



Form No. 3382-754 Rev B

Count on it.

Parts Catalog

2024 Directional Drill

Model No. 23800TE—Serial No. 314000001 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HP: high pressure

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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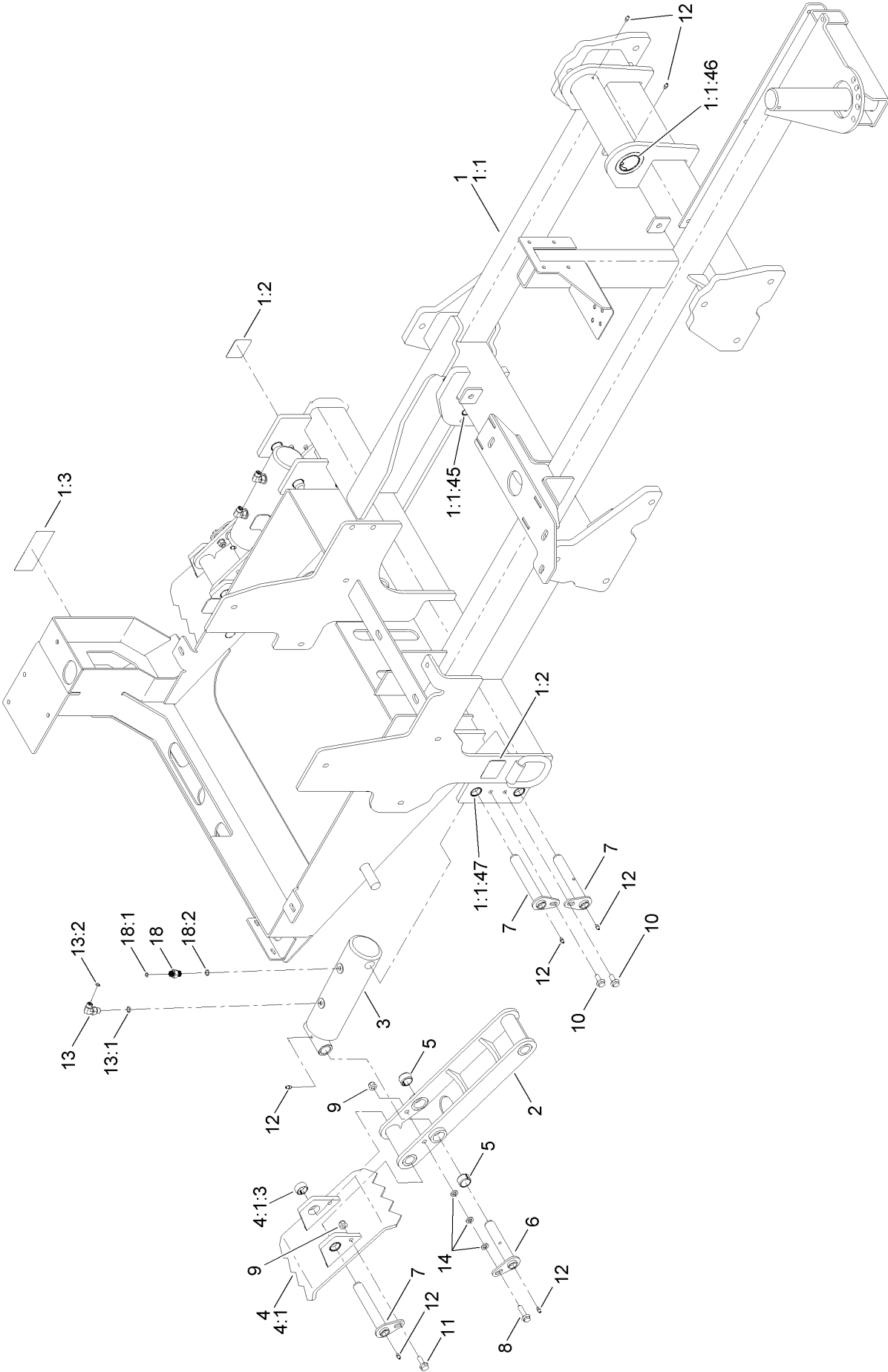
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Main Frame and Stabilizer Assembly

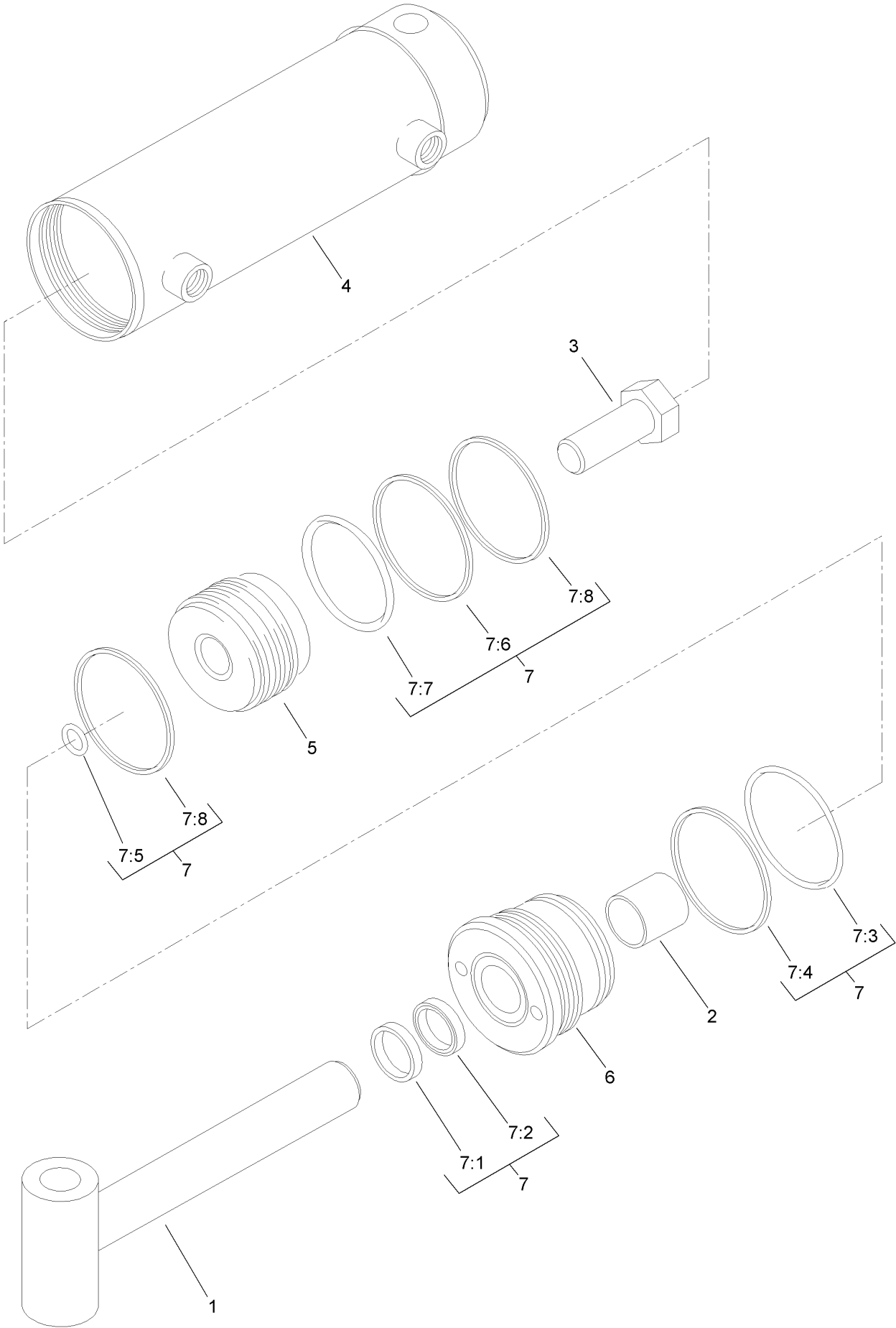


Main Frame and Stabilizer Assembly (continued)

<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	Adapter ASM
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



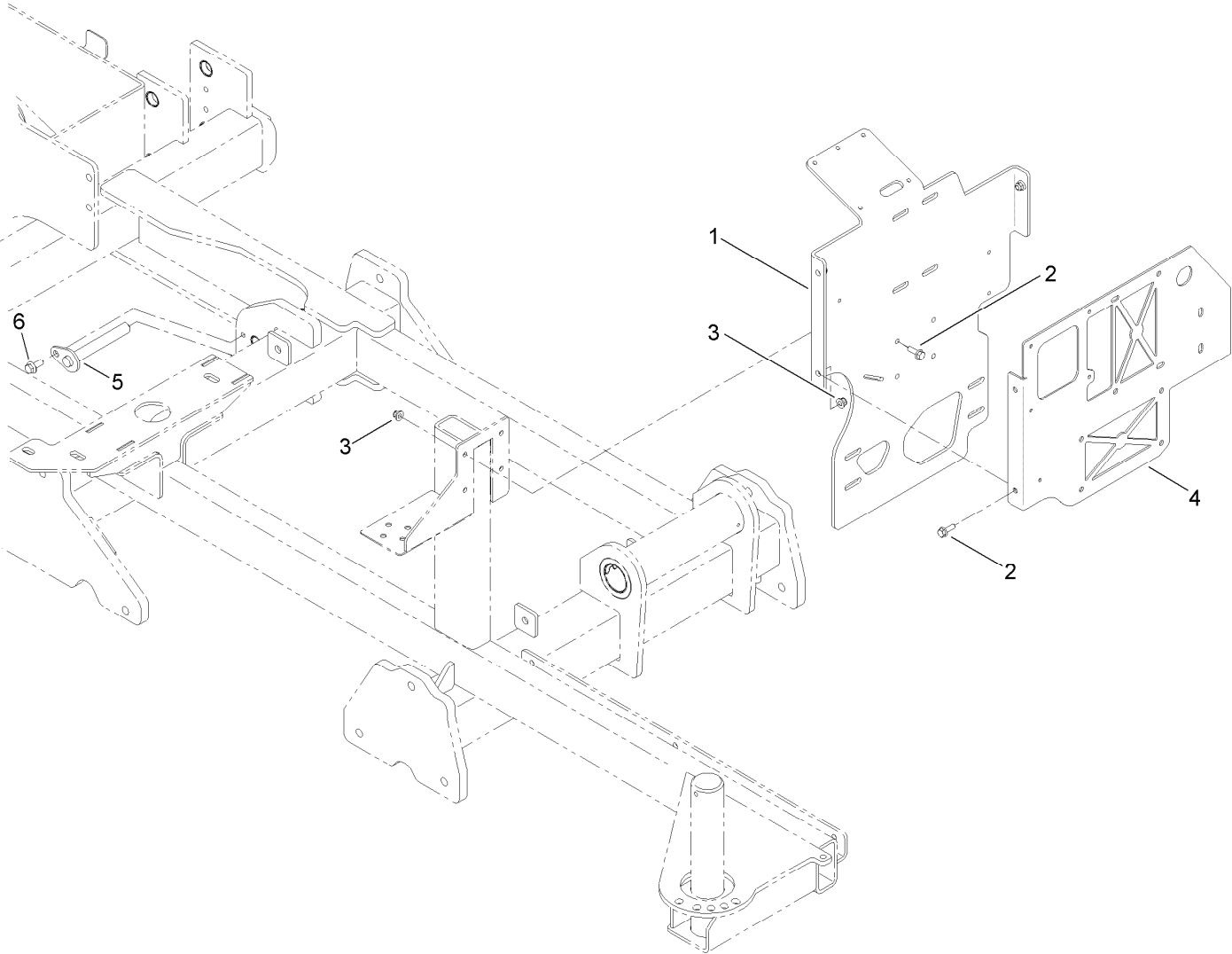
Hydraulic Cylinder Assembly No. AU103989A1 (continued)

<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

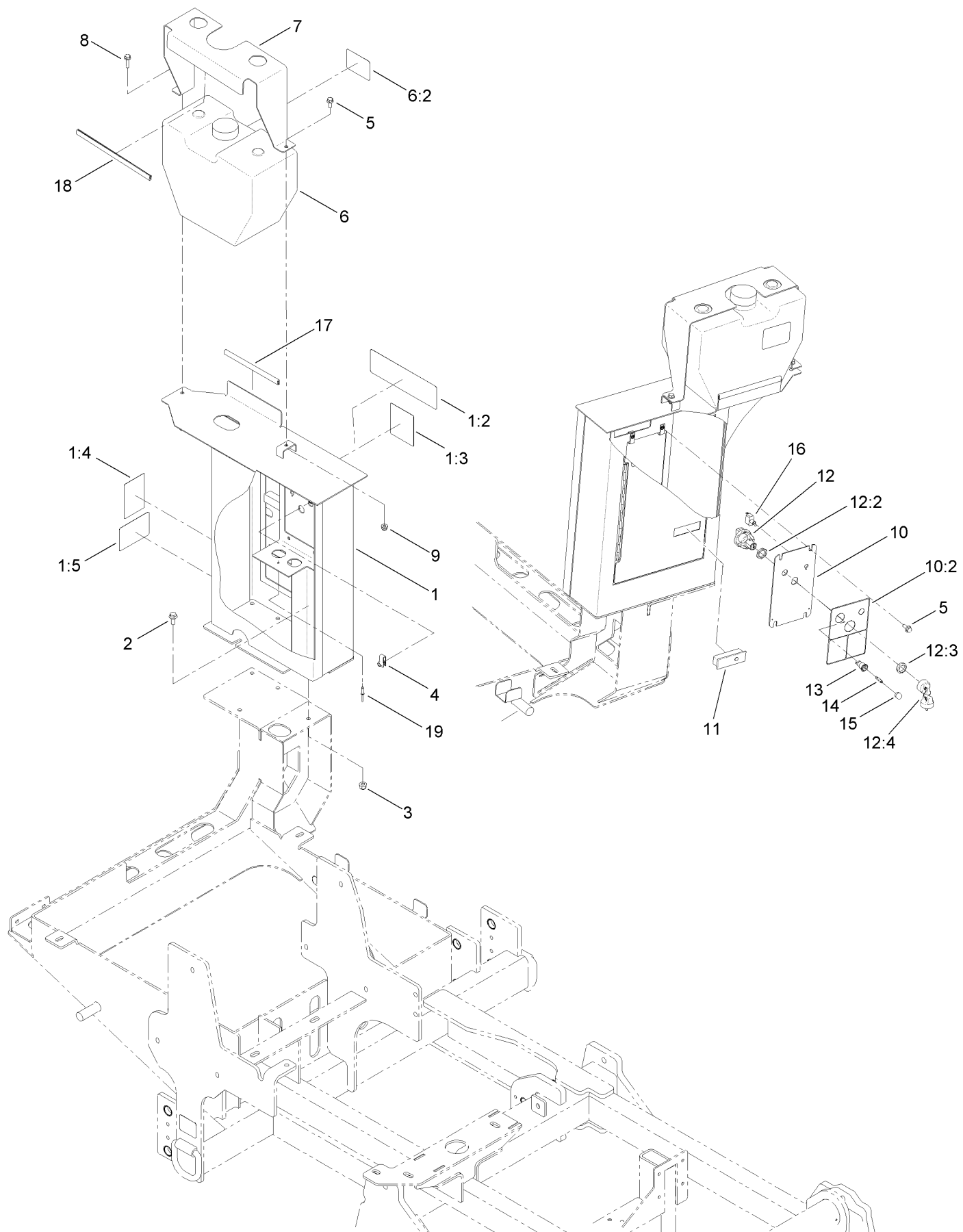
Electrical Plate Mount Assembly



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	4	125-4522-03	1	Plate-Mounting, Electrical
2	33104-025	7	Screw-HHF	5	AU109348	1	Pin-Flagged
3	104-3082	7	Nut-Lock, HHF	6	33105-025	1	Screw-HHF

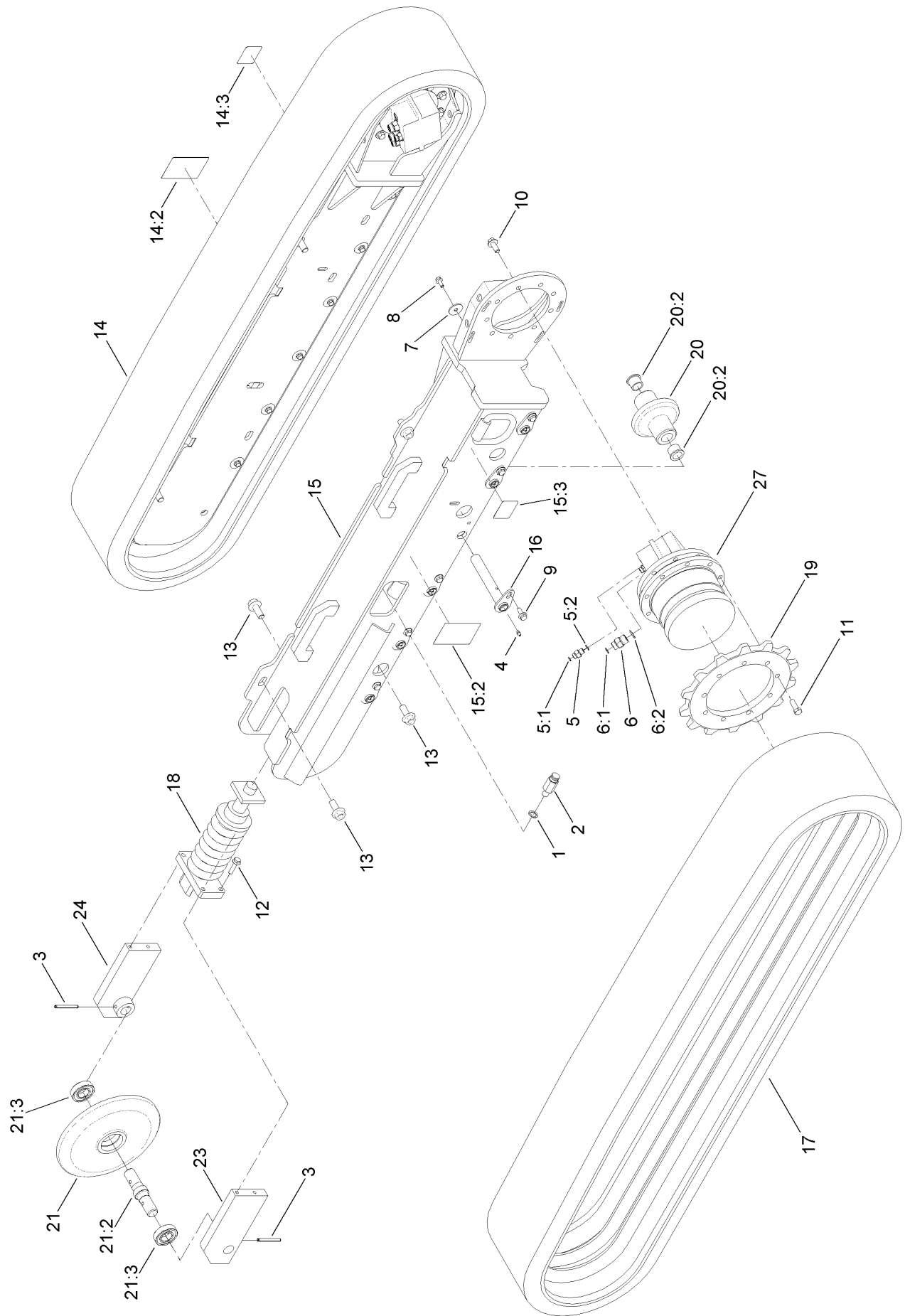
Rear Control Box and Coolant Tank Assembly



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	10:2	125-6121	1	Decal-Rear Control
1:2	125-6113	1	Decal-Safety	11	AU50GB2302	1	Latch-Trigger, Raised (W/Lock)
1:3	125-6117	1	Decal-Danger, No Riders (Rear)	12	121-5159	1	Ignition Switch ASM
1:4	125-6118	1	Decal-Danger, Back Up	12:2	121-5160	1	Nut-Hex
1:5	125-6120	1	Decal-Raise And Lower	12:3	121-5161	1	Nut-Face
2	33105-025	1	Screw-HHF	12:4	121-5162	1	Ignition Key Set
3	103-9511	1	Nut-Lock, NI	13	AU8EO21401	1	Type T-2 Socket ASM
4	AU100862	4	Nut-U	14	122-0224	1	Lamp-Led
5	33104-020	5	Screw-HHF	15	AU8EO21406	1	Lens-Dome, Fluted Amber (Type T2)
6	127-0905	1	Tank Coolant ASM	16	AU8EO72001	1	Switch-Toogle, Spst, On-Off (Sealed)
6:2	125-6137	1	Decal-Antifreeze	17	127-5315	1	Trim-Tank
7	AU113714-03	1	Bracket-Bottle, Anti-Freeze	18	127-5316	1	Trim-Tank
8	33104-030	1	Screw-HHF	19	3269-28	1	Rivet-Pop
9	104-3082	2	Nut-Lock, HHF				
10	127-0906	1	Rear Control Panel ASM				

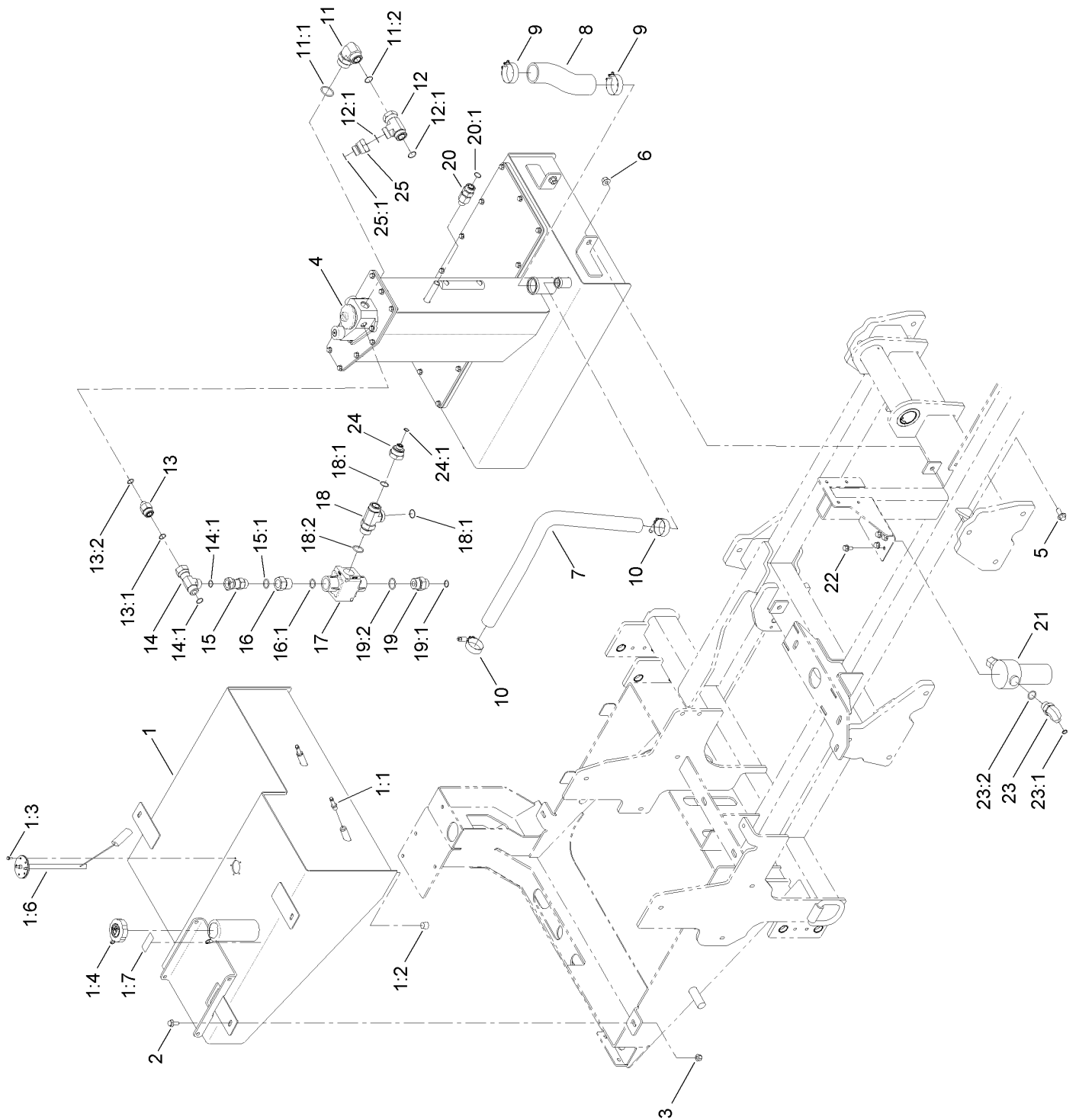
Track Assembly



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				

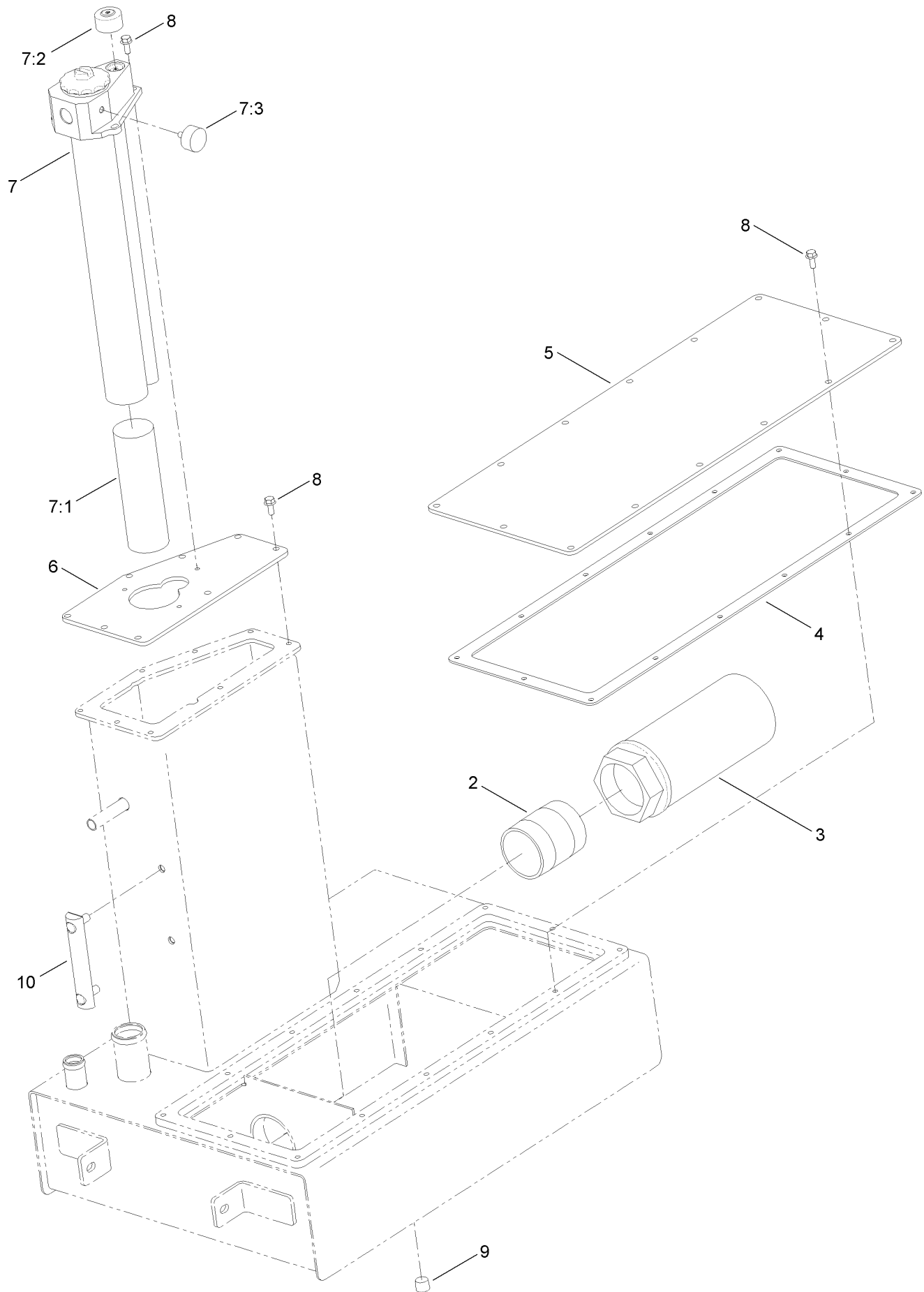
Fuel Tank and Hydraulic Tank Assembly



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

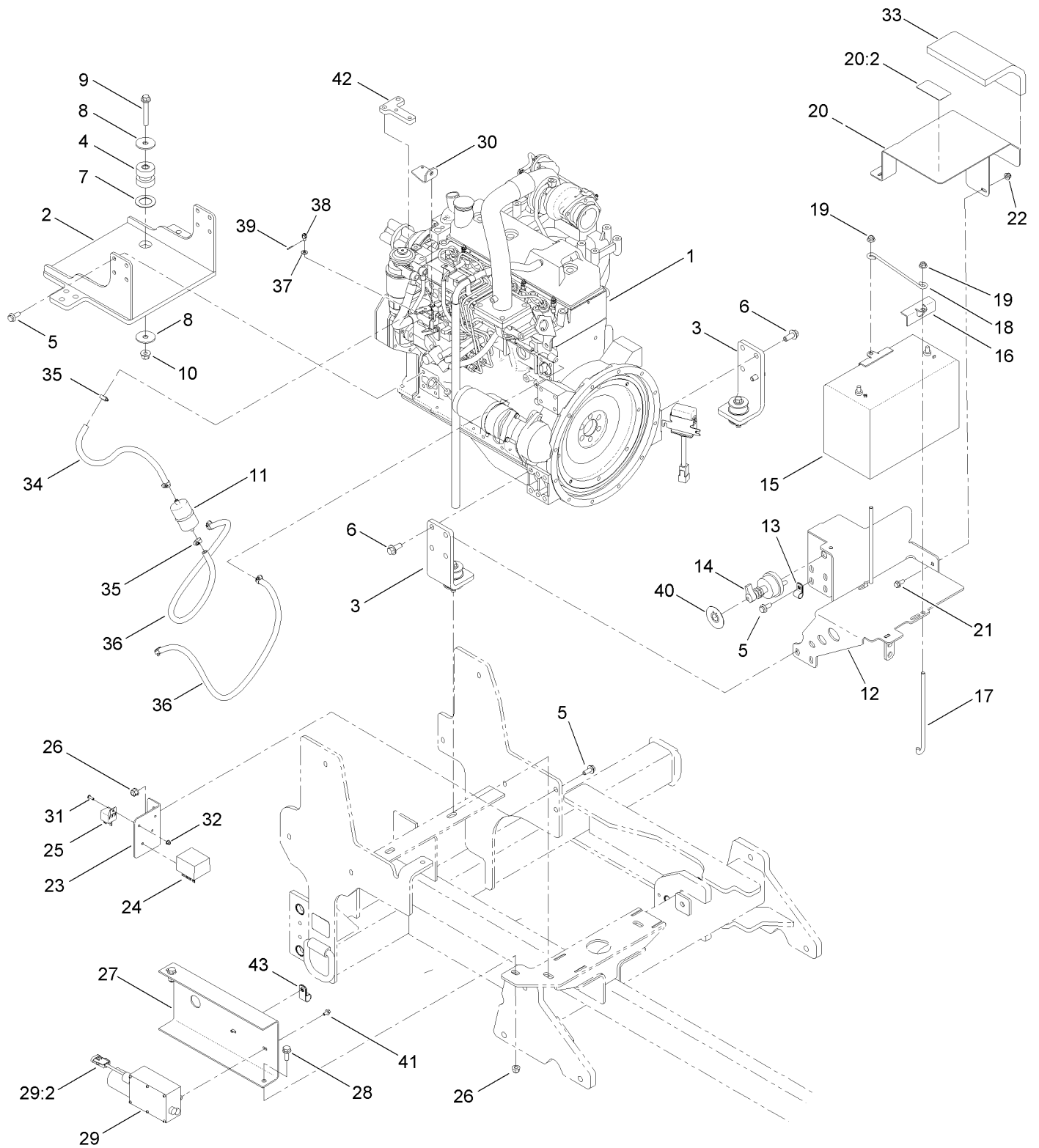


Hydraulic Tank Assembly No. 125-4511 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	AU8PN24800	1	Nipple-Pipe
3	AU8FL10008	1	Strainer-Suction, 100 Mesh
4	AU12GB2331	1	Gasket-Hydraulic Tank, Cover Lid
5	AU12GB3355-03	1	Cover-Hydraulic Tank
6	AU113816-03	1	Plate-Hydraulic Tank, Lid
7	AU113815	1	Filter ASM (Hydraulic Tank)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7:1	127-5328	1	Filter-Tank, Hydraulic
7:2	127-5334	1	Breather-HYD Filter
7:3	127-5335	1	Gauge-HYD Filter
8	33104-020	25	Screw-HHF
9	AU217-439	1	Plug-Pipe, Hex Socket
10	AU8PG00005	1	Gauge-Fluid Level (W/Thermometer)

Engine and Battery Assembly

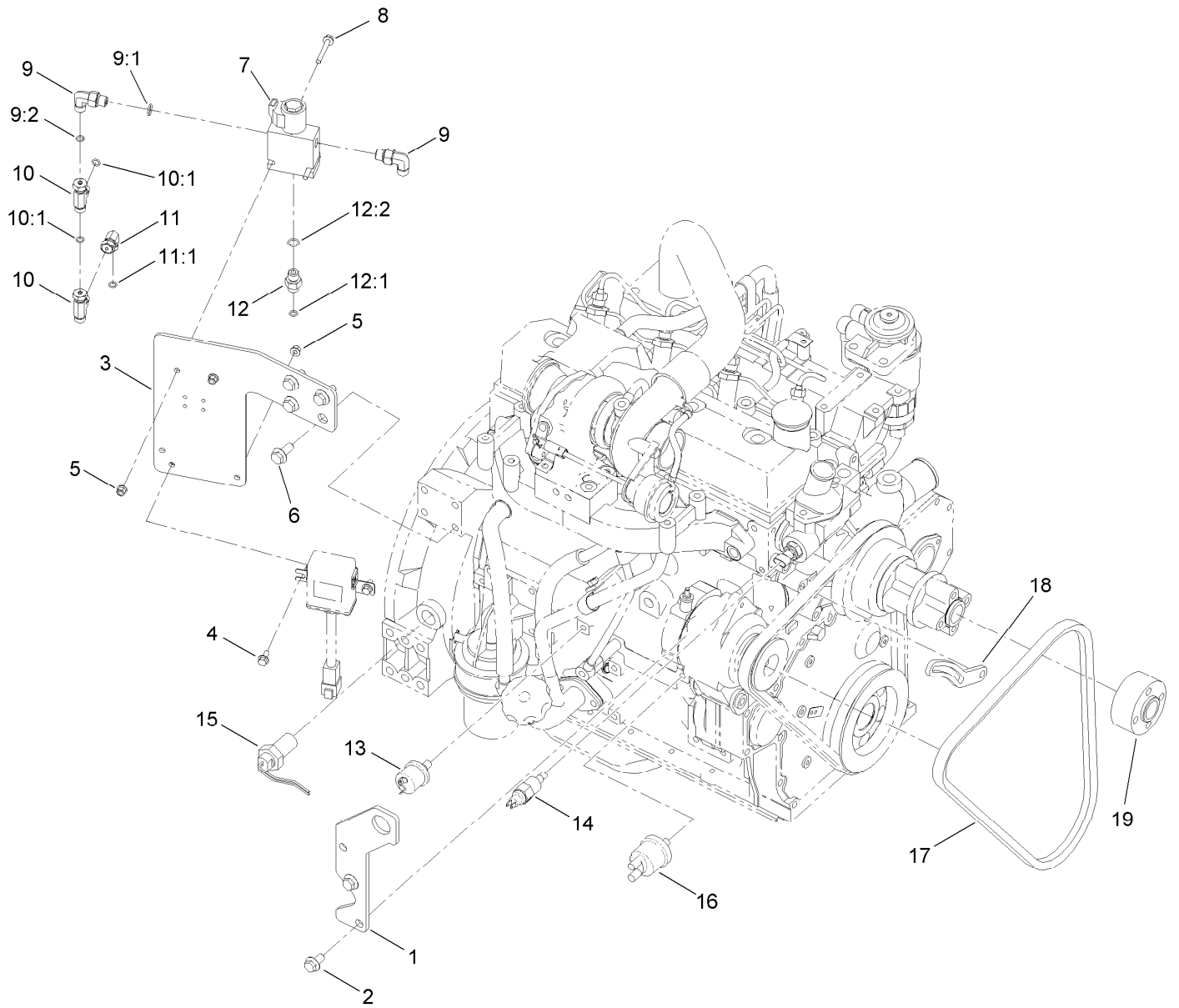


Engine and Battery Assembly (continued)

<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	30	AU12GB3042-03	1	Bracket-Throttle
10	115-1115	4	Nut-Lock, HHF	31	119-7568	1	Screw-HSBH
11	AU8NG10019-24	1	Filter-Inline Fuel	32	120-4580	1	Nut-HF
12	AU119455-03	1	Bracket-Mount, Battery	33	AU122242	1	Shield-Heat
13	2412-138	1	R-Clamp	34	125-4529	1	Hose-Fuel
14	AU8EP02901	1	Switch-Battery (1000 Amp)	35	2412-108	6	Clamp-Worm
15		1	Battery (1000Cca, Wet) ●	36	125-4530	2	Hose-Fuel
16	AUD125079	2	Angle-Holddown, Battery	37	3256-22	1	Washer-Flat
17	AUH436311	2	Bolt-Holddown, Battery	38	125-4534	1	Pivot-Throttle
18	AUD135073	1	Bracket-Holddown, Battery	39	3272-1	1	Pin-Cotter
19	104-8301	2	Nut-Flange, NI	40	AU8EP02902	1	Faceplate-Battery, On/Off
20	127-0910	1	Battery Shield ASM	41	3234-13	2	Screw-HHF
20:2	125-8473	1	Decal-Warning, Battery	42	127-0951-03	1	Plate-Mount, Filter
21	33104-020	2	Screw-HHF	43	2412-81	1	Clamp-R
22	104-3082	2	Nut-Lock, HHF				

● Not serviced separately

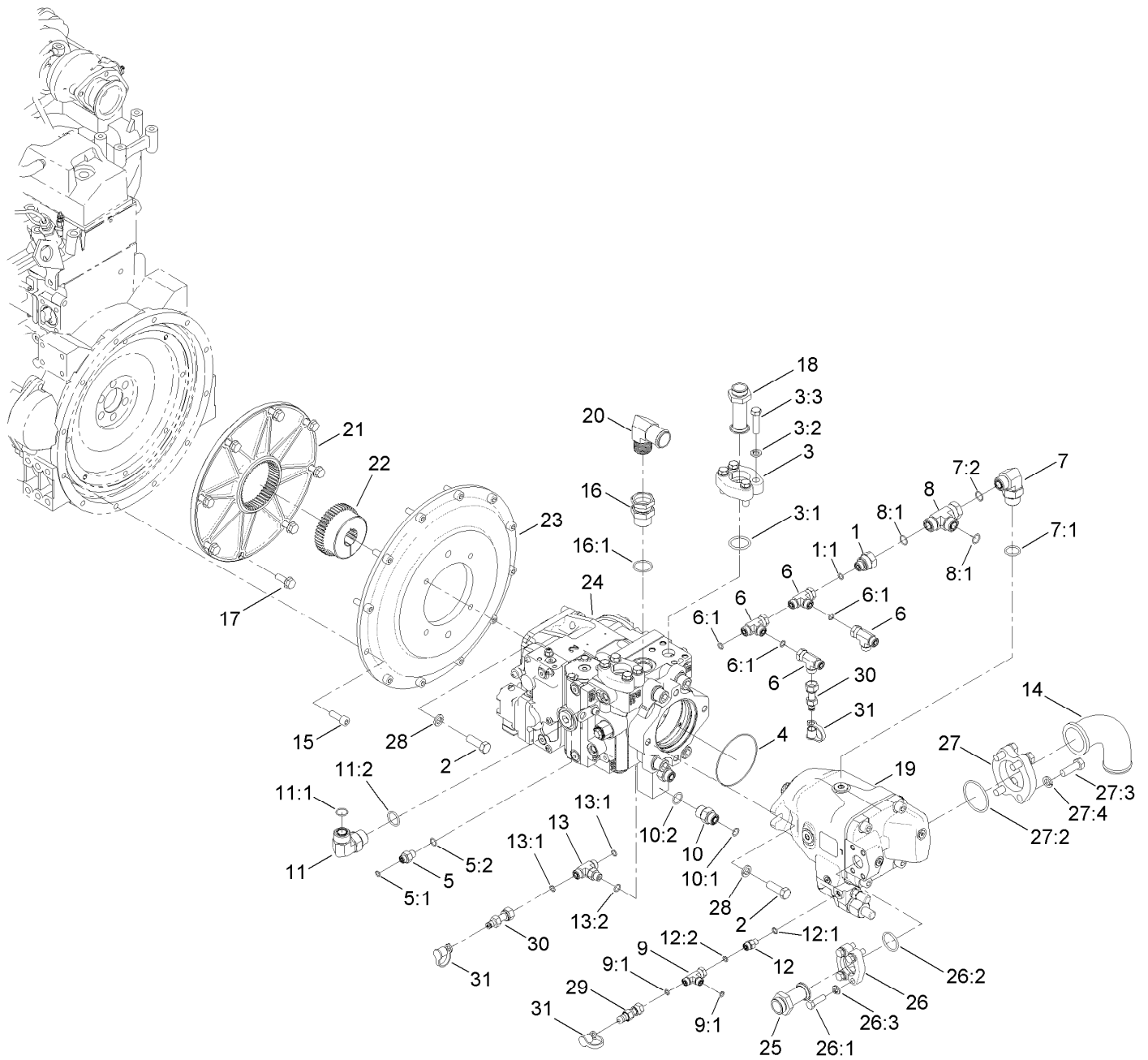
Engine Sensor and Belt Assembly



Engine Sensor and Belt 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	1	Plate-Hoist Point	11:1	237-21	1	O-Ring
2	33105-020	2	Screw-HHF	12	340-1	1	Fitting-HYD, Straight
3	AU130554-03	1	Plate-Mount	12:1	237-21	1	O-Ring
4	33103-016	2	Screw-HHF	12:2	237-42	1	O-Ring
5	81-0130	4	Nut-Flange, NI	13	AU8NG10019-28	1	Sensor-Oil Pressure
6	33105-025	4	Screw-HHF	14	AU8NG10019-29	1	Sensor-Coolant (Temp 217F)
7	125-4467	1	Valve-Solenoid	15	AU8NG10019-30	1	Sensor-Rpm, Mag Pickup
8	33103-045	2	Screw-HHF	16	AU8NG10019-27	1	Sensor-Oil Pressure, 0-80Psi
9	340-82	2	Adapter ASM	17	127-5323	1	Belt-V
9:1	237-42	1	O-Ring	18	127-5324-03	1	Bracket-Alternator
9:2	237-21	1	O-Ring	19	130-4471	1	Spacer-Fan
10	340-151	2	Fitting-HYD				
10:1	237-75	2	O-Ring				
11	92-2745	1	Fitting-Adaptor				

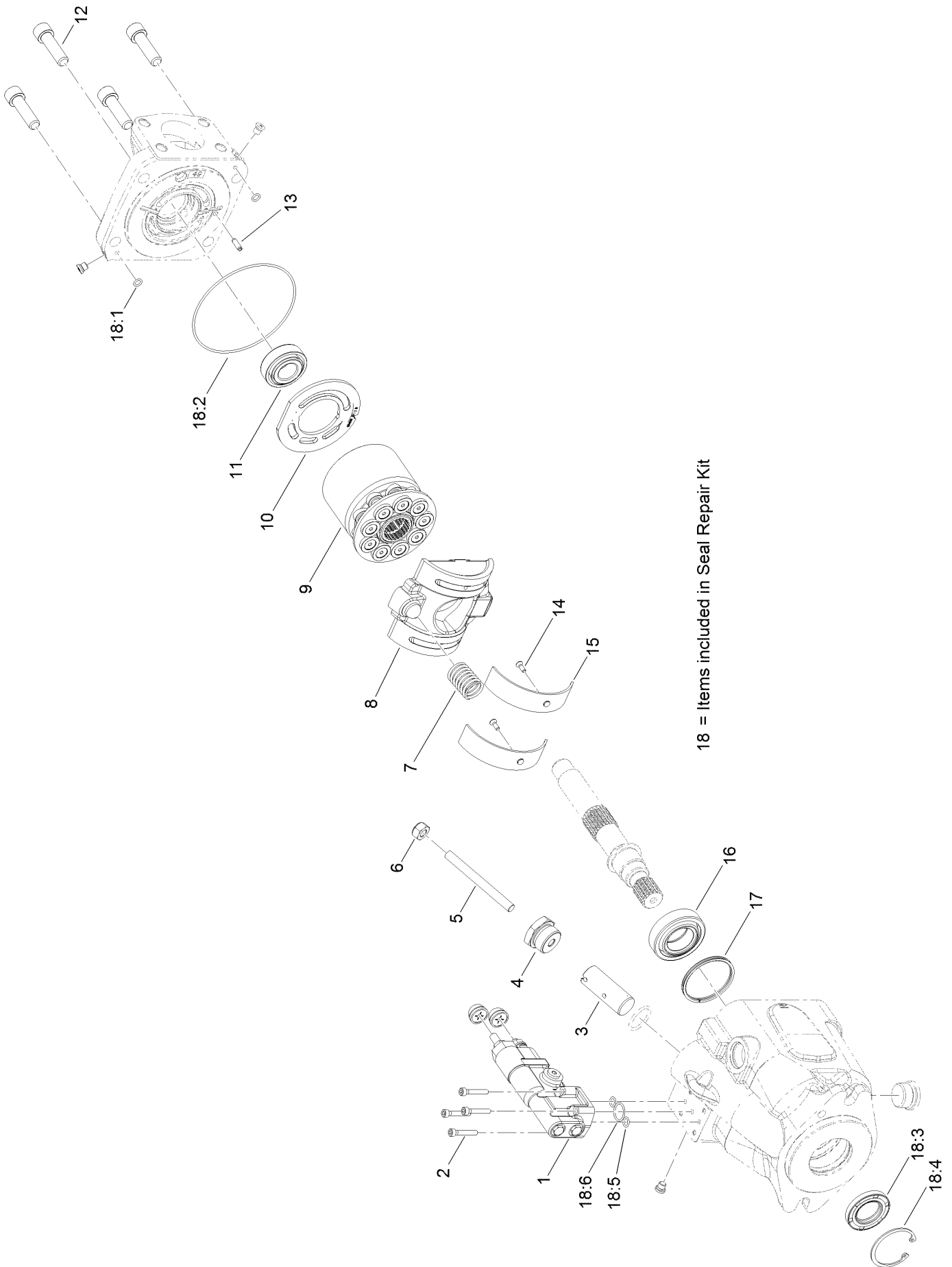
Engine Bell Housing and Hydraulic Pump Assembly



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
3:2	3253-6	4	Washer-Lock	16:1	237-146	1	O-Ring
3:3	AU113-372	4	Screw-HH	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	AU8PH60051	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				
12:2	237-21	1	O-Ring				
13	340-94	1	Adapter				

Hydraulic Load Sense Piston Pump No. AU119079



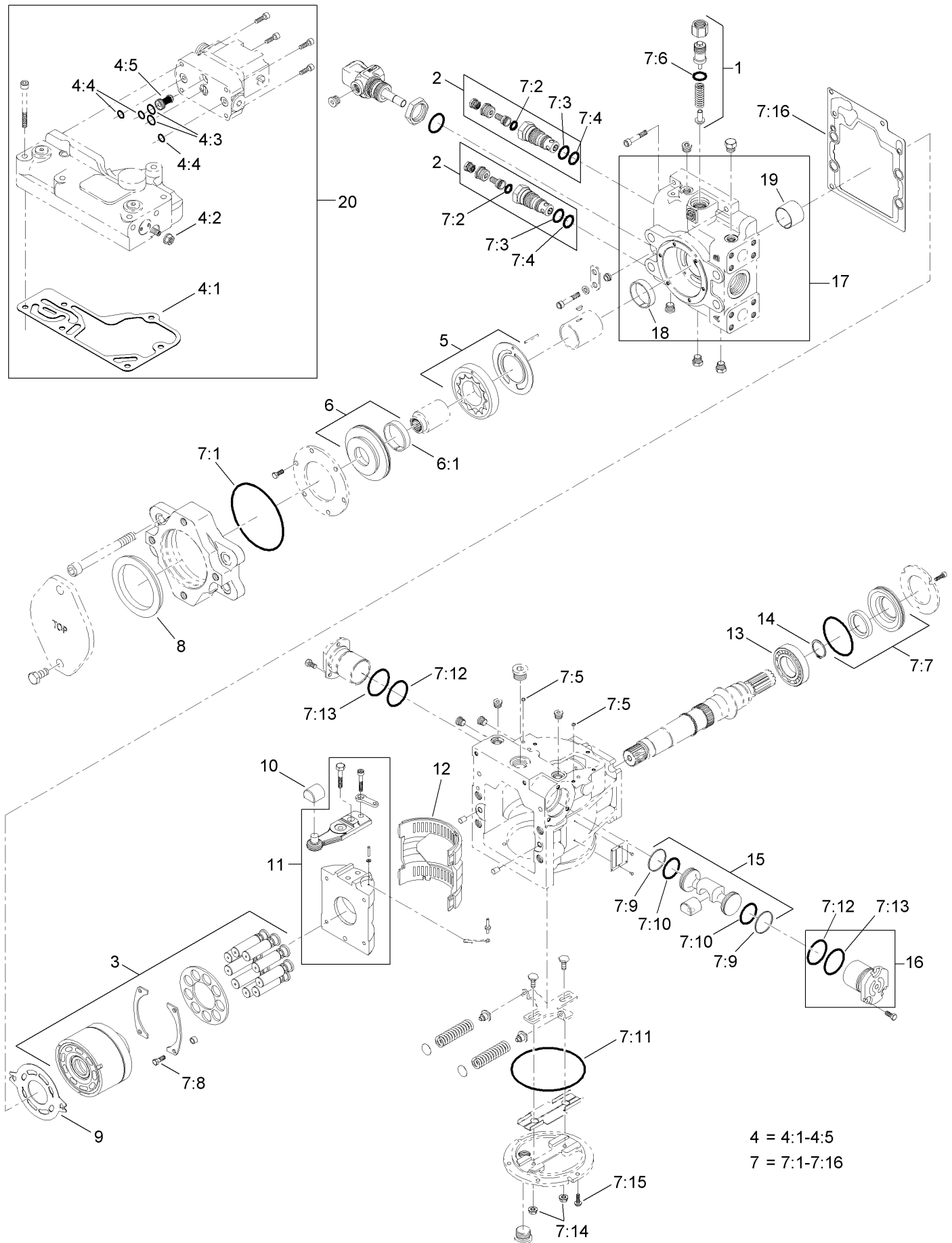
18 = Items included in Seal Repair Kit

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. AU8PH60051

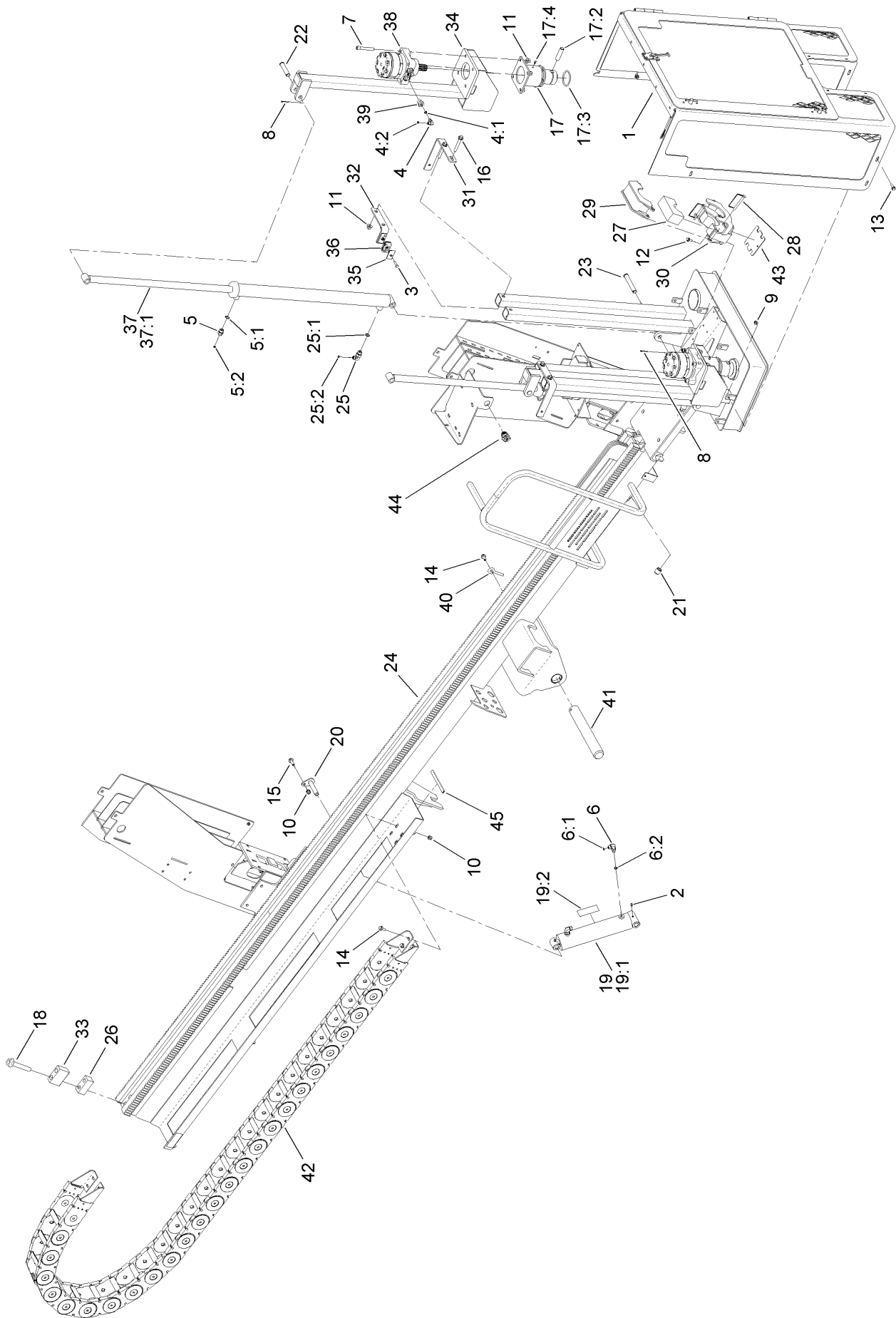


Hydrostat Pump Assembly No. AU8PH60051 (continued)

<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	130-4587	1	Charge Relief Valve Kit	7:9		2	O-Ring ●
2	130-4590	2	Multi-Function Valve Kit	7:10		2	O-Ring ●
3	130-4585	1	Cylinder Block Kit	7:11		1	O-Ring ●
4	130-4589	1	Control Seal Kit	7:12		2	O-Ring ●
4:1		1	Gasket-Control ●	7:13		2	O-Ring ●
4:2		1	Nut-Seal ●	7:14		2	Nut ●
4:3		2	O-Ring ●	7:15		2	Screw ●
4:4		3	O-Ring ●	7:16		1	Gasket-End Cap ●
4:5		1	Filter ASM ●	8	130-4581	1	Seal-B Pad
5	130-4578	1	Charge Pump Set	9	130-4571	1	Plate-Valve
6	130-4579	1	Charge Pump Cover ASM	10	130-4573	1	Block-Slider
6:1	130-4577	1	Bushing	11	130-4586	1	Swashplate ASM
7	130-4591	1	Base Pump Seal Kit	12	130-4570	1	Bearing ASM
7:1	130-4580	1	O-Ring	13	130-4582	1	Bearing-Roller
7:2		2	O-Ring ●	14	130-4583	1	Ring-Retaining
7:3		2	O-Ring ●	15	130-4572	1	Servo Piston Kit
7:4		2	O-Ring ●	16	130-4574	1	Servo Cylinder ASM
7:5		2	Screen-Control Filter ●	17	130-4575	1	End Cap ASM
7:6		1	O-Ring ●	18	130-4577	1	Bushing
7:7	130-4584	1	Shaft Seal ASM	19	130-4576	1	Bearing-Journal
7:8		4	Screw ●	20	130-4588	1	Edc Kit

● Not serviced separately

Thrust Frame and Stakedown Assembly

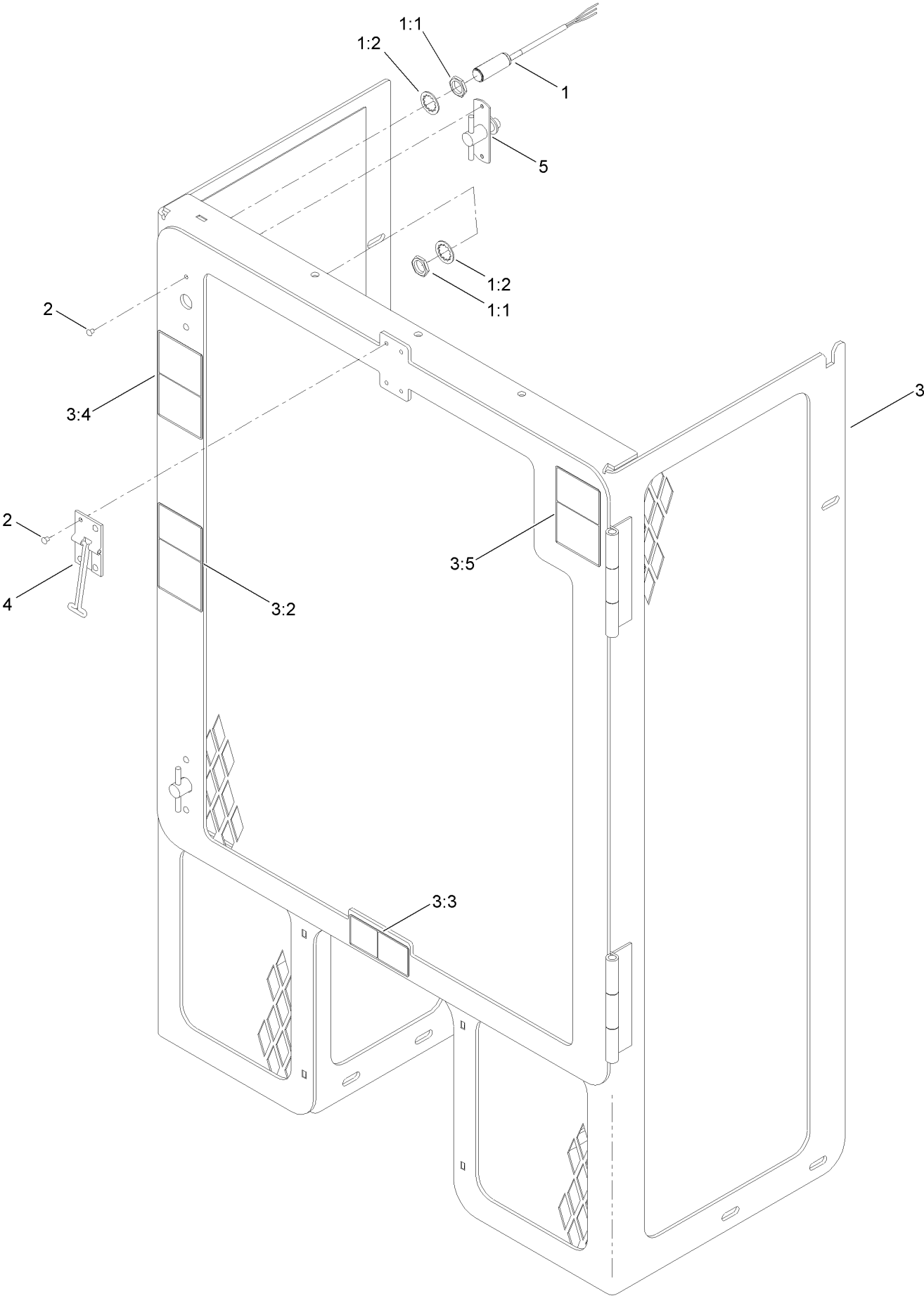


Thrust Frame and Stakedown Assembly (continued)

<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	127-0898	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	37:1	AU8HC20030-2	1	Seal Kit
16	33106-080	4	Screw-HHF	38	AU8HM24055	2	HYD Motor ASM
17	AU12GB7507	2	Stakedown Coupler ASM	39	AU8SA31004	4	Reducer-Straight, Threaded
17:2	AU12GB7514	1	Pin-Coupling, Stake	40	AUH313981	1	Pin-Retainer
17:3	AU8HS51334	1	O-Ring	41	125-4525	1	Pin-Pivot, Thrust Frame
17:4	302-57	1	Fitting-Grease	42	AU110373	1	Carrier-Hose
18	AU100378	2	Screw-HHF	43	125-4468-03	1	Shim-Rod Guide, Bottom
19	127-0913	1	Lift Cylinder ASM	44	109-9376	1	Receptacle-12V
19:1		1	Cylinder-Hydraulic ●	45	127-0976	1	Trim-Carrier, Hose
19:2	125-6115	1	Decal-Caution, Cylinder Lock				

● Not serviced separately

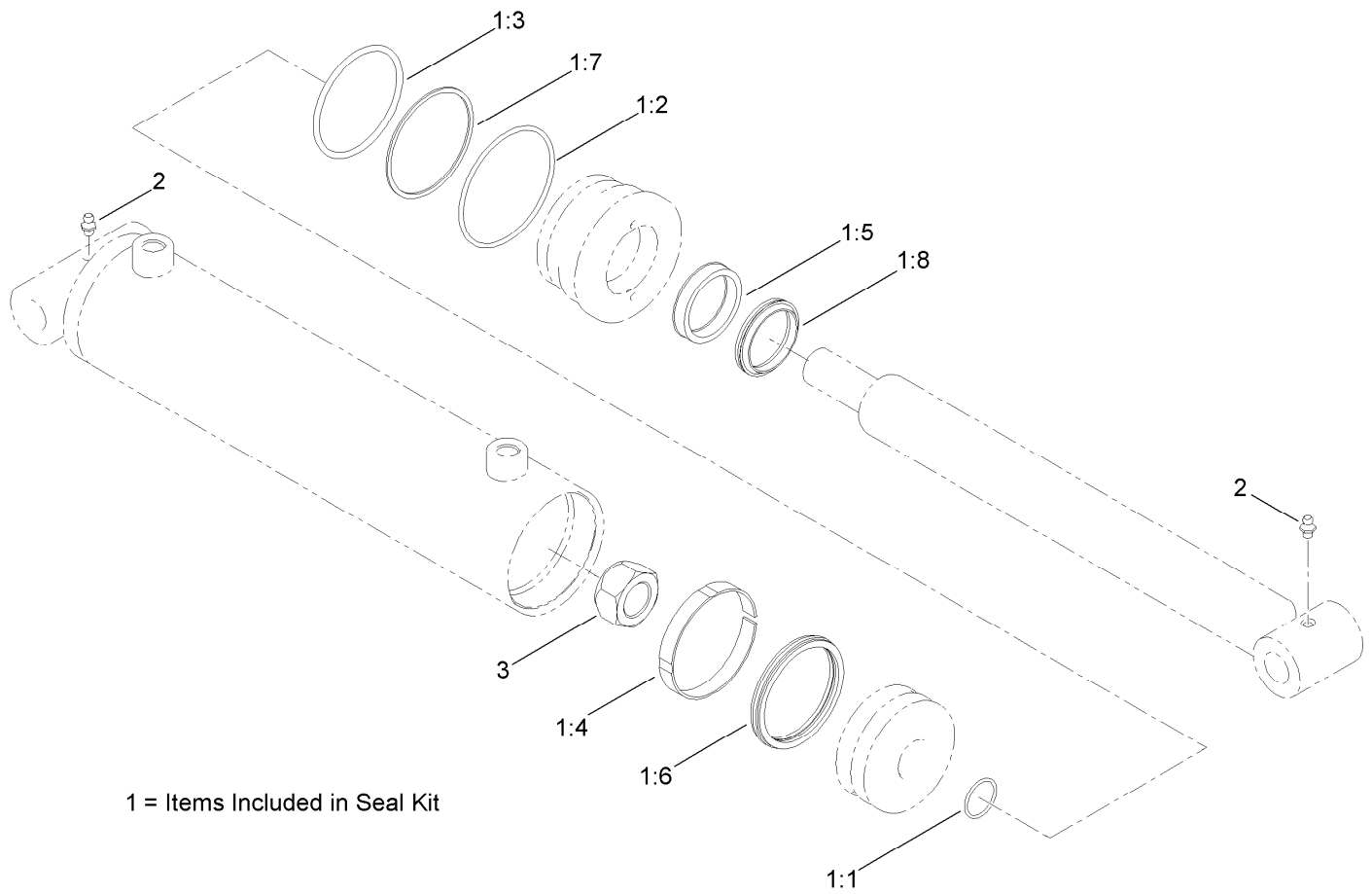
Stakedown Cage Assembly No. 127-0992



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. 127-0913



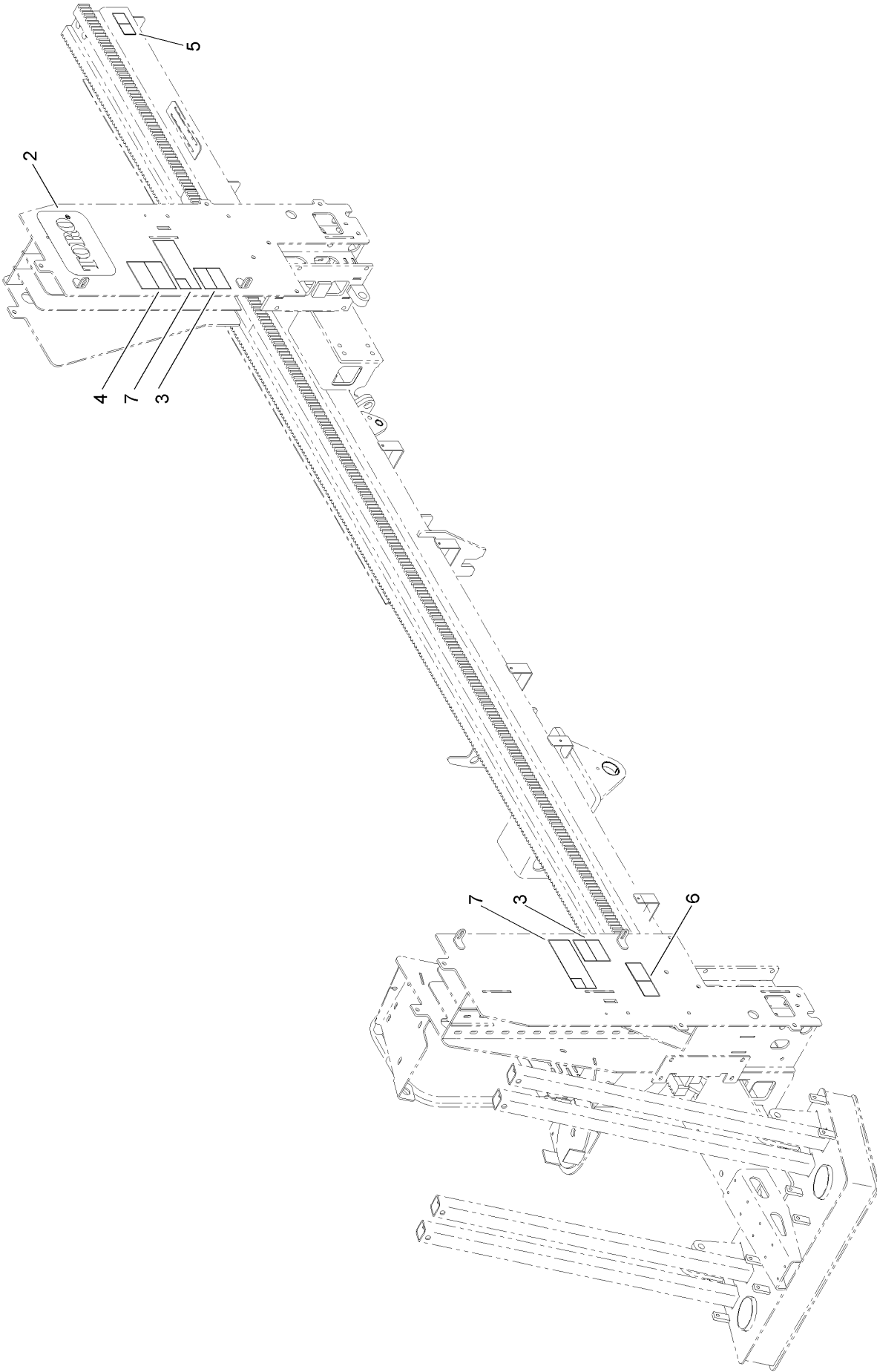
Hydraulic Cylinder Assembly No. 127-0913 (continued)

<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 ●
1:5		1	Seal-U Cup ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:6		1	Seal-Crown ●
1:7		1	Washer-Back Up ●
1:8		1	Wiper ●
2	302-52	2	Fitting-Grease
3	3296-60	1	Nut-Lock, NI

● Not serviced separately

Thrust Frame Assembly No. 127-0898

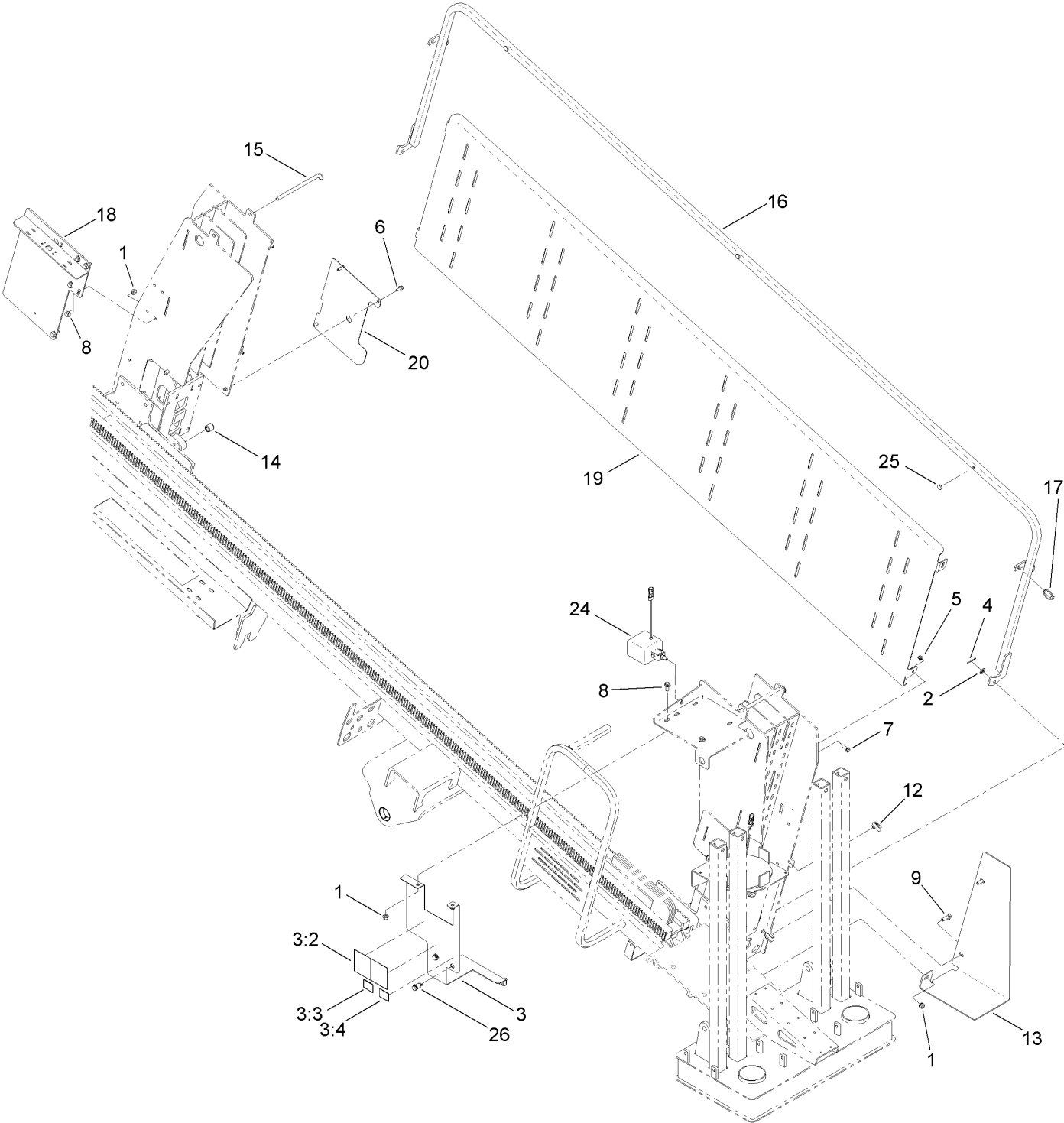


Thrust Frame Assembly No. 127-0898 (continued)

<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

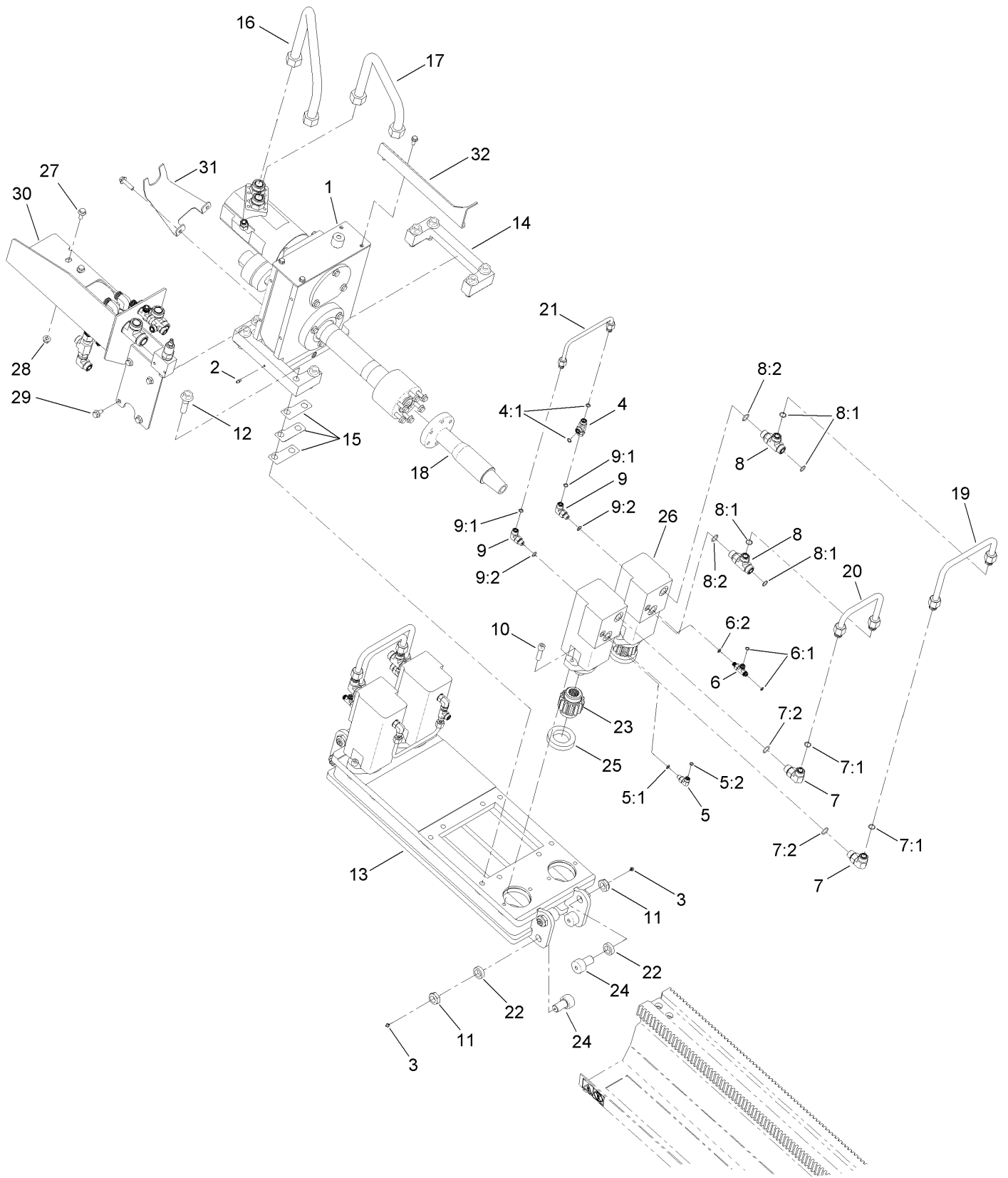
Rod Box Panel and Guard Assembly



Rod Box Panel 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	12	AU100863	2	Nut-U
2	106-9888	2	Washer-Flat	13	AU109021-03	1	Cover-Side
3	127-0916	1	Guard Plate ASM	14	AU109676	2	Bushing-Spring
3:2	125-6111	1	Decal-Stakedown Set Up	15	AU109894	4	Pin
3:3	125-6123	1	Decal-Pipe Return, Clear	16	AU109905-01	1	Guard
3:4	125-6124	1	Decal-Pipe Breakout, Clear	17	AU109970	2	Pin-Snap Ring
4	3272-12	2	Pin-Cotter	18	AU124738-03	1	Plate-Mount, Switch
5	104-3082	4	Nut-Lock, HHF	19	AU129871-03	1	Panel-Rod Box
6	33104-020	6	Screw-HHF	20	AU12GB7390-03	2	Guard-Elevator
7	33104-025	4	Screw-HHF	24	122-0144	2	Work Light ASM
8	33105-025	8	Screw-HHF	25	1-513658	3	Bumper
9	33105-030	3	Screw-HHF	26	131-0040	2	Lamp-Indicator, Led

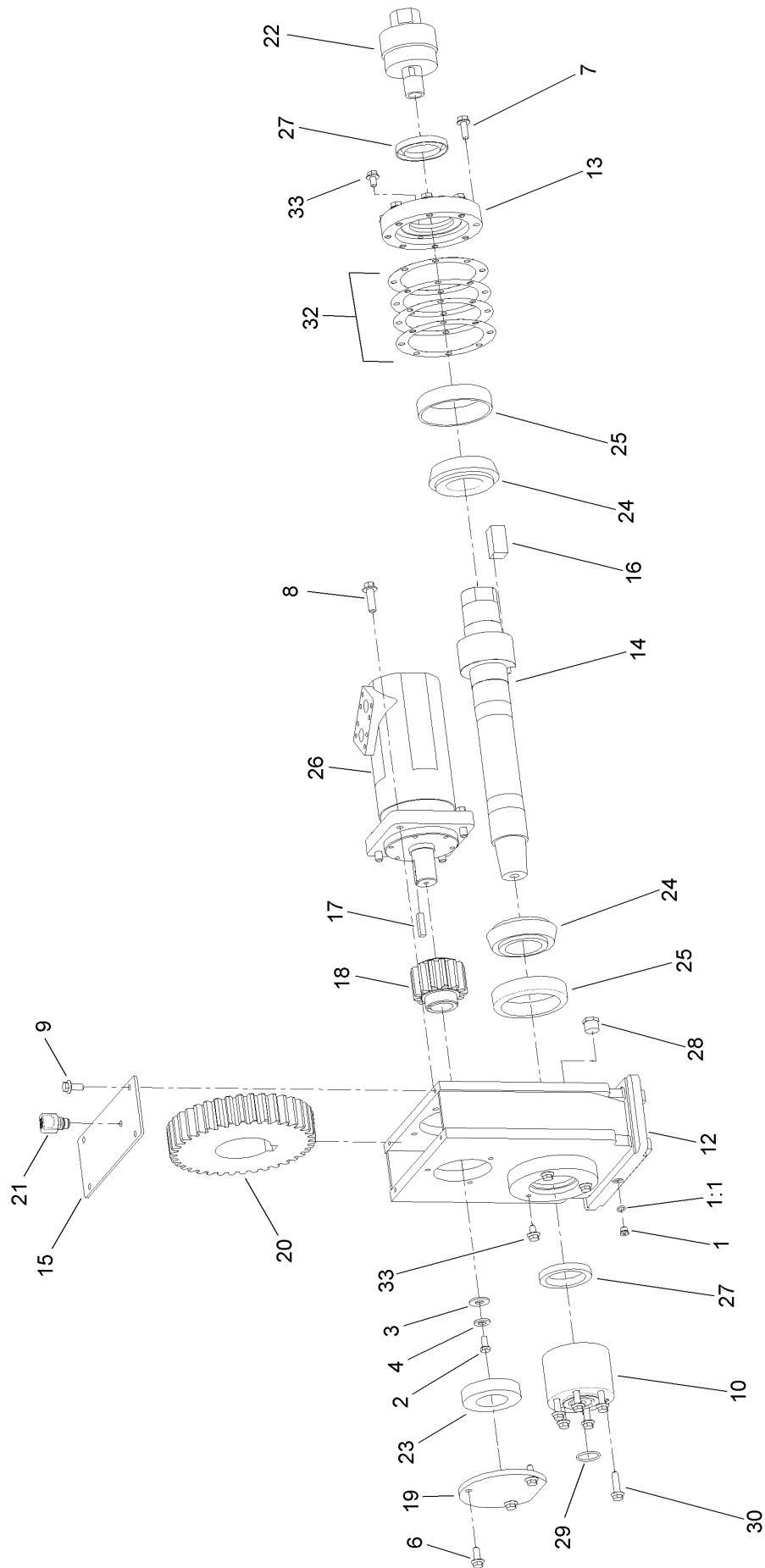
Rotary Gearbox and Carriage Assembly



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	125-4512	1	Rotary Gearbox ASM	13	AU110514-03	1	Carriage
2	302-57	2	Fitting-Grease	14	AU110676-03	2	Block-Slide, Rotary
3	302-63	8	Zerk	15	AU111132	12	Shim-Block, Rotary Slide
4	340-115	2	Fitting-Tee, Swivel Nut	16	AU111677	1	Tube-HYD, Hiflow (Rotary B)
4:1	237-22	2	O-Ring	17	AU111678	1	Tube-HYD, Hiflow (Rotary A)
5	340-132	2	Fitting-HYD, 90 DEG	18	AU119160	1	Adapter-Flange
5:1	237-78	1	O-Ring	19	AU12GB3220	2	Tube-HYD, Hiflow
5:2	237-21	1	O-Ring	20	AU12GB3221	2	Tube-HYD, Hiflow
6	340-140	2	Adapter-Tee	21	AU12GB3222	2	Tube-HYD, Hiflow
6:1	237-21	2	O-Ring	22	AU12GB4025	8	Spacer-Cam Follower
6:2	237-78	1	O-Ring	23	AU12GB4108	4	Pinion-Input, 15T
7	340-17	4	Fitting-HYD, 90 DEG	24	AU8CF30025	8	Bearing-Cam Roller
7:1	237-65	1	O-Ring	25	AU8CF40008	8	Bearing-Ball, Double Sealed
7:2	237-80	1	O-Ring	26	AU8HM24035	4	HYD Motor ASM
8	340-22	4	Fitting-HYD, Tee	27	33105-025	4	Screw-HHF
8:1	237-65	2	O-Ring	28	33005-00	4	Nut-HF
8:2	237-80	1	O-Ring	29	33105-020	4	Screw-HHF
9	340-77	4	Fitting-HYD, 90 DEG	30	AU110587-03	1	Mount-Hose Carrier
9:1	237-22	1	O-Ring	31	AU116975-03	1	Bracket-Mud Swivel
9:2	237-42	1	O-Ring	32	AU124739-03	1	Plate-Sensor Flag
10	AU864-12045	8	Screw-HSFH				
11	3296-60	8	Nut-Lock, NI				
12	33108-060	8	Screw-HHF				

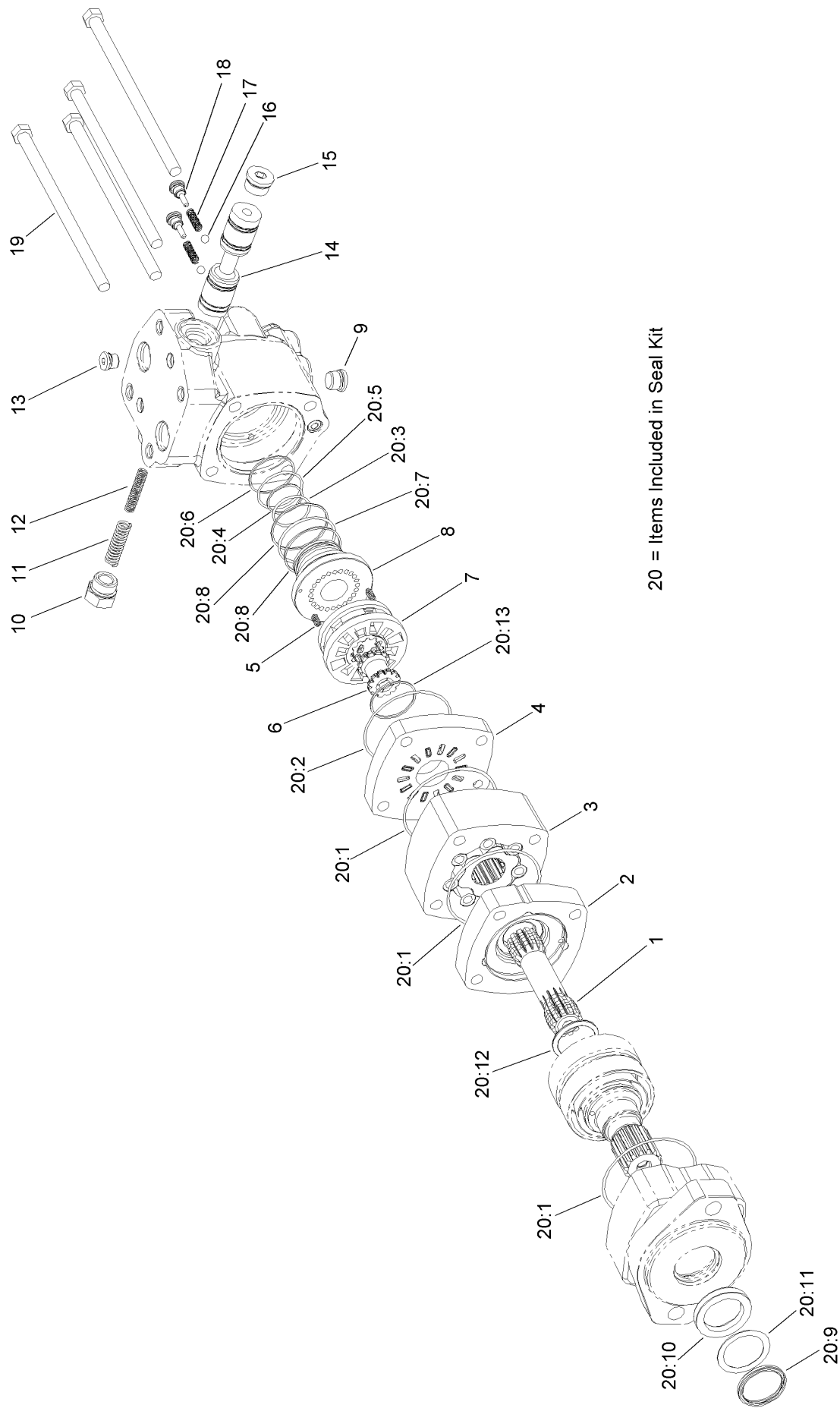
Rotary Gearbox Assembly No. 125-4512



Rotary Gearbox Assembly No. 125-4512 (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	353-990	1	Plug ASM	21	115-9793	1	Breather
1:1	237-78	1	O-Ring	22	AU32GB4210	1	Swivel-Mud
2	AU426-612	1	Screw-HH	23	AU8CF40011	1	Bearing-Radial Ball
3	AU495-81163	1	Washer-Flat	24	AU8CF63016	2	Cone-Bearing
4	AU496-21053	1	Washer-Flat (Hardened)	25	AU8CF63017	2	Cup-Bearing
6	33105-025	3	Screw-HHF	26	AU8HM24051	1	HYD Motor ASM
7	33105-040	8	Screw-HHF	27	AU8HS11033	2	Seal-Shaft
8	33106-040	4	Screw-HHF	28	AU8PP70008	1	Plug-Site Glass
9	33104-020	4	Screw-HHF	29	237-187	1	O-Ring
10	AU114315	1	Adapter-Spindle	30	AU100331	6	Screw-HHF
12	AU12GB4403	1	Box-Rotary	32	AU12GB4425-001	1	Shim-Rotary Bearing (.001 Thick)
13	AU12GB4412	1	Plate-Bearing Cap	32	AU12GB4425-003	1	Shim-Rotary Bearing (.003 Thick)
14	AU12GB4420	1	Spindle-Rotary	32	AU12GB4425-005	1	Shim-Rotary Bearing (.005 Thick)
15	130-4508-03	1	Rotary Box Cover [black]	32	AU12GB4425-010	1	Shim-Rotary Bearing (.010 Thick)
16	AU12GB4455	1	Key-Rotary Box	33	33105-016	5	Screw-HHF
17	AU12GB4456	1	Key-Rotary Box				
18	AU12GB4460	1	Gear-Pinion, Rotary Box (13T)				
19	AU12GB4461	1	Plate-Retaining, Rotary Box				
20	AU12GB4465	1	Gear-Ring, Rotary Box (38T)				

Hydraulic Motor Assembly No. AU8HM24035



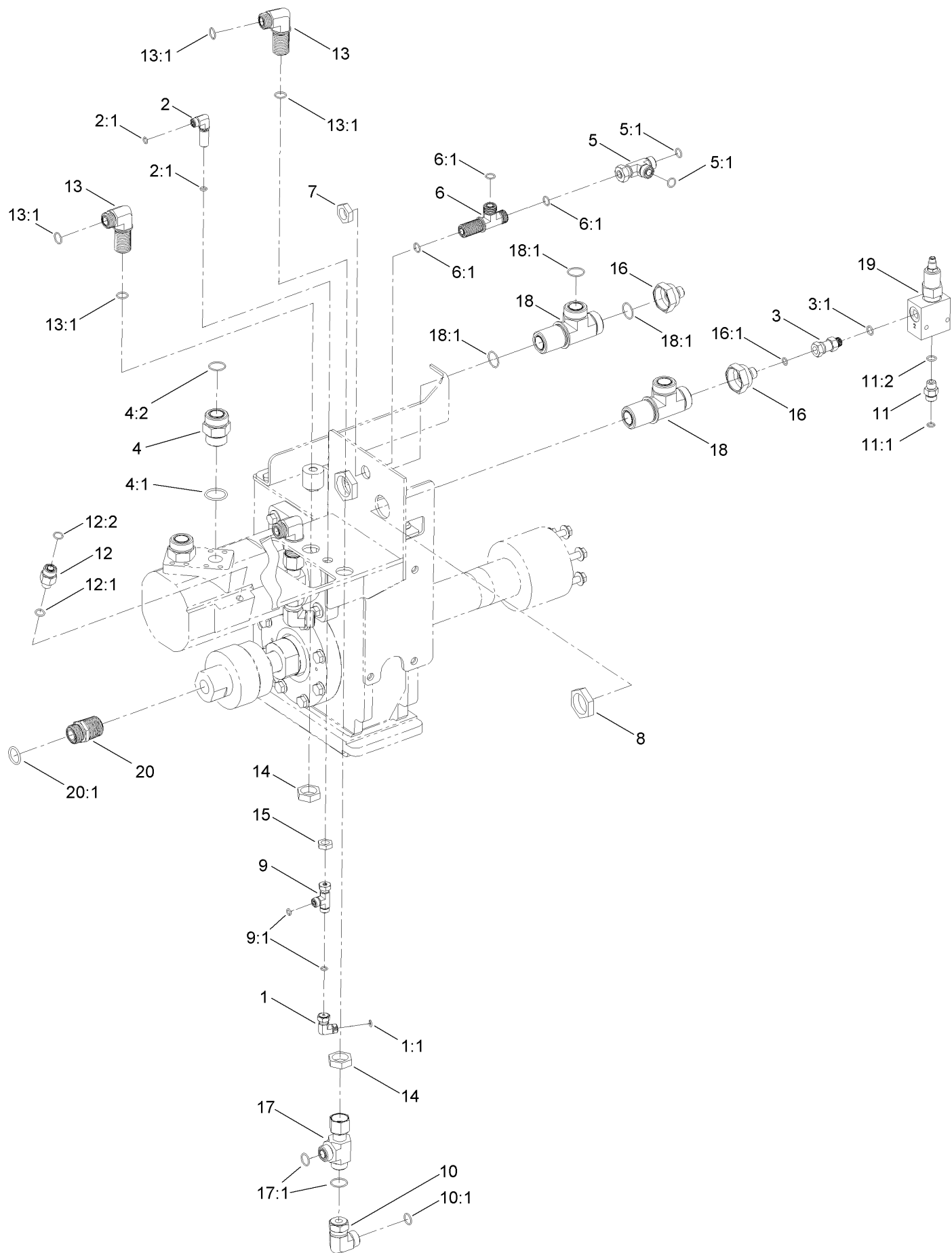
Hydraulic Motor Assembly No. AU8HM24035 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Shaft-Drive ●
2	127-6210	1	Plate-Wear
3	127-6209	1	Geroler ASM
4	127-6208	1	Plate-Valve
5	33-3410	2	Spring
6	36-6260	1	Drive-Valve
7	127-6207	1	Valve
8	127-6206	1	Balancing Ring ASM
9	127-6205	1	Plug ASM
10	127-6204	1	Plug ASM
11	127-6203	1	Spring-Compression
12	127-6202	1	Spring-Compression
13	33-3580	1	Plug ASM
14	127-6201	1	Spool-Control
15	127-6200	1	Plug ASM
16	127-6199	2	Ball-Steel
17	127-6198	2	Spring-Compression

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
18	33-3380	2	Plug ASM
19	127-6197	4	Screw-Cap
20	127-6212	1	Seal Kit
20:1		3	O-Ring ●
20:2		1	O-Ring ●
20:3		1	O-Ring ●
20:4		1	Ring-Backup ●
20:5		1	O-Ring ●
20:6		1	Ring-Backup ●
20:7		1	O-Ring ●
20:8		2	Ring-Backup ●
20:9		1	Seal ●
20:10		1	Seal ●
20:11		1	Washer-Backup ●
20:12		1	Seal-Shaft Face ●
20:13		1	Seal ●

● Not serviced separately

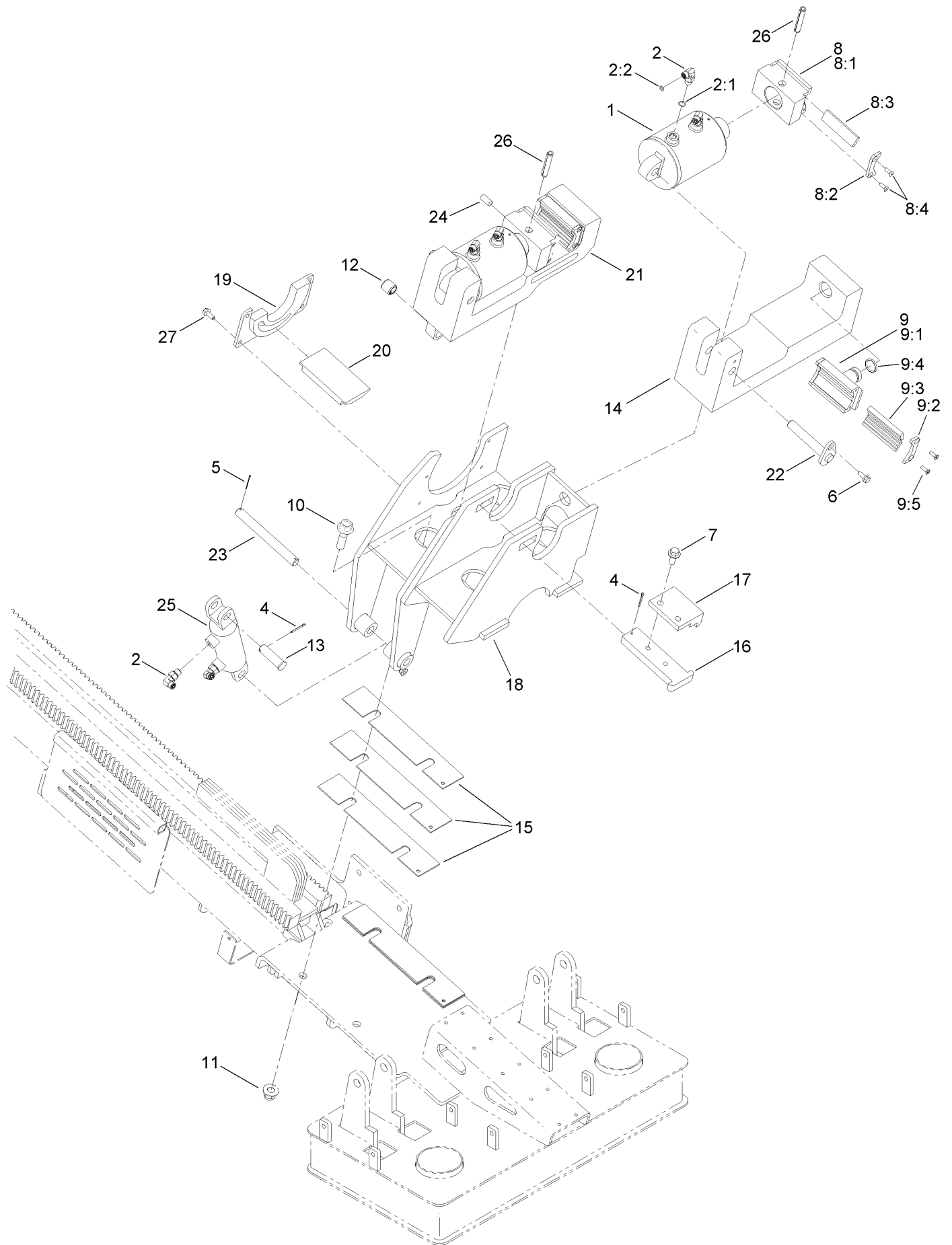
Rotary Hydraulic Fitting Assembly



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

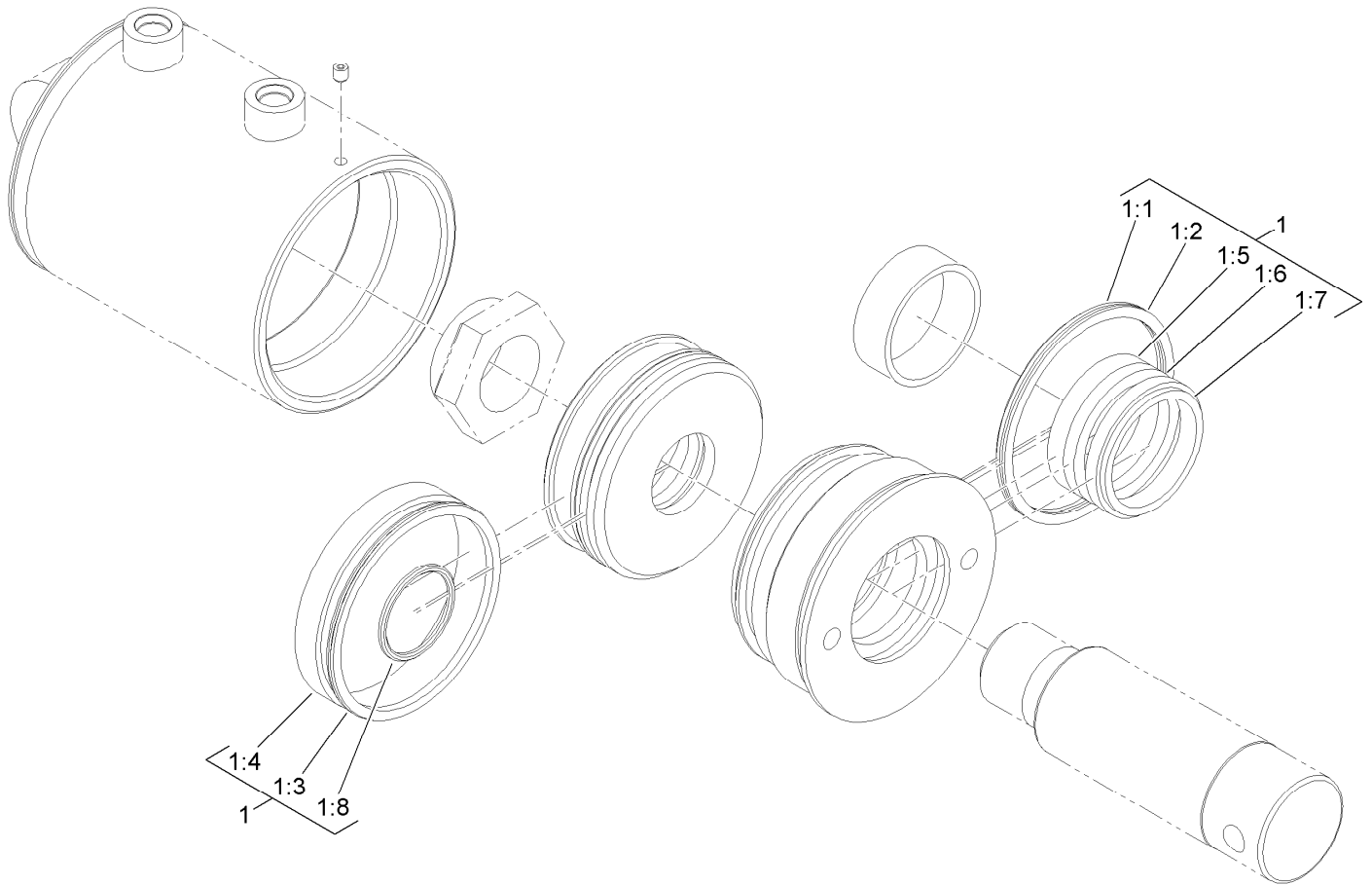
Rod Wrench and Clamp Assembly



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	10	33108-060	4	Screw-HHF
2	340-82	6	Adapter ASM	11	AU100529	4	Nut-HHF
2:1	237-42	1	O-Ring	12	AU109676	1	Bushing-Spring
2:2	237-21	1	O-Ring	13	AU109885	1	Pin-Clevis
4	3272-12	2	Pin-Cotter	14	AU111505-03	1	Base-Fixed Clamp
5	3272-42	2	Pin-Cotter	15	AU112270-03	6	Plate-Shim
6	33104-020	2	Screw-HHF	16	AU115060-03	1	Pin-Retaining (W/ TAP Holes)
7	33106-030	2	Screw-HHF	17	AU115061	1	Block-Stop, Cylinder
8	AU12GB6020	2	Moving Die Holder ASM	18	AU12GB6001-03	1	Wrench
8:1	AU12GB6021	1	Holder-Die, Moving	19	AU12GB6010-03	1	Retainer-Pivot Key, Wrench
8:2	AU12GB6027	2	Retainer-Die	20	AU12GB6014	1	Key-Pivot, Wrench
8:3	AU12GB6036	2	Tong-Die	21	AU12GB6041-03	1	Clamp-Rotating, Wrench
8:4	3289-4	4	Screw-FH	22	AU12GB6055	2	Pin-Flagged
9	AU12GB6025	2	Fixed Die Holder ASM	23	AU12GB6057	1	Pin-Cylinder
9:1	AU12GB6026	1	Holder-Die, Fixed	24	AU8CT61601	1	Pin-Dowel
9:2	AU12GB6027	2	Retainer-Die	25	AU8HC21004	1	HYD Cylinder ASM
9:3	AU12GB6036	2	Tong-Die	26	AU12GB6056	2	Pin-Spring
9:4	AU8HS51214	1	Seal, O-Ring	27	33104-016	4	Screw-HHF
9:5	3289-4	4	Screw-FH				

Hydraulic Cylinder Assembly No. 125-4464



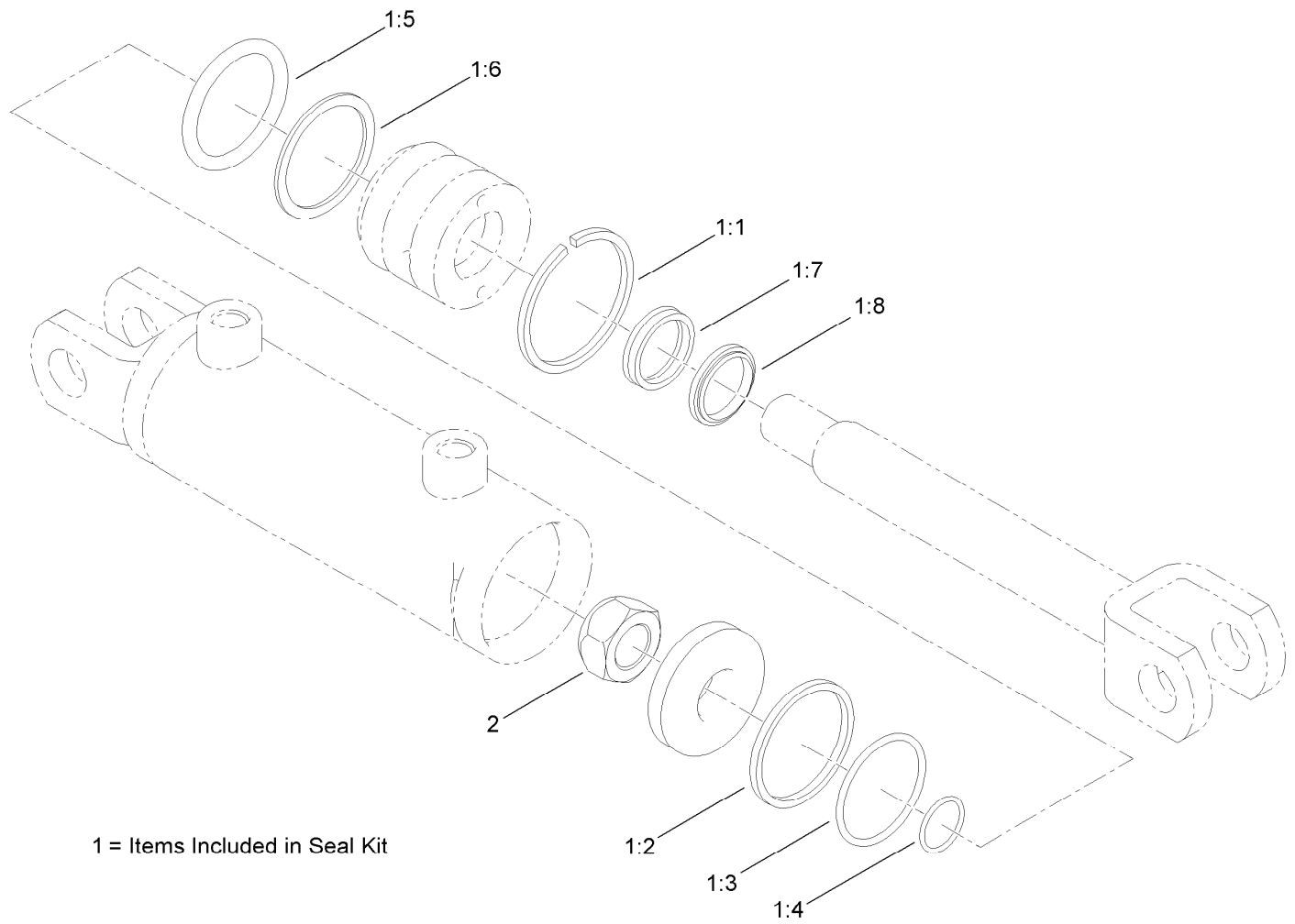
Hydraulic Cylinder Assembly No. 125-4464 (continued)

<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



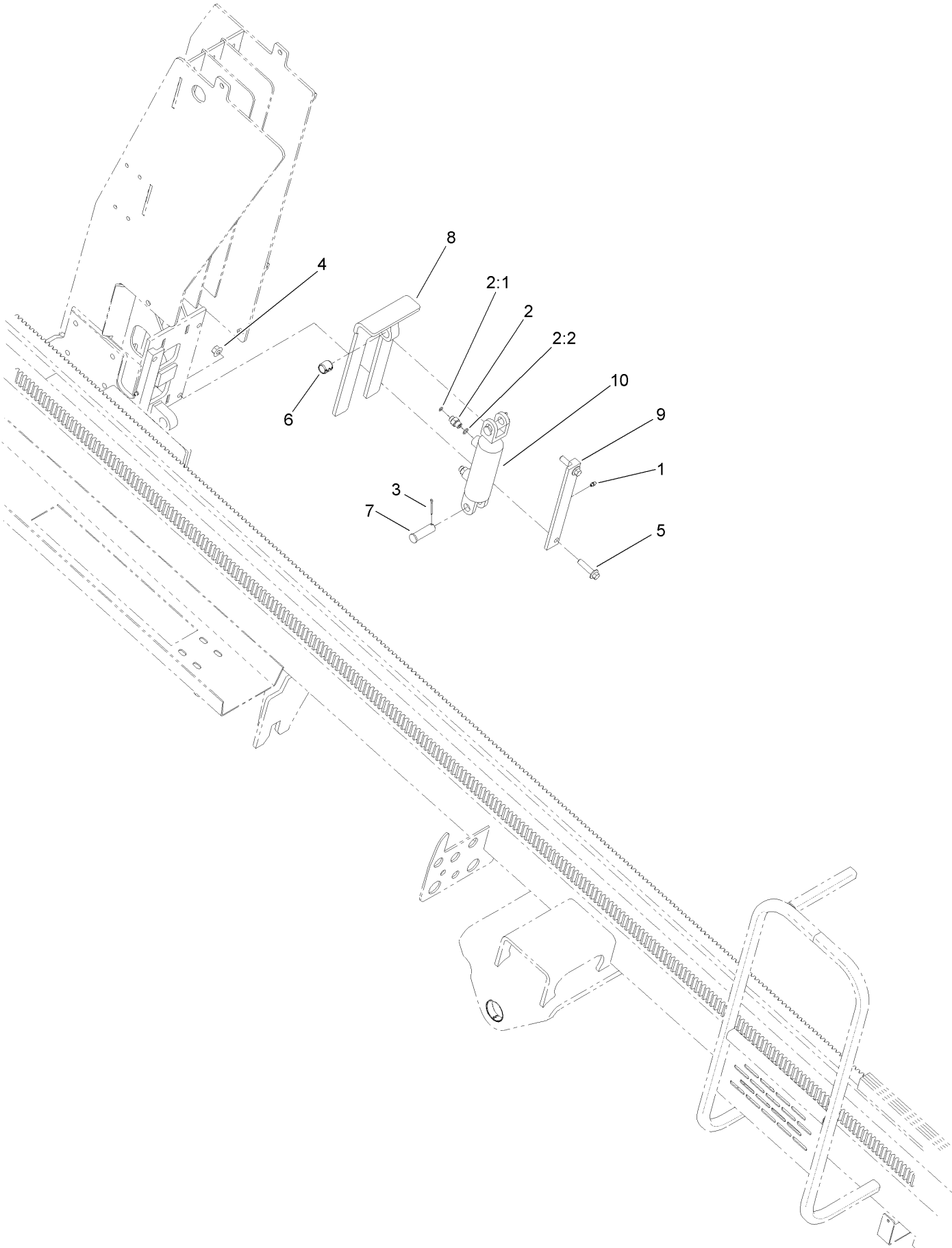
Hydraulic Cylinder Assembly No. AU8HC21004 (continued)

<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	112-3982	1	O-Ring ●
1:6		1	Washer-Back Up ●
1:7		1	Seal-U Cup ●
1:8		1	Wiper ●
2		1	Nut-Lock

● Not serviced separately

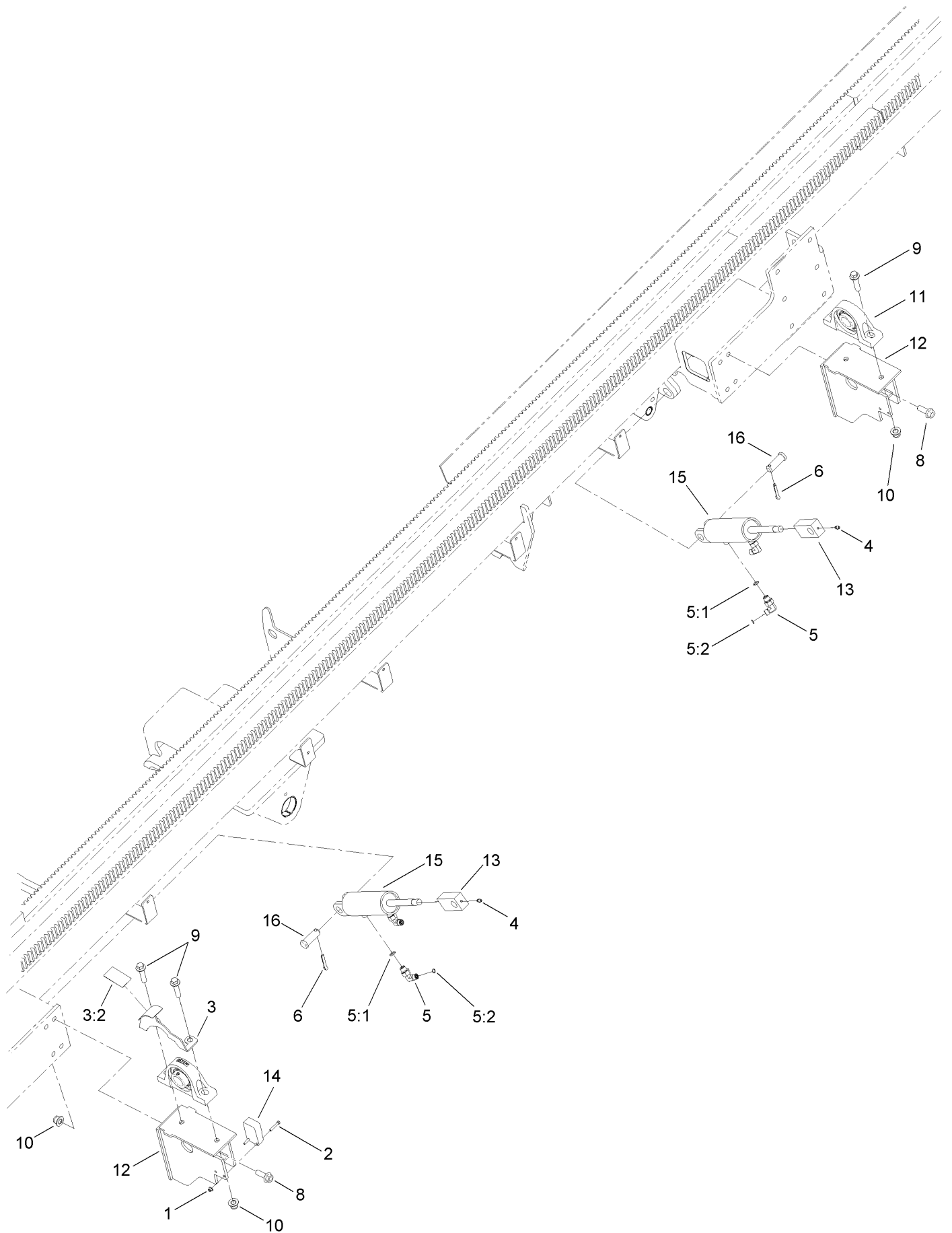
Rod Elevator and Cylinder Assembly



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

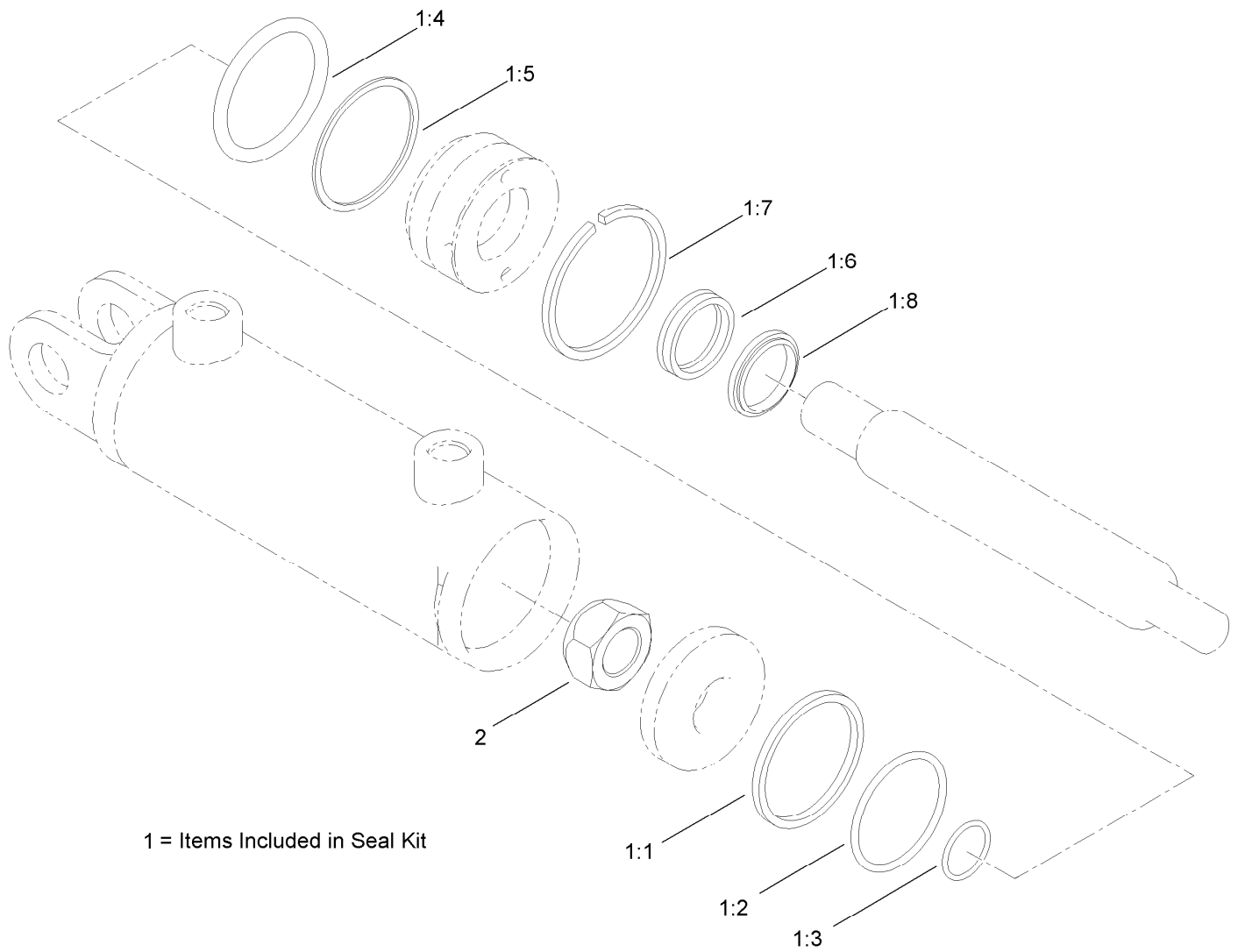


Rod Box Bearing and Cylinder Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-4580	2	Nut-HF
2	127-0952	2	Screw-HSH
3	127-0917	1	Row Indicator ASM
3:2	125-6122	1	Decal-Row Selector
4	302-57	2	Fitting-Grease
5	340-82	4	Adapter ASM
5:1	237-42	1	O-Ring
5:2	237-21	1	O-Ring
6	3272-30	2	Pin-Cotter

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	AU100416	8	Screw-Hfh
9	AU100348	4	Screw-HHF
10	AU100528	12	Nut-HHF, Lock
11	AU109963	2	Bearing-Pillow
12	AU109966-03	2	Mount-Bearing
13	AU12GB7338-03	2	Eye-Rod, Cylinder
14	AU8EP65159	1	Switch-Proximity
15	AU8HC20005	2	HYD Cylinder ASM
16	AUH30262	2	Pin-Clevis

Hydraulic Cylinder Assembly No. AU8HC20005



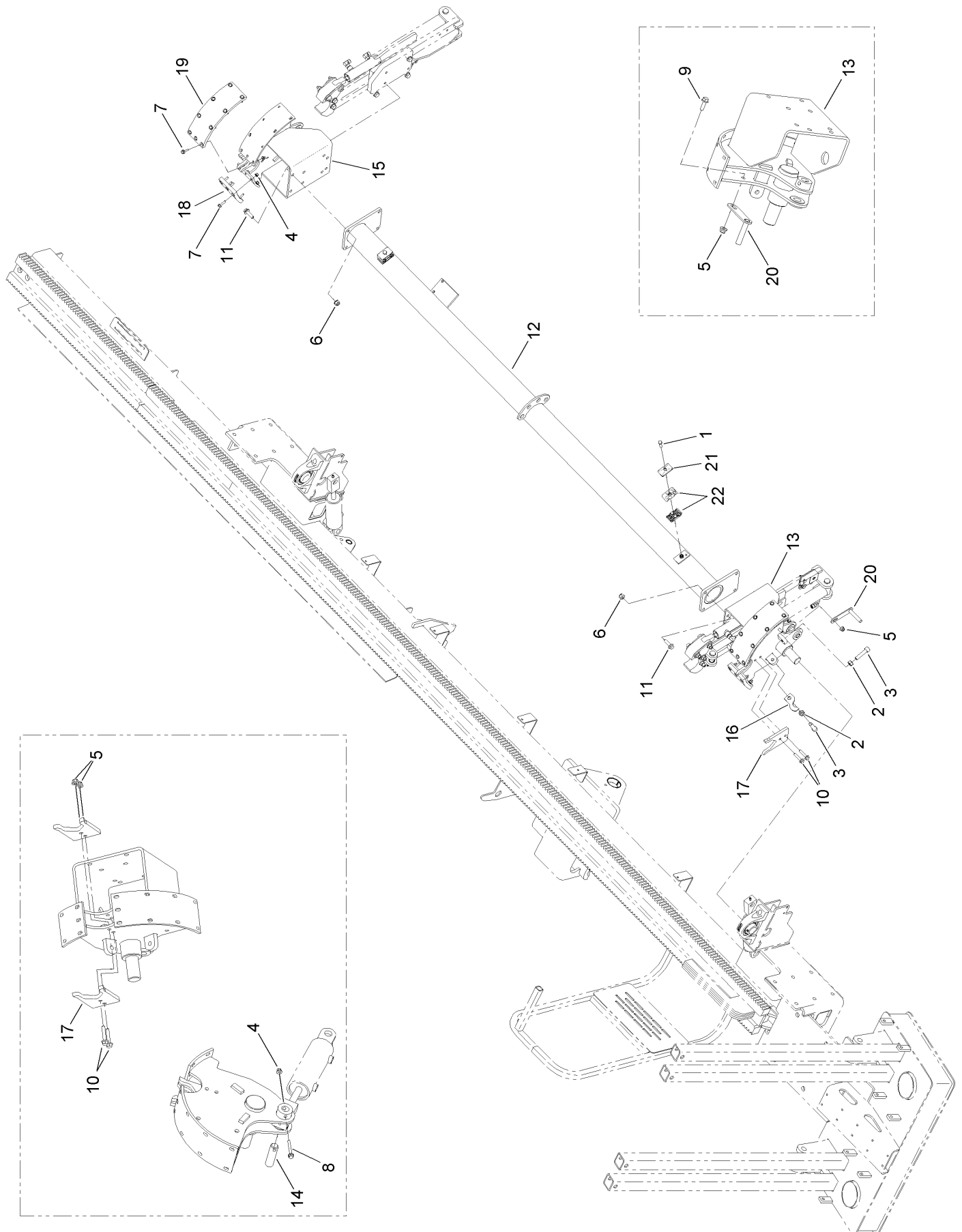
Hydraulic Cylinder Assembly No. AU8HC20005 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-8350	1	Seal Kit
1:1		1	Seal-Teflon ●
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 ●
2	112-3982	1	Nut-Lock

● Not serviced separately

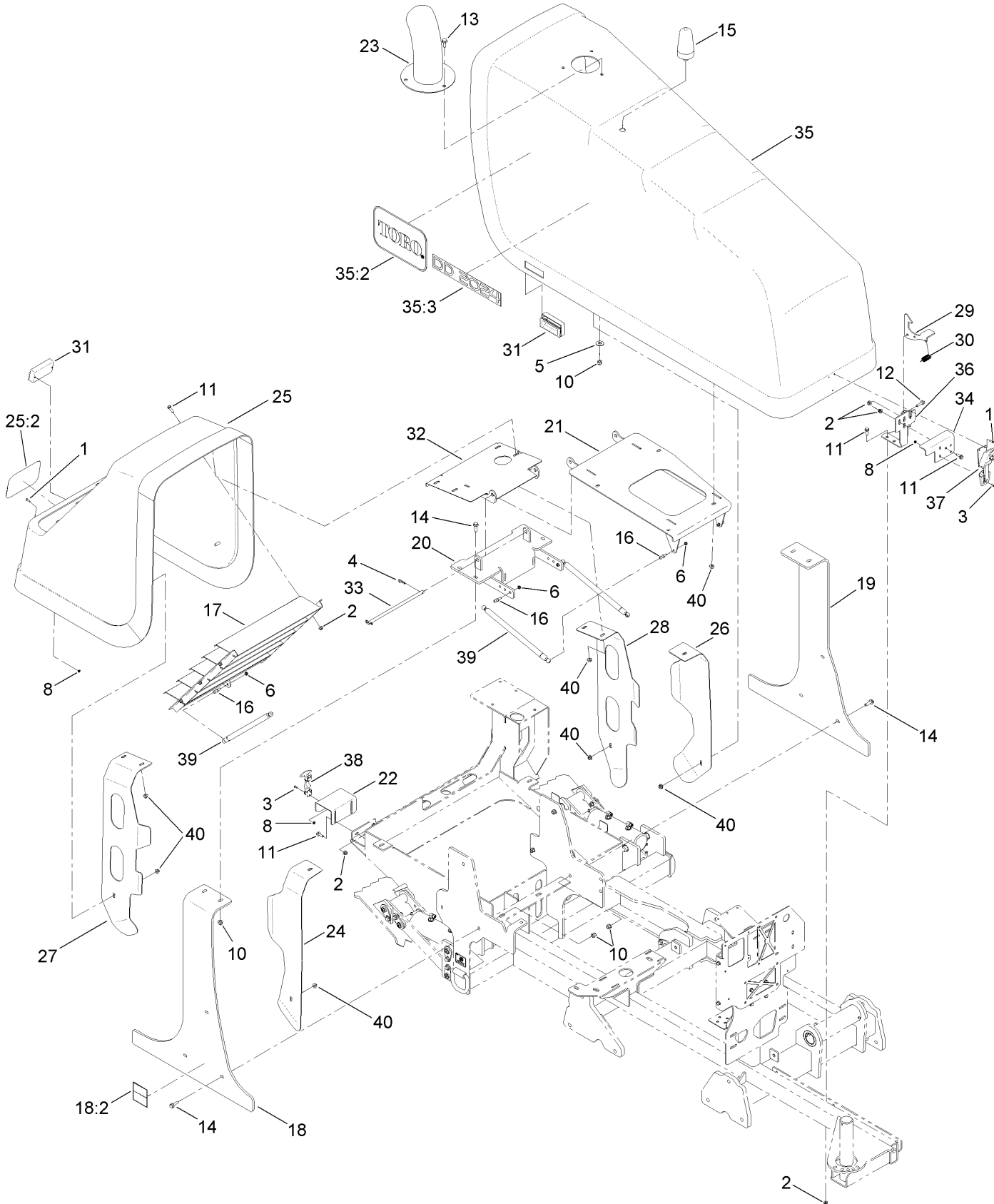
Rod Cam Assembly



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-Rod Loader
2	AU829-1412	4	Nut	13	AU109517-03	1	Cam
3	AU864-12050	4	Screw-HSFH	14	AU109680	2	Pin-Straight
4	81-0130	30	Nut-Flange, NI	15	AU110318-03	1	Cam
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)

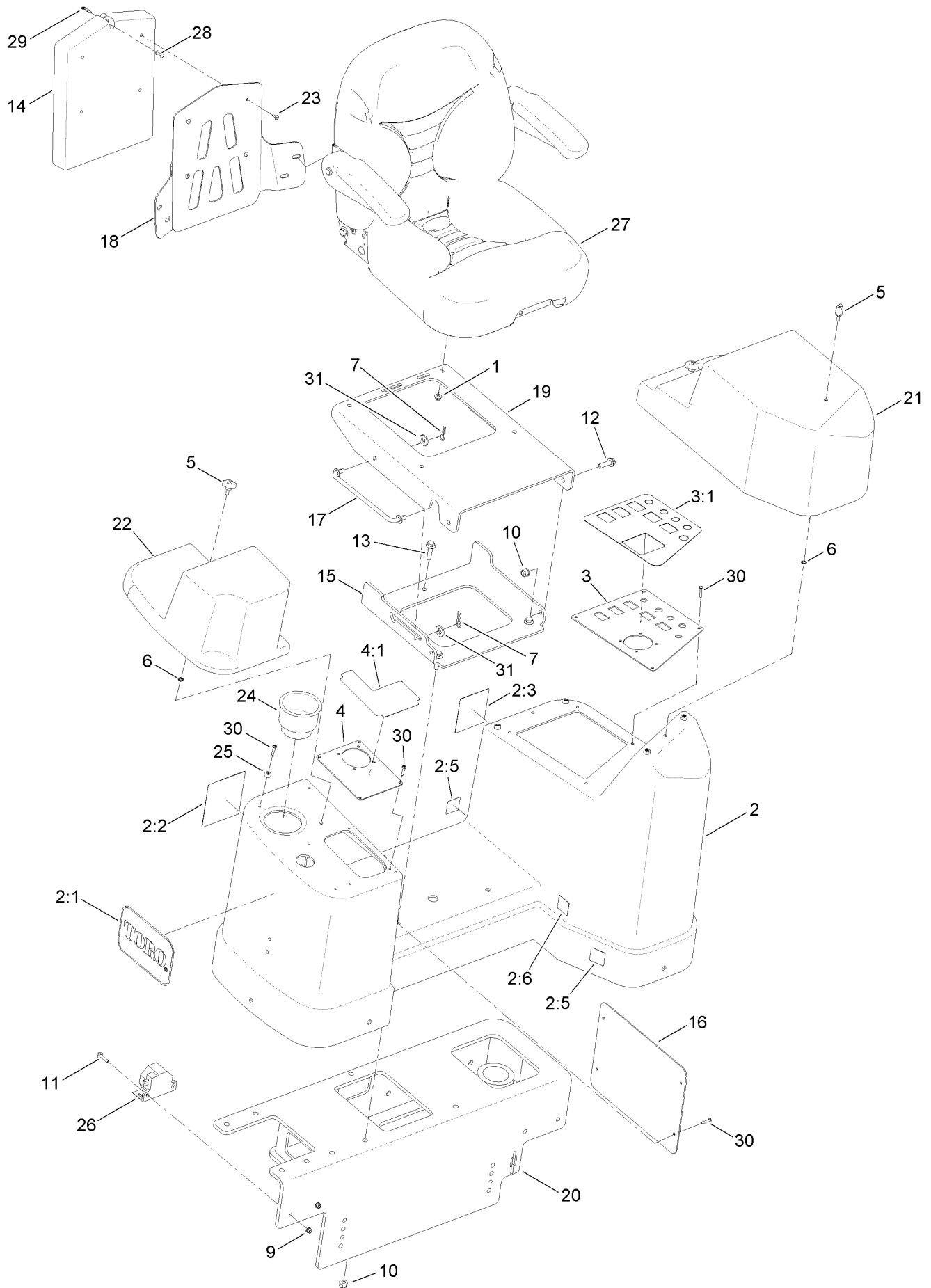
Hood Assembly



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, .75In	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

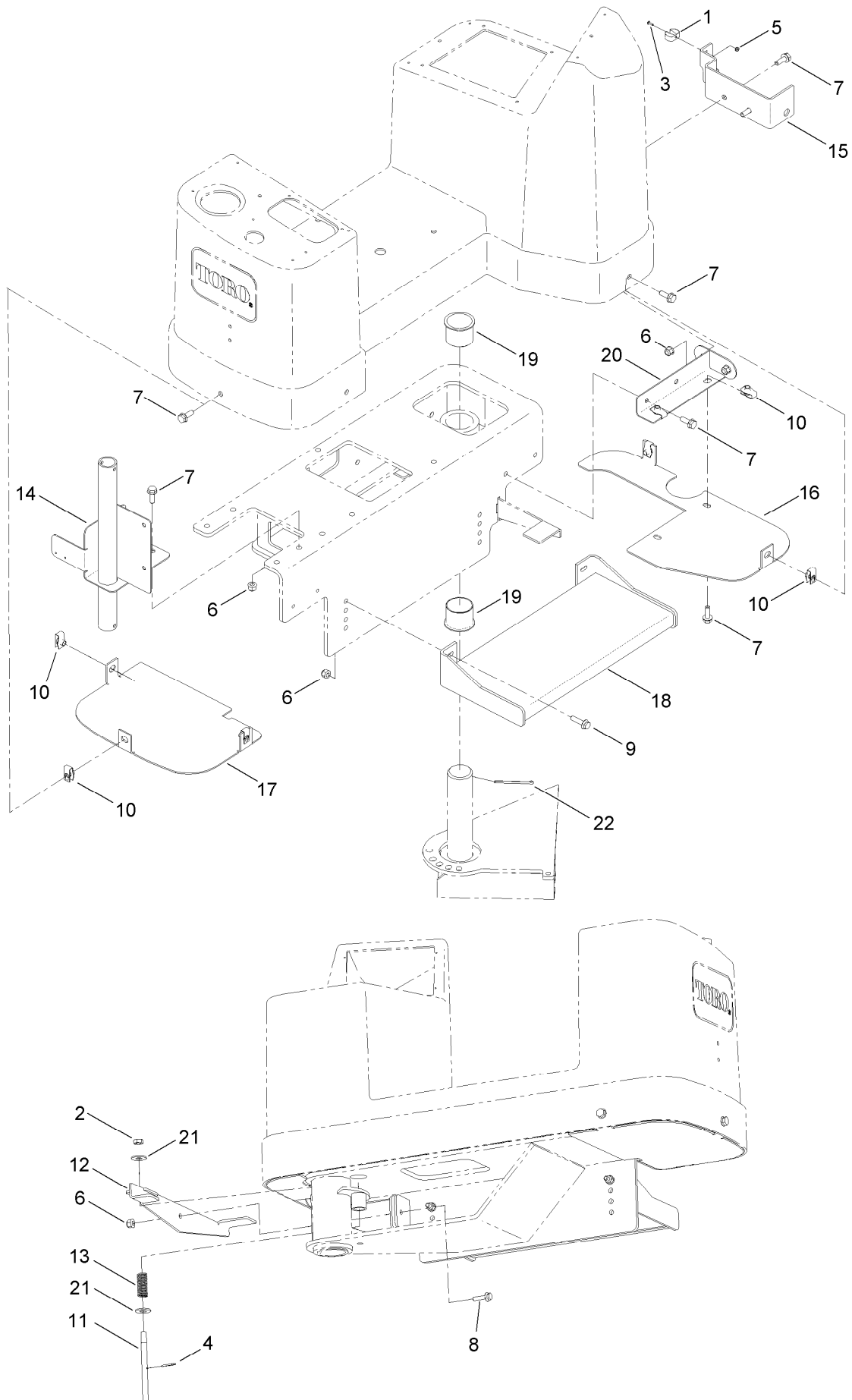
Operator Platform Assembly



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	13	33105-040	3	Screw-HHF
2	127-0900	1	Operator Console ASM	14	AU103216	1	Holder-Manual
2:1	62-7400	1	Decal	15	AU108632-03	1	Plate-Seat Mount, Bottom
2:2	125-6109	1	Decal-Danger, Shock	16	AU108634-03	1	Plate-Seat, Inside Panel
2:3	125-6116	1	Decal-Danger, No Riders (Front)	17	AU109357	1	Rod-Prop, Seat
2:5	125-6140	2	Decal-Seat Adjust	18	AU111717-03	1	Plate-Mount, Manual
2:6	125-6152	1	Decal-Seat Slide	19	AU117641-03	1	Plate-Seat Mount, Top
3	127-0901	1	Switch Plate ASM	20	AU125016-03	1	Console-Operators
3:1	125-6112	1	Decal-Joystick, Left	21	130-4494	1	Cover-Console, LH
4	127-0902	1	Joystick Mounting Plate ASM	22	130-4495	1	Cover-Console, RH
4:1	125-6125	1	Decal-Joystick, Right	23	114439	4	Rivet-Pop
5	98-8332	3	Knob	24	AU8EO24121	1	Cup-Holder
6	104-8310	3	Ring-Retaining	25	AU8EO24122	8	Grommet-Rubber
7	3290-467	2	Pin-Hair	26	AU8EP29105	1	Alarm-Backup
9	81-0130	2	Nut-Flange, NI	27	AU8EP47010	1	Operator Seat ASM (Static)
10	103-9511	5	Nut-Lock, NI	28	AUR46463	1	Post-Manual
11	33103-030	2	Screw-HHF	29	AUR46465	1	Lanyard
12	33105-035	2	Screw-HHF	30	ST80070	20	Screw-PPH
				31	AU496-21053	2	Washer-Flat (Hardened)

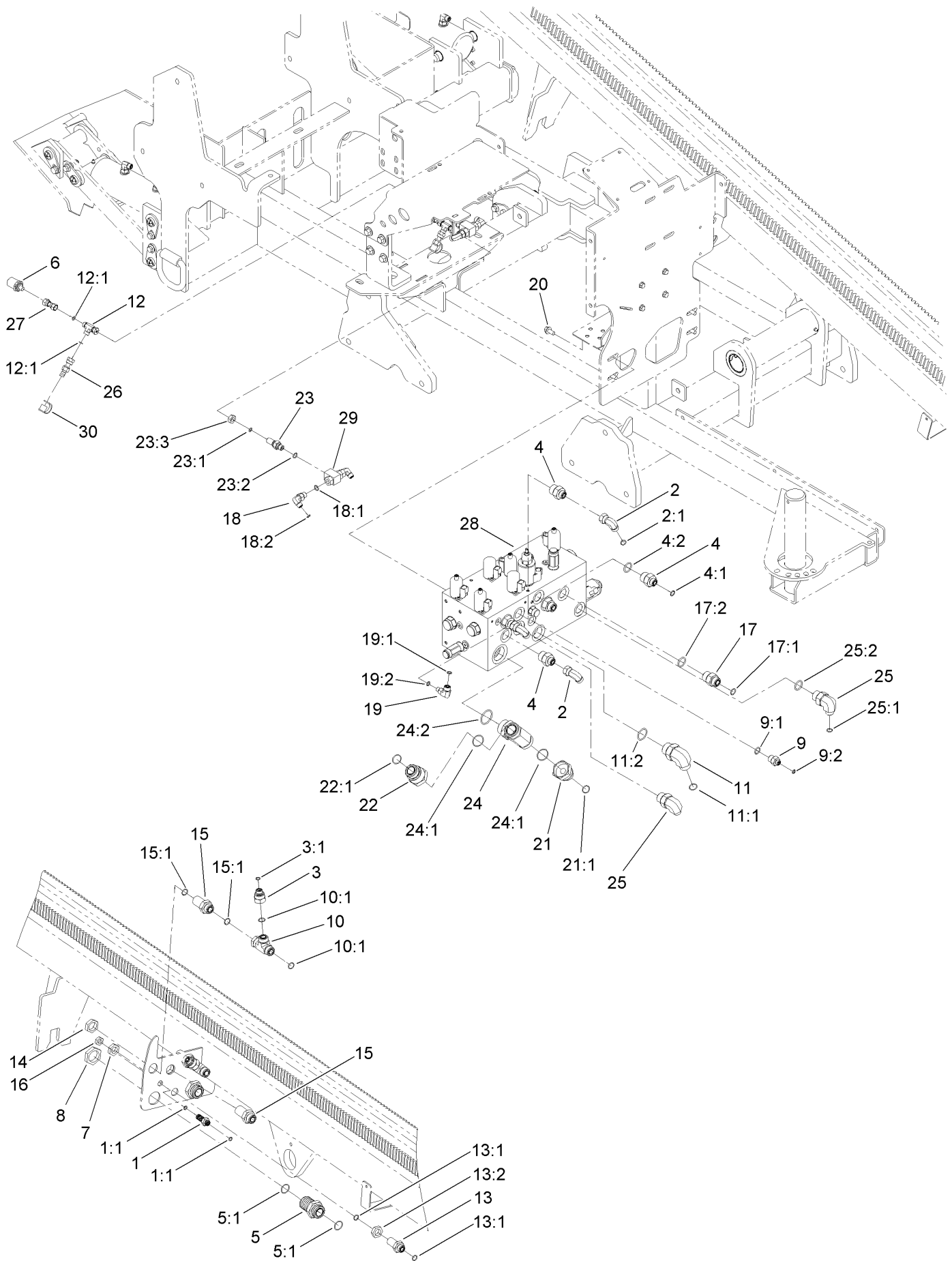
Platform Step, Splash Guard and Umbrella Mount Assembly



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

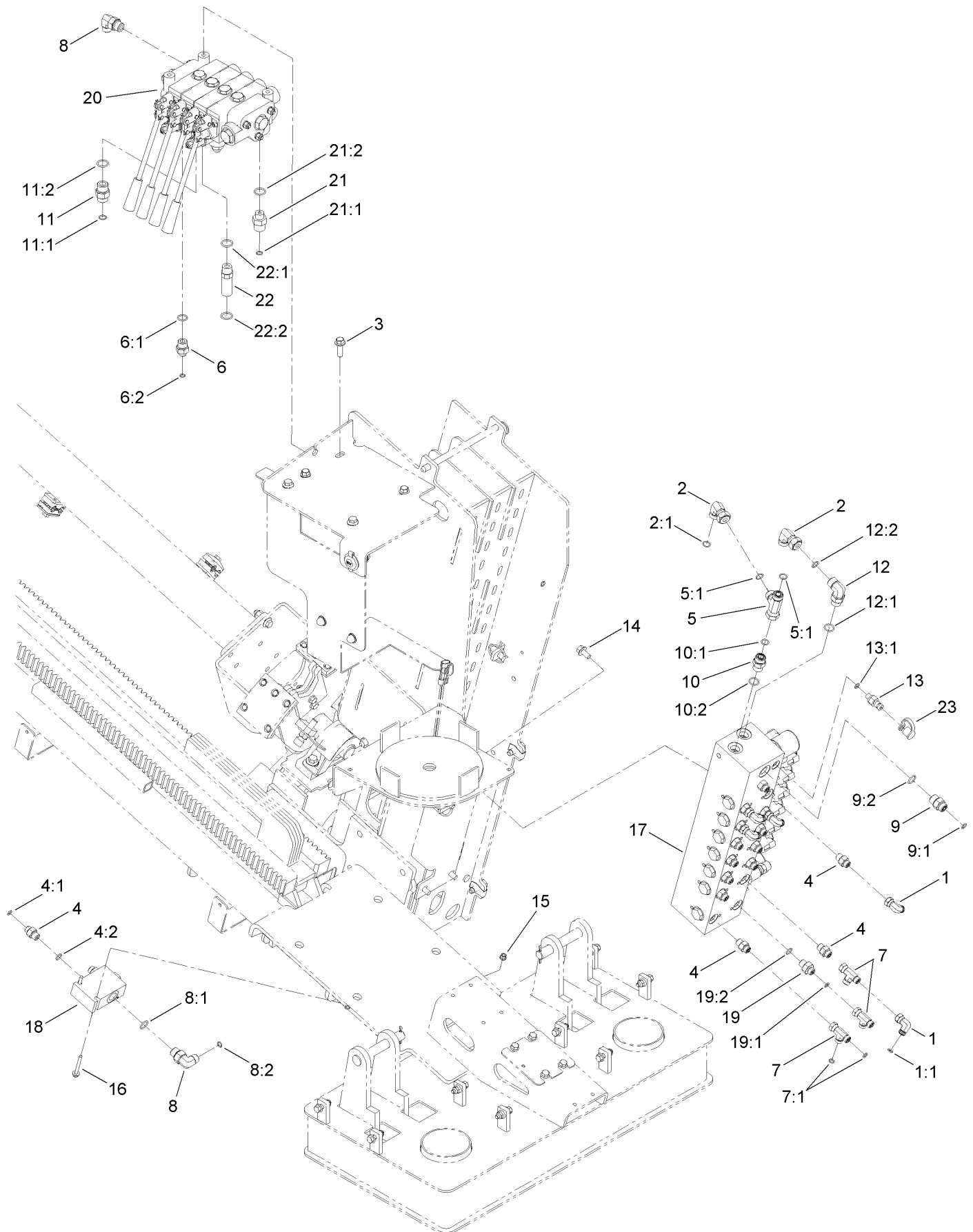
4 Section Hydraulic Valve and Fitting Assembly



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	Adapter ASM
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-6000Psi	21	125-4533	1	Fitting-Straight
7	340-127	1	Nut-Bulkhead	21:1	237-58	1	O-Ring
8	340-128	2	Nut-Bulkhead	22	AU8OA82016	1	Fitting-Reducer
9	340-133	1	Adapter ASM	22:1	340-65	1	O-Ring
9:1	237-79	1	O-Ring	23	AU8OAA0406	2	Fitting-Straight
9:2	237-21	1	O-Ring	23:1	237-21	1	O-Ring
10	340-147	2	Fitting-HYD, Tee	23:2	237-42	1	O-Ring
10:1	237-65	2	O-Ring	23:3	340-78	1	Nut-Lock
11	340-15	1	Fitting-HYD, 90 DEG	24	AU8OB32020	1	Fitting-Tee
11:1	237-58	1	O-Ring	24:1	340-64	2	O-Ring
11:2	237-146	1	O-Ring	24:2	237-101	1	O-Ring
12	340-151	2	Fitting-HYD	25	340-131	2	Fitting-HYD, 90 DEG
12:1	237-75	2	O-Ring	25:1	237-30	1	O-Ring
13	340-161	1	Fitting-Bulkhead	25:2	237-81	1	O-Ring
13:1	237-30	2	O-Ring	26	115-8886	2	Nipple-Test
13:2	340-127	1	Nut-Bulkhead	27	AU8SA60404	2	Fitting-Straight
14	340-74	3	Nut-Lock, Bulkhead	28	AU114175	1	4 Section HYD Valve ASM
15	340-76	3	Fitting-Bulkhead Union, Straight	29	AU270083	2	Valve-Shuttle, Load
15:1	237-65	2	O-Ring	30	354-79	2	Cap-Dust

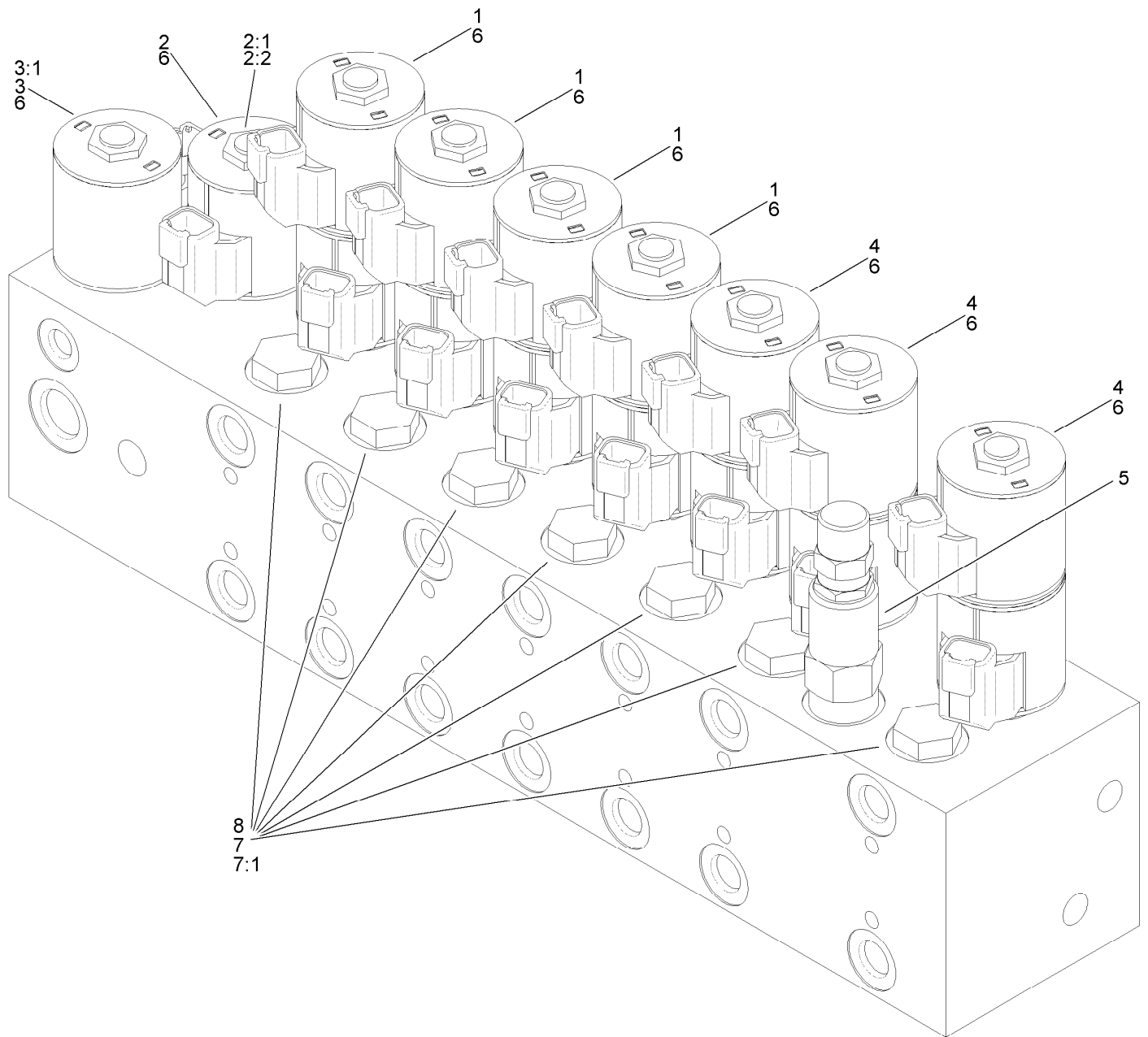
9 Section and 4 Spool Valve Assembly



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	11:1	237-30	1	O-Ring
1:1	237-21	1	O-Ring	11:2	237-80	1	O-Ring
2	94-6031	2	Fitting-HYD	12	340-98	1	Fitting-HYD, 90 DEG
2:1	237-30	1	O-Ring	12:1	237-79	1	O-Ring
3	119-4061	3	Screw-HHF	12:2	237-30	1	O-Ring
4	340-1	16	Fitting-HYD, Straight	13	354-77	1	Fitting-Quick
4:1	237-21	1	O-Ring	13:1	237-78	1	O-Ring
4:2	237-42	1	O-Ring	14	3234-1	4	Screw-HHF
5	340-104	1	Fitting-HYD, Tee	15	81-0130	2	Nut-Flange, NI
5:1	237-30	2	O-Ring	16	33103-050	2	Screw-HHF
6	340-133	7	Adapter ASM	17	AU111494	1	9 Section HYD Valve ASM
6:1	237-79	1	O-Ring	18	AU112323	1	HYD Flow Divider Valve ASM
6:2	237-21	1	O-Ring	19	AU112767	1	Fitting-Straight
7	340-151	3	Fitting-HYD	19:1	237-21	1	O-Ring
7:1	237-75	2	O-Ring	19:2	237-42	1	O-Ring
8	340-18	2	Fitting-HYD, 90 DEG	20	AU8HV80159	1	4 Spool HYD Valve ASM
8:1	237-79	1	O-Ring	21	340-141	1	Fitting-HYD, Straight
8:2	237-22	1	O-Ring	21:1	237-22	1	O-Ring
9	340-3	1	Adapter	21:2	237-80	1	O-Ring
9:1	237-22	1	O-Ring	22	94-2628	1	Adapter-HYD
9:2	237-79	1	O-Ring	22:1	237-79	1	O-Ring
10	340-4	1	Fitting-HYD, Straight	22:2	237-30	1	O-Ring
10:1	237-30	1	O-Ring	23	354-79	1	Cap-Dust
10:2	237-79	1	O-Ring				
11	340-6	1	Fitting-HYD, Straight				

9 Section Hydraulic Valve Assembly No. AU111494

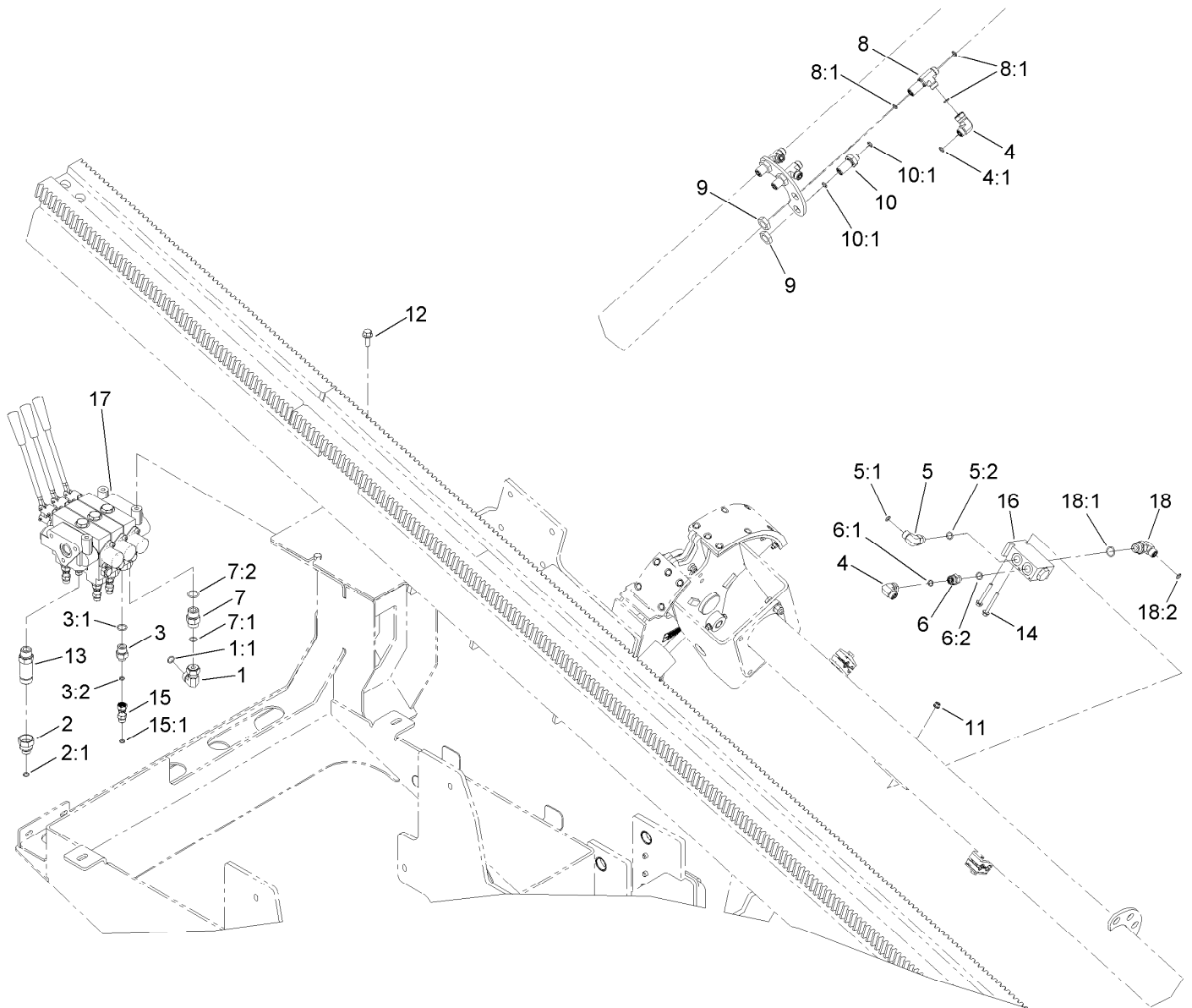


9 Section Hydraulic Valve Assembly No. AU111494 (continued)

<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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	AU116738	3	Solenoid ASM
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

3 Spool Hydraulic Valve and Fitting Assembly

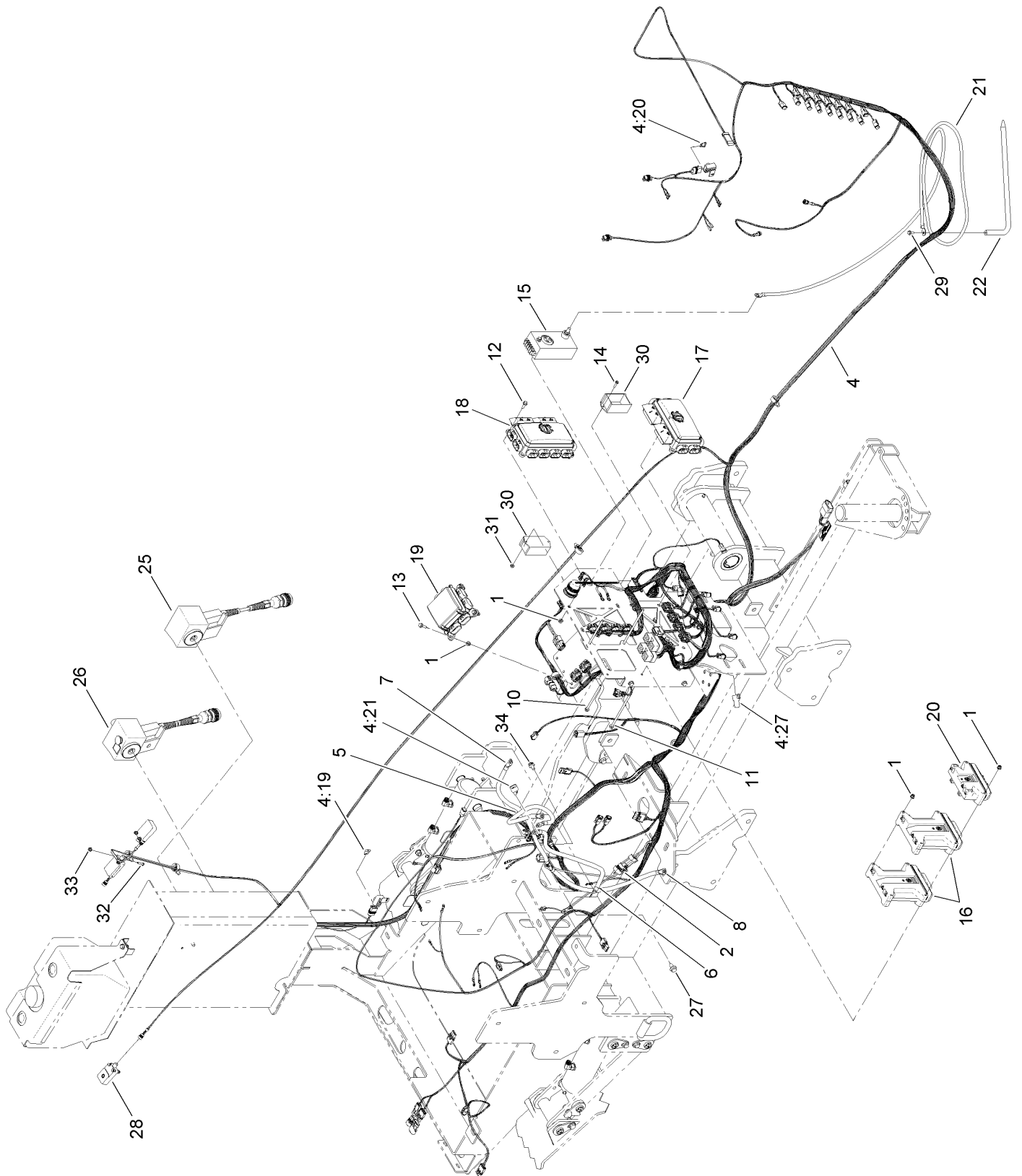


3 Spool Hydraulic Valve and Fitting Assembly (continued)

<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	9	340-70	4	Nut-Lock
1:1	237-30	1	O-Ring	10	340-71	1	Fitting-Straight, Bulkhead
2	98-7067	1	Fitting-HYD	10:1	237-22	2	O-Ring
2:1	237-22	1	O-Ring	11	81-0130	2	Nut-Flange, NI
3	340-133	6	Adapter ASM	12	3234-11	3	Screw-HHF
3:1	237-79	1	O-Ring	13	AU8OA41010	1	Connector
3:2	237-21	1	O-Ring	14	33103-050	2	Screw-HHF
4	340-159	2	Fitting-HYD, 90 DEG	15	AU111506	6	Fitting-Straight
4:1	237-22	2	O-Ring	15:1	237-21	1	O-Ring
5	340-77	1	Fitting-HYD, 90 DEG	16	AU112323	1	HYD Flow Divider Valve ASM
5:1	237-22	1	O-Ring	17	AU8HV80153	1	3 Spool HYD Valve ASM
5:2	237-42	1	O-Ring	17:1	AU8HV80153-1	1	Svl Replacement Seal Kit ●
6	340-2	1	Fitting-HYD, Straight	17:2	AU8HV80010-12	1	Seal Kit (O-Ring Inlet Section) ●
6:1	237-22	1	O-Ring	17:3	AU8HV80010-13	1	Seal Kit (O-Ring Outlet Section) ●
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				
8	340-68	3	Fitting-Tee, Bulkhead				
8:1	237-22	3	O-Ring				

● Not illustrated

Electrical Assembly

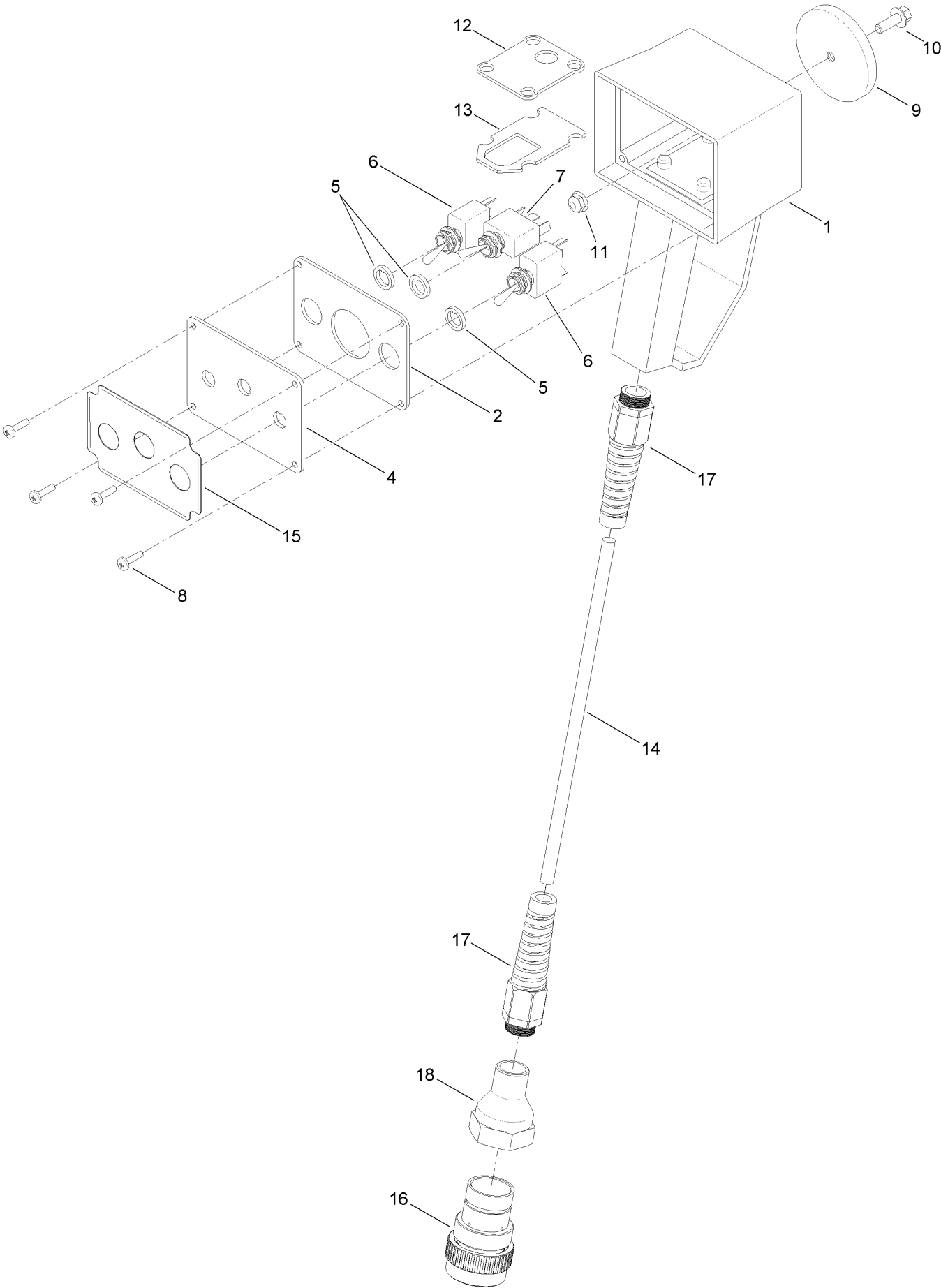


Electrical Assembly (continued)

<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	17	AU113667	1	Box-Vec, Main (A)
2	99-3441	1	Harness-Wire, Fusible Link	18	AU113668	1	Box-Vec, Main (B)
4	121-6586	1	Harness-Wire, Main	19	AU113669	1	Box-Vec, Main (C)
4:19	109355	1	Fuse-Blade, 15 Amp	20	AU117892	1	Computer-Expander, Output
4:20	110928	1	Fuse-Blade, 5 Amp	21	AU124406	1	Cable-Alert, Strike
4:21	100-4918	1	Diode-Over Molded	22	AU109224	1	Bar-Stake, Ground
4:27	32180-043	3	Resistor-120 Ohm	25	125-1627	1	Life Jacket ASM
5	122-0080	1	Cable-Battery, Positive	26	125-1629	1	Travel Pendant ASM
6	122-0081	1	Cable-Battery, Positive	27	33105-020	1	Screw-HHF
7	122-0082	1	Cable-Battery, Negative	28	AU8EP65159	3	Switch-Proximity
8	122-0083	1	Cable-Battery, Negative	29	114-8414	1	Screw-HHF
10	125-4526	2	Screw-HHF	30	AU115133	2	Connector-Pack, Resistor
11	125-4527	2	Screw-HHF	31	32128-17	2	Nut-Lock, Flange
12	33103-020	8	Screw-HHF	32	127-0952	6	Screw-HSH
13	33103-025	4	Screw-HHF	33	120-4580	6	Nut-HF
14	106-9169	2	Screw-HWH	34	32180-031	1	Clip-Tree (W/Tie)
15	AU8EE27103	1	Relay	99	AU8EE27104	1	Tester-Zapalert ●
16	AU103217	2	Controller-Micro, 50-Pin				

● Not illustrated

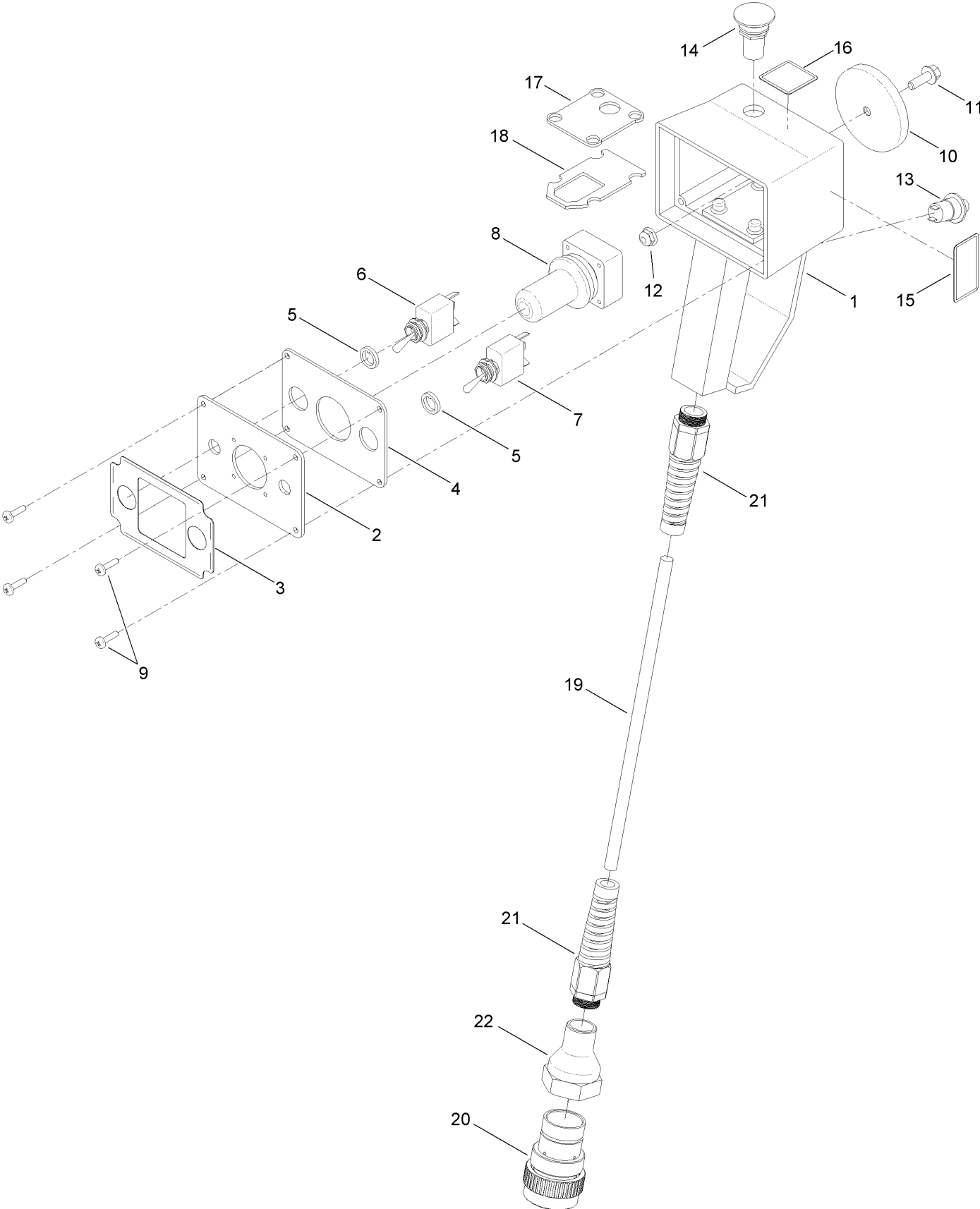
Life Jacket Assembly No. 125-1627



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-HF
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	125-1645	1	Decal-Life Jacket
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				

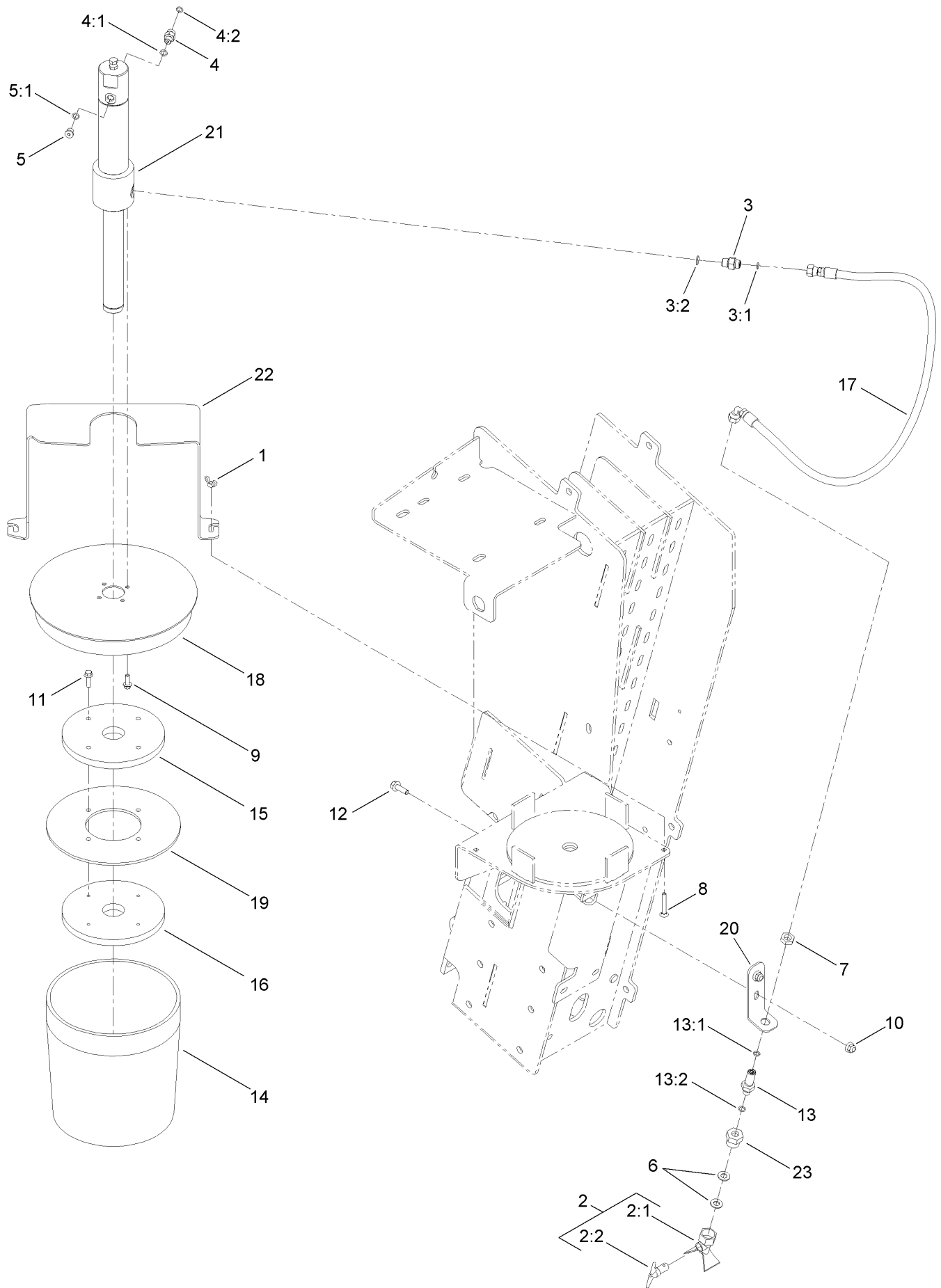
Travel Pendant Assembly No. 125-1629



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	104-7201	1	Nut-HF
2	125-1636	1	Plate-Joystick	13	125-1616	1	Switch-Momentary
3	125-1641	1	Decal-Travel Pendant	14	125-1592	1	Switch-Push Button
4	125-1643	1	Gasket-Enclosure	15	125-1621	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	125-1630	4	Screw-PPH	20	32160-404	1	Plug-Connetor
10	T0002-8729	1	Magnet-Ceramic, Encased	21	125-1632	1	Grip-Cord
11	120-9678	1	Screw-HHF	22	125-1625	1	Coupler

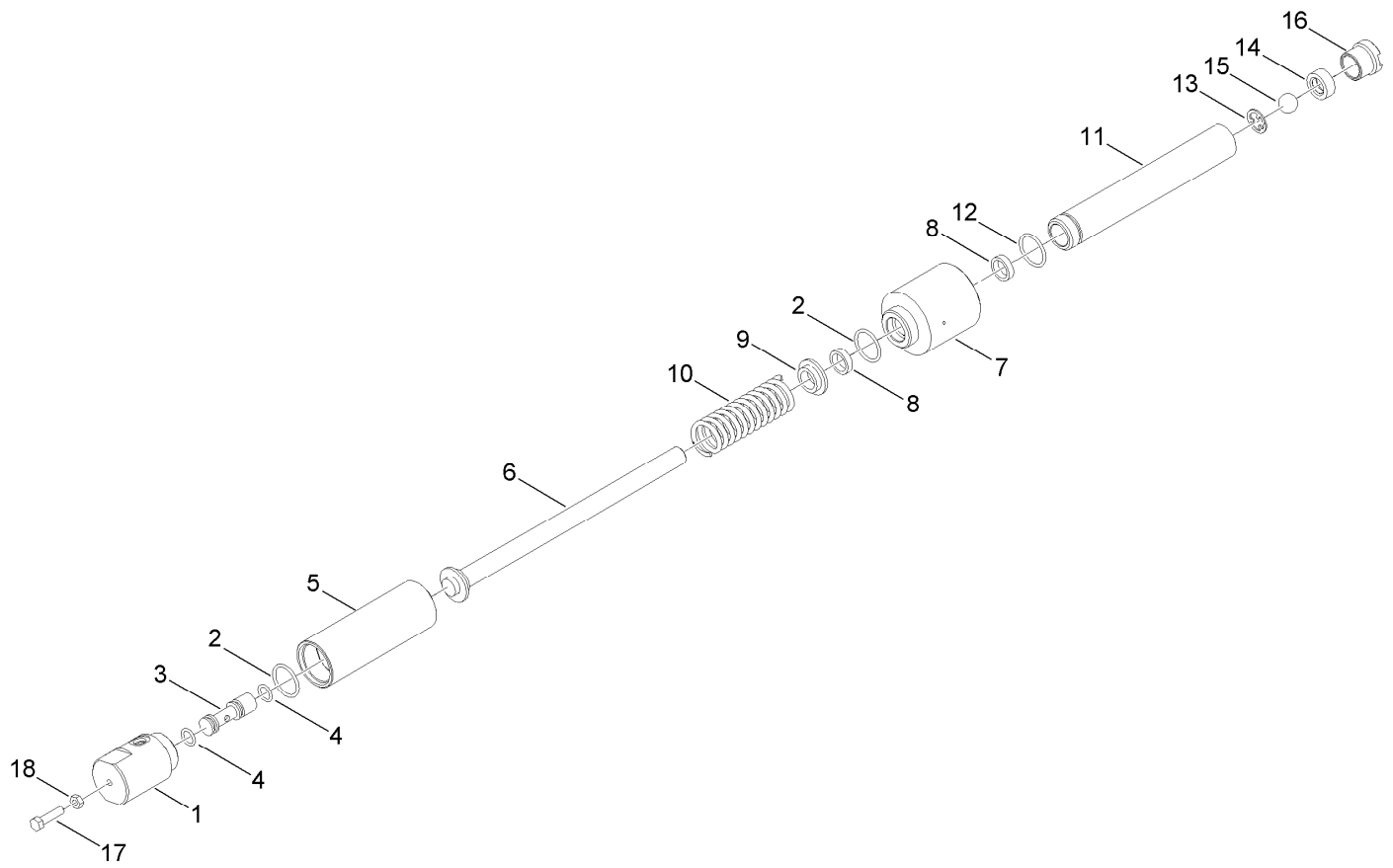
Tool Joint Lube Applicator Assembly



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-Airless, Spray	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	3229-5	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

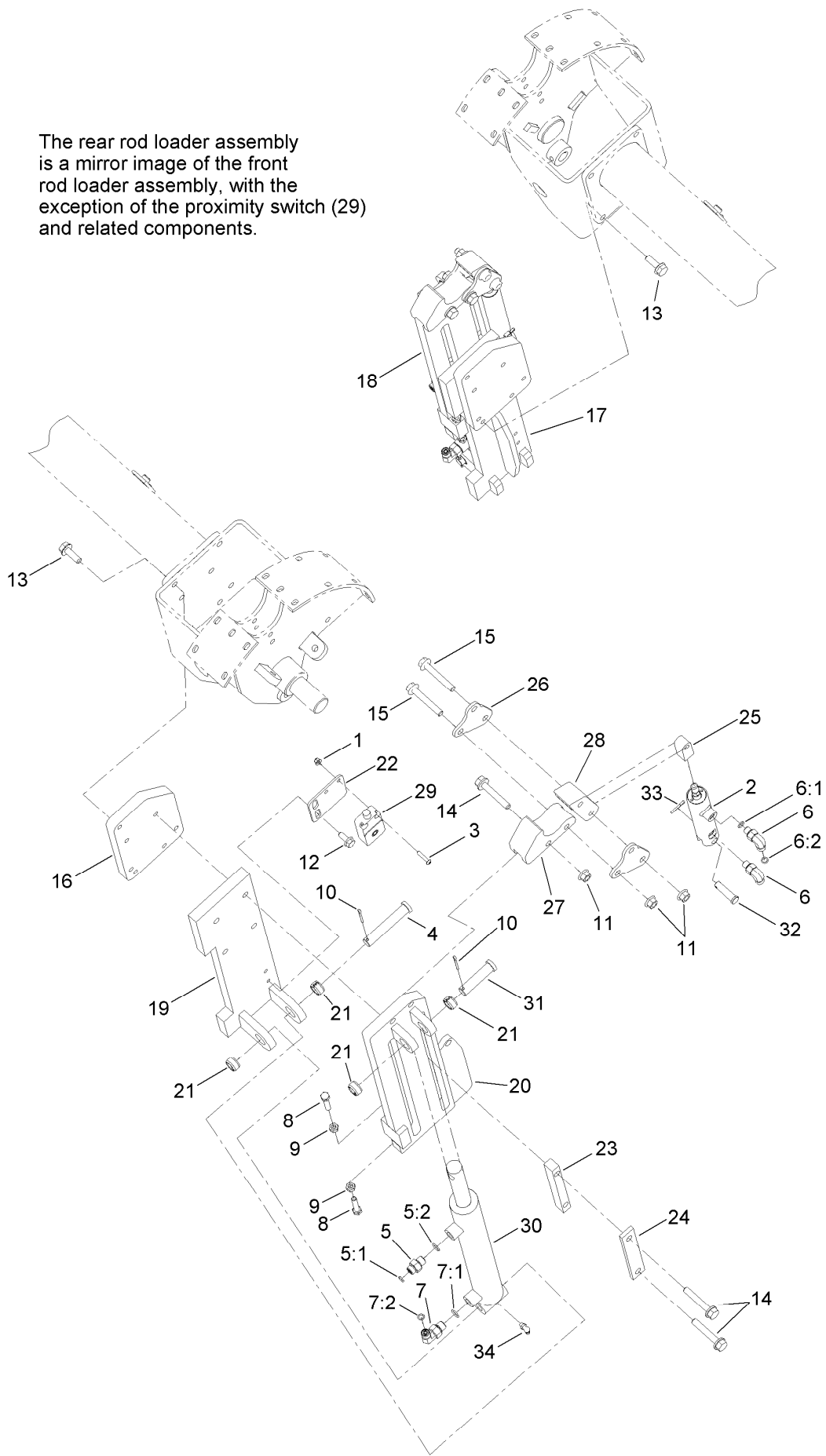


Grease Pump Assembly No. AU108837 (continued)

<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	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

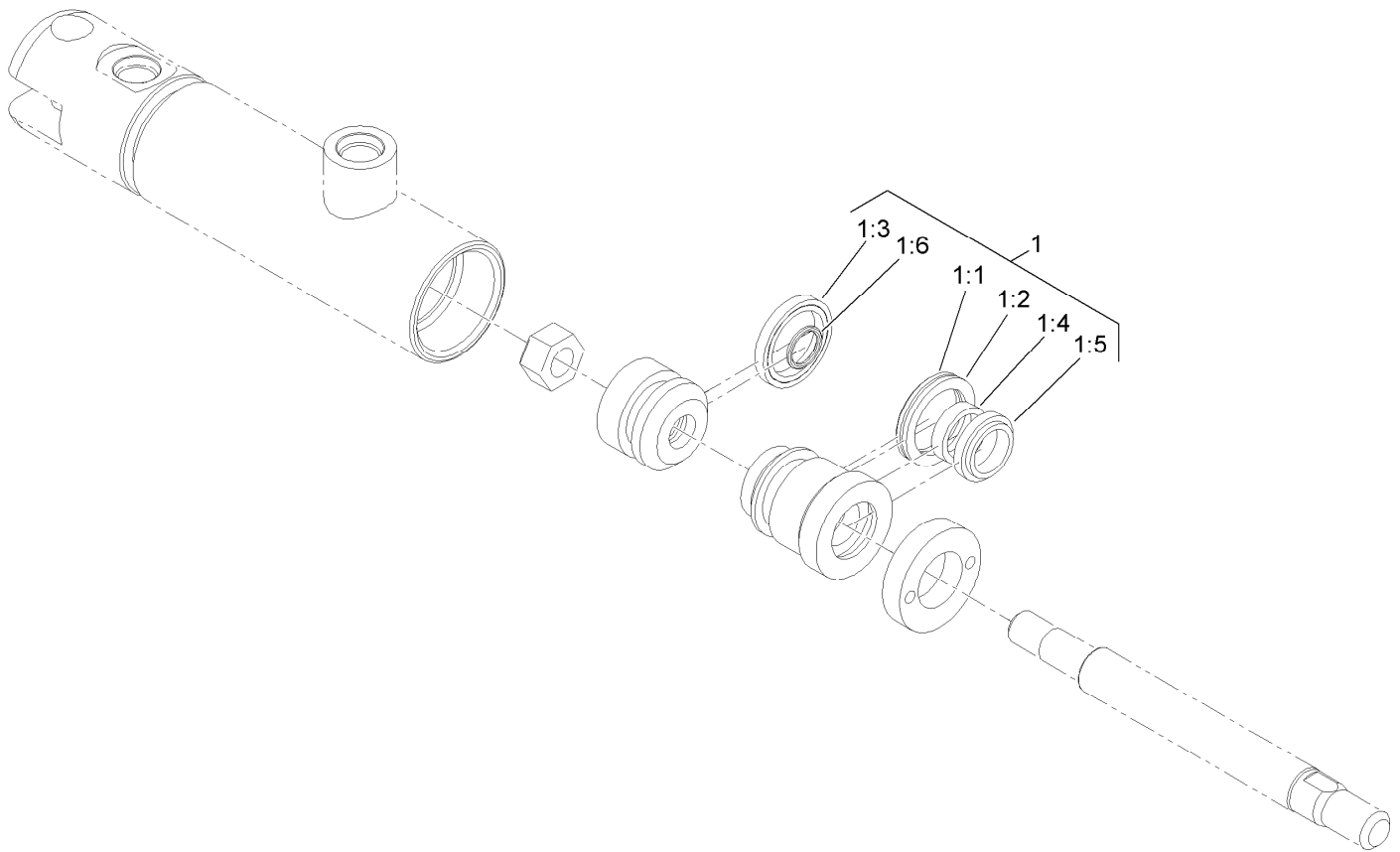
The rear rod loader assembly is a mirror image of the front rod loader assembly, with the exception of the proximity switch (29) and related components.



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	17	AU109581-03	1	Arm-Extension
2	125-4463	2	HYD Cylinder ASM	18	130-4499-03	1	Rear Slider Extension As [black]
3	127-0952	2	Screw-HSH	19	AU109731-03	1	Arm-Extension
4	283-78	2	Pin-Clevis	20	130-4498-03	1	Front Slider Extension ASM [bla
5	340-1	2	Fitting-HYD, Straight	21	AU109762	8	Bushing-Spring
5:1	237-21	1	O-Ring	22	AU12GB7334	1	Bracket-Sensor, Extension Arm
5:2	237-42	1	O-Ring	23	AU12GB7342-03	4	Guide-Extension Arm
6	340-132	4	Fitting-HYD, 90 DEG	24	AU12GB7343-03	4	Cap-Guide, Extension Arm
6:1	237-78	1	O-Ring	25	AU12GB7347	2	Rod-Eye, Cylinder
6:2	237-21	1	O-Ring	26	AU12GB7379	4	Plate-Gripper, Rotate
7	340-82	2	Adapter ASM	27	AU20GB7358	2	Insert-Gripper, Fixed
7:1	237-42	1	O-Ring	28	AU20GB7359	2	Insert-Gripper, Rotate
7:2	237-21	1	O-Ring	29	AU8EP65159	1	Switch-Proximity
8	AU827-8040	4	Screw-HH	30	AU8HC10008	2	HYD Cylinder ASM
9	33014-00	4	Nut-Hex	31	AUH32920	2	Pin-Clevis
10	3272-12	4	Pin-Cotter	32	127-0889	2	Pin-Clevis
11	103-9511	8	Nut-Lock, NI	33	3272-10	2	Pin-Cotter
12	33104-020	2	Screw-HHF	34	302-40	2	Fitting-Grease, 90 DEG
13	33105-030	6	Screw-HHF				
14	33105-060	10	Screw-HHF				
15	AU100336	6	Screw-HHF				
16	AU109578-03	2	Plate-Spacer				

Hydraulic Cylinder Assembly No. 125-4463



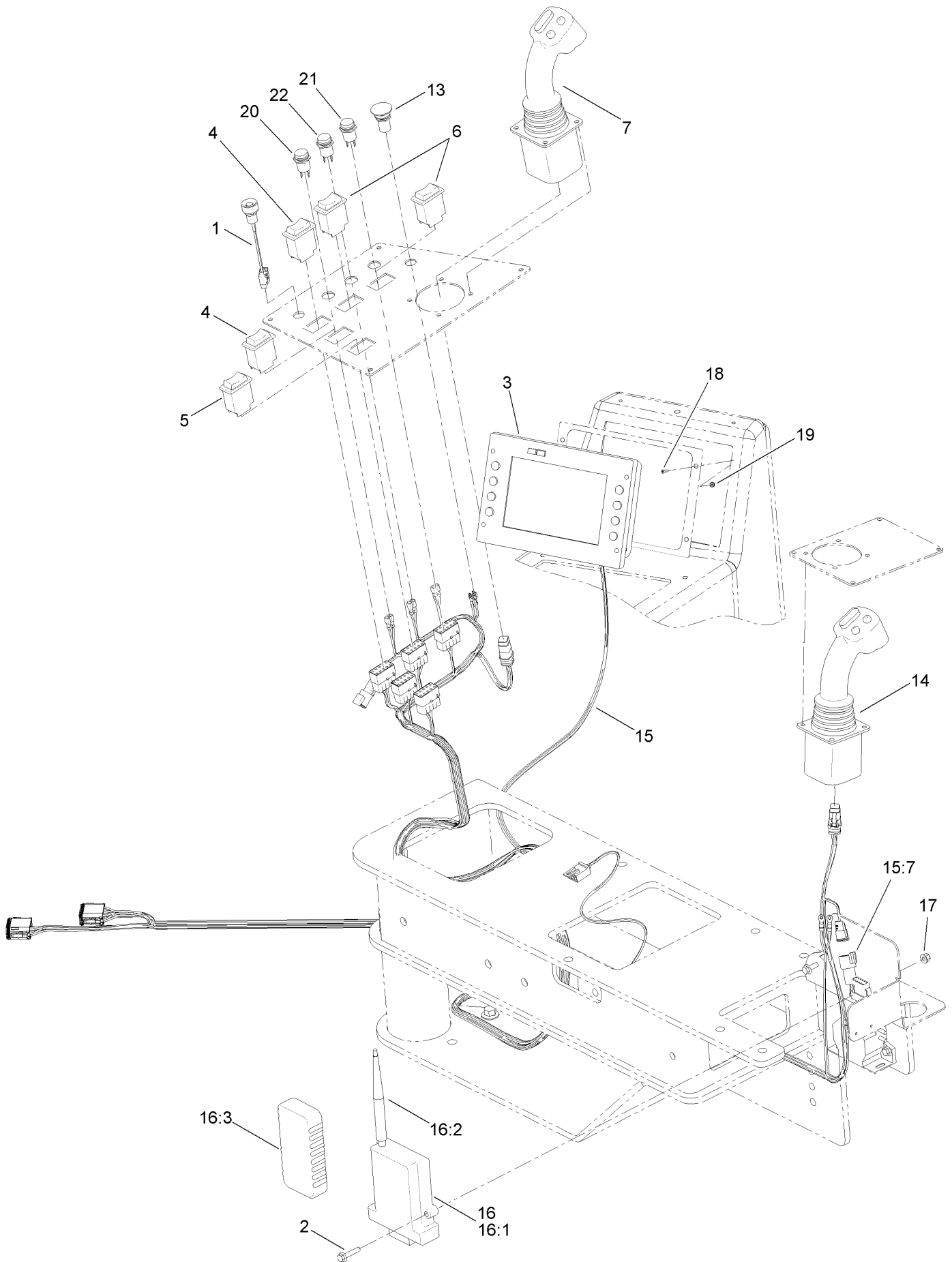
Hydraulic Cylinder Assembly No. 125-4463 (continued)

<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

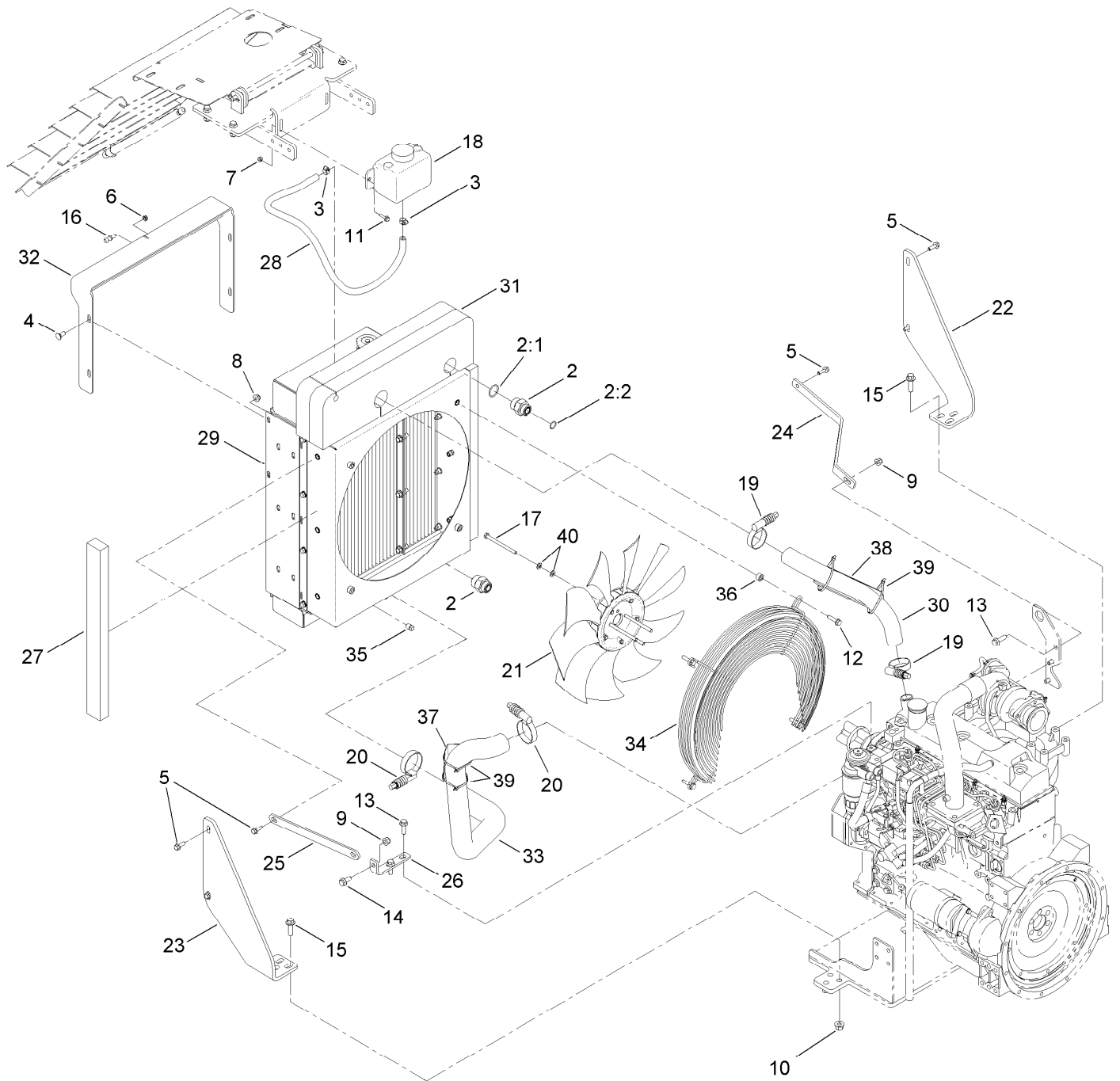
Operator Control Assembly



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	14	AU8EP47613	1	Joystick-Carriage
2	33103-030	2	Screw-HHF	15	121-6585	1	Harness-Wire, Operator
3	AU103384	1	Display-Dp600, Unprogrammed	15:7	32180-043	1	Resistor-120 Ohm
4	AU113662	2	Switch-Rocker, 2 Pole (On/Off)	16	130-4457	1	Standard Exit Side Lockout
5	AU113664	1	Switch-Rocker, 2 Pole (On)Off(On)	16:1	130-4459	1	Base Unit-Lockout
6	AU113665	2	Switch-Rocker, 1 Pole (On)Off/On(Off)	16:2	130-4462	1	Antenna-Lockout
7	AU117962	1	Joystick-Modified (Left Hand)	16:3	130-4458	1	Handheld-Lockout
13	AU8EP46103	1	Button-Push, Red Mushroom	17	81-0130	2	Nut-Flange, NI
				18	130-4539	4	Screw-Ph
				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

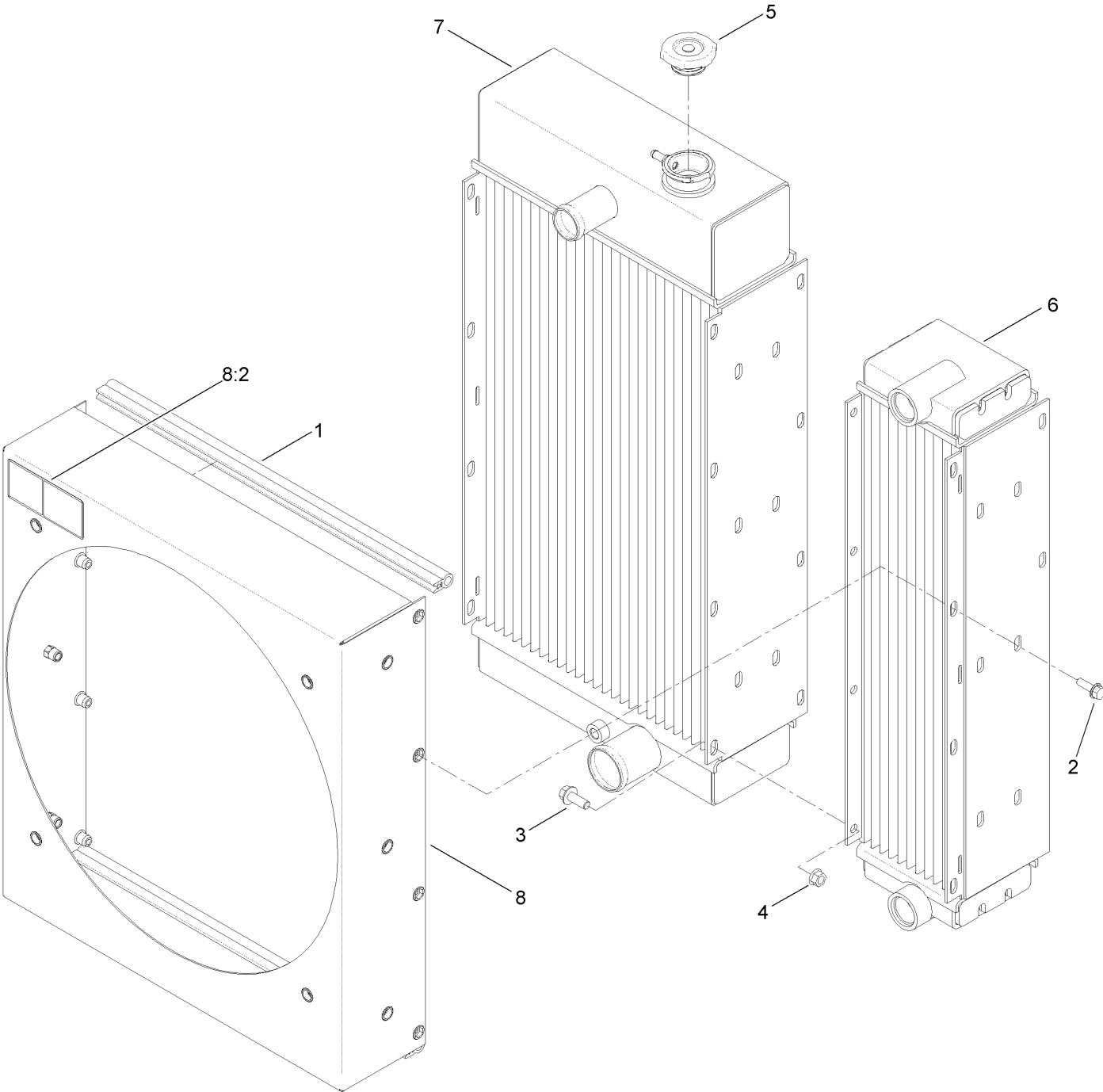
Engine Cooling Assembly



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, .75In	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-Constant Torque	40	3256-23	8	Washer-Flat
20	AU110569	2	Clamp-Torque, Constant				

Cooler Assembly No. AU129486

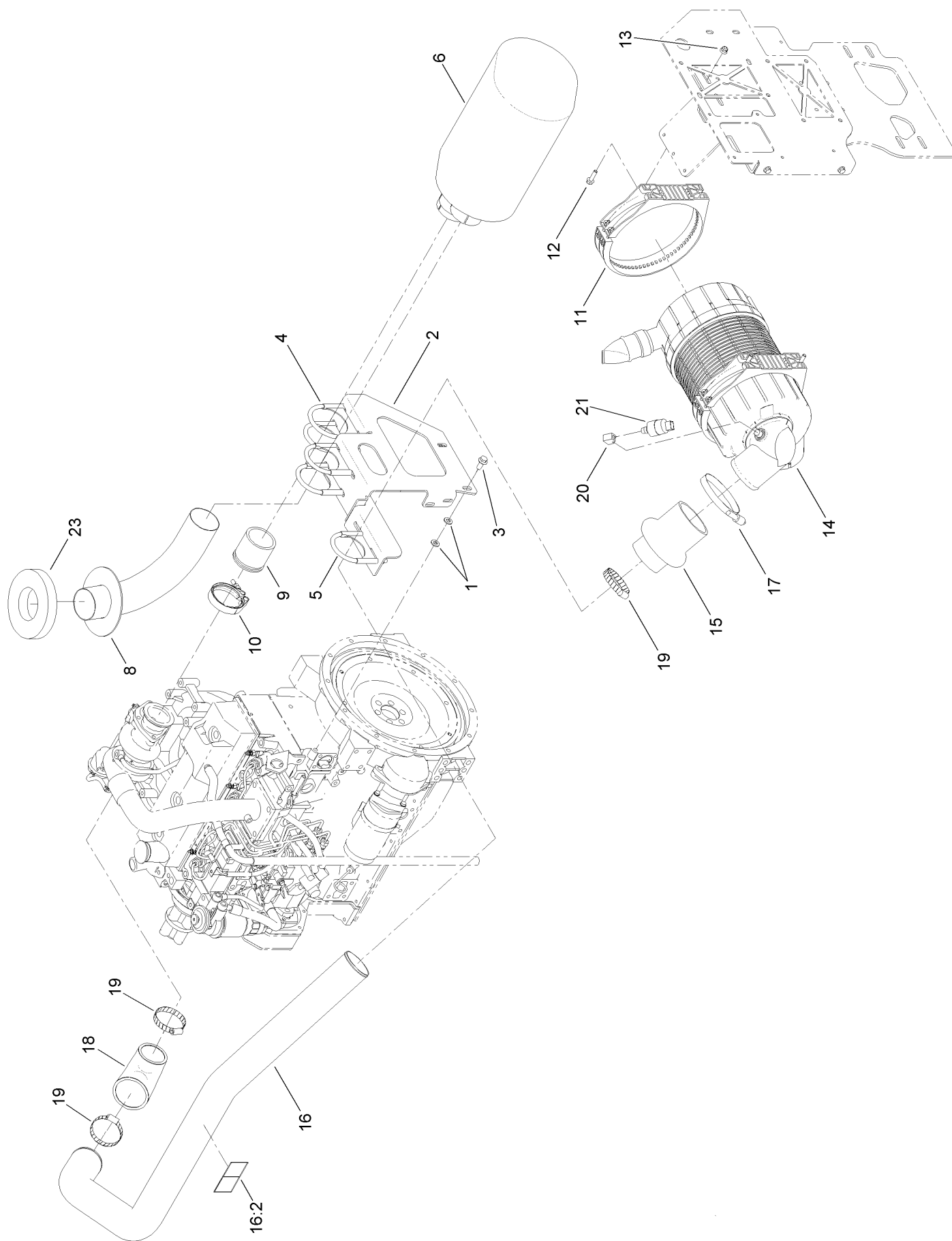


Cooler Assembly No. AU129486 (continued)

<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

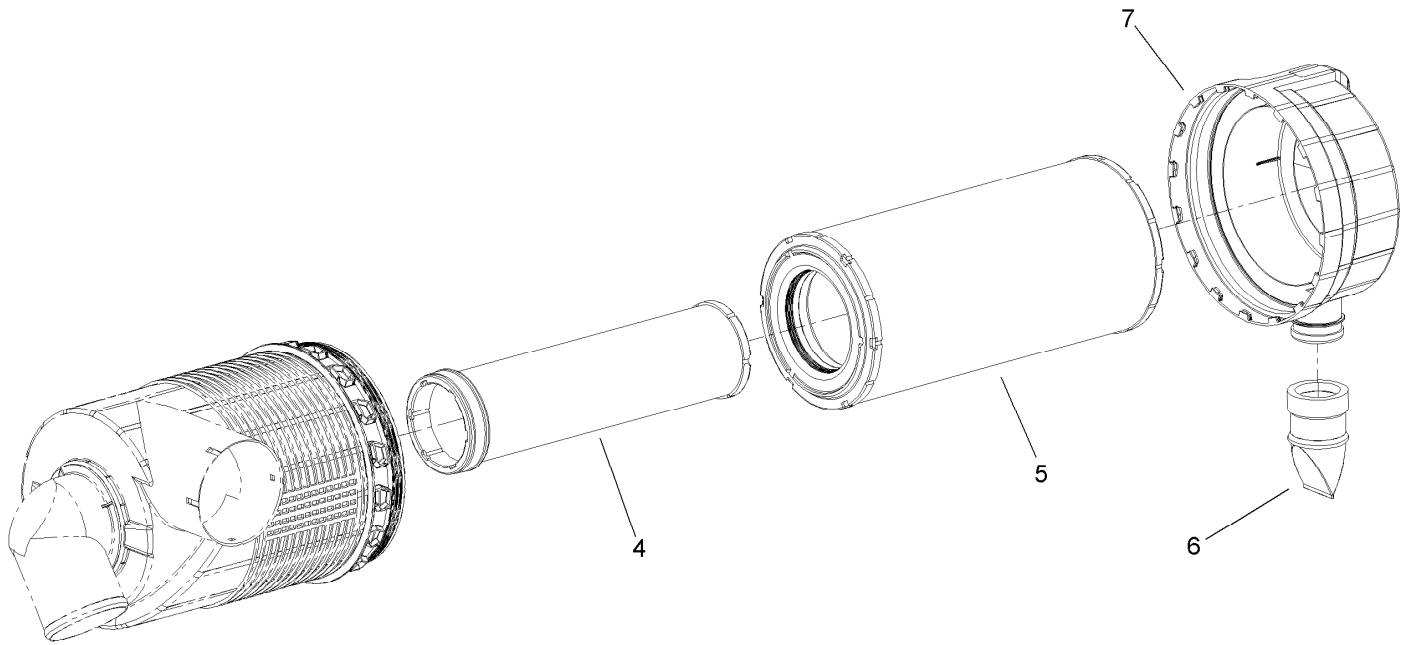
Engine Intake and Exhaust Assembly



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	4	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

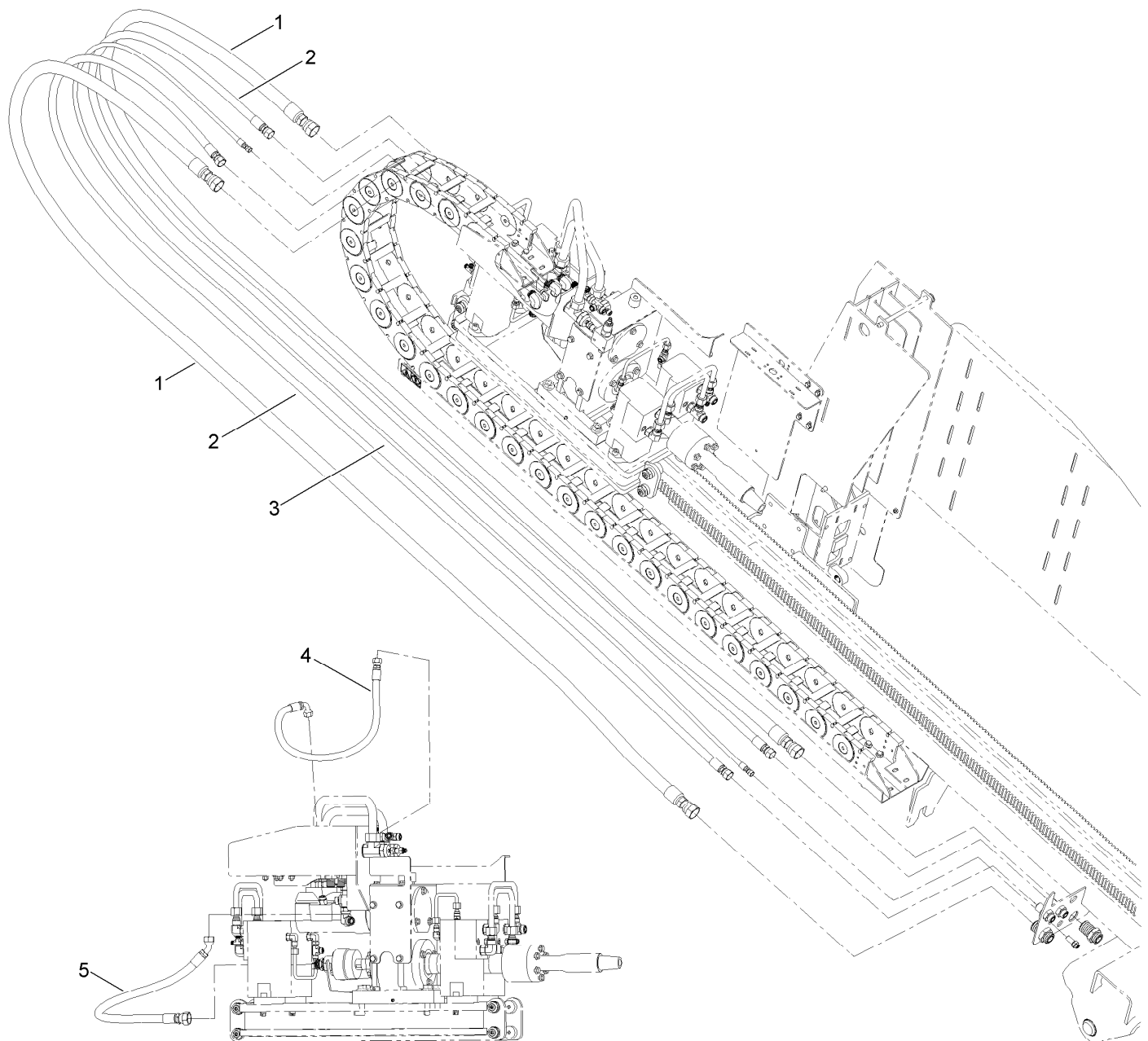


Air Cleaner Assembly No. 112-7329 (continued)

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

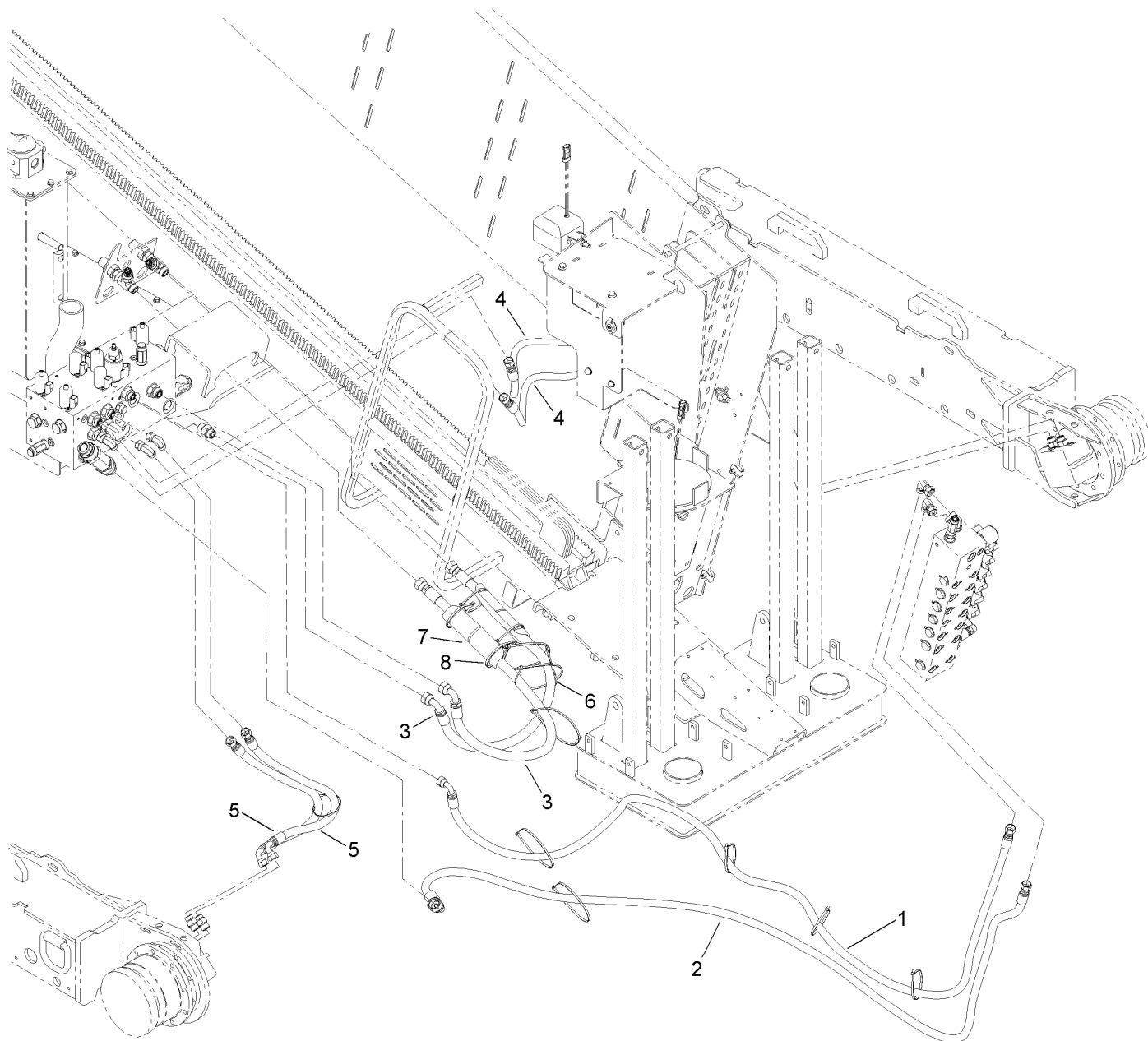


Main Frame Hydraulic Hose Assembly No. 1 (continued)

<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

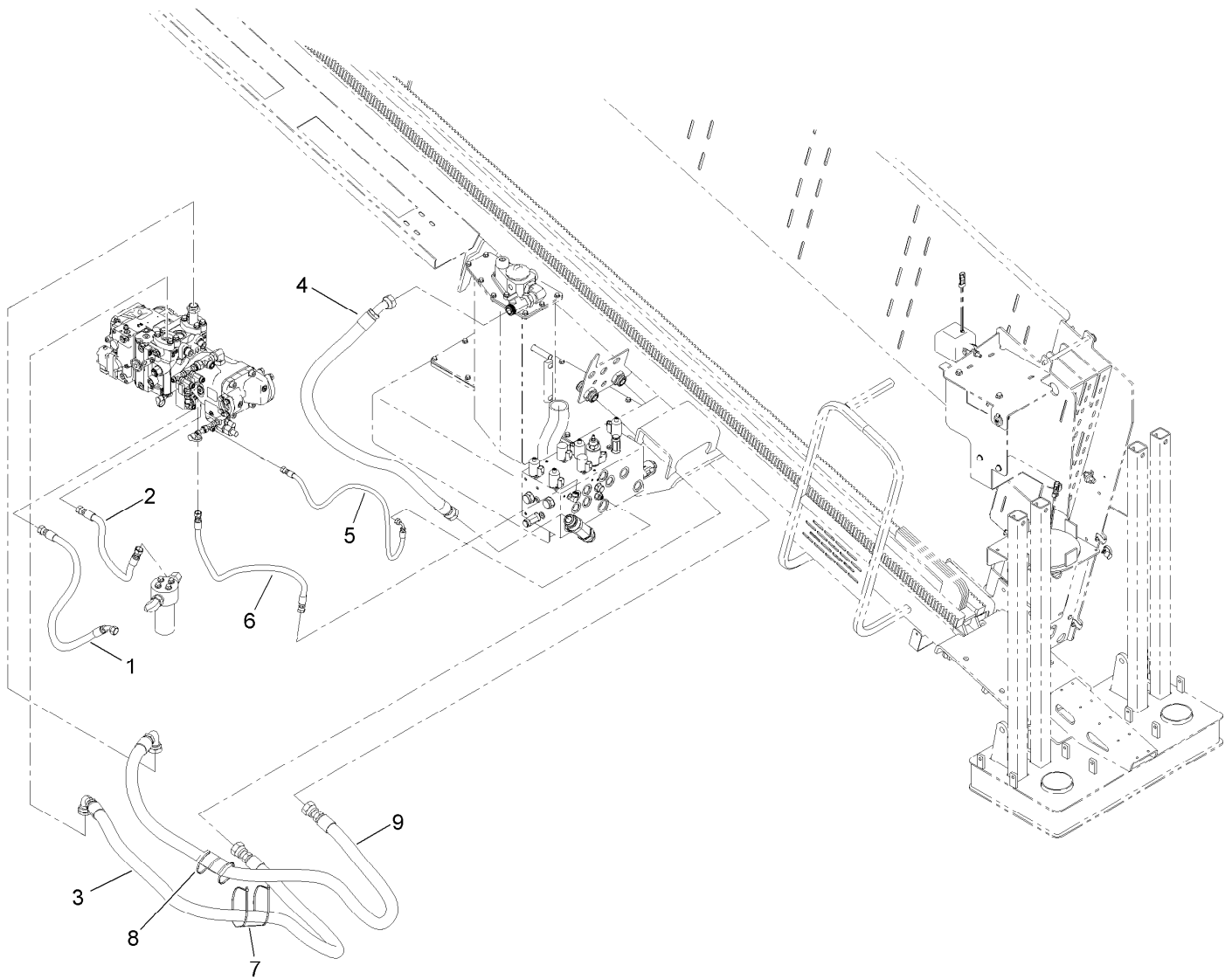


Main Frame Hydraulic Hose Assembly No. 2 (continued)

<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

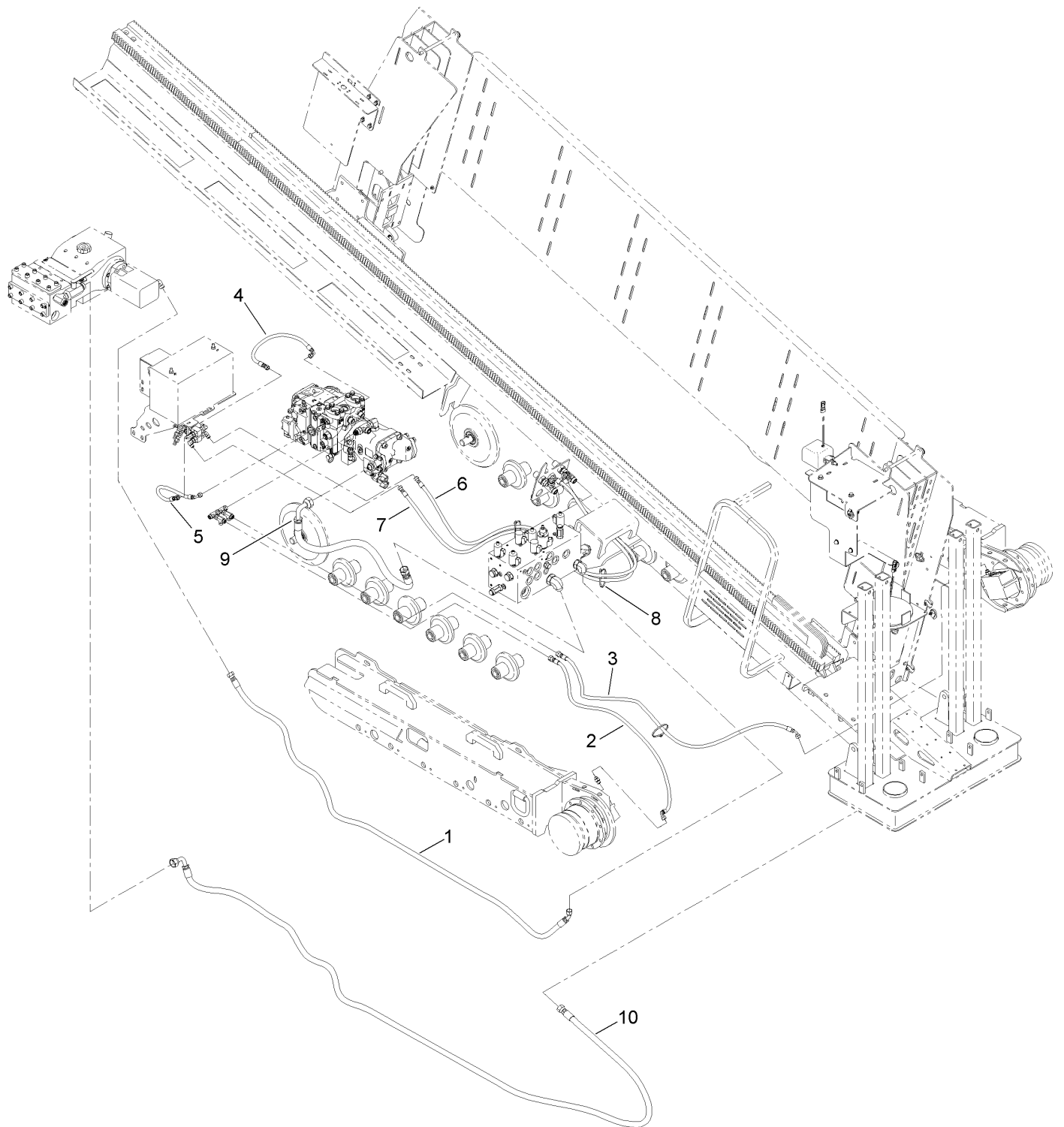


Main Frame Hydraulic Hose Assembly No. 3 (continued)

<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

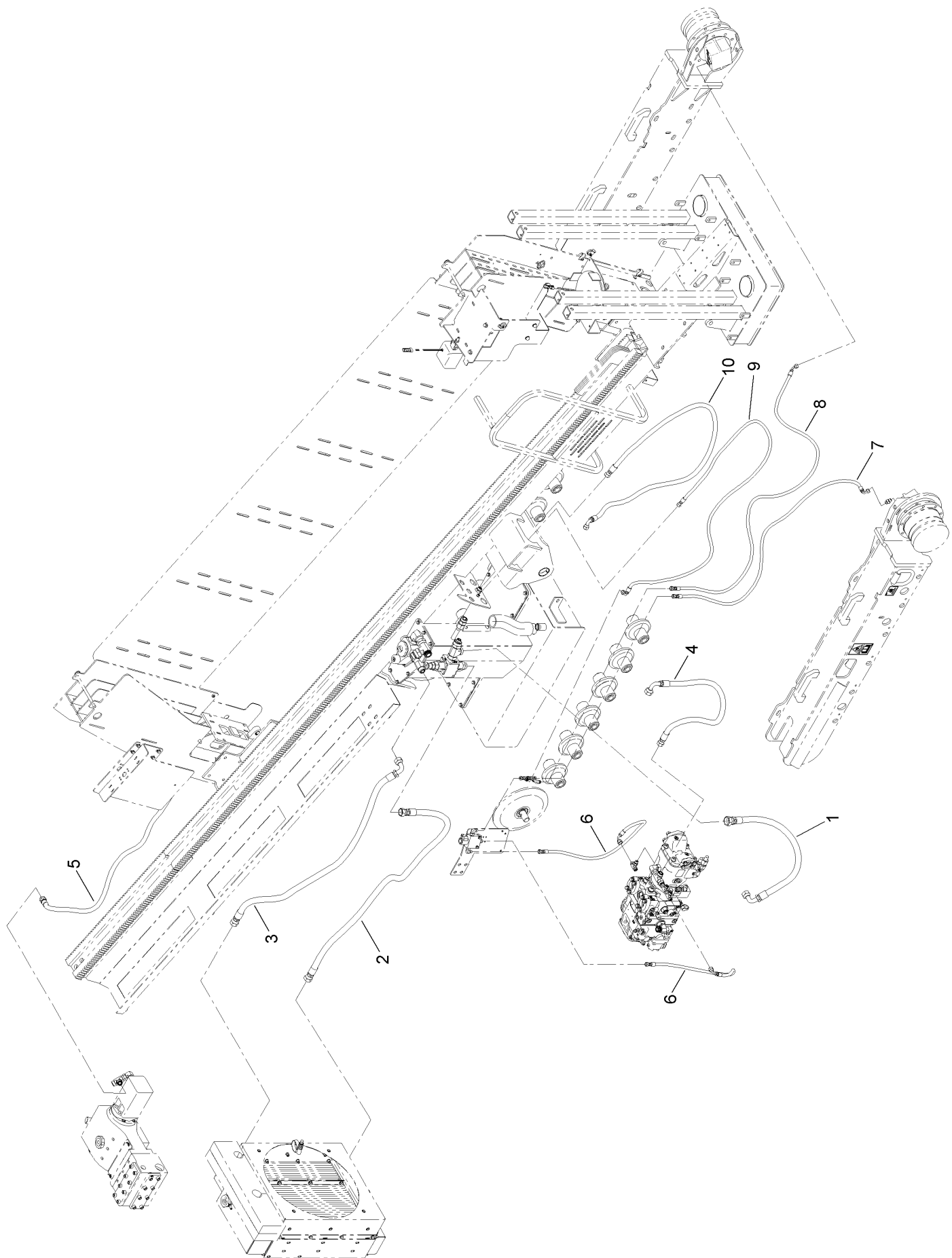


Main Frame Hydraulic Hose Assembly No. 4 (continued)

<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

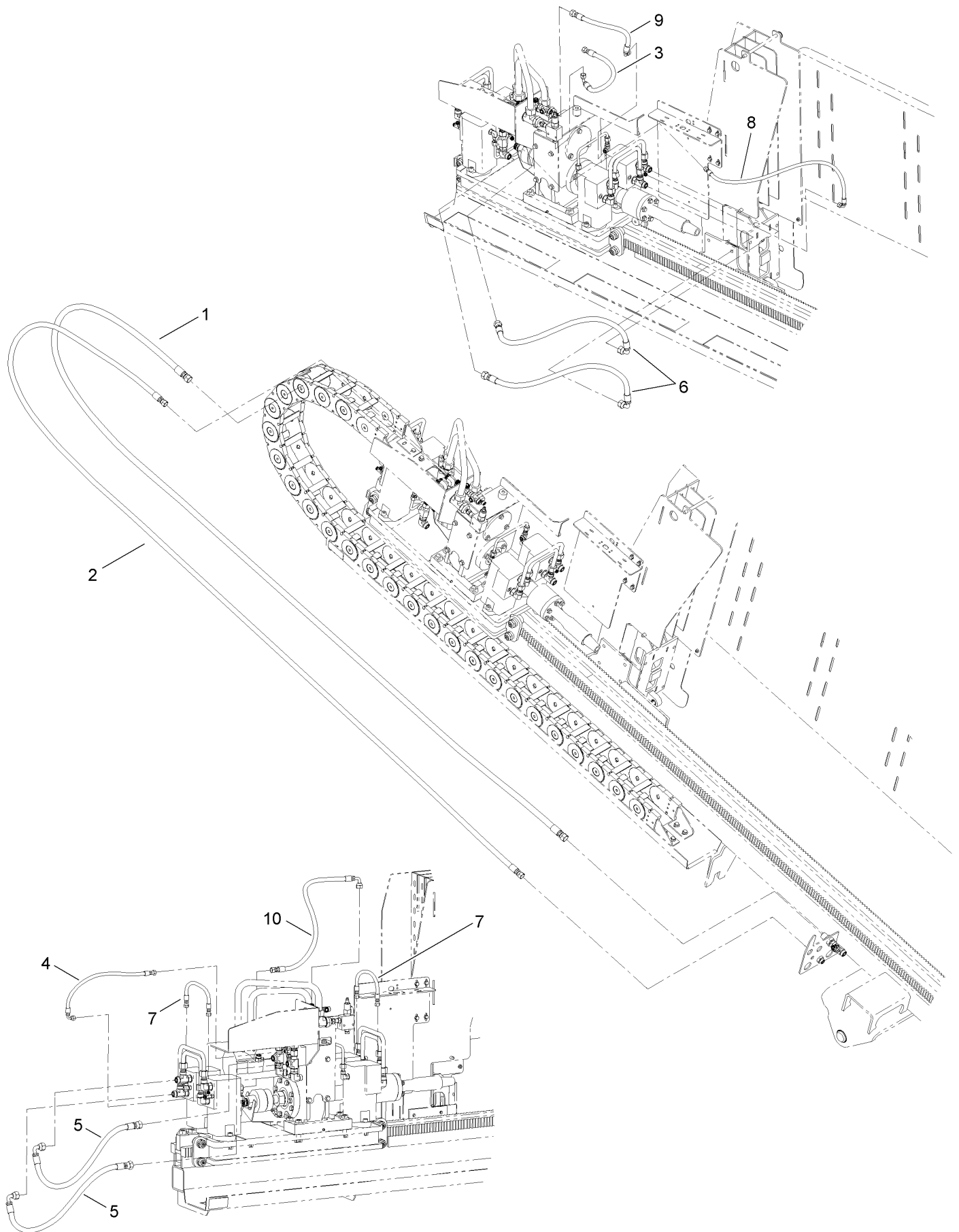


Main Frame Hydraulic Hose Assembly No. 5 (continued)

<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

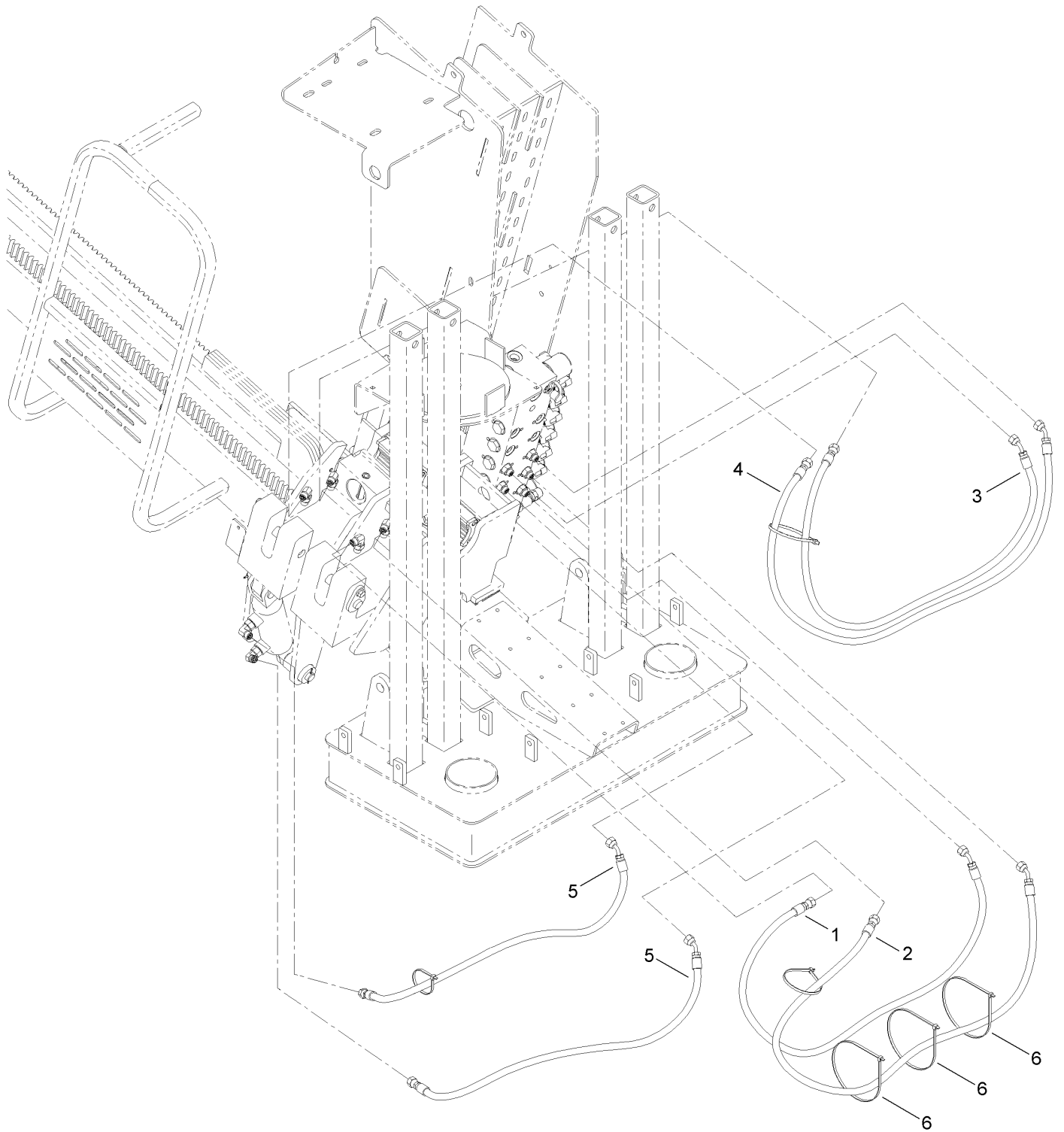


Thrust Frame Hydraulic Hose Assembly No. 1 (continued)

<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

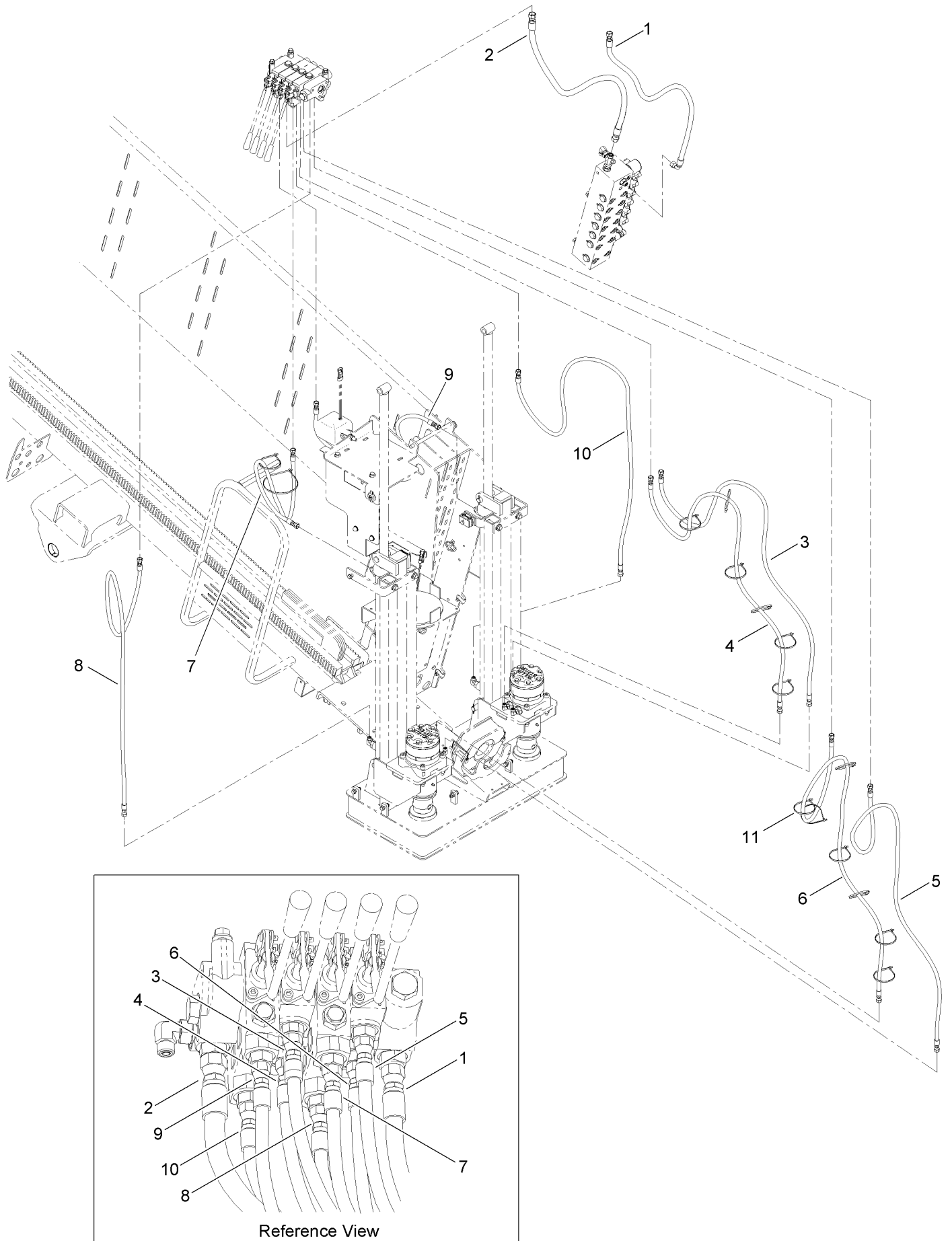


Thrust Frame Hydraulic Hose Assembly No. 2 (continued)

<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

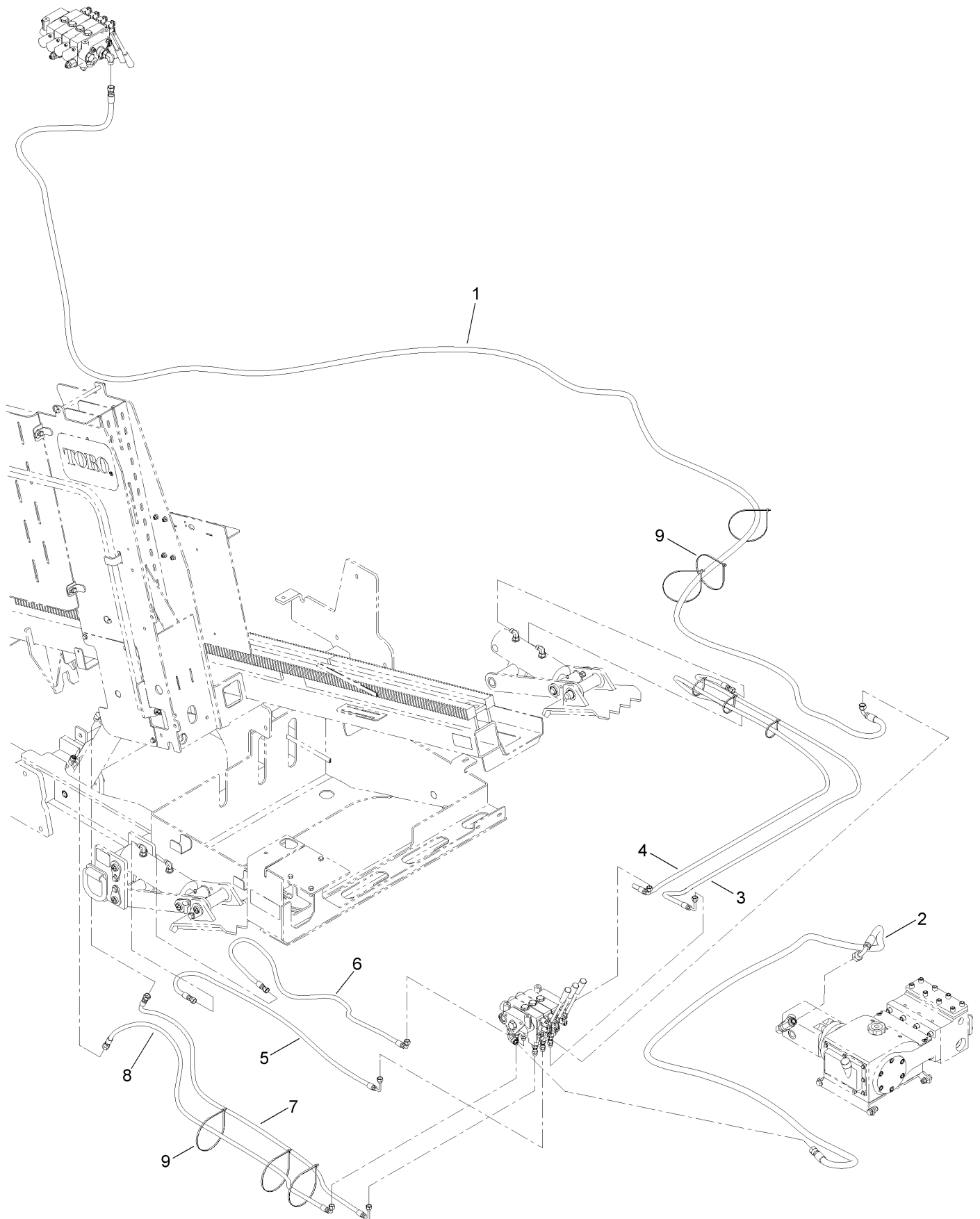
Thrust Frame Hydraulic Hose Assembly No. 3



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				

Thrust Frame Hydraulic Hose Assembly No. 4

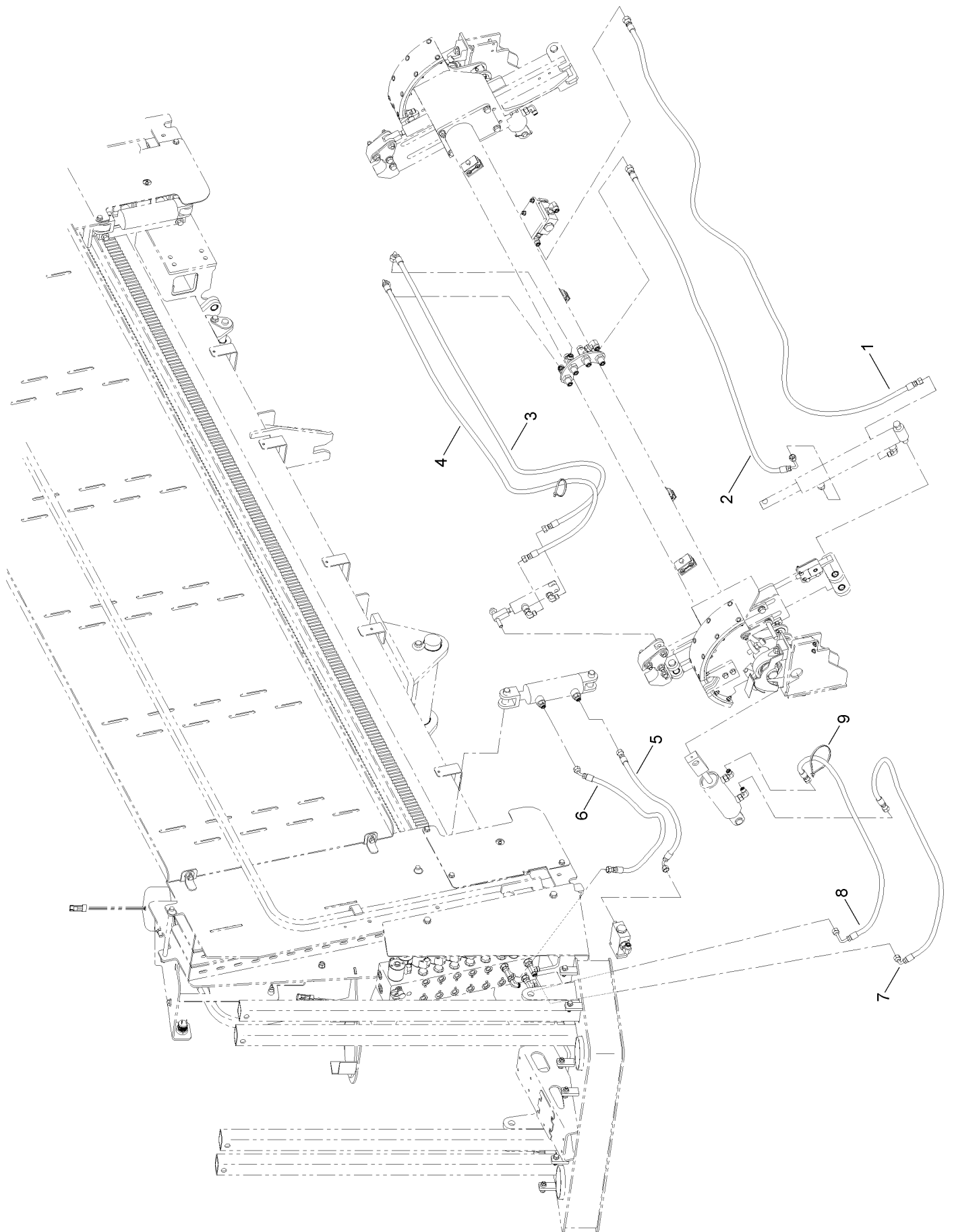


Thrust Frame Hydraulic Hose Assembly No. 4 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0782	1	Hose ASM
2	127-0792	1	Hose ASM
3	127-0793	1	Hose ASM
4	127-0794	1	Hose ASM
5	127-0795	1	Hose ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	127-0796	1	Hose ASM
7	127-0797	1	Hose ASM
8	127-0798	1	Hose ASM
9	3290-379	9	Tie-Cable

Thrust Frame Hydraulic Hose Assembly No. 5

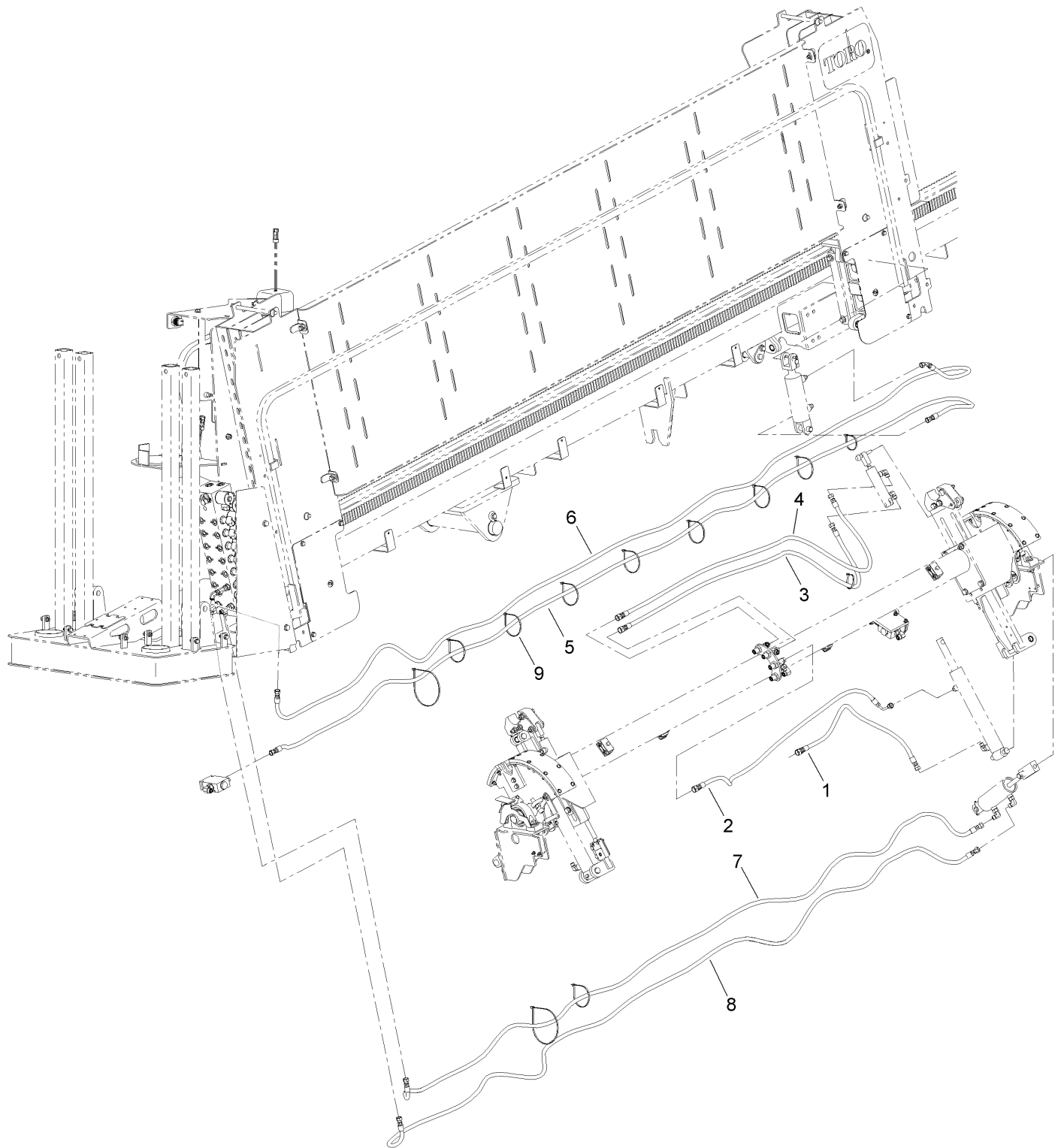


Thrust Frame Hydraulic Hose Assembly No. 5 (continued)

<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

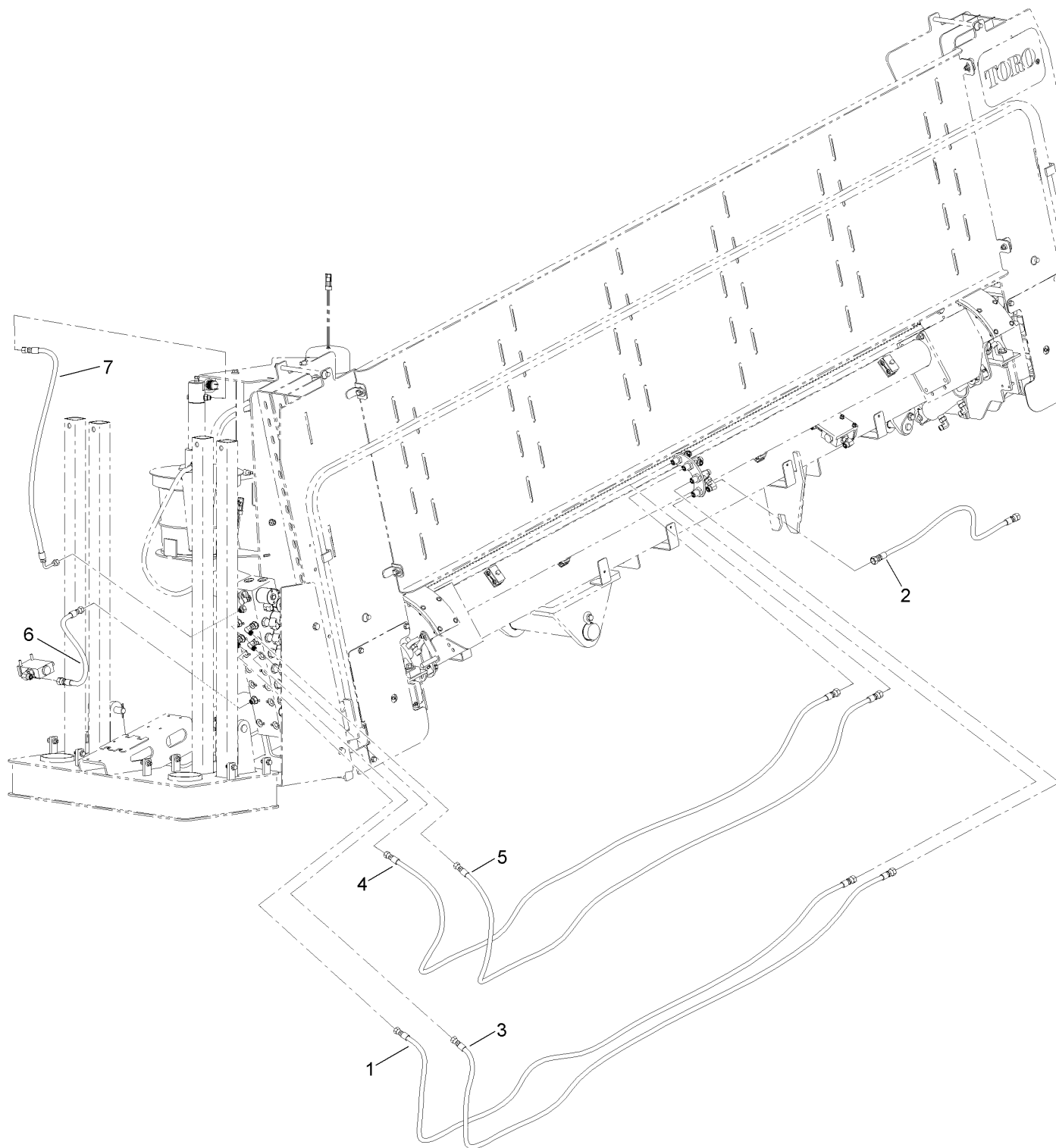


Thrust Frame Hydraulic Hose Assembly No. 6 (continued)

<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

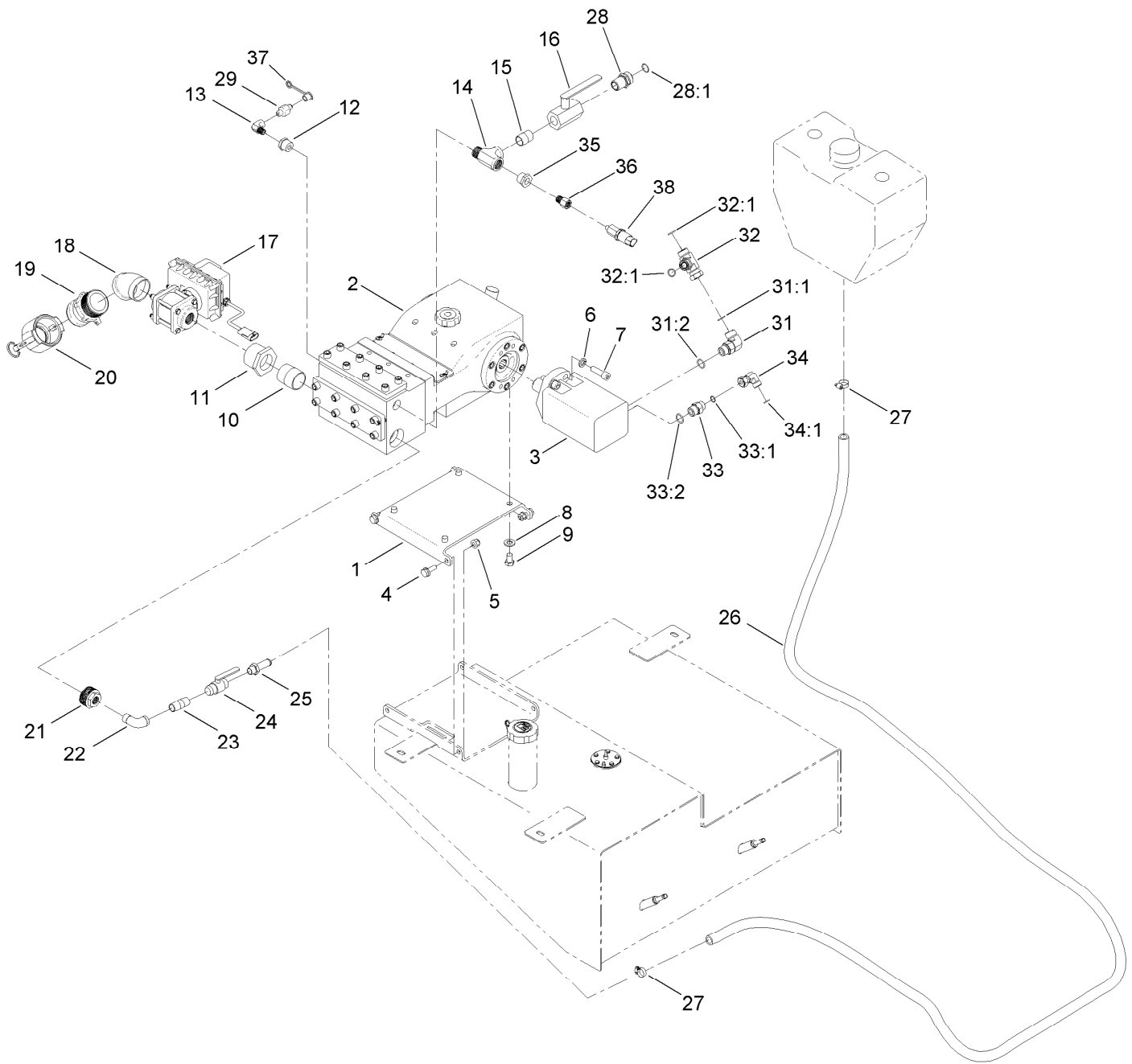
Thrust Frame Hydraulic Hose Assembly No. 7



Thrust Frame Hydraulic Hose Assembly No. 7 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-0806	1	Hose ASM	5	127-0816	1	Hose ASM
2	127-0807	1	Hose ASM	6	127-0819	1	Hose ASM
3	127-0810	1	Hose ASM	7	127-0828	1	Hose ASM
4	127-0813	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)

1 = Items Included in Seal Kit

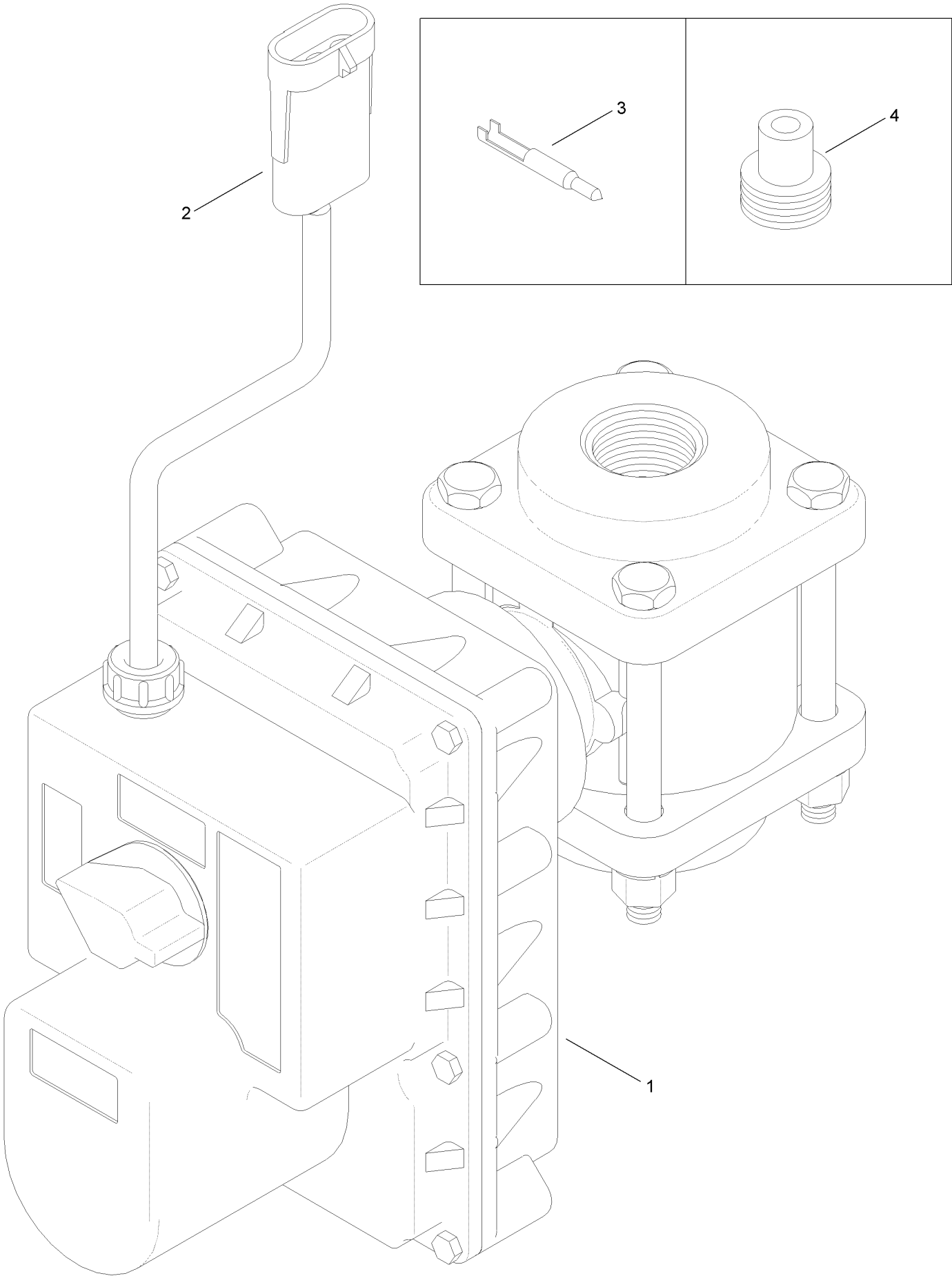
V2C3

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

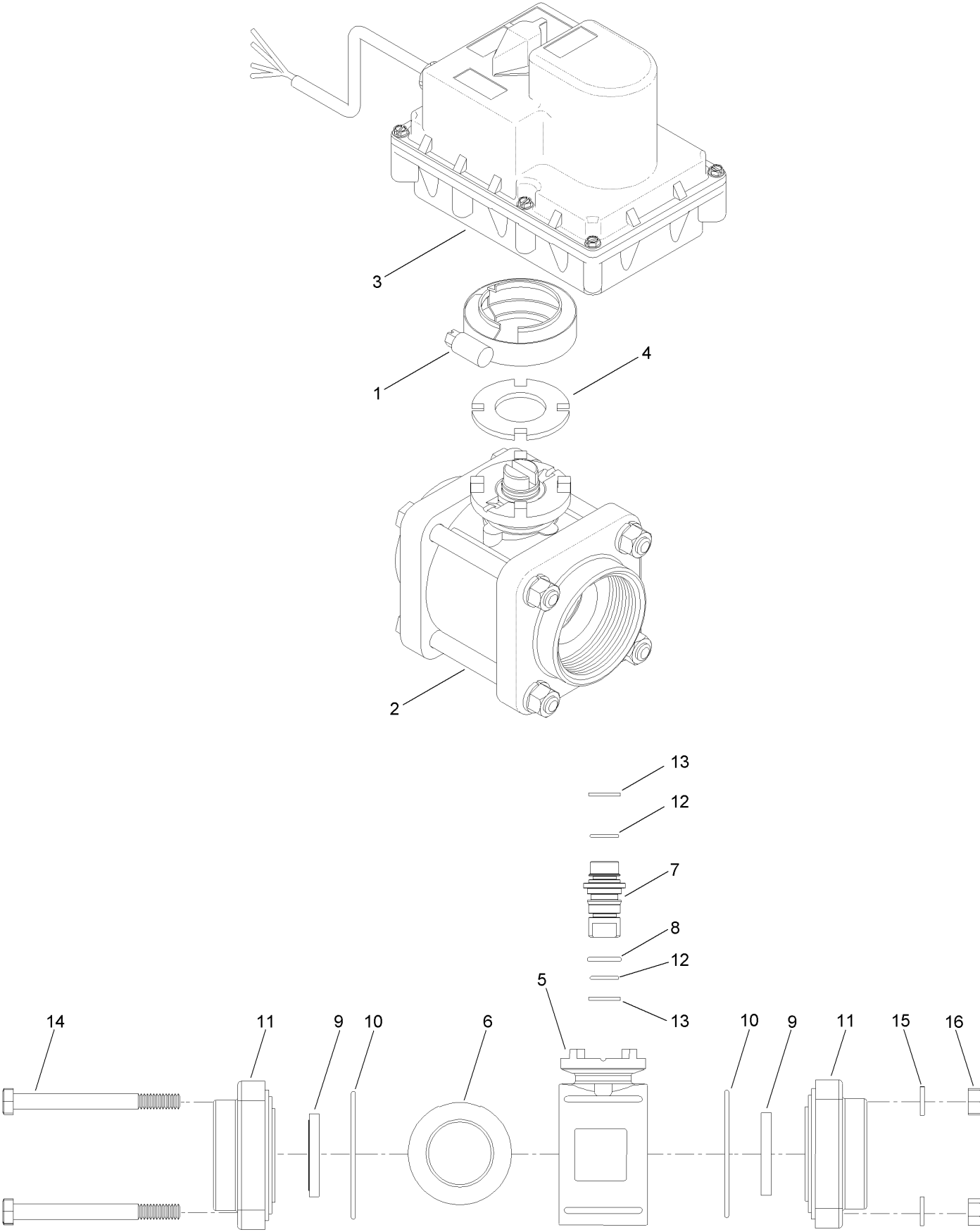


2 Inch Ball Valve Assembly No. AU6HV29033 (continued)

<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

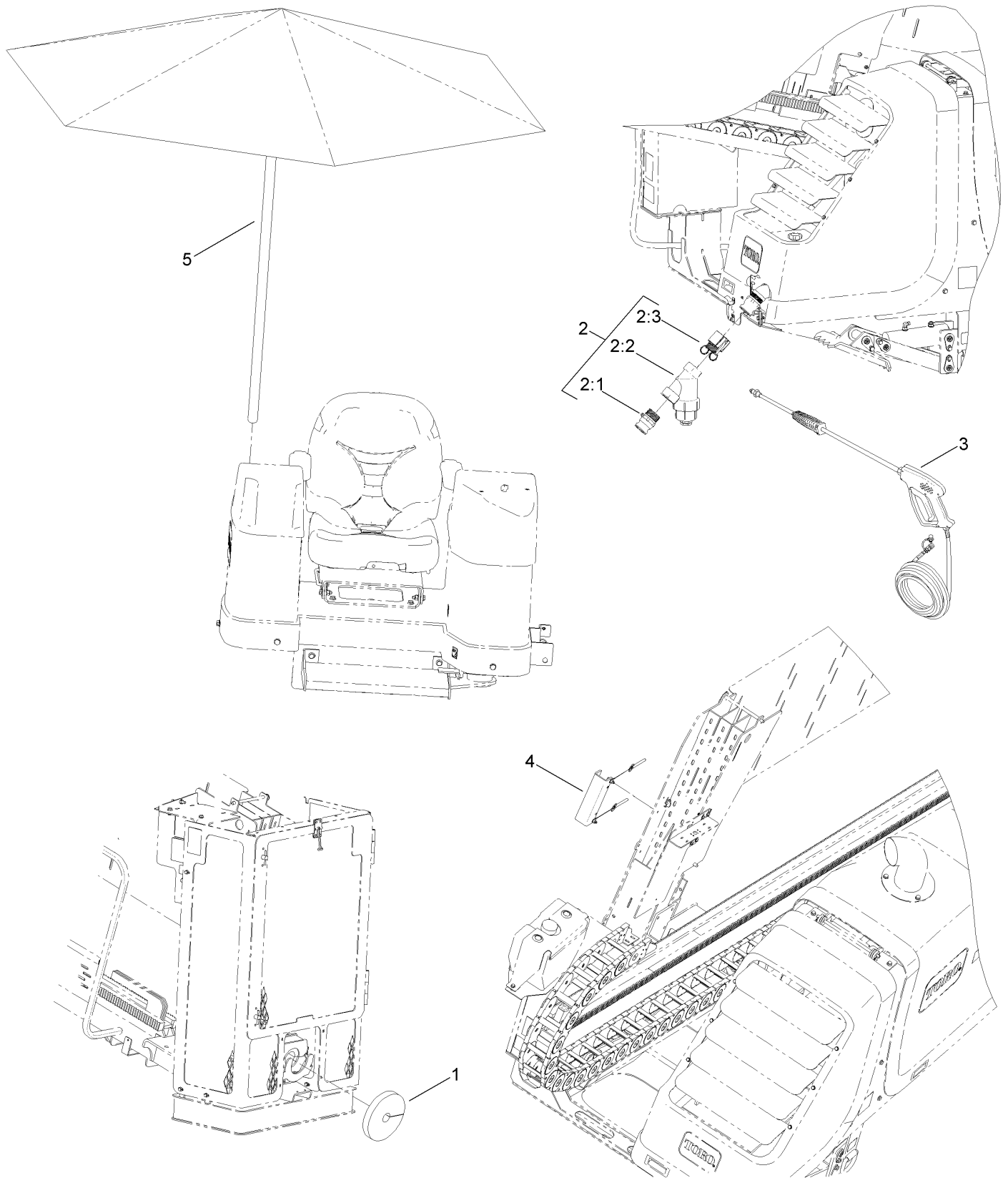


Water Shutoff Valve Assembly No. AU8HV29033 (continued)

<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

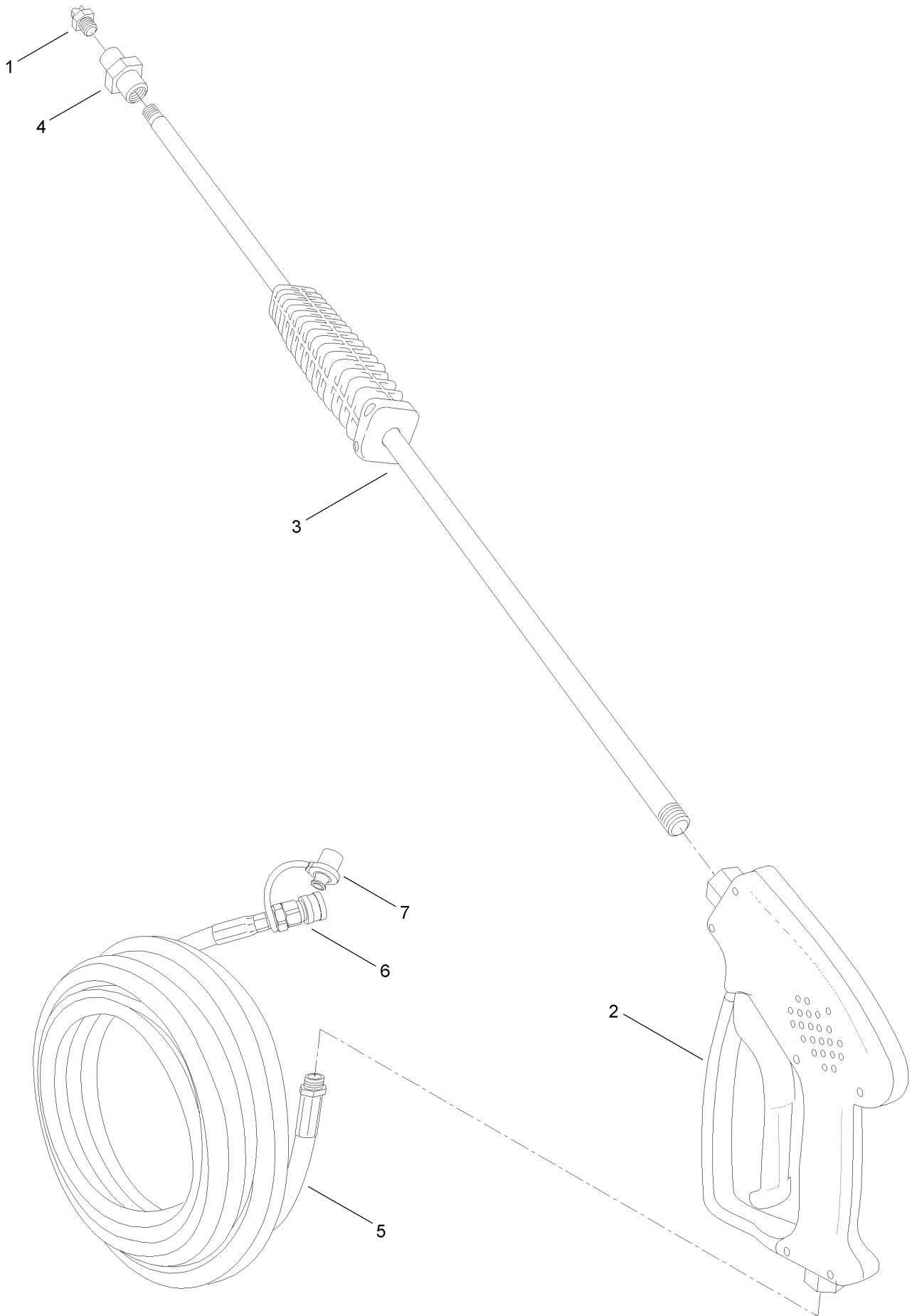
Wash Wand, Umbrella, Cylinder Lockout, Strainer and Split Wiper Assembly



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

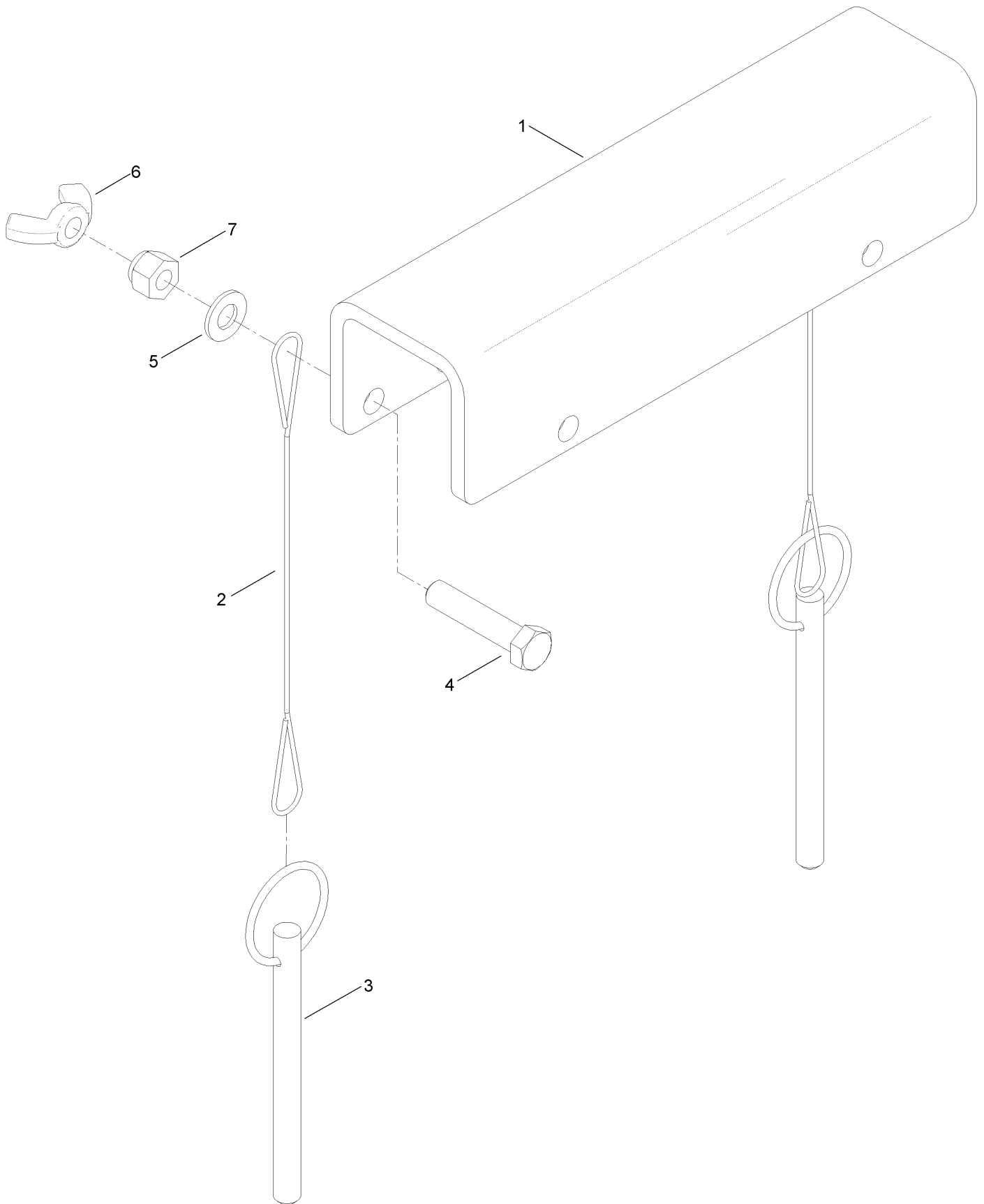


Wash Down Wand Assembly No. 127-0991 (continued)

<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>
1	AU112723-01	1	Plate-Tilt Cylinder Lockout
2	AU114334	2	Lanyard-Pin Tether
3	AU109760	2	Pin-Retaining
4	323-9	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

Attachments and Accessories

For 23800TE 2024 Directional Drill

Product Name	Model/Part
Oil-Bottle, 20 Oz.	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
Engine Air Safety Filter	115-8877
Engine Air Primary Filter	115-8887
Premium Engine Oil 15w40 (5 Gallon Pail)	121-6395
Oil-15w40 (1 Quart)	127-3244
Filter-Tank, Hydraulic.....	127-5328
Dirt Stakes	23802E
Rock Stakes	23804E
40-count Drill Pipe	23806E
Air Hammer Adapter Kit.....	23808E
Summer Oil - Case of 24, 20-Ounce Bottles	38916
250 Hour Preventive Maintenance Parts Kit	AU116341
Filter-Hydraulic, Charge.....	AU8FL20024-1
Filter-Fuel	AU8NG10019-23
Filter-Inline Fuel.....	AU8NG10019-24

Notes:



Count on it.