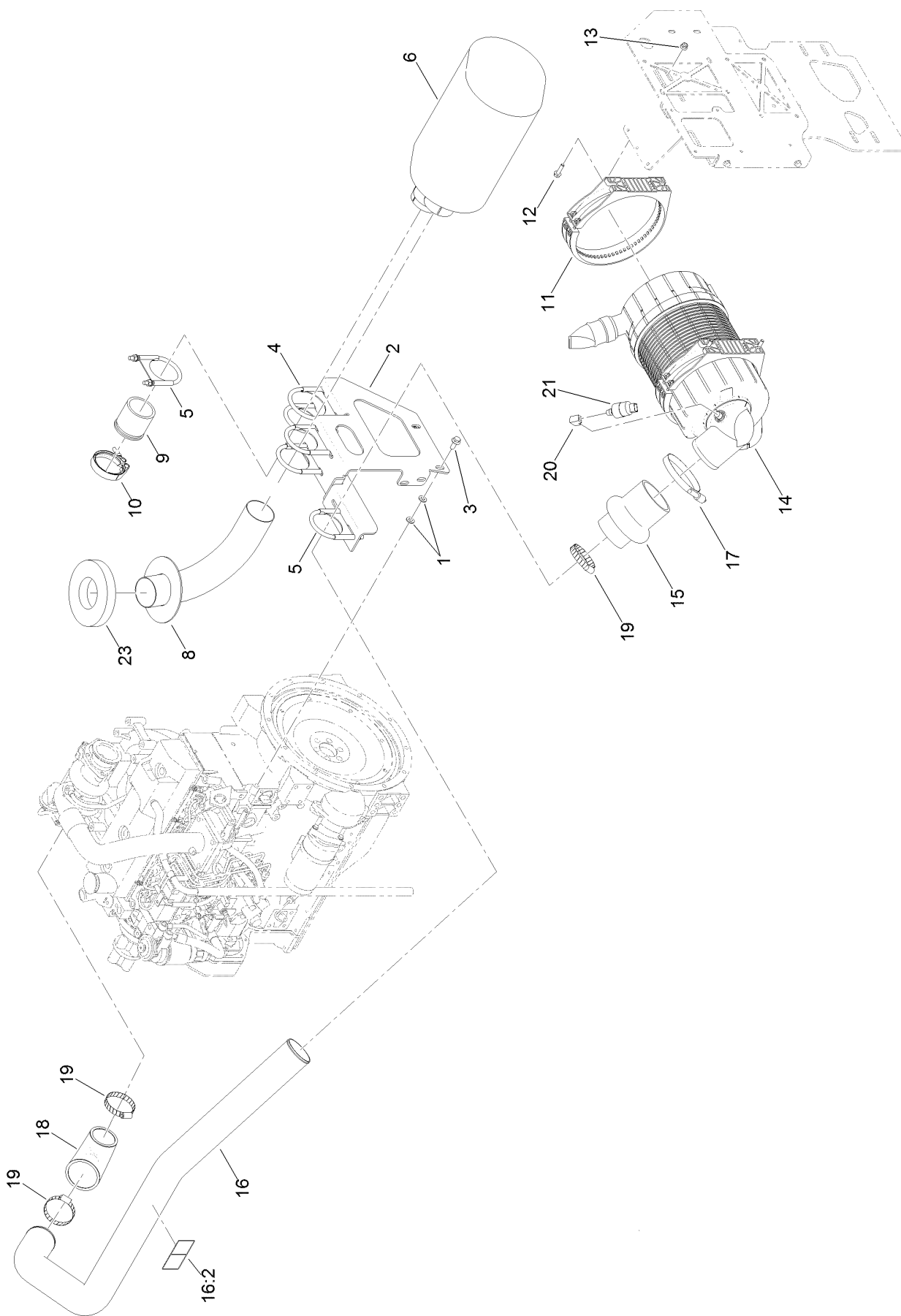


Cooler Assembly No. AU129486 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-4489	2	Seal-Edge
2	3234-29	8	Screw-HHF
3	3234-42	8	Screw-HHF
4	32128-21	8	Nut-HF
5	AU111393	1	Cap-Radiator

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	AU130020	1	Cooler-Oil
7	AU130021	1	Cooler-Radiator
8	127-0921	1	Fan Shroud ASM
8:2	125-6127	1	Decal-Rotating Fan Hazard

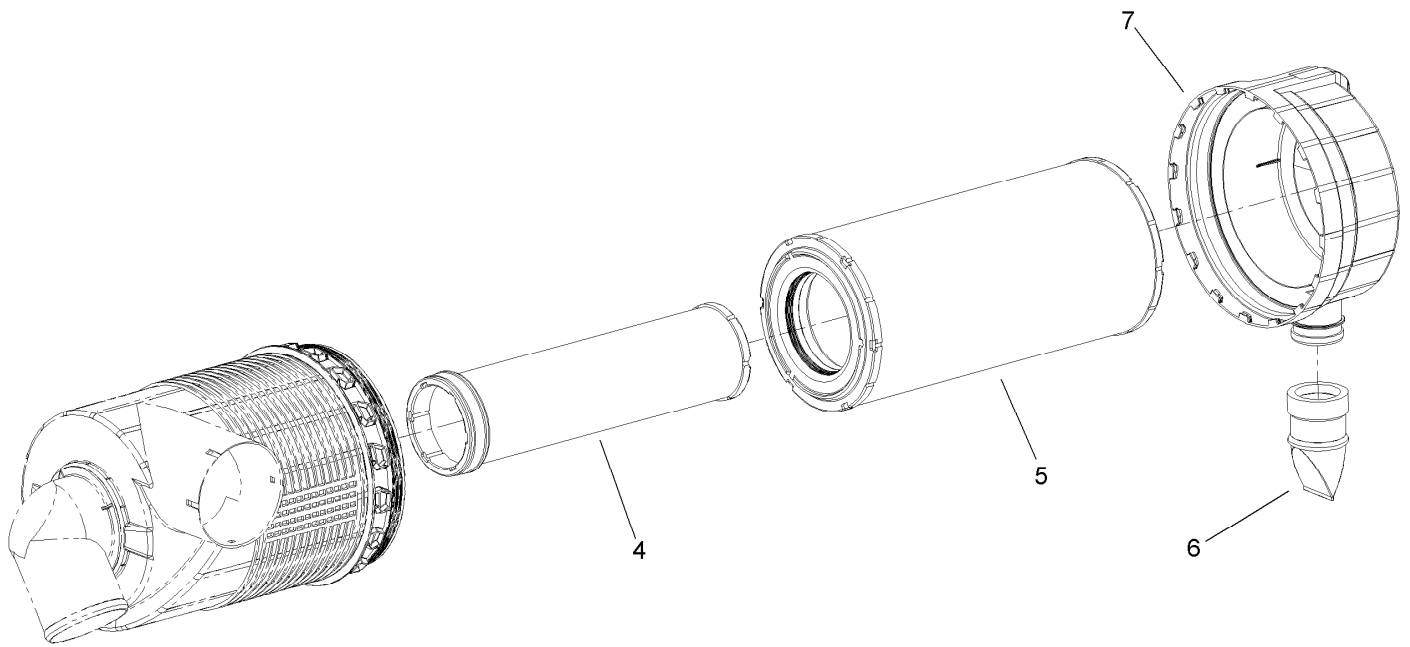
Engine Intake and Exhaust Assembly



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	AU496-21041	4	Washer-Flat	13	104-3082	4	Nut-Lock, HHF
2	AU118530-03	1	Bracket-Mount, Muffler	14	112-7329	1	Air Cleaner ASM
3	33105-025	2	Screw-HHF	15	AU8NG10019-09	1	Reducer-Hose
4	AU8NG28119	1	Clamp-Guillotine	16	127-0922	1	Air Intake ASM
5	AU8NG28118	5	Clamp-Guillotine	16:2	125-6129	1	Decal-Warning, Hot Surface
6	125-4535	1	Muffler	17	AU102427	1	Clamp-Torque, Constant
8	AU121439	1	Tube-Exhaust (W/ Seal Plate)	18	125-4532	1	Elbow-90 DEG
9	AU112878	1	Flange-Adapter, Turbo	19	2412-128	3	Clamp-Hose
10	AUA170467	1	Clamp	20	AU217-1050	1	Fitting-Elbow, 90
11	112-7340	2	Band-Mounting, Air Cleaner	21	AU293797A1	1	Switch ASM
12	33104-030	4	Screw-HHF	23	AU121440	1	Insulation

Air Cleaner Assembly No. 112-7329

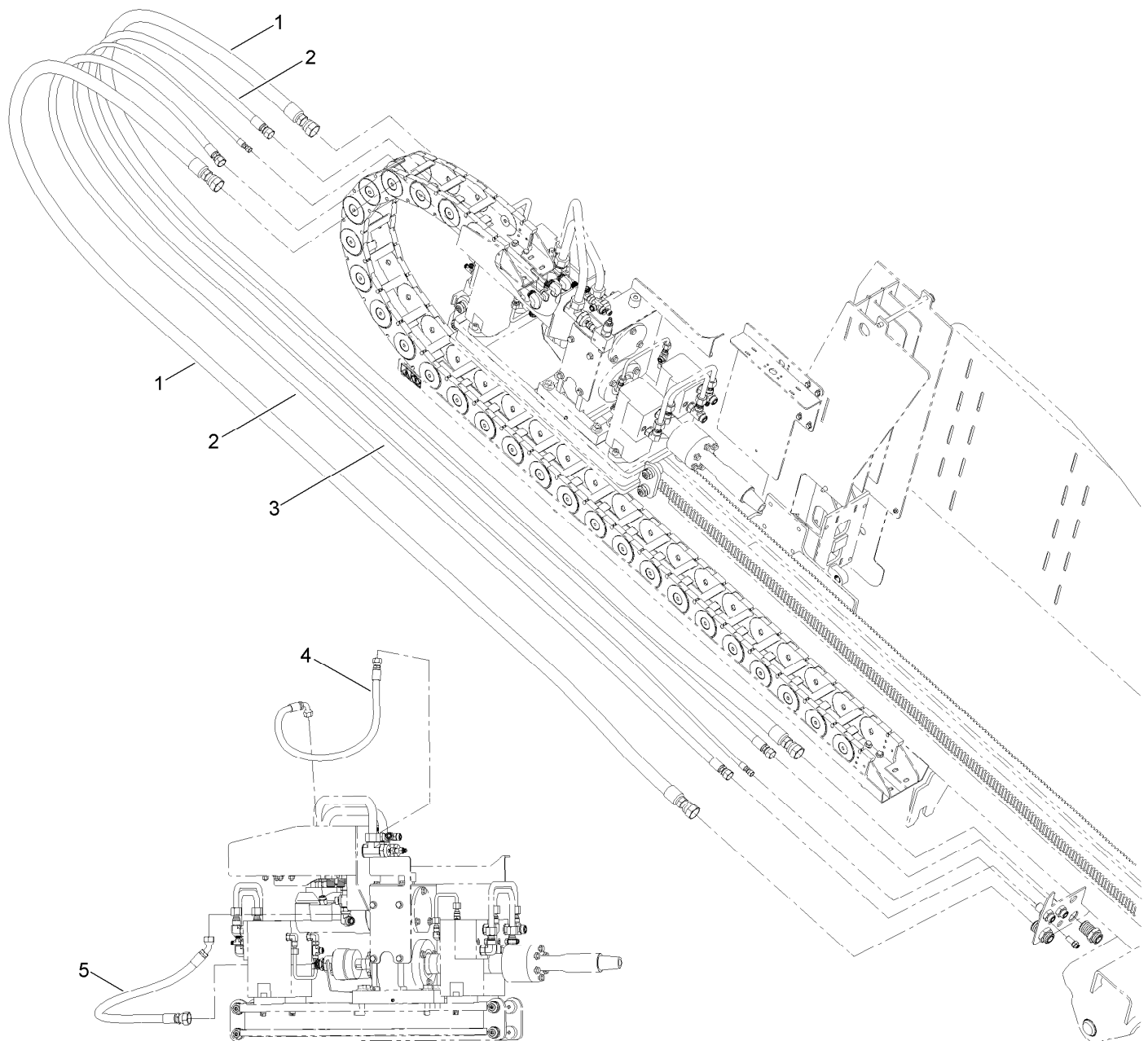


Air Cleaner Assembly No. 112-7329 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	115-8877	1	Filter-Air, Engine (Safety)
5	115-8887	1	Filter-Air, Engine (Primary)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	114-5624	1	Valve-Vacuator
7	114-5625	1	Cover ASM

Main Frame Hydraulic Hose Assembly No. 1

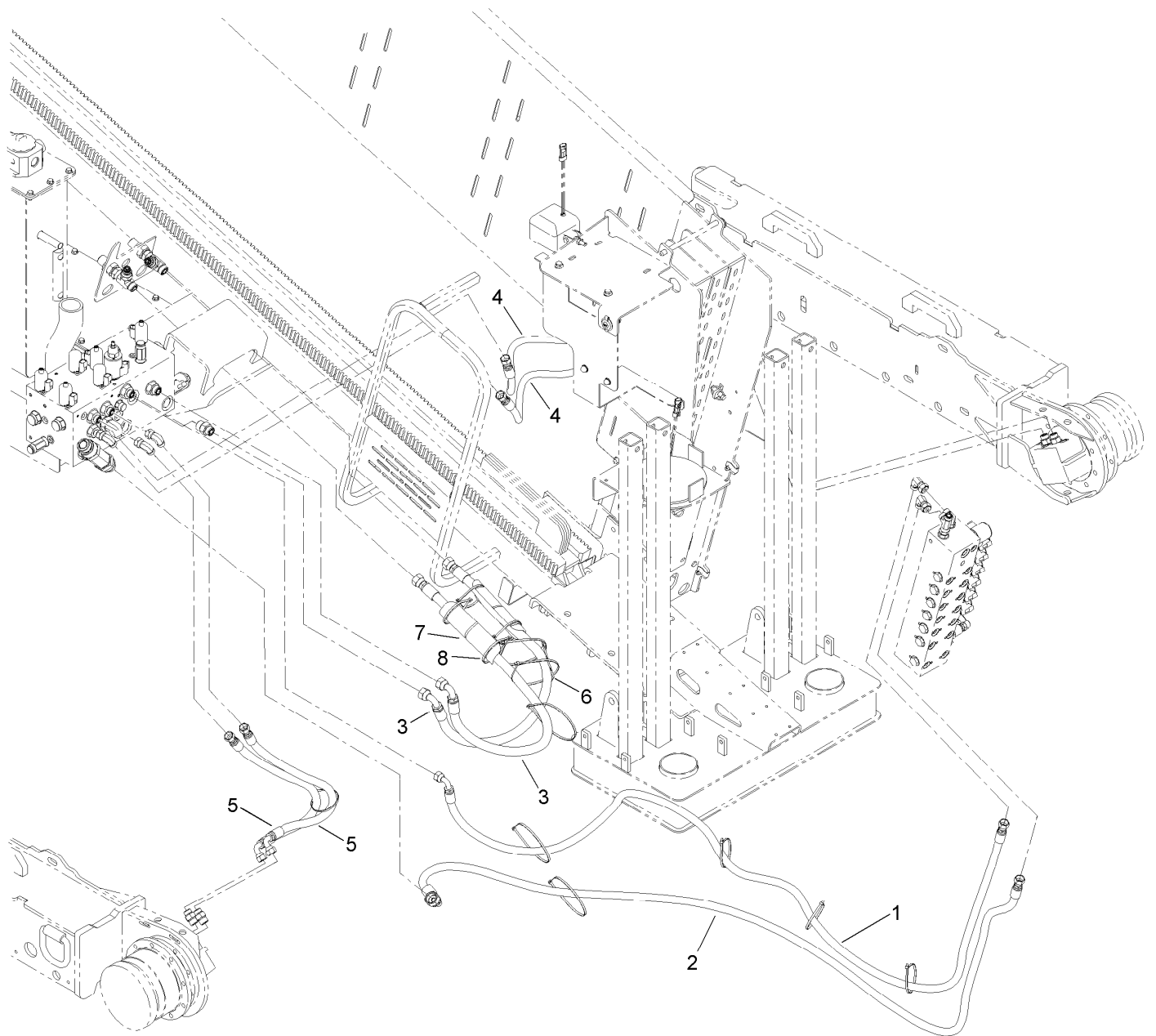


Main Frame Hydraulic Hose Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0831	2	Hose ASM
2	127-0833	2	Hose ASM
3	127-0768	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	127-0838	1	Hose ASM
5	127-0839	1	Hose ASM

Main Frame Hydraulic Hose Assembly No. 2

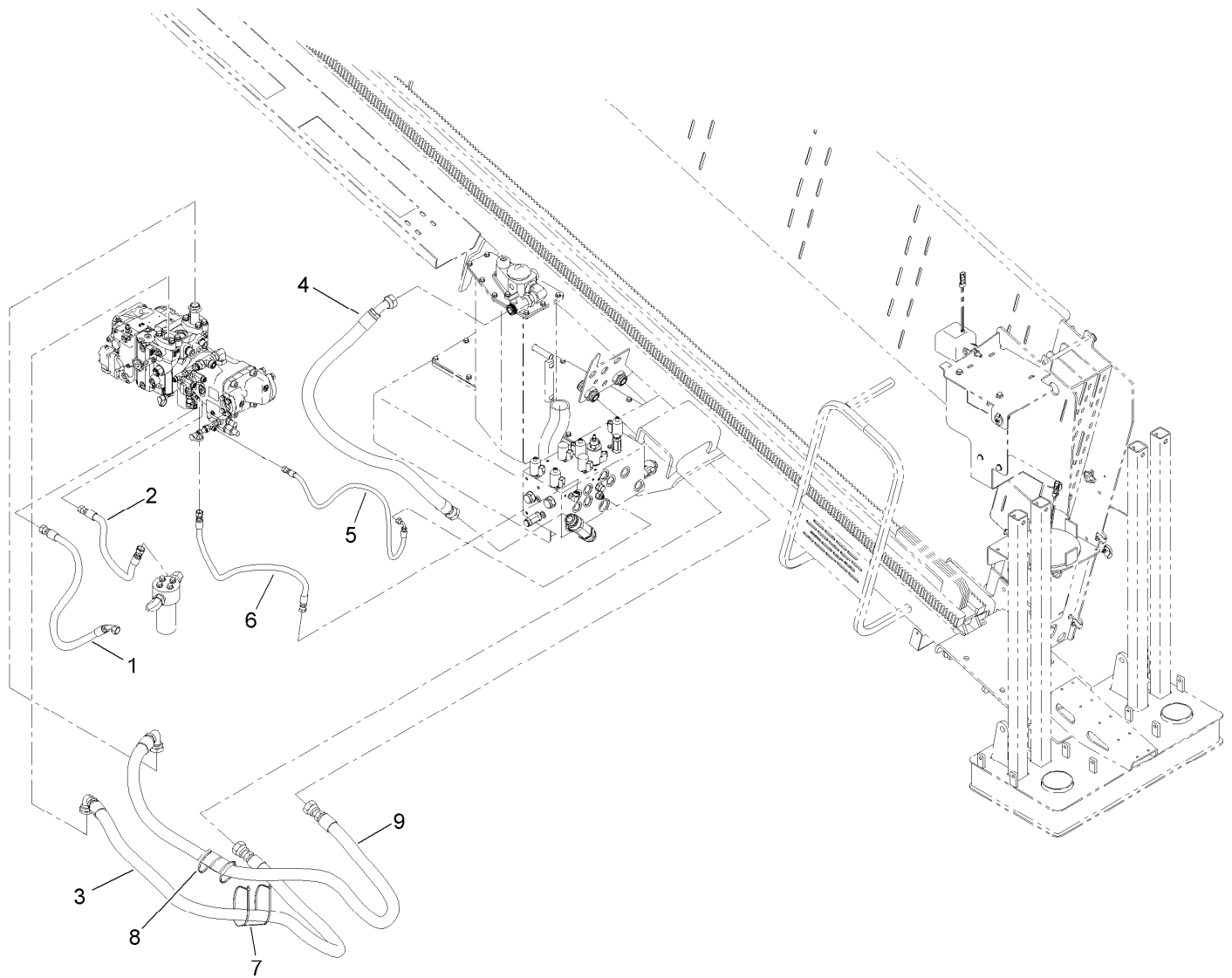


Main Frame Hydraulic Hose Assembly No. 2 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0765	1	Hose ASM
2	127-0766	1	Hose ASM
3	127-0870	2	Hose ASM
4	127-0769	2	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	127-0771	2	Hose ASM
6	AU112950	1	Protector-Hose, 4 Inch
7	AU112951	2	Protector-Hose, 8 Inch
8	3290-379	15	Tie-Cable

Main Frame Hydraulic Hose Assembly No. 3

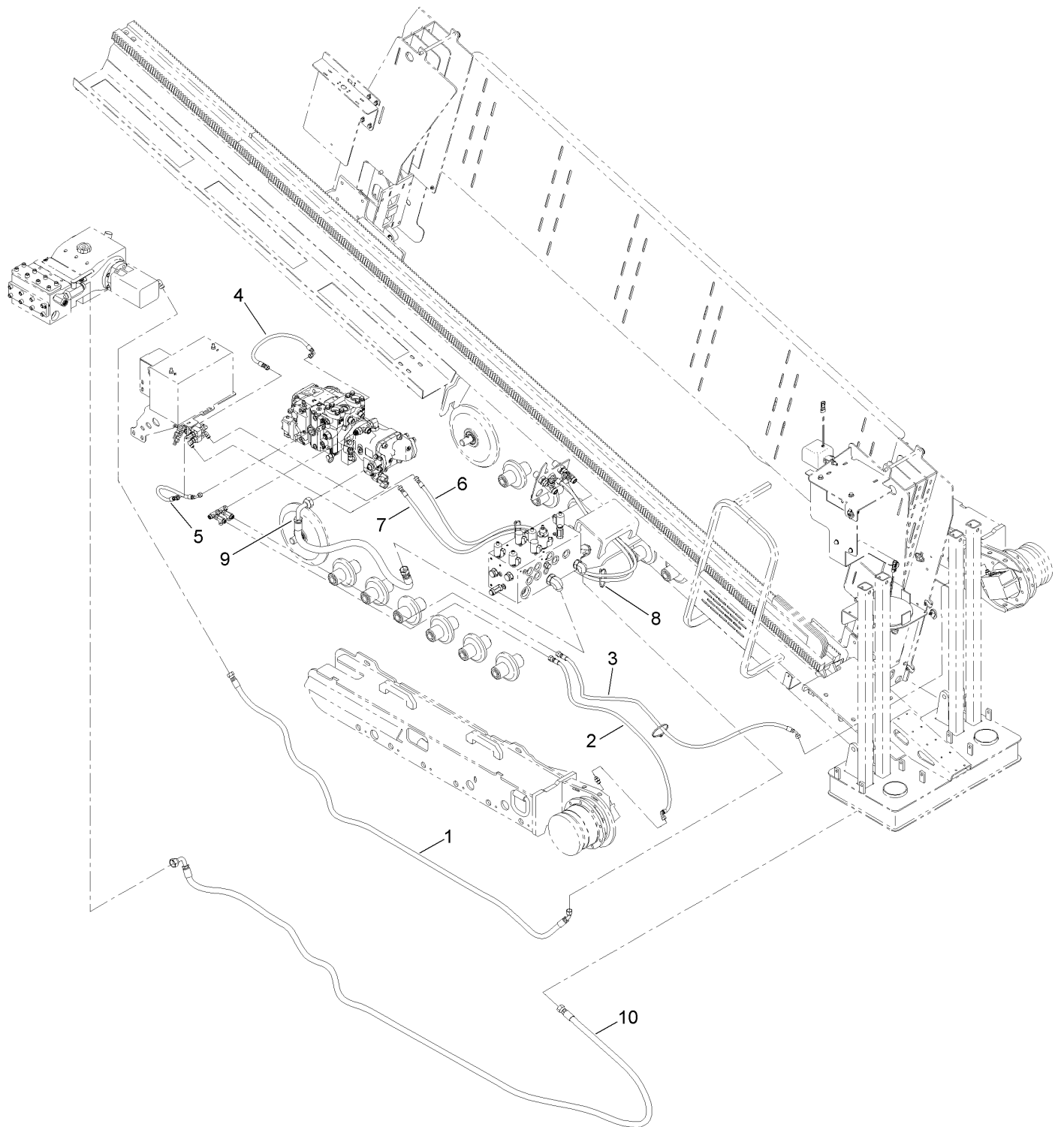


Main Frame Hydraulic Hose Assembly No. 3 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0750	1	Hose ASM
2	127-0751	1	Hose ASM
3	127-0757	1	Hose ASM
4	127-0761	1	Hose ASM
5	AU108645	1	Hose-HYD

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0854	1	Hose ASM
7	AU112950	2	Protector-Hose, 4 Inch
8	3290-379	4	Tie-Cable
9	127-0758	1	Hose ASM

Main Frame Hydraulic Hose Assembly No. 4

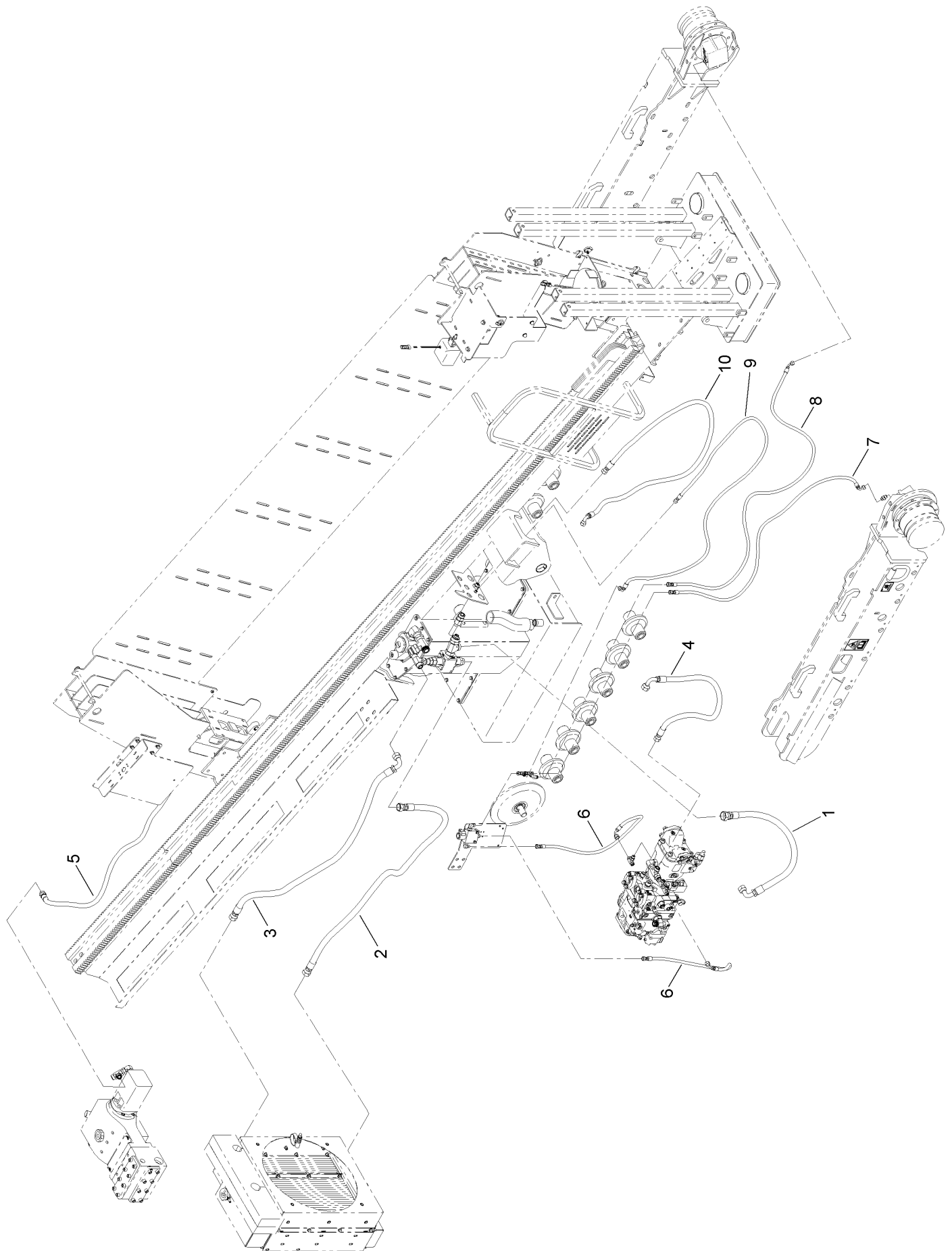


Main Frame Hydraulic Hose Assembly No. 4 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0763	1	Hose ASM
2	127-0773	1	Hose ASM
3	127-0774	1	Hose ASM
4	127-0850	1	Hose ASM
5	127-0851	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0852	1	Hose ASM
7	127-0853	1	Hose ASM
8	3290-379	3	Tie-Cable
9	127-0760	1	Hose ASM
10	127-0830	1	Hose ASM

Main Frame Hydraulic Hose Assembly No. 5

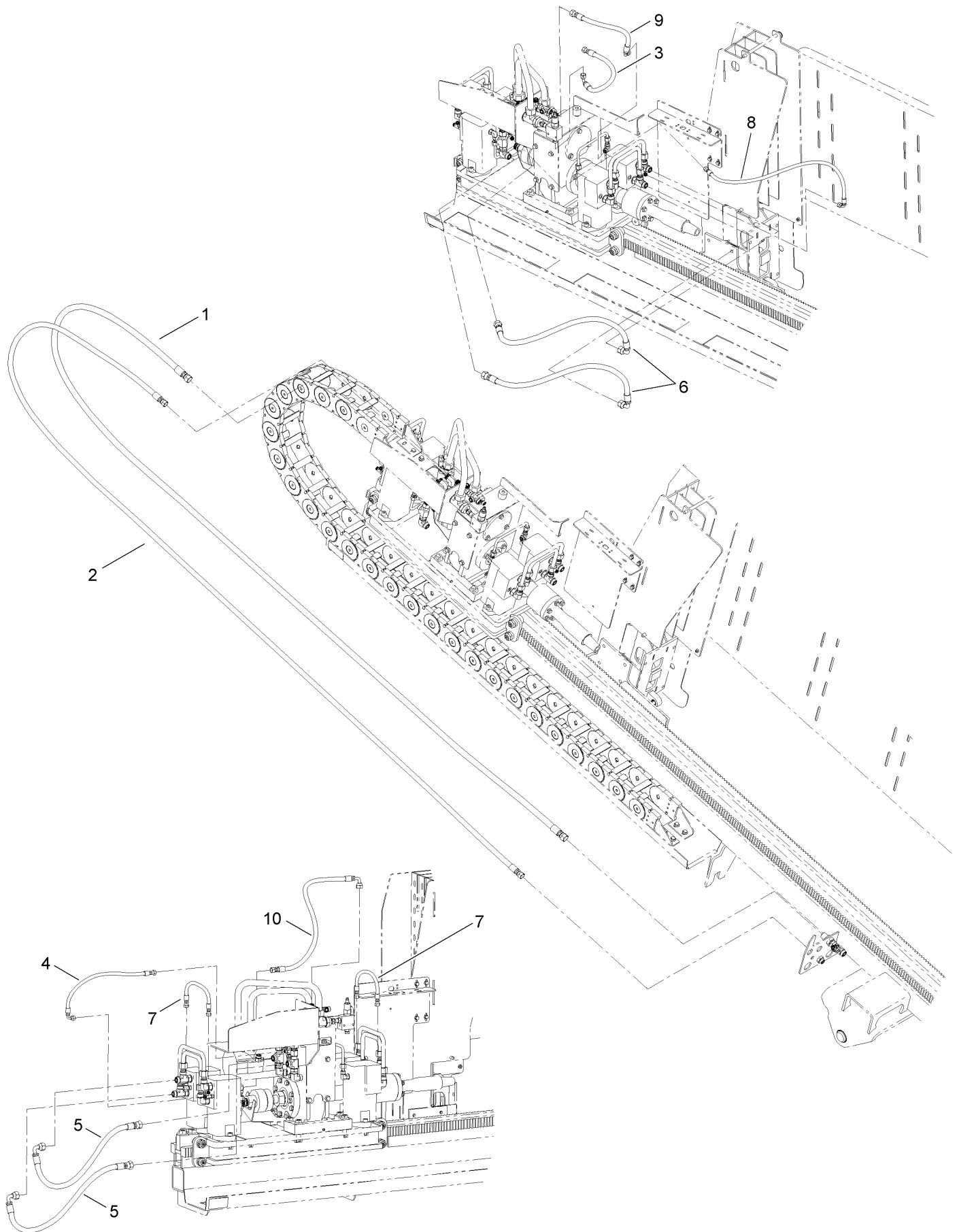


Main Frame Hydraulic Hose Assembly No. 5 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0753	1	Hose ASM
2	127-0755	1	Hose ASM
3	127-0756	1	Hose ASM
4	127-0759	1	Hose ASM
5	127-0764	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0775	2	Hose ASM
7	127-0777	1	Hose ASM
8	127-0778	1	Hose ASM
9	127-0779	1	Hose ASM
10	127-0829	1	Hose ASM

Thrust Frame Hydraulic Hose Assembly No. 1

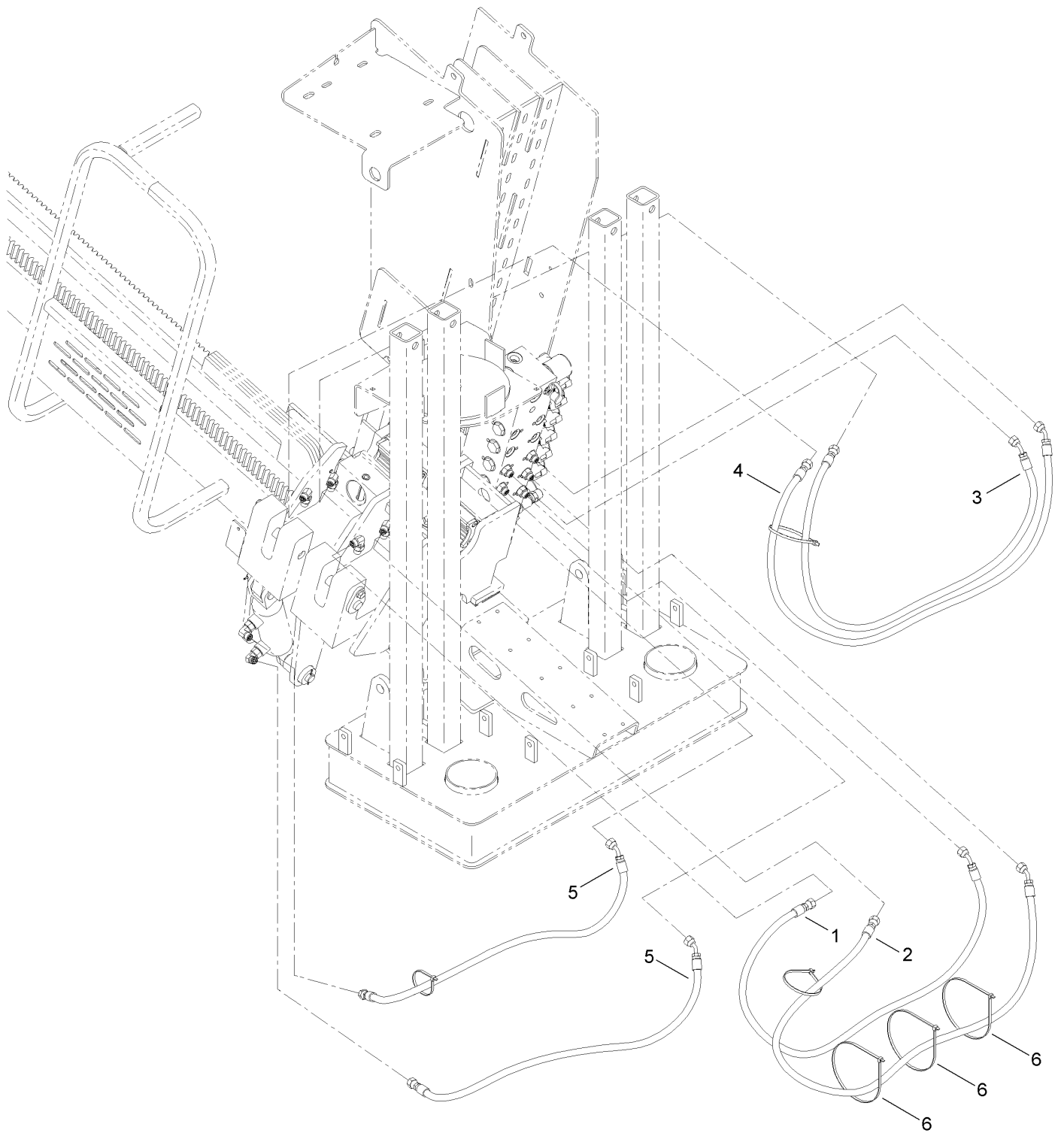


Thrust Frame Hydraulic Hose Assembly No. 1 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0833	1	Hose ASM
2	127-0835	1	Hose ASM
3	127-0837	1	Hose ASM
4	127-0820	1	Hose ASM
5	127-0840	2	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0842	2	Hose ASM
7	127-0845	2	Hose ASM
8	127-0846	1	Hose ASM
9	127-0848	1	Hose ASM
10	127-0849	1	Hose ASM

Thrust Frame Hydraulic Hose Assembly No. 2

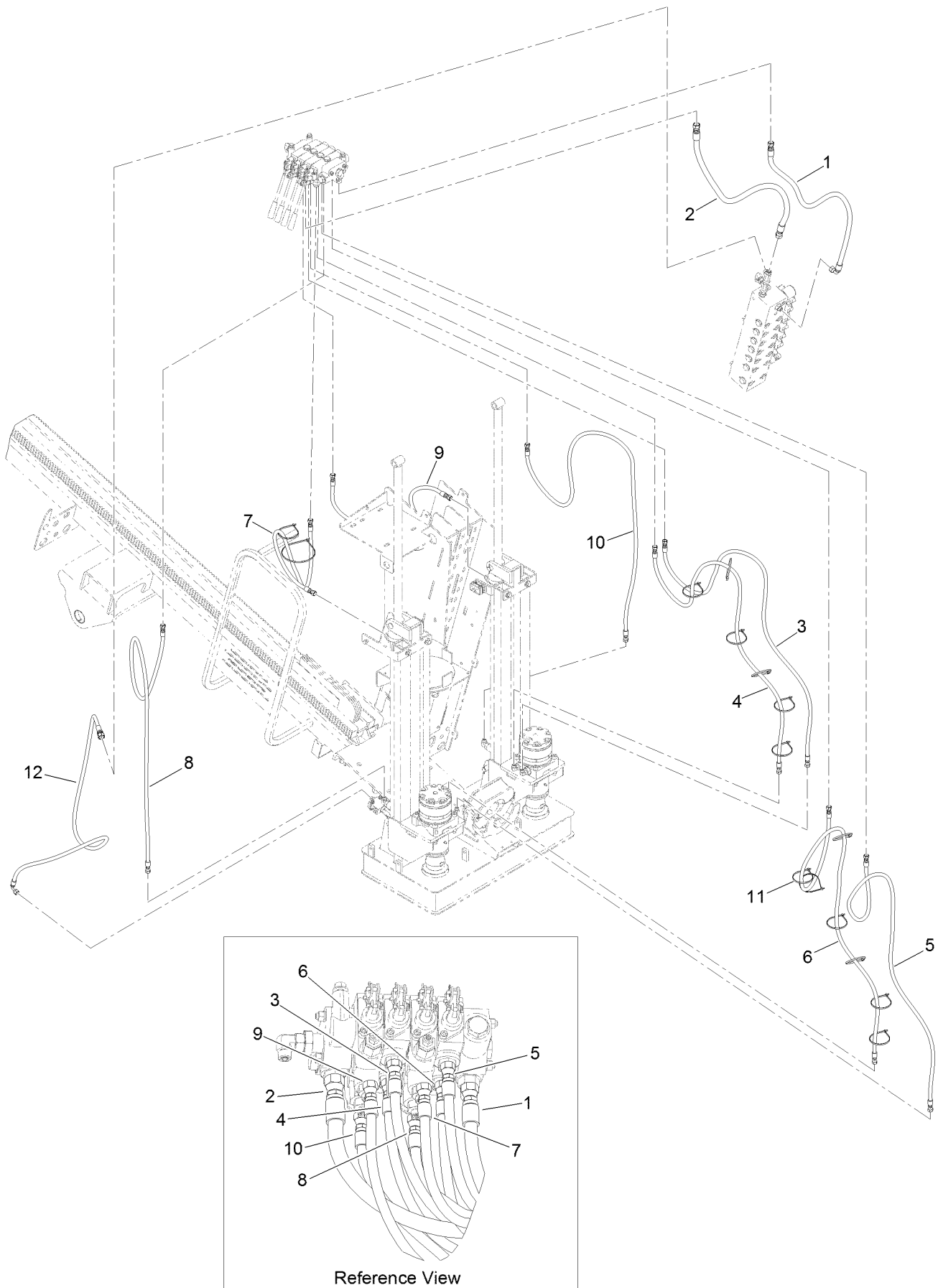


Thrust Frame Hydraulic Hose Assembly No. 2 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0799	1	Hose ASM
2	127-0800	1	Hose ASM
3	127-0801	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	127-0802	1	Hose ASM
5	127-0803	2	Hose ASM
6	3290-379	6	Tie-Cable

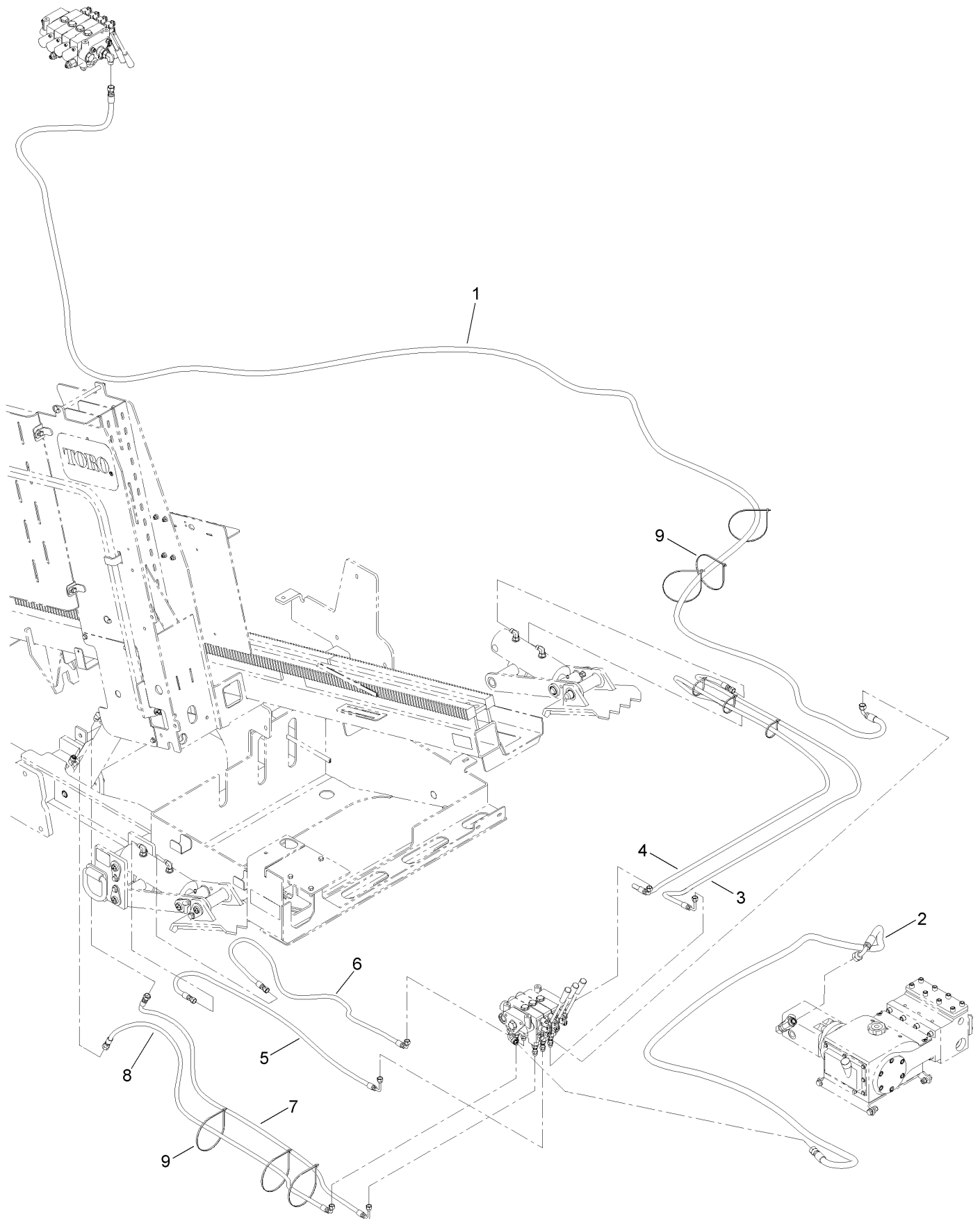
Thrust Frame Hydraulic Hose Assembly No. 3



Thrust Frame Hydraulic Hose Assembly No. 3 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0781	1	Hose ASM	7	127-0788	1	Hose ASM
2	127-0783	1	Hose ASM	8	127-0789	1	Hose ASM
3	127-0784	1	Hose ASM	9	127-0790	1	Hose ASM
4	127-0785	1	Hose ASM	10	127-0791	1	Hose ASM
5	127-0786	1	Hose ASM	11	3290-379	15	Tie-Cable
6	127-0787	1	Hose ASM	12	131-0191	1	Hose ASM

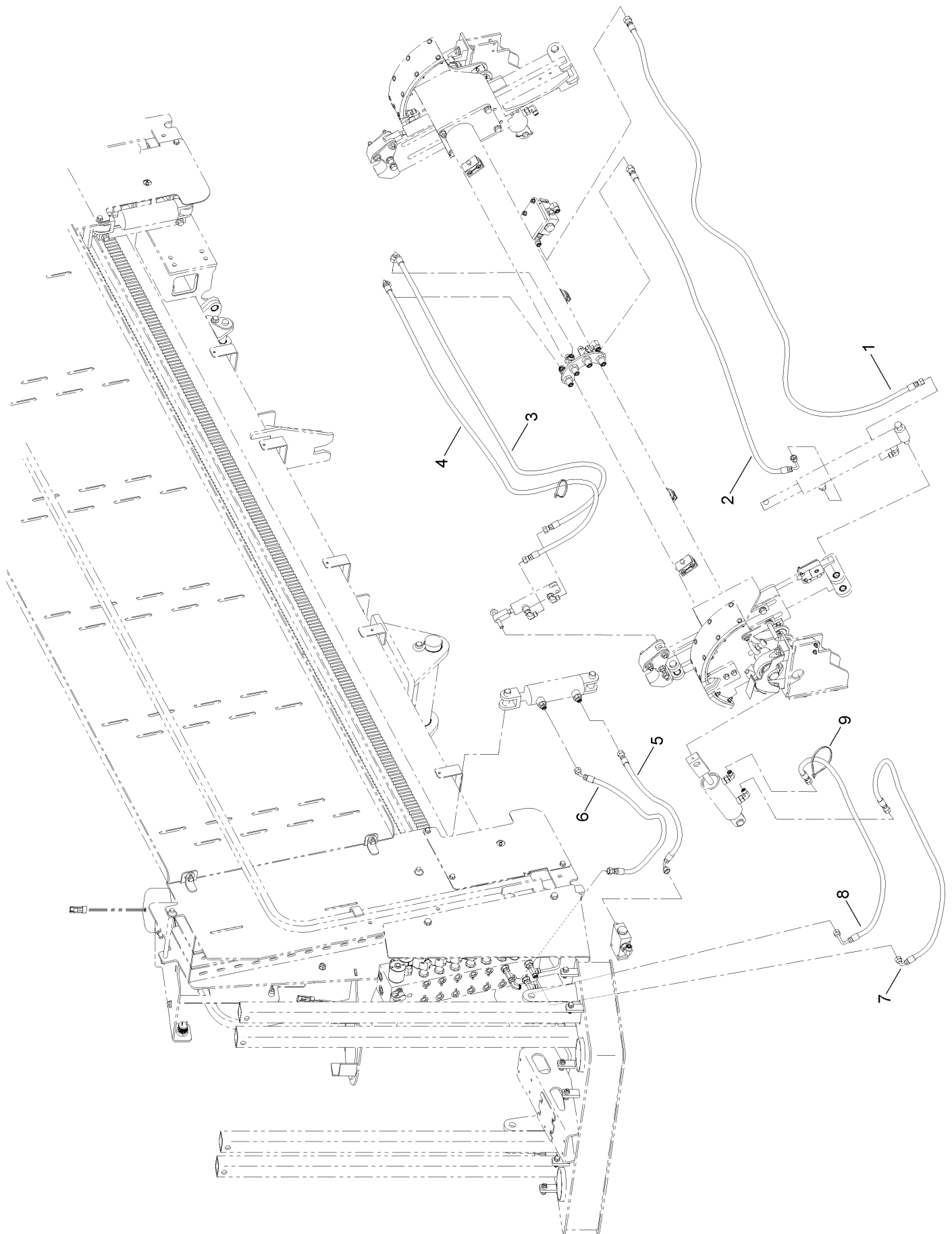
Thrust Frame Hydraulic Hose Assembly No. 4



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	127-0782	1	Hose ASM	6	127-0796	1	Hose ASM
2	127-0792	1	Hose ASM	7	127-0797	1	Hose ASM
3	127-0793	1	Hose ASM	8	127-0798	1	Hose ASM
4	127-0794	1	Hose ASM	9	3290-379	9	Tie-Cable
5	127-0795	1	Hose ASM				

Thrust Frame Hydraulic Hose Assembly No. 5

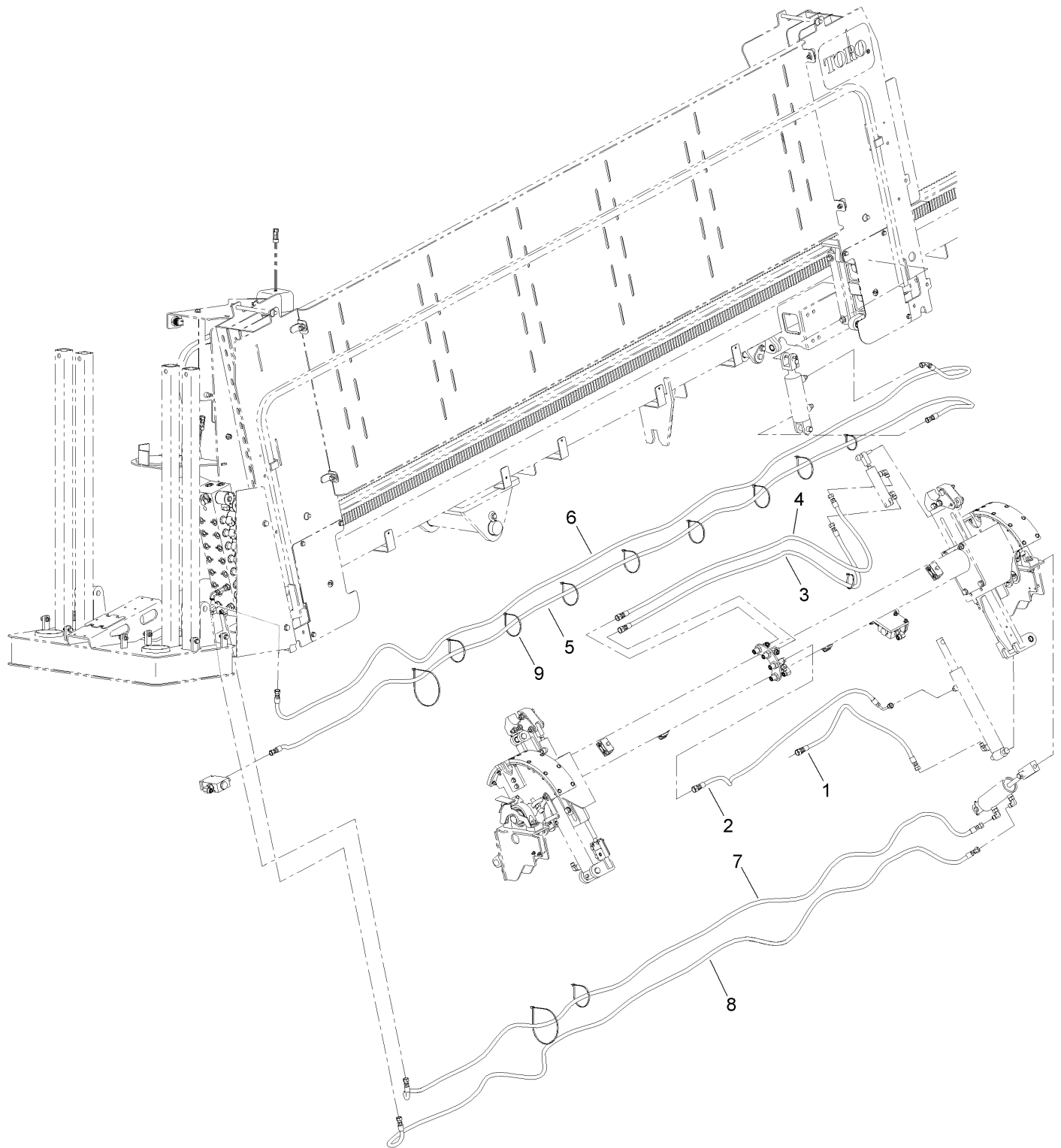


Thrust Frame Hydraulic Hose Assembly No. 5 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0808	1	Hose ASM
2	127-0812	1	Hose ASM
3	127-0814	1	Hose ASM
4	127-0817	1	Hose ASM
5	127-0820	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0823	1	Hose ASM
7	127-0825	1	Hose ASM
8	127-0827	1	Hose ASM
9	3290-379	2	Tie-Cable

Thrust Frame Hydraulic Hose Assembly No. 6

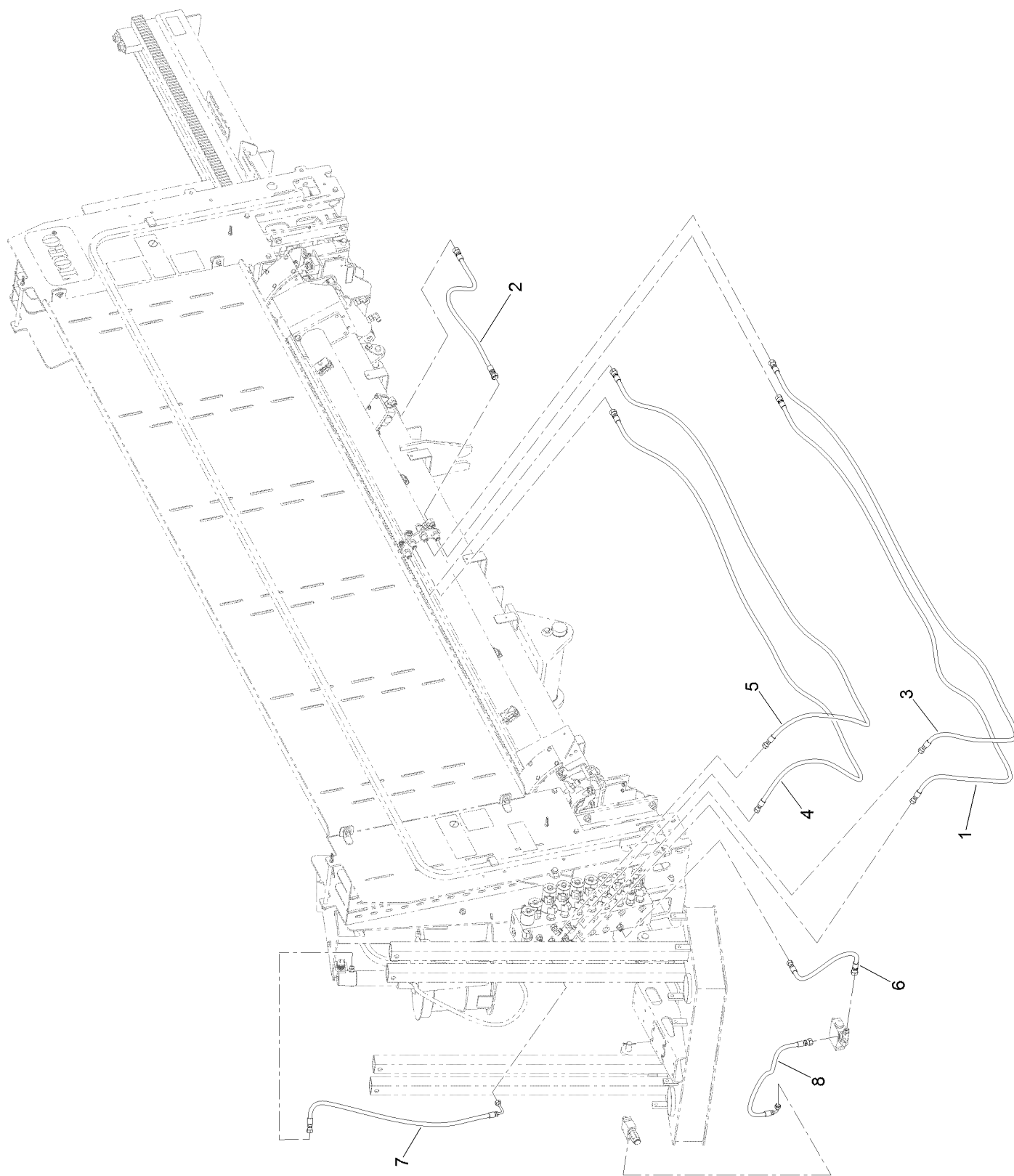


Thrust Frame Hydraulic Hose Assembly No. 6 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0809	1	Hose ASM
2	127-0811	1	Hose ASM
3	127-0815	1	Hose ASM
4	127-0818	1	Hose ASM
5	127-0821	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0822	1	Hose ASM
7	127-0824	1	Hose ASM
8	127-0826	1	Hose ASM
9	3290-379	12	Tie-Cable

Thrust Frame Hydraulic Hose Assembly No. 7

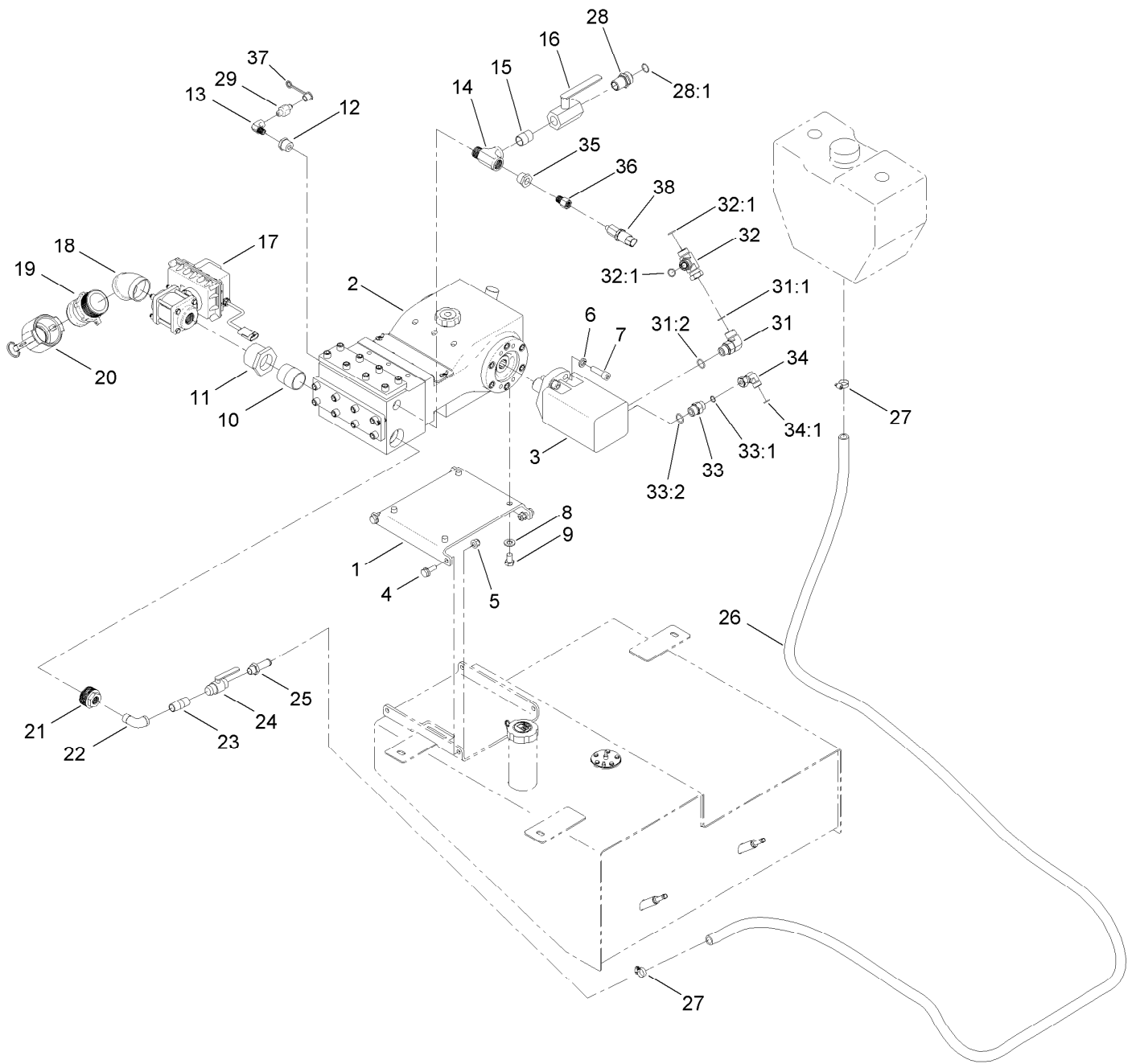


Thrust Frame Hydraulic Hose Assembly No. 7 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0806	1	Hose ASM
2	127-0807	1	Hose ASM
3	127-0810	1	Hose ASM
4	127-0813	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	127-0816	1	Hose ASM
6	127-0819	1	Hose ASM
7	127-0828	1	Hose ASM
8	131-0192	1	Hose ASM

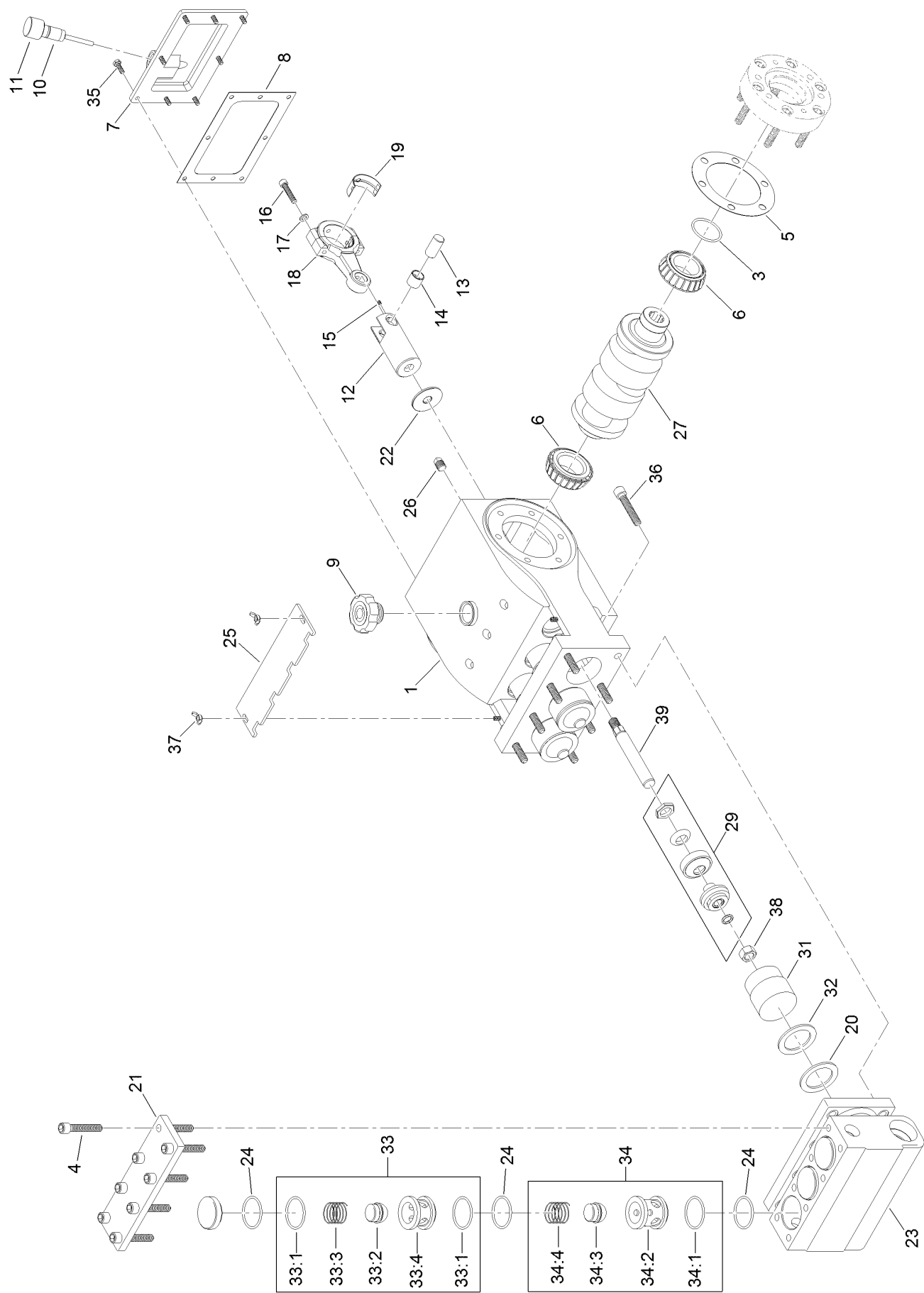
Mud Pump and Valve Assembly



Mud Pump and 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	AU111010-03	1	Plate-Mount, Mud Pump	23	AU221-1190	1	Nipple-Pipe
2	127-5314	1	Mud Pump ASM	24	AU8HV21008	1	Valve-Ball
3	AU8HM24061	1	HYD Motor ASM	25	AU113726	1	Adapter
4	33105-030	4	Screw-HHF	26	125-4531	1	Hose-Coolant
5	103-9511	4	Nut-Lock, NI	27	2412-119	2	Clamp-Hose, Worm Drive
6	3253-7	4	Washer-Lock	28	AU8OA11212	1	Fitting-Straight
7	AU864-12040	4	Screw-HSH	28:1	237-58	1	O-Ring
8	106-9888	4	Washer-Flat	29	AU8QD55204	1	Nipple-Quick Disconnect
9	AU426-812	4	Bolt-Hex Head	31	340-17	1	Fitting-HYD, 90 DEG
10	AU65-CI-1988	1	Nipple-Pipe	31:1	237-65	1	O-Ring
11	AU65-CI-1747	1	Bushing-Reducer	31:2	237-80	1	O-Ring
12	AU221-91	1	Bushing-Reducer	32	340-147	1	Fitting-HYD, Tee
13	AU8PE48004	1	Fitting-Elbow, 90	32:1	237-65	2	O-Ring
14	AU0PT40003	1	Fitting-Tee	33	1-603779	1	Fitting
15	AU221-1211	1	Nipple-Straight	33:1	237-30	1	O-Ring
16	AU8HV23012	1	Valve-Ball	33:2	237-80	1	O-Ring
17	AU6HV29033	1	2 Inch Ball Valve ASM (Electric)	34	94-6031	1	Fitting-HYD
18	AU8PE15032	1	Elbow-Pipe, 45 DEG	34:1	237-30	1	O-Ring
19	AU110378	1	Adapter-Male	35	AU221-92	1	Bushing-Reducer
20	AU110379	1	Cap-Disconnect, Quick	36	AU8SA20606	1	Fitting-Straight
21	AU8PB12408	1	Bushing-Pipe, Reducer	37	130-4503	1	Cap-Dust
22	2811-9	1	Fitting-Elbow, 90 DEG	38	125-6578	1	Transducer-6000 Psi (W/Isolator)

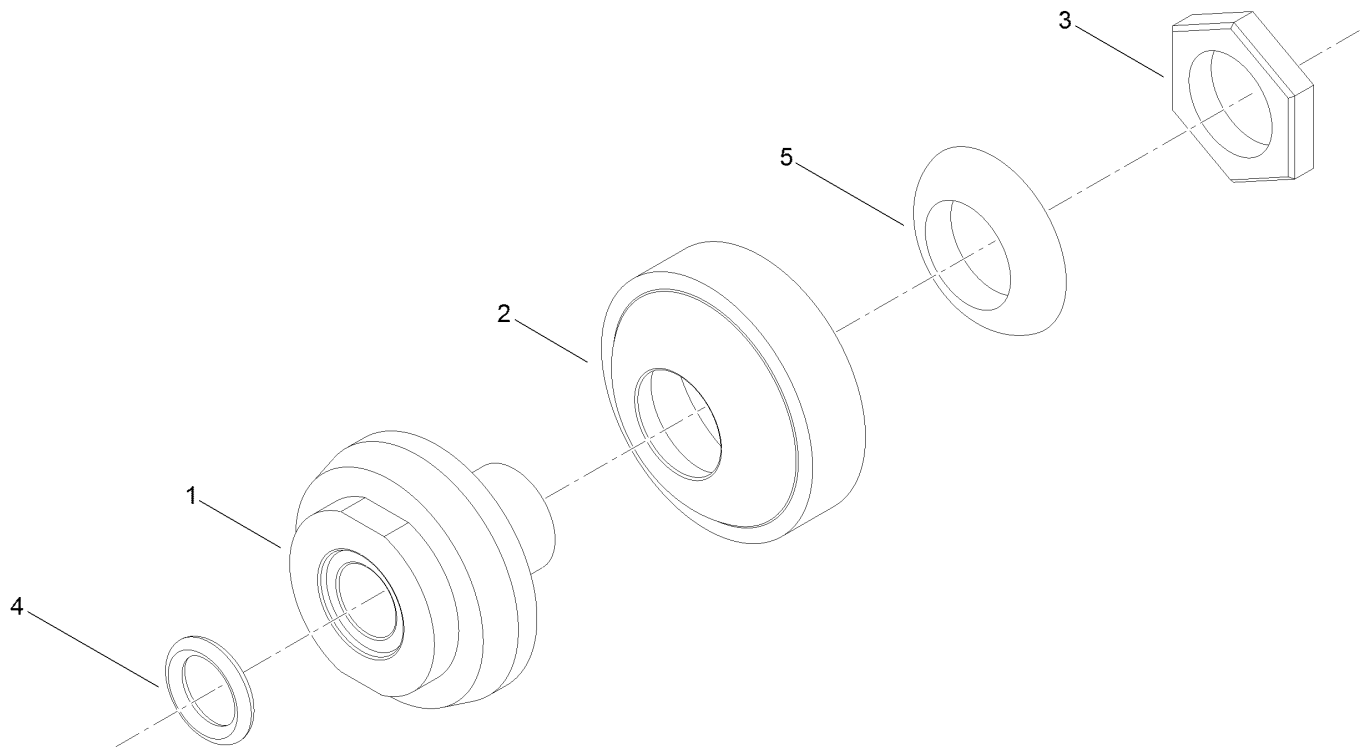
Mud Pump Assembly No. 127-5314



Mud Pump Assembly No. 127-5314 (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	131-0080	1	Case-Pump	23	131-0069	1	Ductile-End, Fluid
3	131-0063	1	Seal-Oil, Crankshaft	24	132-5698	9	O Ring-Seat, Valve
4	131-0066	8	Capscrew	25	131-0084	1	Cover-Chamber, Piston
5	132-4196	1	Shim-Adjusting, Main Bearing	26	131-0077	1	Plug-Drain, Oil
5	132-5691	1	Shim-Bearing, Main (.015)	27	132-4195	1	Crankshaft-Drive, Splined
5	132-5692	1	Shim-Bearing, Main (.010)	29	AU112488	3	HSN Piston Kit
6	132-4197	2	Bearing-Main	29	AU112490	3	Gold Piston Kit
7	131-0078	1	Cover-Pan	31	131-0028	3	Liner-Piston, Chrome
8	131-0064	1	Gasket-Cover, Pan	31	AU112487	3	Liner-Piston, Ceramic
9	131-0083	1	Cap-Breather, Oil Filler	32	131-0070	3	Gasket-Liner
10	132-4199	1	Vent-Case, Pump	33	AU112483	3	Discharge Valve ASM
11	131-0079	1	Dipstick-Filler, Oil	33:1	AU112481	2	O Ring-Seat, Valve
12	131-0072	3	Crosshead	33:2	AU112480	1	Valve-Body
13	131-0073	3	Pin-Wrist	33:3	AU112479	1	Spring-Valve
14	131-0074	3	Bushing-Pin, Wrist	33:4	AU112482	1	Seat-Valve, Discharge
15	132-4198	6	Screw-Set, Wrist Pin	34	AU112485	3	Suction Valve ASM
16	131-0081	6	Capscrew-Rod, Connecting	34:1	AU112481	1	O Ring-Seat, Valve
17	131-0082	6	Washer-Capscrew, Connecting Rod	34:2	AU112484	1	Seat-Valve, Suction
18	131-0076	3	Rod-Connecting	34:3	AU112480	1	Valve-Body
19	131-0062	6	Bearing-Insert, Connecting Rod	34:4	AU112479	1	Spring-Valve
20	131-0065	3	Seal-Oil, Crosshead	35	132-5669	8	Capscrew-Cover, Pan
21	131-0067	1	Coverplate-Plug	36	132-5699	20	Capscrew-Fluid, End
22	132-5706	3	Washer-Plunger	37	132-5689	2	Nut-Wing, Inspection Cover
				38	136-1631	3	Nut-Lock, Piston Rod
				39	AU112489	3	Rod-Extension, Piston

HSN Ceramic Run-Dry Piston Assembly No. AU112488



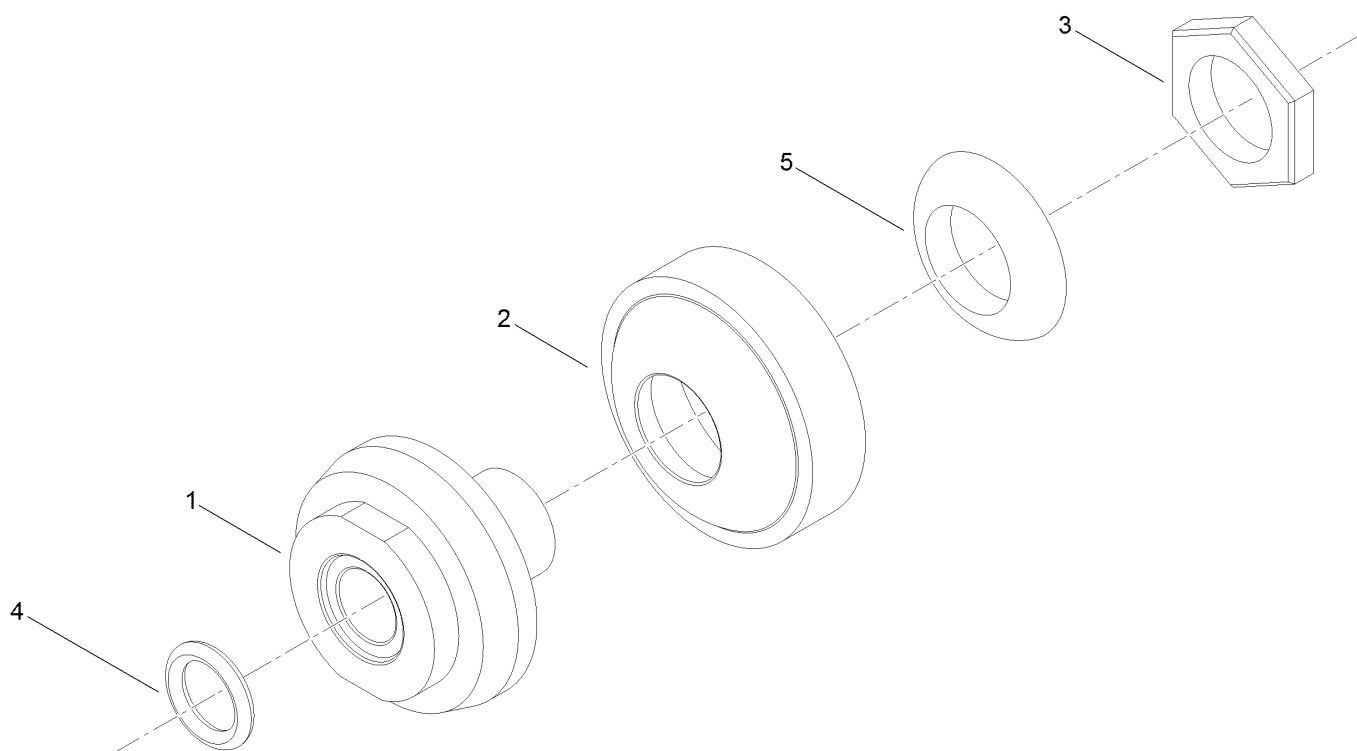
HSN Ceramic Run-Dry Piston

Assembly No. AU112488 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-5707	1	Body-Piston
2	131-0026	1	Cup-Piston, HSN
3	132-5708	1	Nut-Jam, Hex

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	132-5697	1	O Ring-Body, Piston
5	132-5704	1	Retainer-Cup, Piston

Gold Chrome Piston Assembly No. AU112490

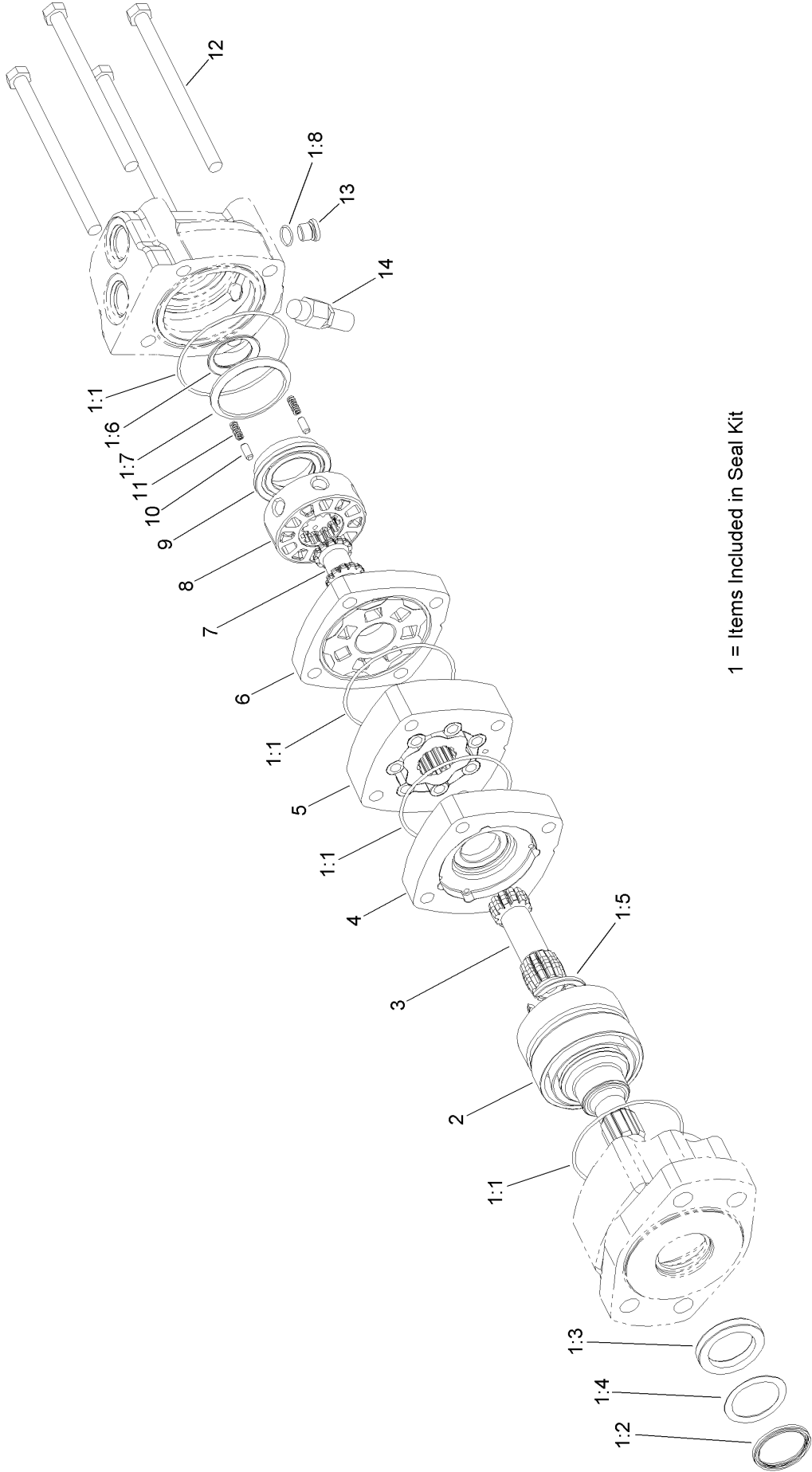


Gold Chrome Piston Assembly No. AU112490 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-5707	1	Body-Piston
2	AU112497	1	Cup-Piston, Gold
3	132-5708	1	Nut-Jam, Hex

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	132-5697	1	O Ring-Body, Piston
5	132-5704	1	Retainer-Cup, Piston

Hydraulic Motor Assembly No. AU8HM24061

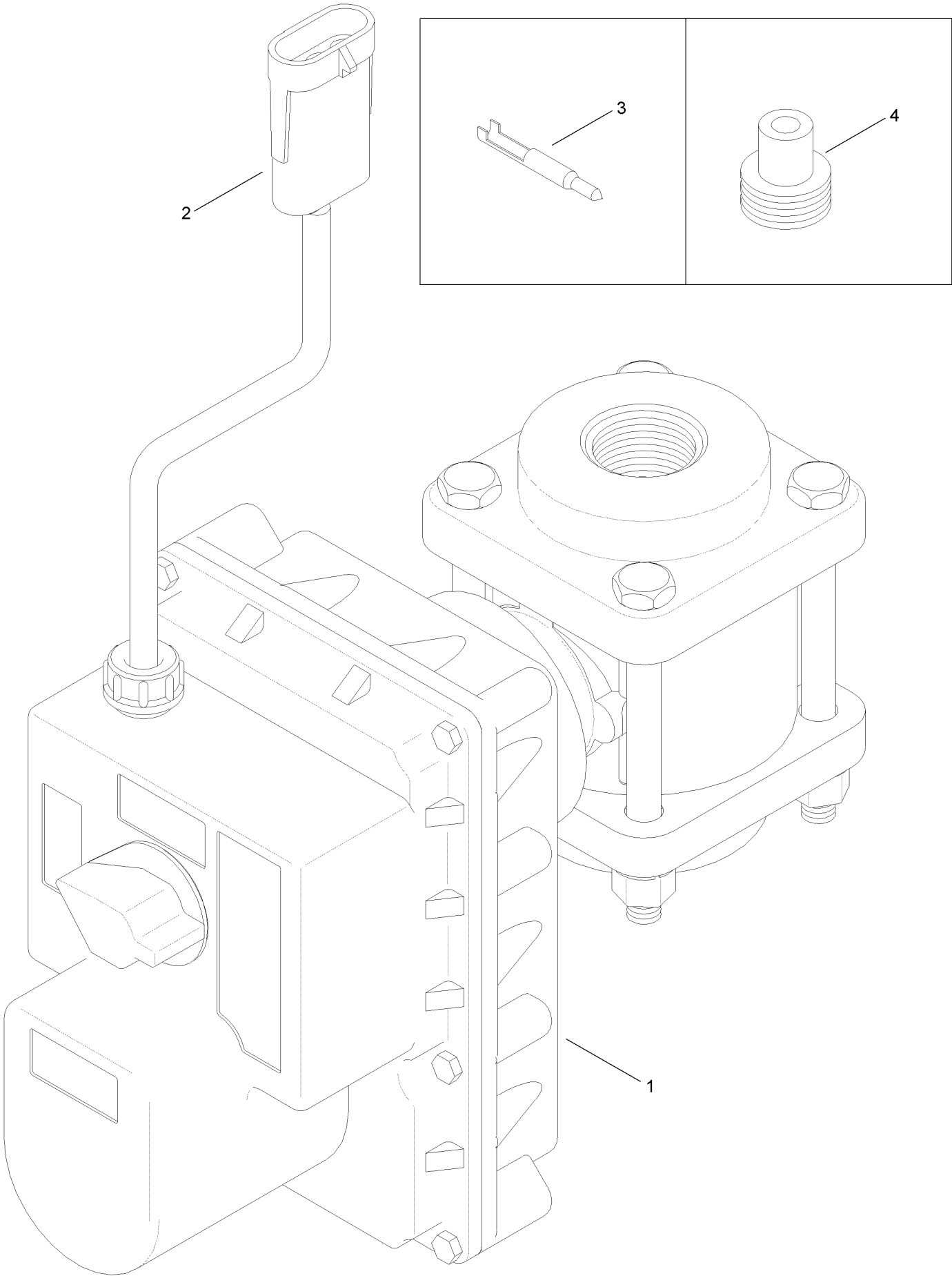


Hydraulic Motor Assembly No. AU8HM24061 (continued)

<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	56-6890	1	Seal Kit	4		1	Plate-Wear ●
1:1		4	Seal ●	5		1	Geroler Sub ASM ●
1:2		1	Exclusion Seal ●	6		1	Plate-Valve ●
1:3		1	Outer Face Seal ●	7	36-6260	1	Drive-Valve
1:4		1	Inner Face Seal ●	8		1	Valve ●
1:5		1	Shaft Face Seal ●	9	105-8147	1	Plate-Balancing
1:6		1	Shaft Seal ●	10	105-8148	2	Pin
1:7		1	Back-Up Washer ●	11	33-3410	2	Spring
1:8	105-8145	1	O-Ring ●	12	92-6075	4	Bolt
2		1	Shaft Sub ASM ●	13	33-3580	1	Plug ASM
3		1	Drive	14	AU126292	1	Sensor-Speed

● Not serviced separately

2 Inch Ball Valve Assembly No. AU6HV29033

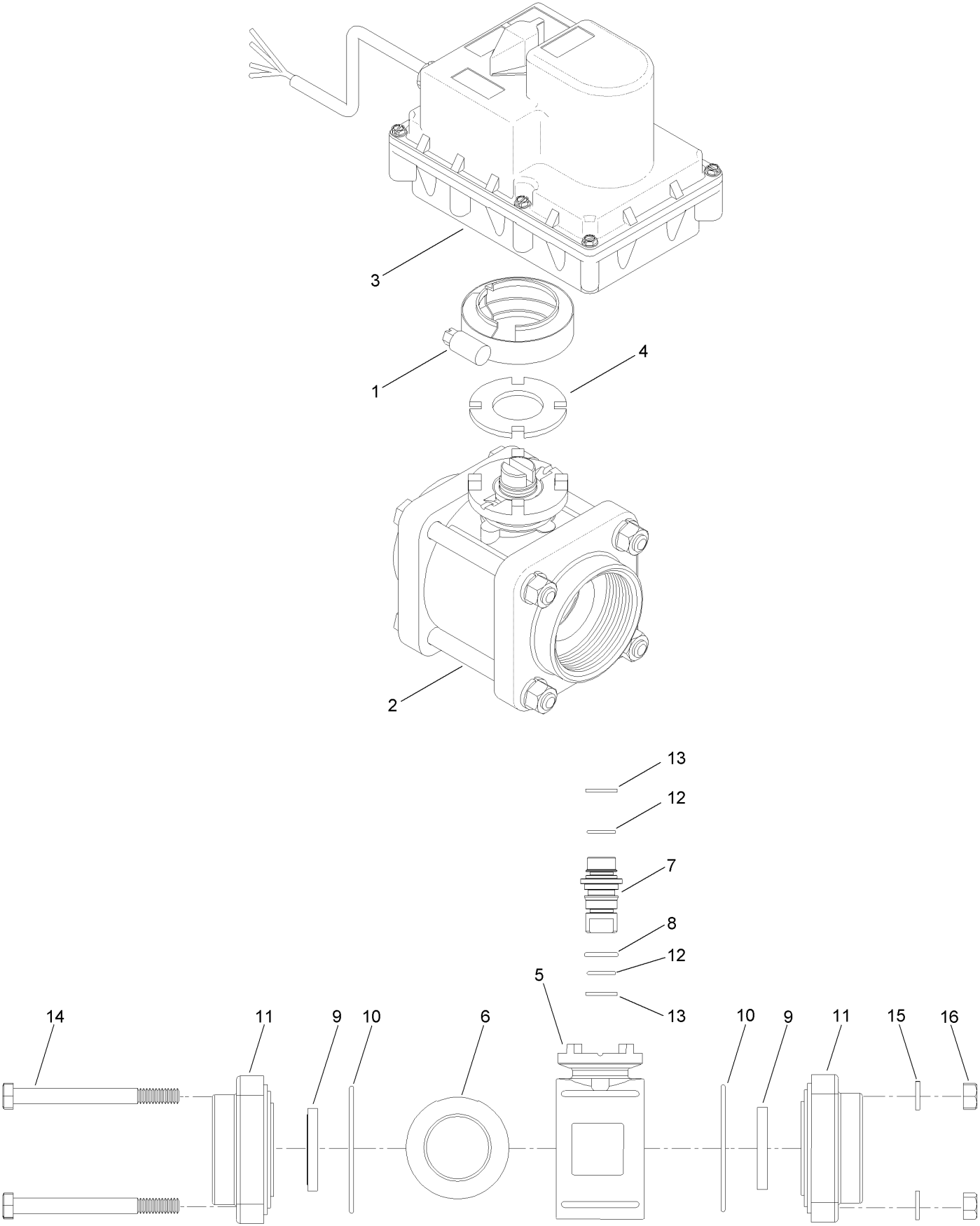


2 Inch Ball Valve Assembly No. AU6HV29033 (continued)

<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

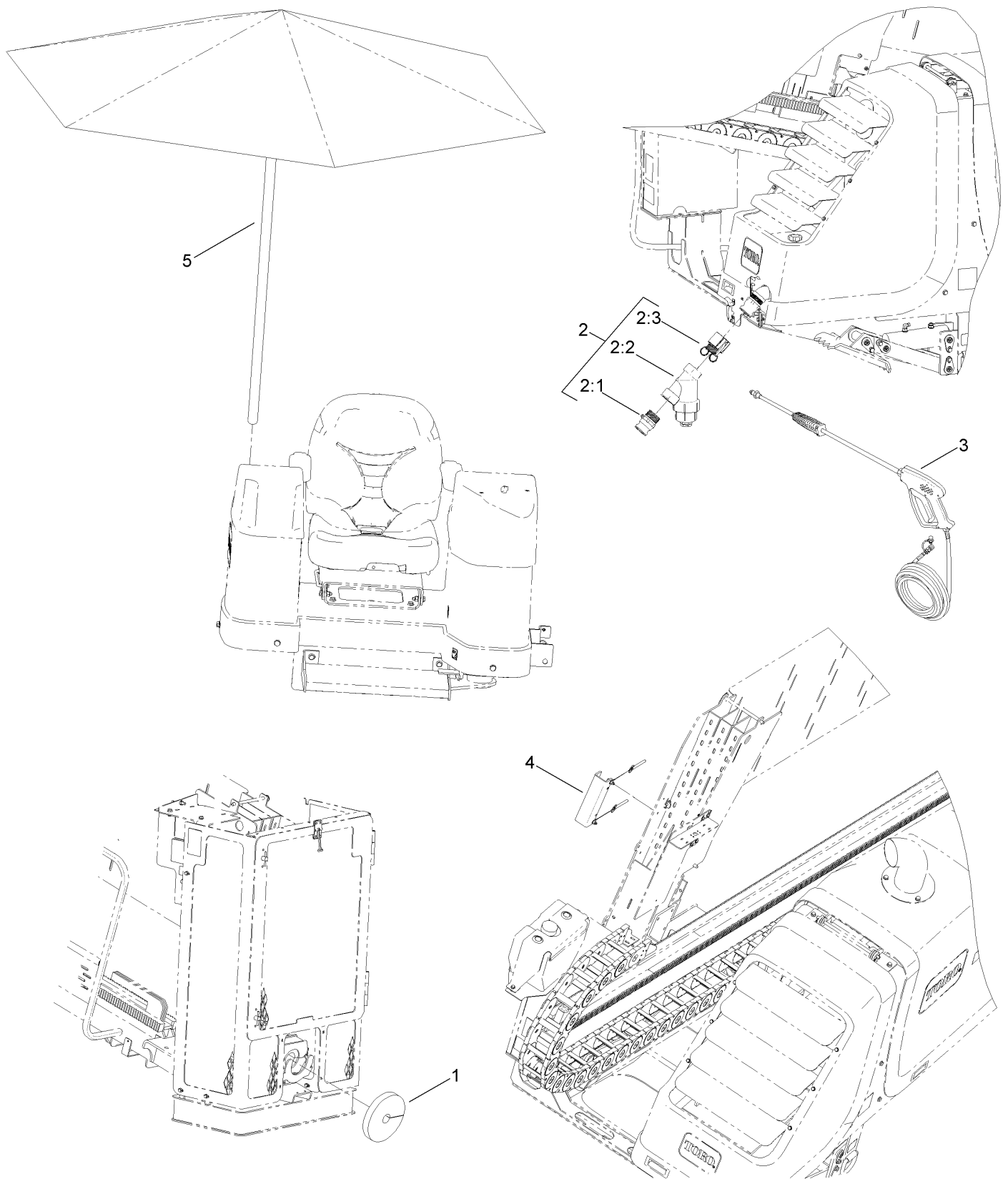


Water Shutoff Valve Assembly No. AU8HV29033 (continued)

<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

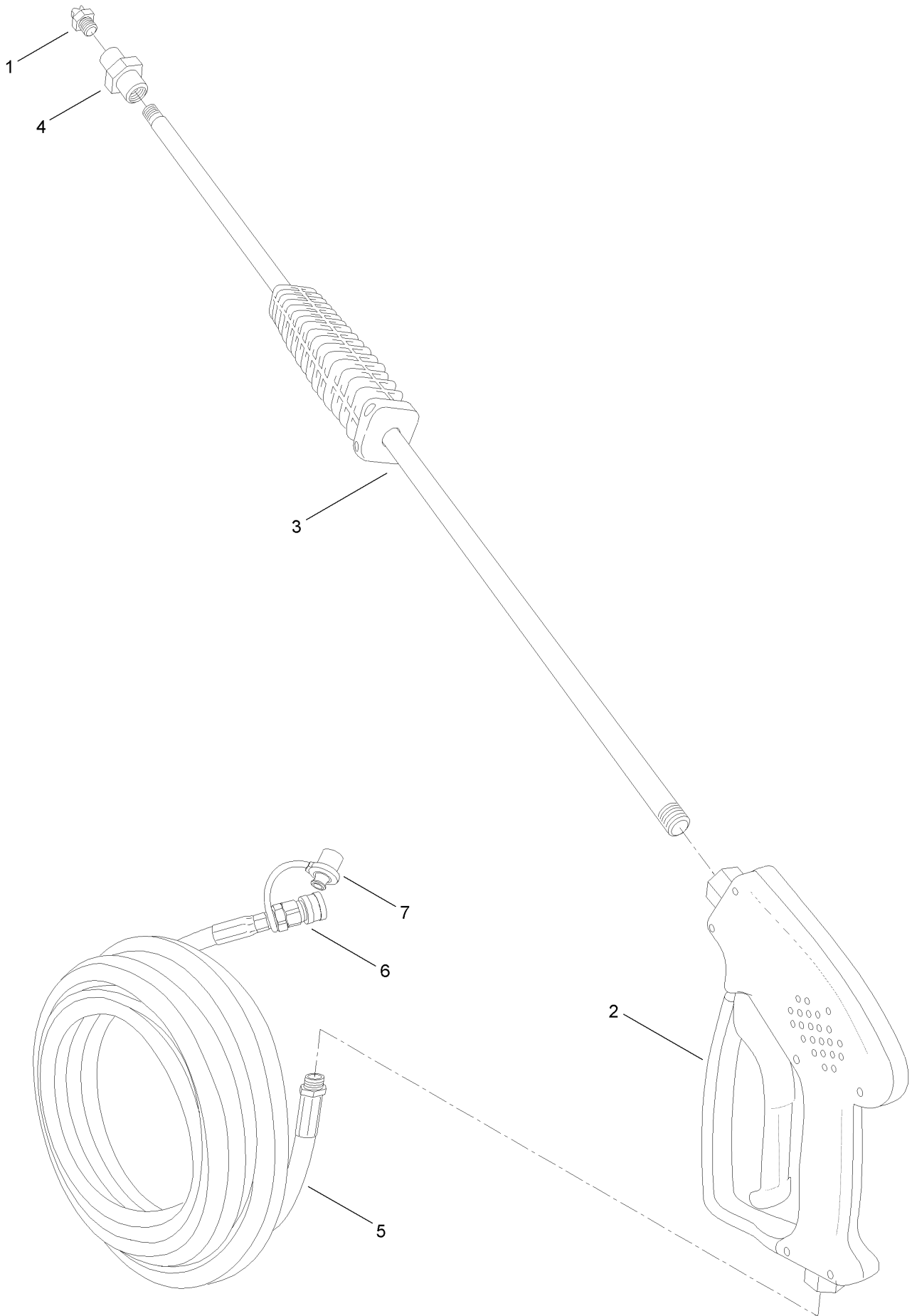
Wash Wand, Umbrella, Cylinder Lockout, Strainer and Split Wiper Assembly



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	AU01DT0018	1	Wiper-Pipe, 1.87 Special-Split	2:3	AU8CH21332	1	Fitting-Camlok, 2 Inch (Female)
2	AU32GB1215	1	2 Inch Strainer Kit	3	127-0991	1	Wash Down Wand ASM
2:1	AU110378	1	Adapter-Male	4	AU114335	1	Cylinder Lockout ASM
2:2	AU8FL10017	1	Y-Strainer, 2 NPTF (6 Mesh Screen)	5	127-5273	1	Umbrella-Toro

Wash Down Wand Assembly No. 127-0991

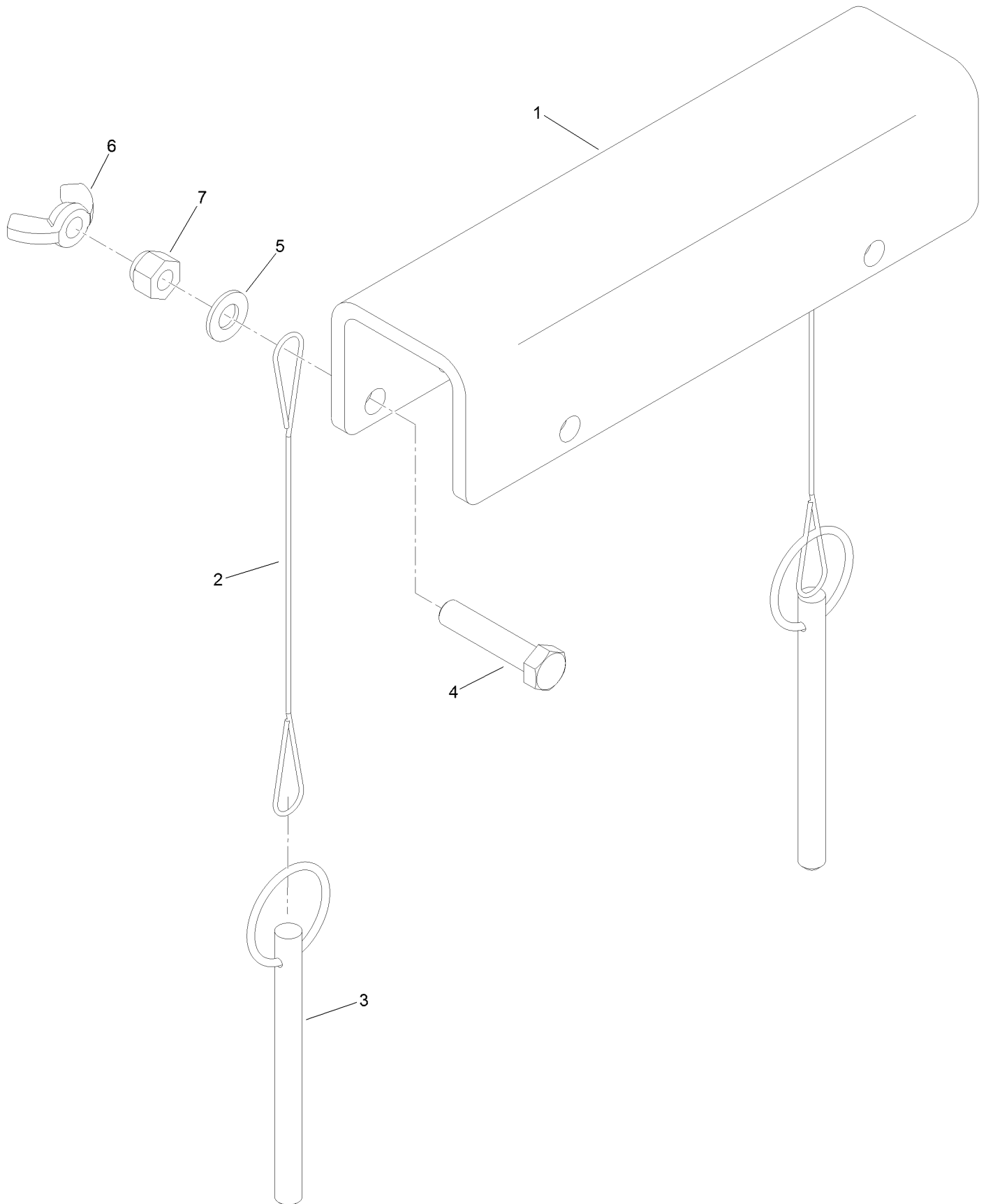


Wash Down Wand Assembly No. 127-0991 (continued)

<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

Cylinder Lockout Assembly No. AU114335



Cylinder Lockout Assembly No. AU114335 (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	AU112723-01	1	Plate-Lockout, Tilt Cylinder	5	3256-45	2	Washer-Flat
2	AU114334	2	Lanyard-Tether, Pin	6	1-543678	2	Wingnut
3	AU109760	2	Pin-Retaining	7	3296-39	2	Nut-Lock, NI
4	323-53	2	Screw-HH				

Attachments and Accessories

For 23800TE 2024 Directional Drill

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
Engine Oil Filter	115-8868
Filter-Engine, Air Safety	115-8877
Filter-Engine, Air Primary	115-8887
Premium Engine Oil 15w40 (5 Gallon Pail)	121-6395
Oil-15w40 (1 Quart)	127-3244
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
2.06in Firestick Box, 2in RAMON Box LE	127-4325
3.5in OD, 2.5in Hex ID Collar	127-4326
3in Sonde Housing	127-4327
2in RAMON Pin, 3in Rotolock Box	127-4328
RAM 3.5in Claw Bit	127-4330
RAM 3.5in Taper Bit	127-4331
RAM 3.5in Button Bit	127-4334
Direct Bore Housing, 2in IF Box, Rotolo	127-4336
Direct Bore 1, 4in, 2in IF Pin	127-4338
6in Clay Reamer	127-4352
8in Clay Reamer	127-4353
4.5in Fluted Reamer	127-4354
6in Fluted Reamer	127-4355
8in Wing Reamer	127-4356
10in Wing Reamer	127-4357
Pulling Eye-12 Ton (2in Reamer)	127-4358
Pulling Eye-12 Ton (2.38in Reamer)	127-4359
Front Coupler, 2in Pin	127-4360
Front Coupler, 2.38in Pin	127-4361
Pullback Swivel (22,000lbs)	127-4362
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 3in Rock Bit-Hard	127-4371
RP for 3in Rock Bit-General	127-4373

Attachments and Accessories (continued)

Hex Collar-hard Surface	127-4395
Paddle Bit - 3.5in Sharp Shooter, 3in w/hole	127-4397
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-5 Iron Claw, 3.5 SH w/hole.....	127-4404
Paddle Bit - 3.5in Button Bit, 3in SH w/hole	127-4406
Paddle Bit - 4in Button Bit, 3.5in SH w/hole	127-4408
Paddle Bit - 5in Button Bit, 3.5in SH w/hole	127-4409
SONDE Housing - 3.125in INCREDIBIT	127-4410
Rock Bit - 3in Standard	127-4411
Rock Bit - 3in Aggressive	127-4412
RP 1526/1528, EXTReam Teeth w/Round Point.....	127-4414
Sonde Housing - 3 Endurance, 3 Rotolock	127-4415
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
Standard Transmitter Battery End Cap	127-4657

Attachments and Accessories (continued)

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
Filter-Tank, Hydraulic.....	127-5328
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
SH 3 DW 5 Bolt 3in Rotolock	130-3037
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 .38in 16x1.25 Pellet 2.75 & 3in Rock Bit	130-3167
SHCS 0.50-13x1.25in Pellet 3.5in Bit1 DBK	130-3169
SHCS 12MM-1.75MM X 1 (3230 SH)	130-3170
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	131-9018
Dirt Stakes	23802E
Rock Stakes	23804E
Stake Down Guards, 2024 Directional Drill	23805E
40-count Drill Pipe	23806E
Air Hammer Adapter Kit.....	23808E

Attachments and Accessories (continued)

Dirt Stakes, 2024 Directional Drill	23812E
Rock Stakes, 2024 Directional Drill.....	23813E
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
250 Hour Preventive Maintenance Parts Kit	AU116341
Filter-Hydraulic, Charge.....	AU8FL20024-1
Filter-Fuel	AU8NG10019-23
Filter-Inline Fuel	AU8NG10019-24

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Count on it.