Form No. 3382-754 Rev B

TORO®

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Parts Catalog

2024 Directional Drill

Model No. 23800TE—Serial No. 314000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

CE

3382-754 B

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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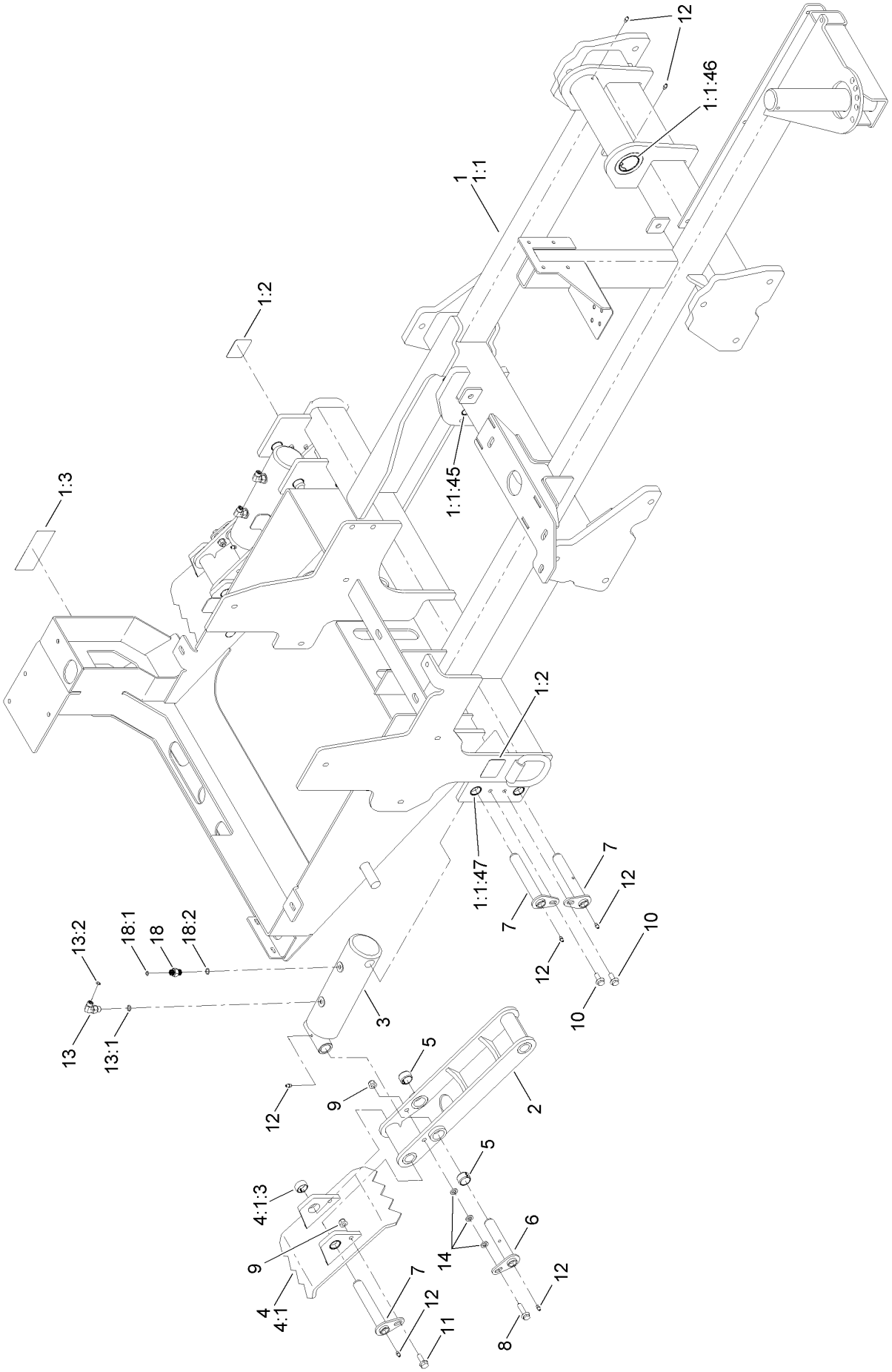
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Main Frame and Stabilizer Assembly

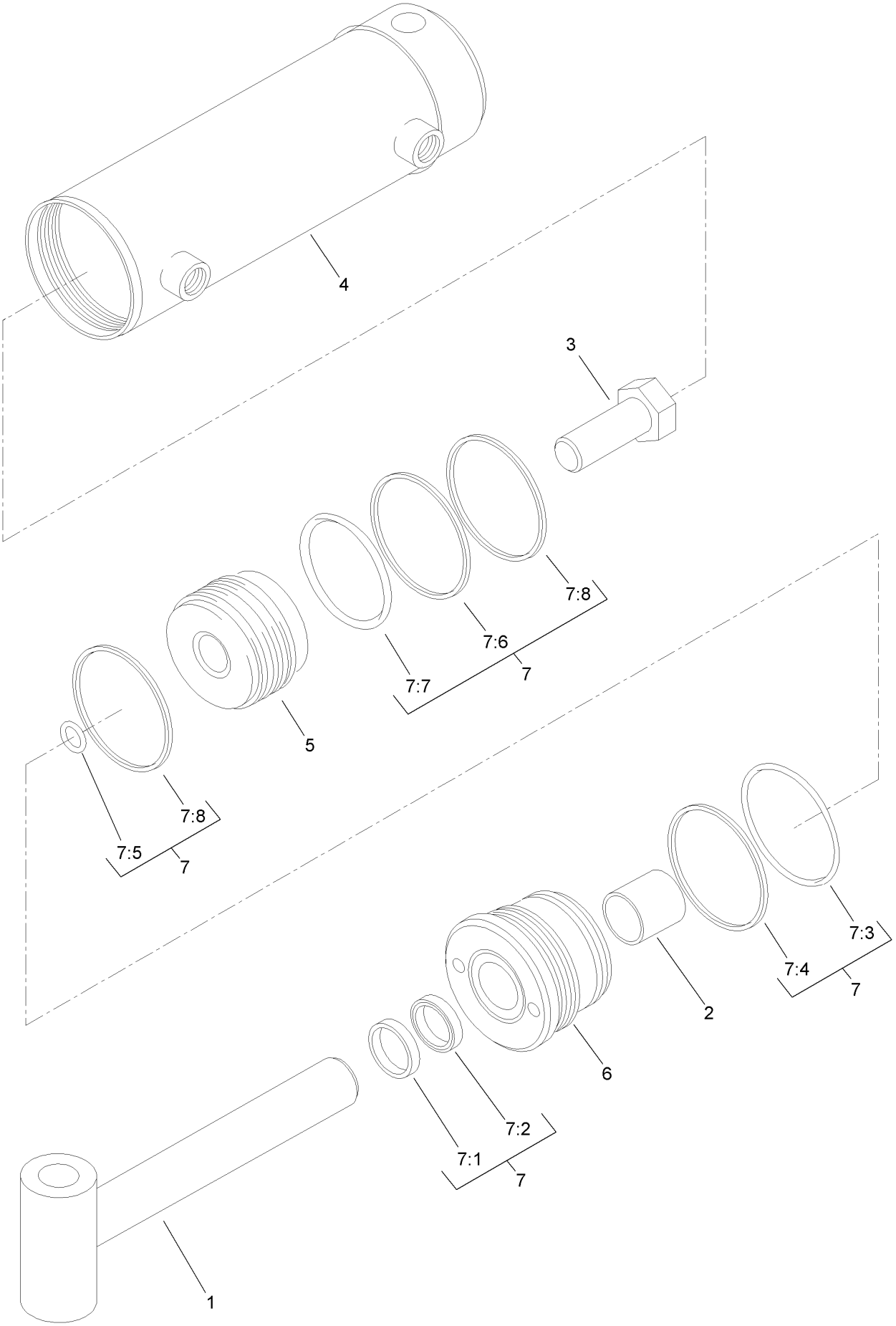


Main Frame and Stabilizer Assembly (continued)

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

● Not serviced separately

Hydraulic Cylinder Assembly No. AU103989A1

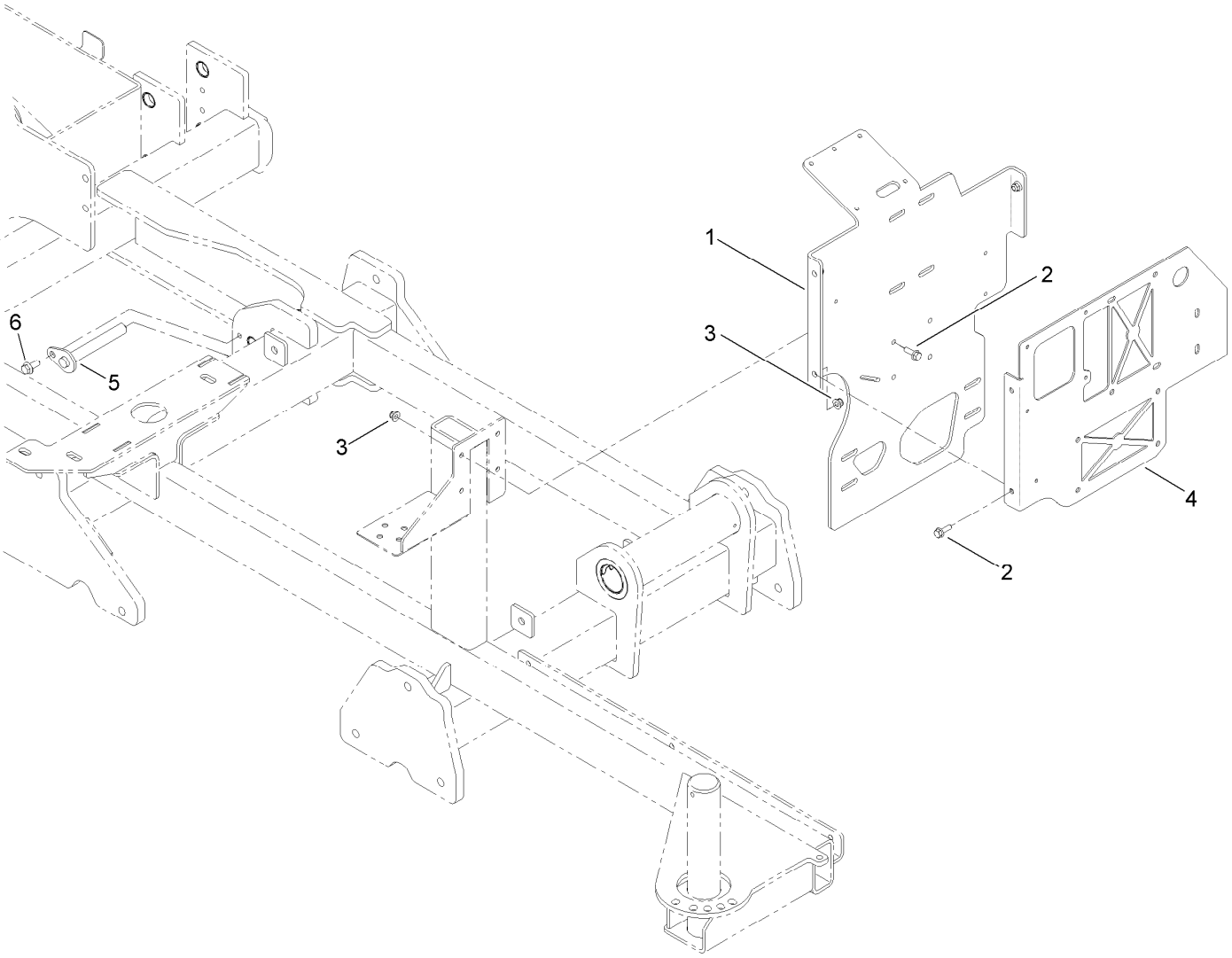


Hydraulic Cylinder Assembly No. AU103989A1 (continued)

Ref.	Part Number	Qty.	Description
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 ●
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

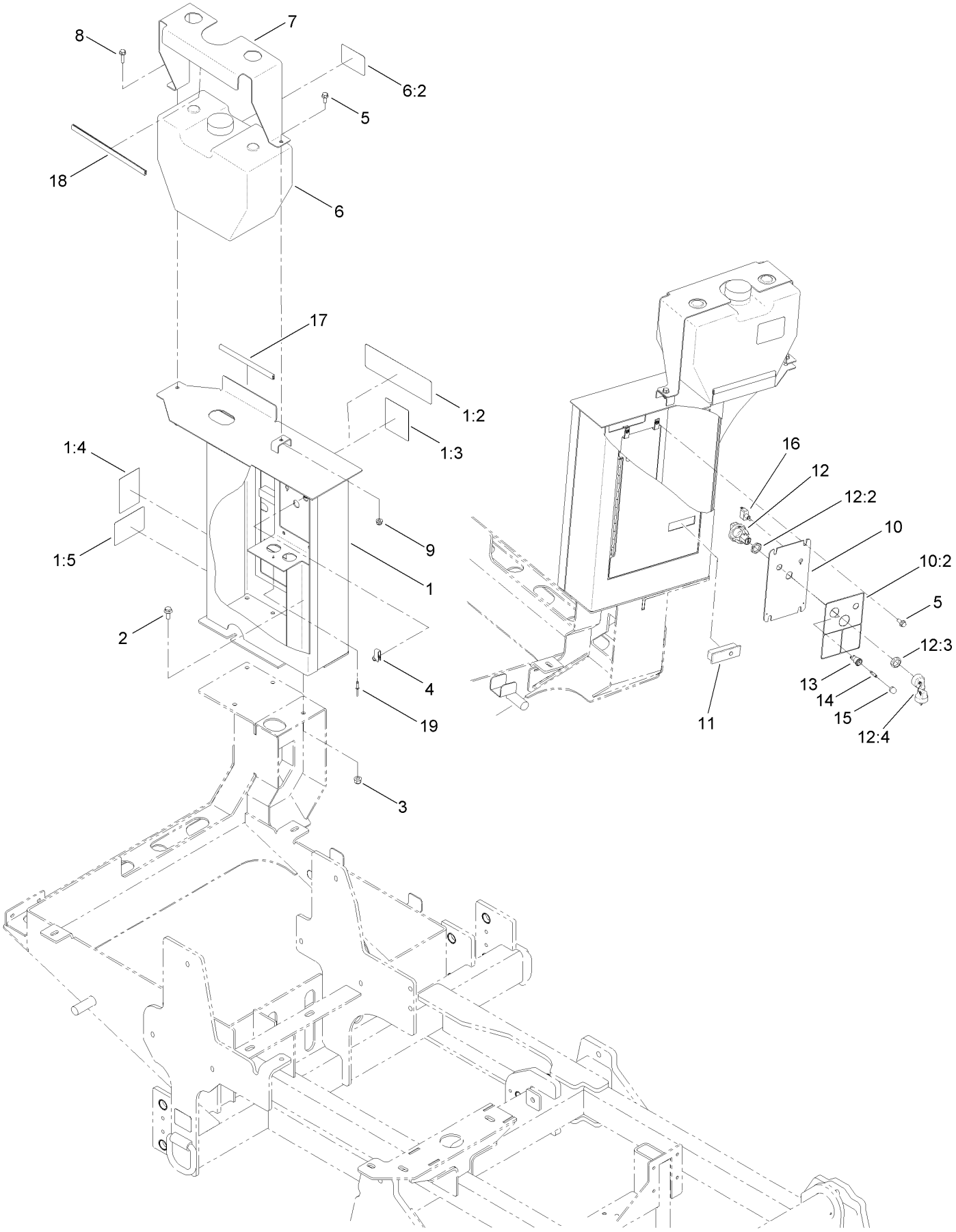
Electrical Plate Mount Assembly



Electrical Plate Mount Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-4521-03	1	Plate-Mount, Fuse Box
2	33104-025	7	Screw-HHF
3	104-3082	7	Nut-Lock, HHF
4	125-4522-03	1	Plate-Mounting, Electrical
5	AU109348	1	Pin-Flagged
6	33105-025	1	Screw-HHF

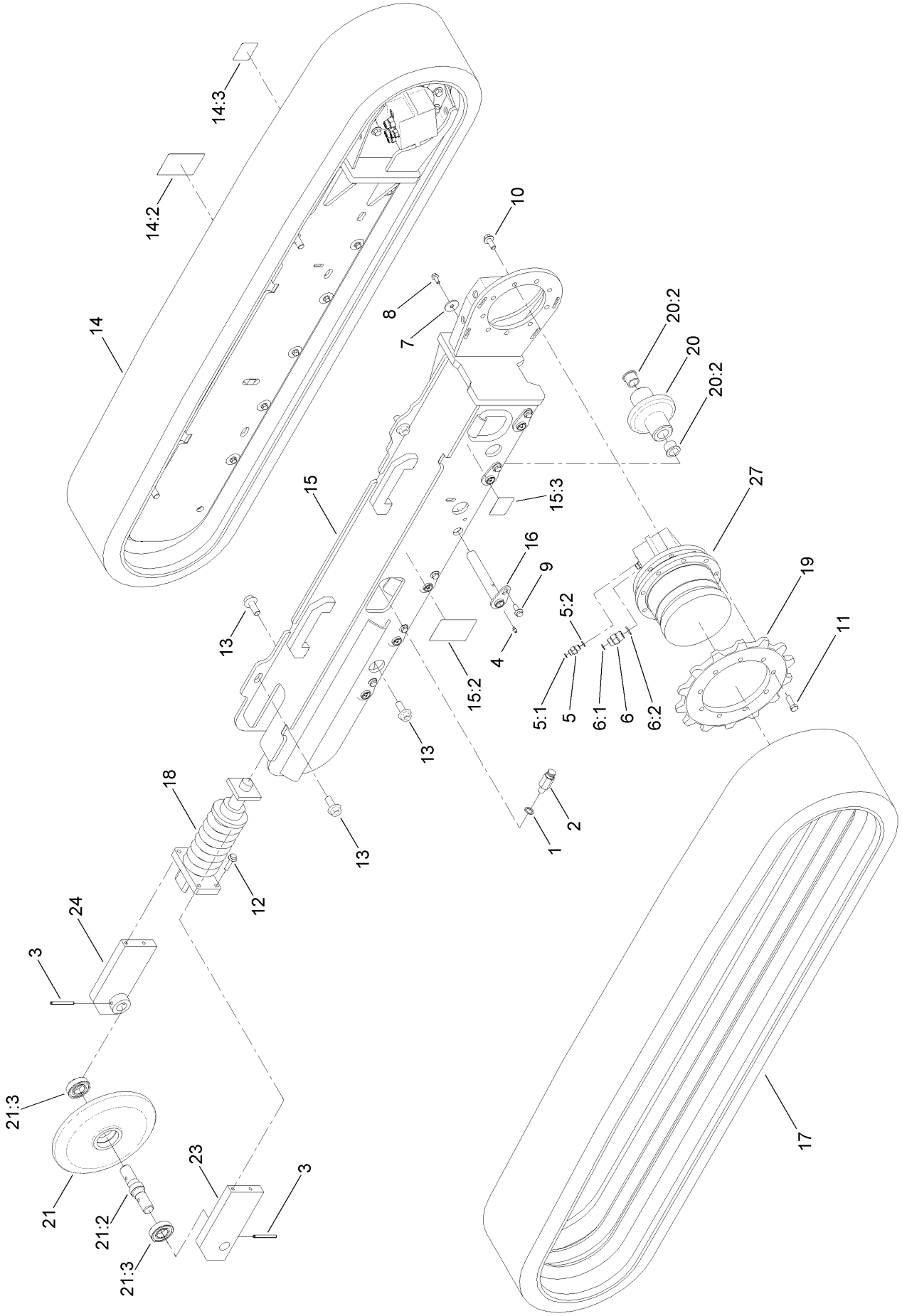
Rear Control Box and Coolant Tank Assembly



Rear Control Box and Coolant Tank Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-0903	1	Rear Control Box ASM
1:2	125-6113	1	Decal-Safety
1:3	125-6117	1	Decal-Danger, No Riders (Rear)
1:4	125-6118	1	Decal-Danger, Back Up
1:5	125-6120	1	Decal-Raise And Lower
2	33105-025	1	Screw-HHF
3	103-9511	1	Nut-Lock, NI
4	AU100862	4	Nut-U
5	33104-020	5	Screw-HHF
6	127-0905	1	Tank Coolant ASM
6:2	125-6137	1	Decal-Antifreeze
7	AU113714-03	1	Bracket-Bottle, Anti-Freeze
8	33104-030	1	Screw-HHF
9	104-3082	2	Nut-Lock, HHF
10	127-0906	1	Rear Control Panel ASM
10:2	125-6121	1	Decal-Rear Control
11	AU50GB2302	1	Latch-Trigger, Raised (W/Lock)
12	121-5159	1	Ignition Switch ASM
12:2	121-5160	1	Nut-Hex
12:3	121-5161	1	Nut-Face
12:4	121-5162	1	Ignition Key Set
13	AU8EO21401	1	Type T-2 Socket ASM
14	122-0224	1	Lamp-Led
15	AU8EO21406	1	Lens-Dome, Fluted Amber (Type T2)
16	AU8EO72001	1	Switch-Toogle, Spst, On-Off (Sealed)
17	127-5315	1	Trim-Tank
18	127-5316	1	Trim-Tank
19	3269-28	1	Rivet-Pop

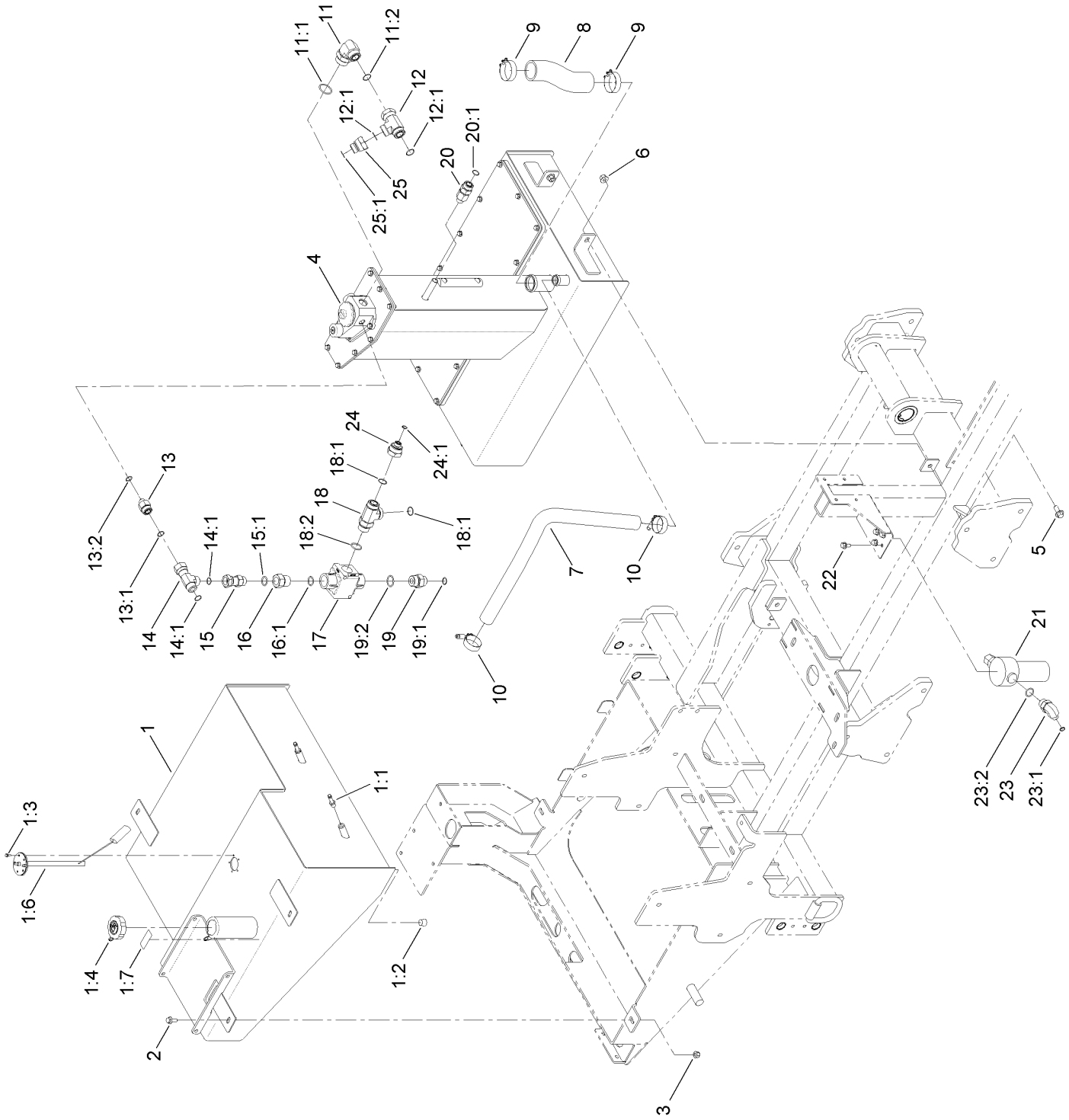
Track Assembly



Track Assembly (continued)

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

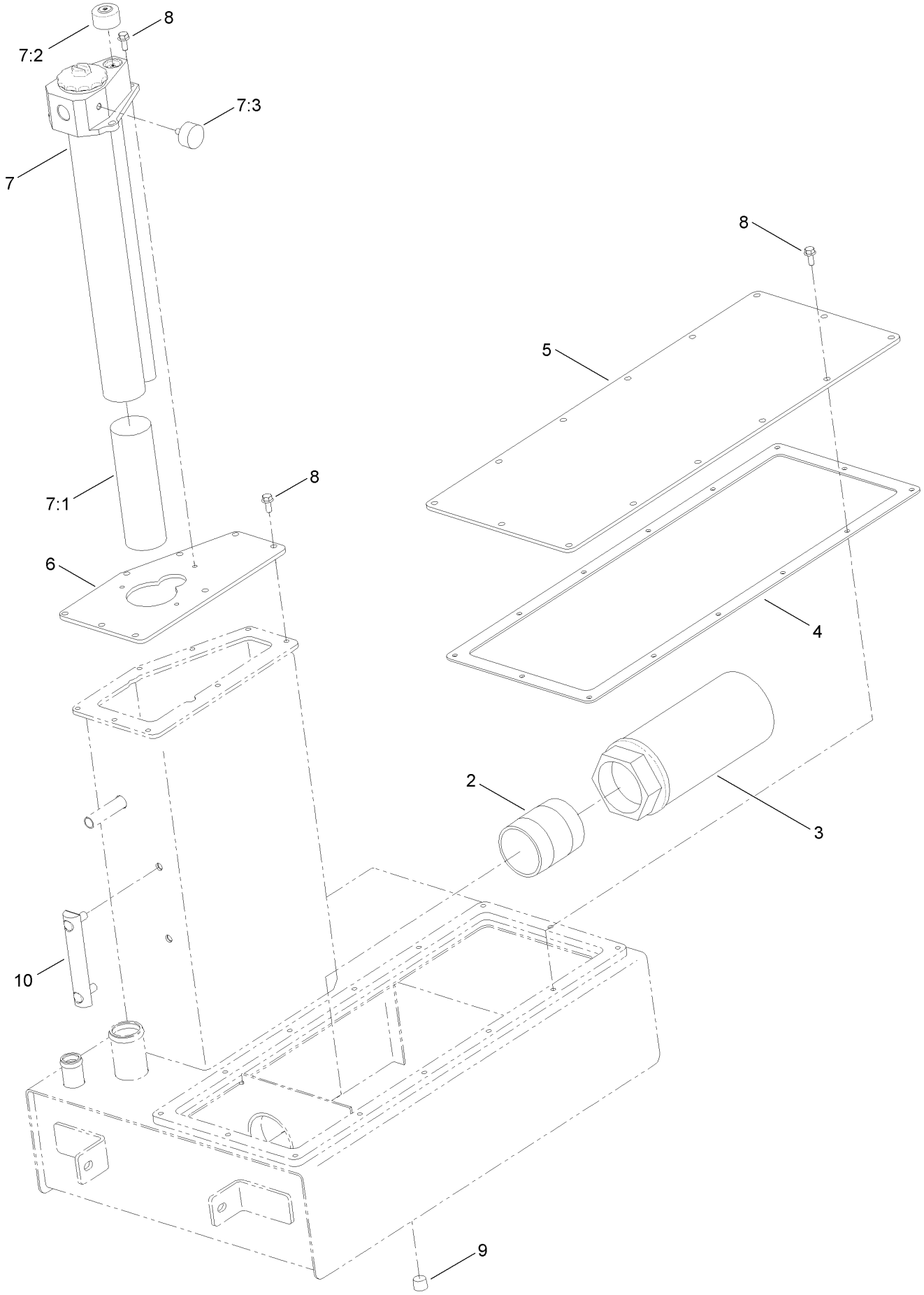
Fuel Tank and Hydraulic Tank Assembly



Fuel Tank and Hydraulic Tank Assembly (continued)

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

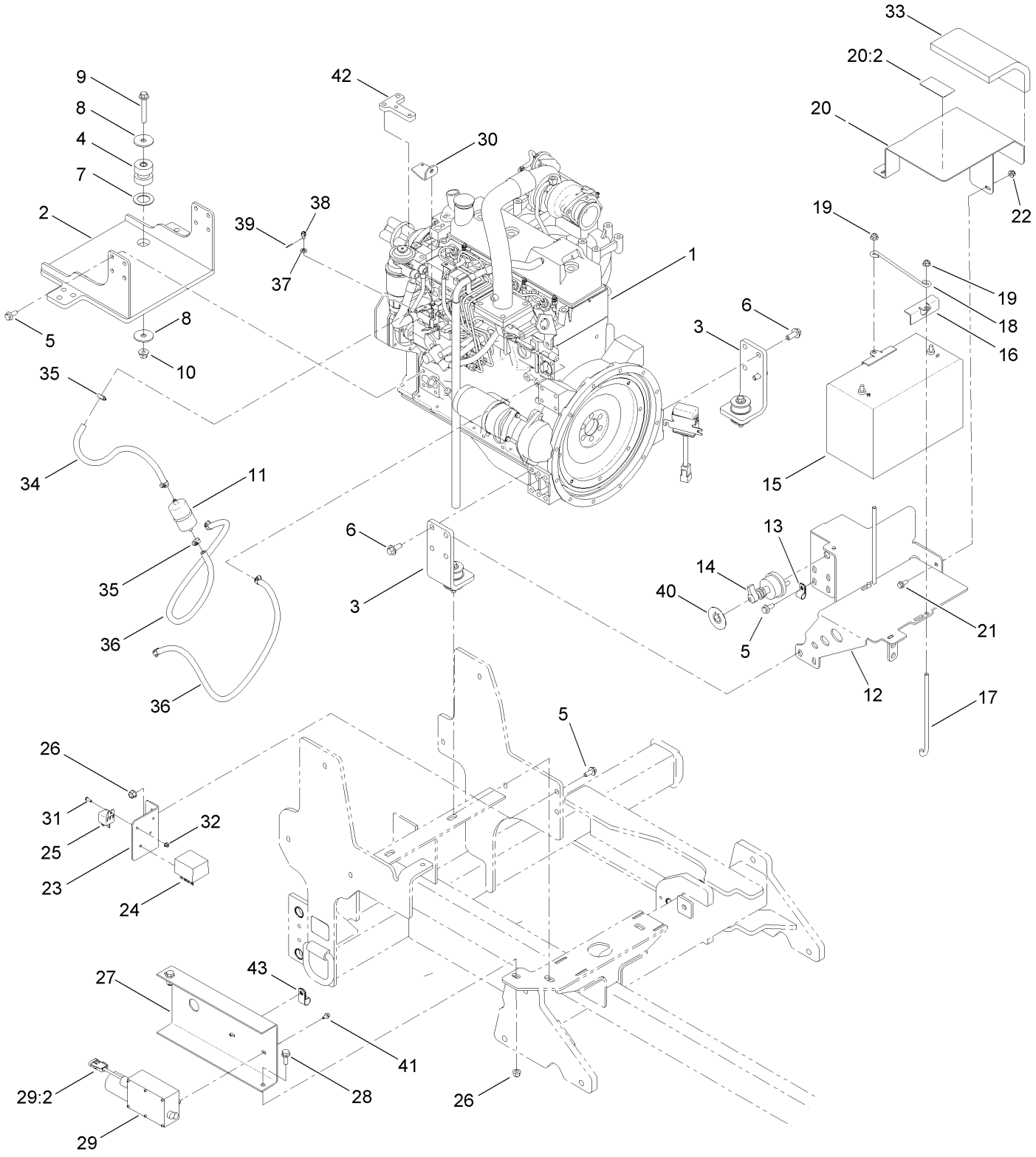
Hydraulic Tank Assembly No. 125-4511



Hydraulic Tank Assembly No. 125-4511 (continued)

Ref.	Part Number	Qty.	Description
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)
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

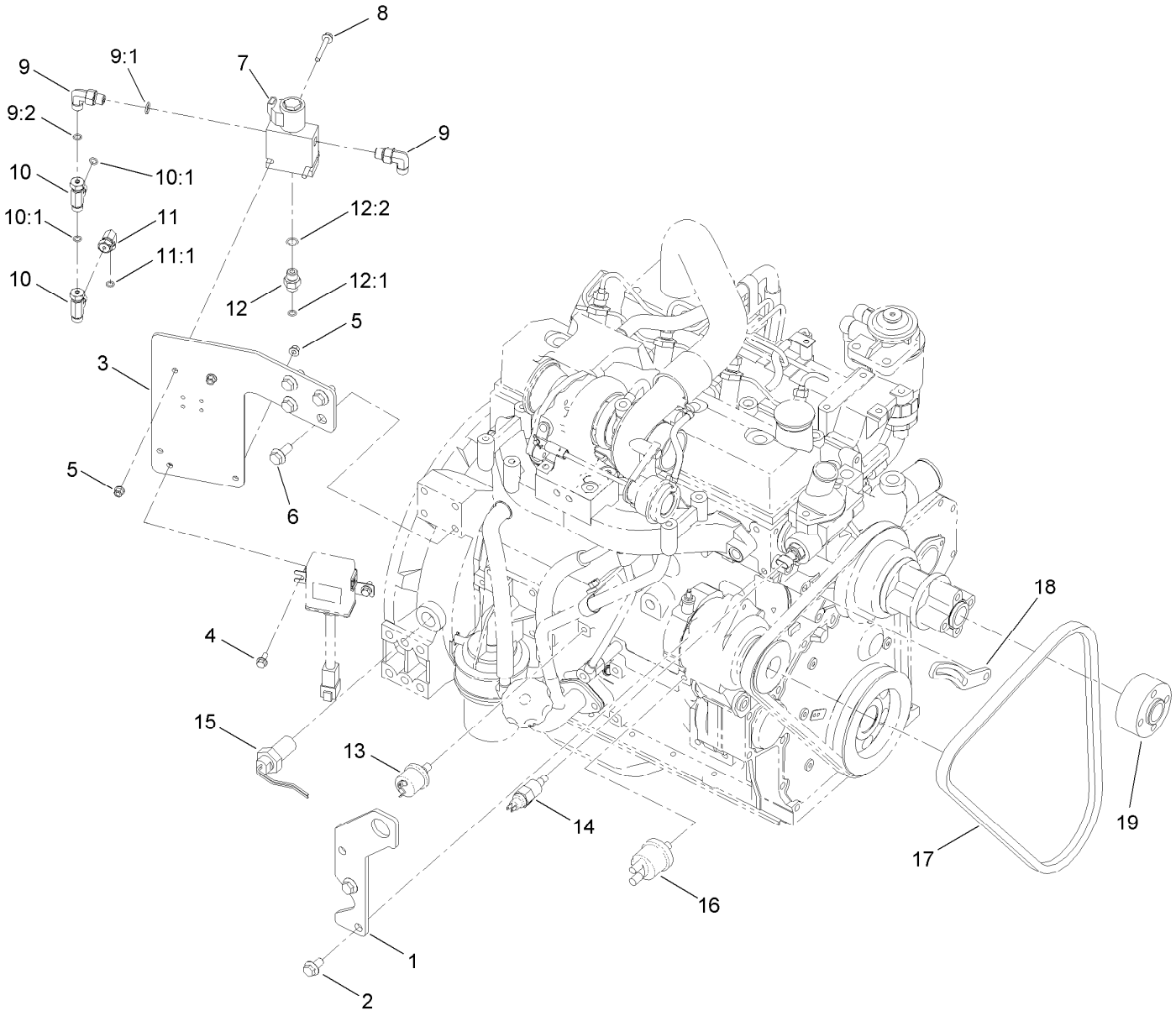


Engine and Battery Assembly (continued)

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

● Not serviced separately

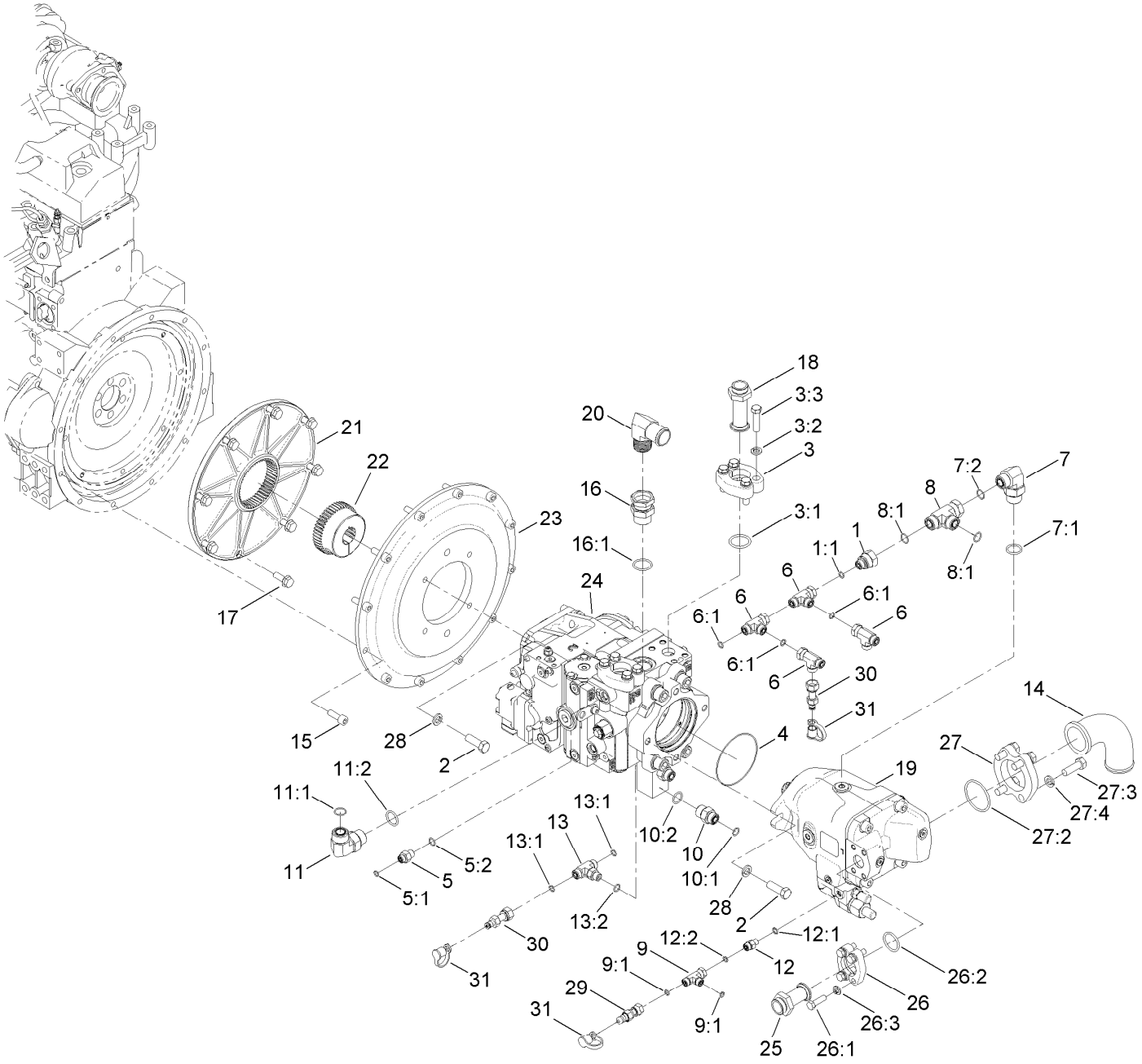
Engine Sensor and Belt Assembly



Engine Sensor and Belt Assembly (continued)

Ref.	Part Number	Qty.	Description
1	AU110823	1	Plate-Hoist Point
2	33105-020	2	Screw-HHF
3	AU130554-03	1	Plate-Mount
4	33103-016	2	Screw-HHF
5	81-0130	4	Nut-Flange, NI
6	33105-025	4	Screw-HHF
7	125-4467	1	Valve-Solenoid
8	33103-045	2	Screw-HHF
9	340-82	2	Adapter ASM
9:1	237-42	1	O-Ring
9:2	237-21	1	O-Ring
10	340-151	2	Fitting-HYD
10:1	237-75	2	O-Ring
11	92-2745	1	Fitting-Adaptor
11:1	237-21	1	O-Ring
12	340-1	1	Fitting-HYD, Straight
12:1	237-21	1	O-Ring
12:2	237-42	1	O-Ring
13	AU8NG10019-28	1	Sensor-Oil Pressure
14	AU8NG10019-29	1	Sensor-Coolant (Temp 217F)
15	AU8NG10019-30	1	Sensor-Rpm, Mag Pickup
16	AU8NG10019-27	1	Sensor-Oil Pressure, 0-80Psi
17	127-5323	1	Belt-V
18	127-5324-03	1	Bracket-Alternator
19	130-4471	1	Spacer-Fan

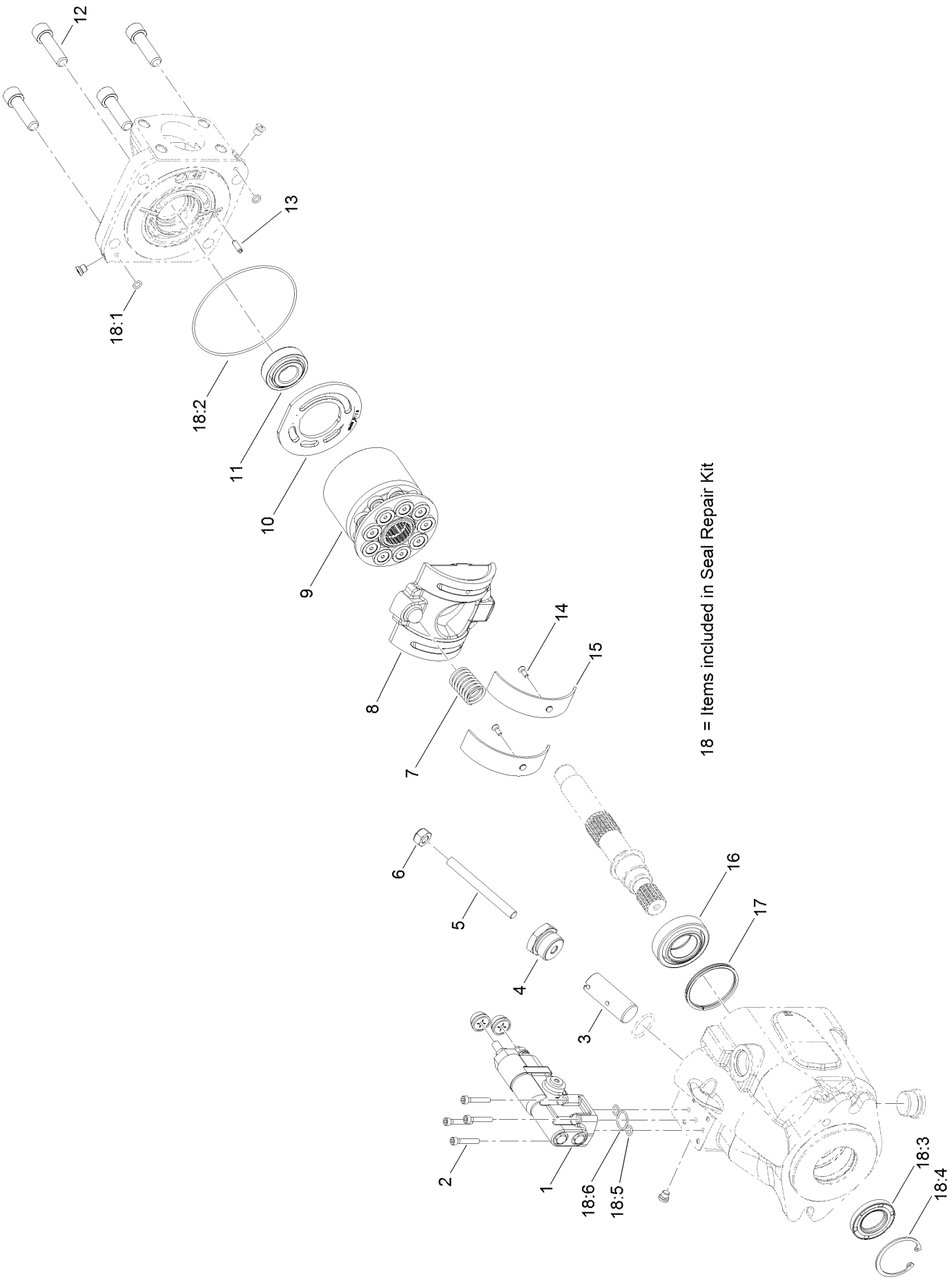
Engine Bell Housing and Hydraulic Pump Assembly



Engine Bell Housing and Hydraulic Pump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	98-7067	1	Fitting-HYD
1:1	237-22	1	O-Ring
2	115-8487	6	Screw-HH
3	AU114285A1	2	HYD Flange Kit
3:1	121-3904	1	O-Ring
3:2	3253-6	4	Washer-Lock
3:3	AU113-372	4	Screw-HH
4	115-3009	1	O-Ring
5	340-1	2	Fitting-HYD, Straight
5:1	237-21	1	O-Ring
5:2	237-42	1	O-Ring
6	340-115	4	Fitting-Tee, Swivel Nut
6:1	237-22	2	O-Ring
7	340-139	1	Fitting-HYD, 90 DEG
7:1	237-81	1	O-Ring
7:2	237-65	1	O-Ring
8	340-147	1	Fitting-HYD, Tee
8:1	237-65	2	O-Ring
9	340-151	1	Fitting-HYD
9:1	237-75	2	O-Ring
10	340-6	2	Fitting-HYD, Straight
10:1	237-30	1	O-Ring
10:2	237-80	1	O-Ring
11	340-142	1	Fitting-HYD, 90 DEG
11:1	237-58	1	O-Ring
11:2	237-81	1	O-Ring
12	340-92	1	Fitting-HYD, Straight
12:1	237-78	1	O-Ring
12:2	237-21	1	O-Ring
13	340-94	1	Adapter
13:1	237-22	2	O-Ring
13:2	237-42	1	O-Ring
14	125-4537	1	End-Hose
15	AU862-10030	12	Screw-HSH
16	AU91-2066-16-16S	1	Fitting-Straight
16:1	237-146	1	O-Ring
17	33105-030	8	Screw-HHF
18	AU8OS51616	1	Adapter-Flange, Straight
19	AU119079	1	HYD Load Sense Piston Pump ASM
20	AU217-166	1	Fitting-Elbow, 90
21	AU8PD92012	1	Coupling-Drive
22	AU8PD92013	1	Hub-Steel
23	AU8PD92014-03	1	Cover-Flywheel, Pump Mount
24	AU8PH60051	1	HYD Hydrostat Pump ASM
25	AU8OS11616	1	Adapter-Flange, Straight
26	AU8TS46116	1	Split Flange Kit
26:1	323-44	4	Screw-HH
26:2	121-3904	1	O-Ring
26:3	3253-21	4	Washer-Lock
27	125-4538	1	Flange Kit
27:2	125-6148	1	O-Ring
27:3	325-6	4	Screw-HH
27:4	3253-7	4	Washer-Lock
28	3253-7	6	Washer-Lock
29	115-8886	1	Nipple-Test
30	86-5480	2	Nipple-Test
31	354-79	3	Cap-Dust

Hydraulic Load Sense Piston Pump No. AU119079

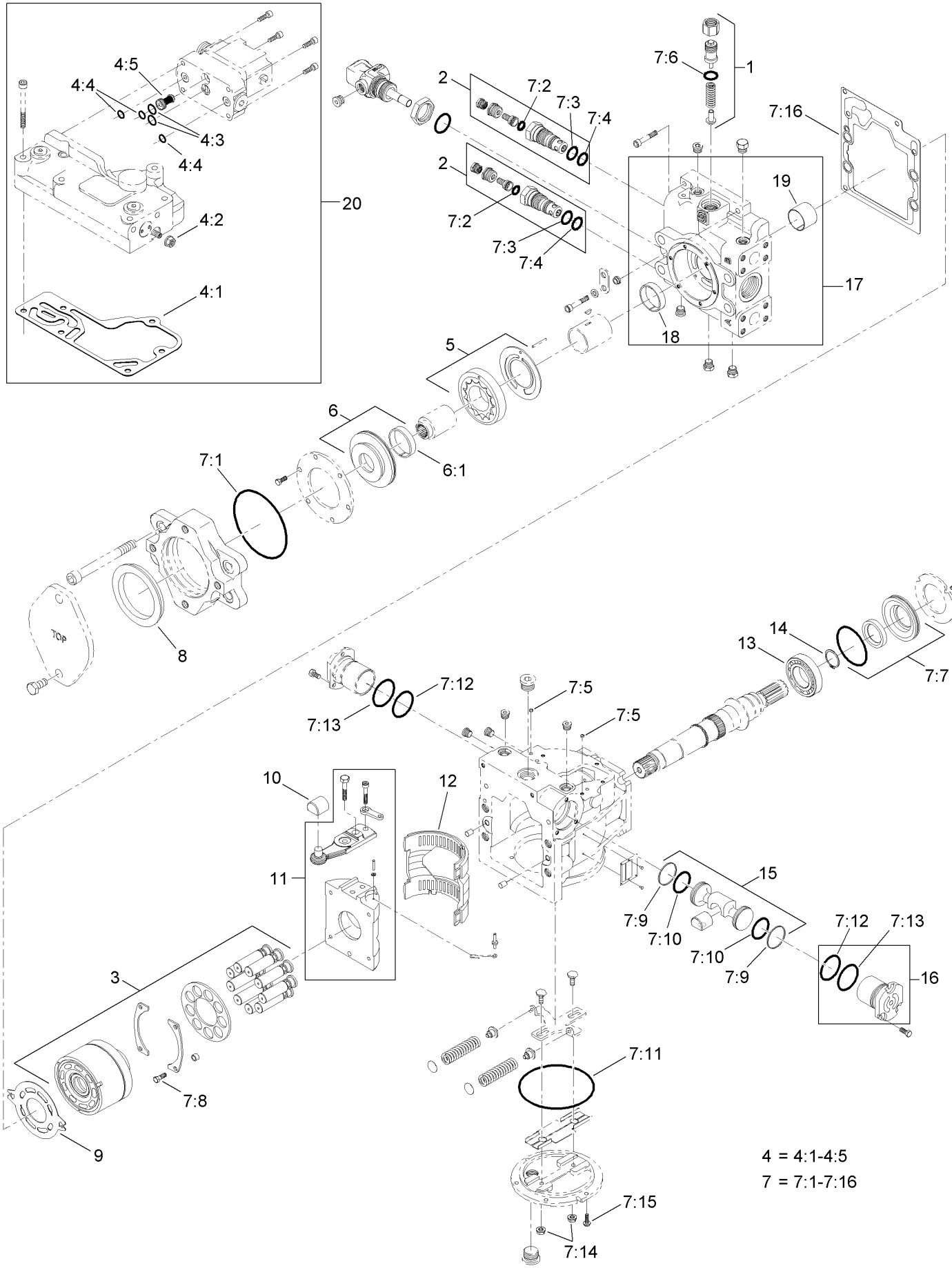


Hydraulic Load Sense Piston Pump No. AU119079 (continued)

Ref.	Part Number	Qty.	Description
1	127-9681	1	Compensator ASM
2	127-9682	4	Screw-Cap
3	127-9683	1	Piston-Control
4	127-9684	1	Plug-Adjuster, Stroke
5	127-9685	1	Screw-Set, Adjuster
6	127-9686	1	Nut-Sealing
7	127-9677	1	Spring-Bias
8	127-9678	1	Swashplate
9	127-9679	1	Rotating ASM
10	127-9672	1	Plate-Valve
11	127-9674	1	Rear Shaft Bearing ASM
12	127-9680	4	Screw-Cap
13	93-6369	1	Pin-Roll
14	127-9676	2	Screw-HSFH
15	127-9675	2	Bearing-Swashplate
16	127-9673	1	Front Shaft Bearing ASM
17	127-9671	1	Ring-Crush
18	127-9687	1	Seal Kit
18:1		2	O-Ring ●
18:2		1	O-Ring ●
18:3	105-3331	1	Seal-Shaft
18:4	60-6260	1	Ring
18:5		2	O-Ring ●
18:6		1	O-Ring ●

● Not serviced separately

Hydrostat Pump Assembly No. AU8PH60051

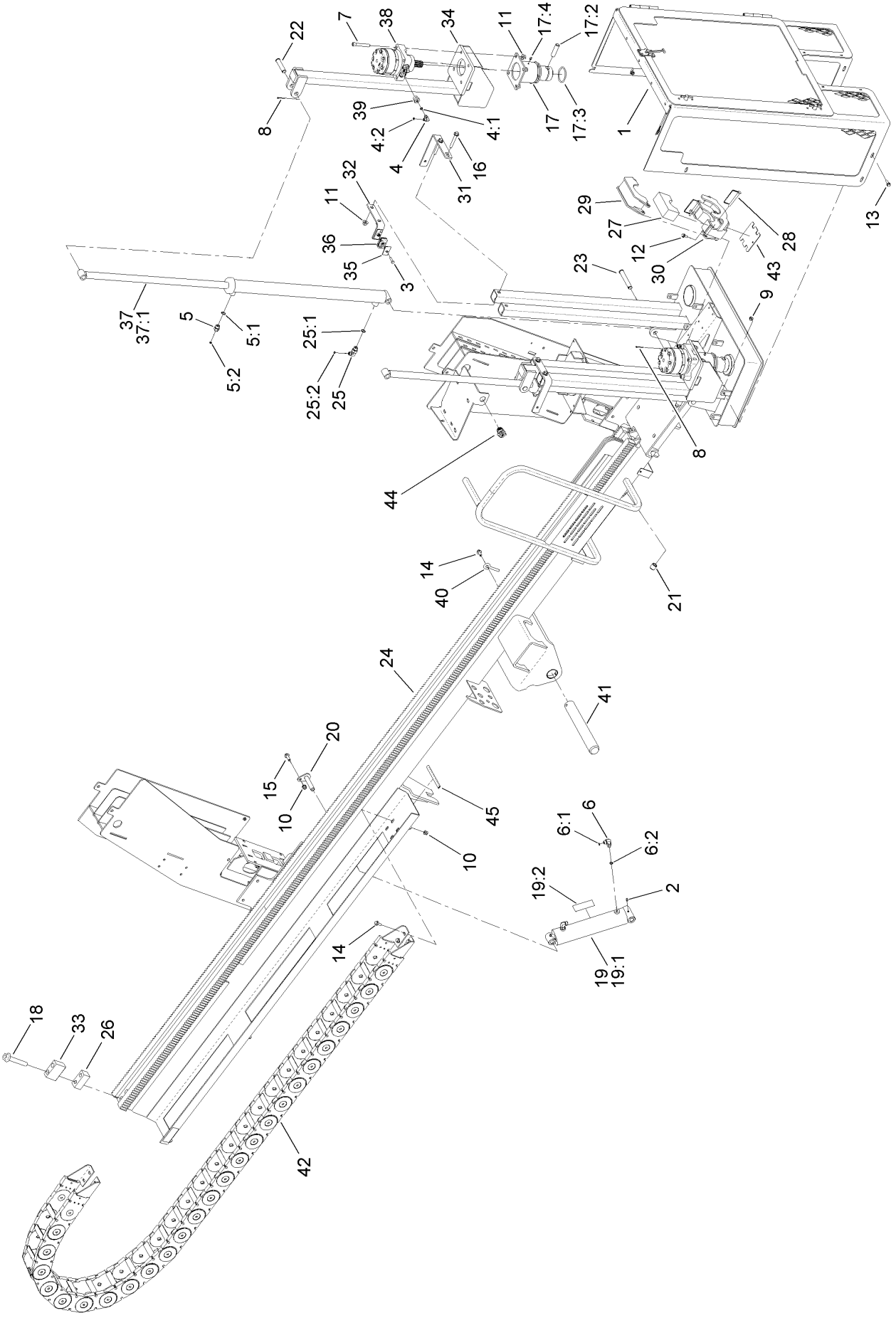


Hydrostat Pump Assembly No. AU8PH60051 (continued)

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

● Not serviced separately

Thrust Frame and Stakedown Assembly

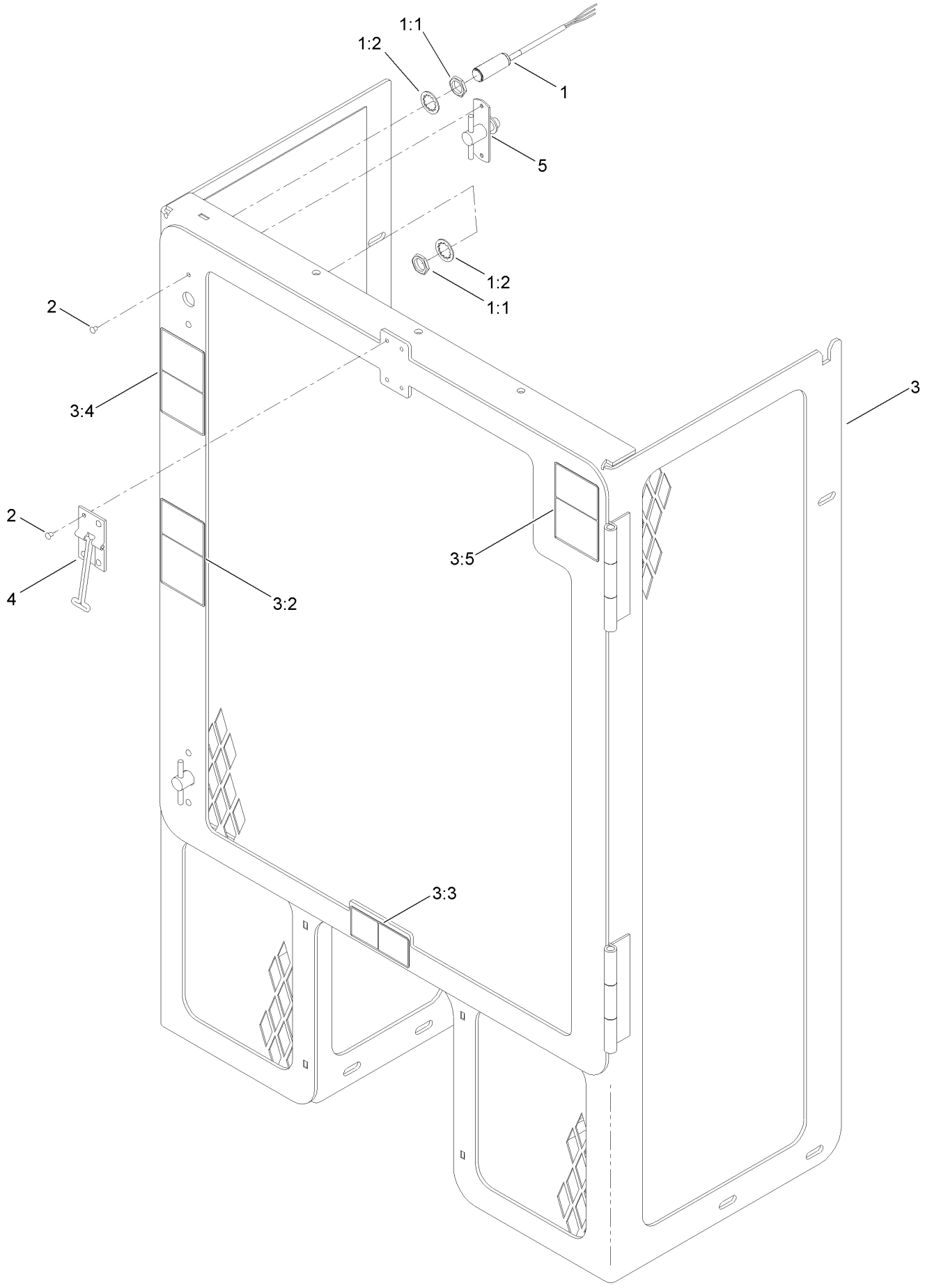


Thrust Frame and Stakedown Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-0992	1	Stakedown Cage ASM
2	302-57	2	Fitting-Grease
3	322-47	2	Screw-HH
4	340-132	4	Fitting-HYD, 90 DEG
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	340-133	2	Adapter ASM
5:1	237-79	1	O-Ring
5:2	237-21	1	O-Ring
6	340-77	2	Fitting-HYD, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	AU864-12080	8	Screw-HSH
8	3272-12	4	Pin-Cotter
9	104-3082	10	Nut-Lock, HHF
10	103-9511	5	Nut-Lock, NI
11	115-1115	12	Nut-Lock, HHF
12	33104-020	4	Screw-HHF
13	33104-030	10	Screw-HHF
14	33105-025	5	Screw-HHF
15	33105-035	1	Screw-HHF
16	33106-080	4	Screw-HHF
17	AU12GB7507	2	Stakedown Coupler ASM
17:2	AU12GB7514	1	Pin-Coupling, Stake
17:3	AU8HS51334	1	O-Ring
17:4	302-57	1	Fitting-Grease
18	AU100378	2	Screw-HHF
19	127-0913	1	Lift Cylinder ASM
19:1		1	Cylinder-Hydraulic ●
19:2	125-6115	1	Decal-Caution, Cylinder Lock
20	AU109483	1	Pin-Flag
21	AU109676	2	Bushing-Spring
22	AUS10839	2	Pin-Clevis
23	AU110282	2	Pin-Clevis
24	127-0898	1	Thrust Frame ASM
25	108-5687	2	Fitting-Elbow, 90
25:1	237-79	1	O-Ring
25:2	237-21	1	O-Ring
26	AU112132-03	1	Block-Tapped
27	AU113442	2	Bushing-Rod Guide
28	AU113514	2	Pin-Self Locking
29	AU113516-03	1	Guide-Rod Bushing, Top
30	AU113517-03	1	Guide-Rod Bushing, Bottom
31	AU113696-03	2	Tie-Post, Stakedown
32	AU12GB2011-03	2	Tie-Post, Hose Bracket
33	AU12GB2030-03	1	Stop-Carriage
34	AU12GB7508-03	2	Stakedown
35	AU8CL21201	2	Plate-Cover, Twin
36	AU8CL21704	2	Clamp-Half (Set Of 2)
37	AU8HC20030	2	HYD Cylinder ASM
37:1	AU8HC20030-2	1	Seal Kit
38	AU8HM24055	2	HYD Motor ASM
39	AU8SA31004	4	Reducer-Straight, Threaded
40	AUH313981	1	Pin-Retainer
41	125-4525	1	Pin-Pivot, Thrust Frame
42	AU110373	1	Carrier-Hose
43	125-4468-03	1	Shim-Rod Guide, Bottom
44	109-9376	1	Receptacle-12V
45	127-0976	1	Trim-Carrier, Hose

● Not serviced separately

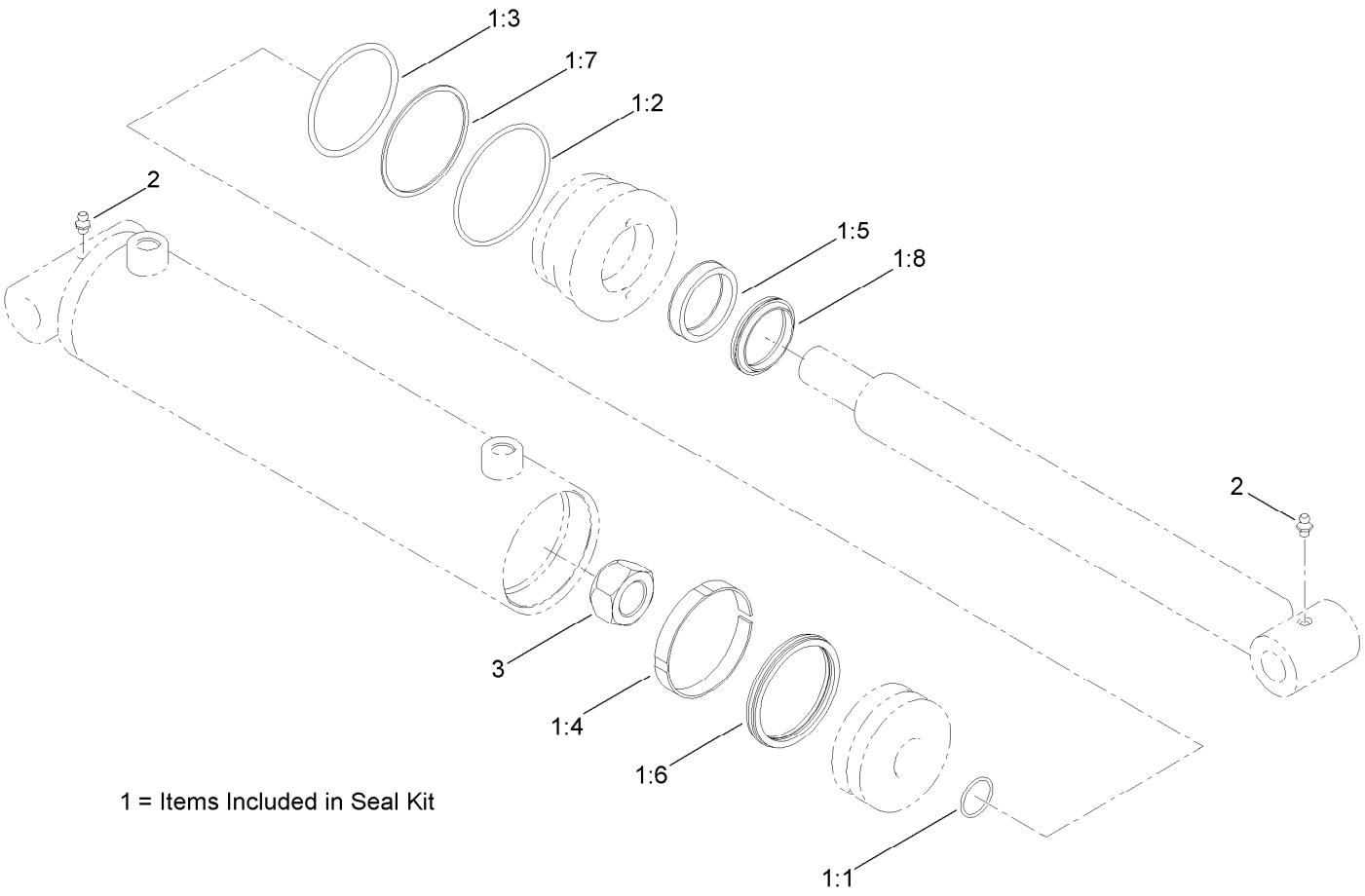
Stakedown Cage Assembly No. 127-0992



Stakedown Cage Assembly No. 127-0992 (continued)

Ref.	Part Number	Qty.	Description
1	115-5300	1	Proximity Switch ASM
1:1	117-3207	2	Nut-Hex
1:2	117-3208	2	Washer-Lock, Internal Tooth
2	1-803035	8	Rivet-Pop
3	127-0912	1	Stakedown Cover ASM
3:2	125-6114	1	Decal-Danger, Impact Hazard
3:3	125-6119	1	Decal-Danger, Entanglement
3:4	125-6126	1	Decal-Warning, Entanglement
3:5	125-6131	2	Decal-Danger, Hazardous Area
4	AU114618	1	Latch-Retaining
5	AUL102515	2	Latch

Hydraulic Cylinder Assembly No. 127-0913



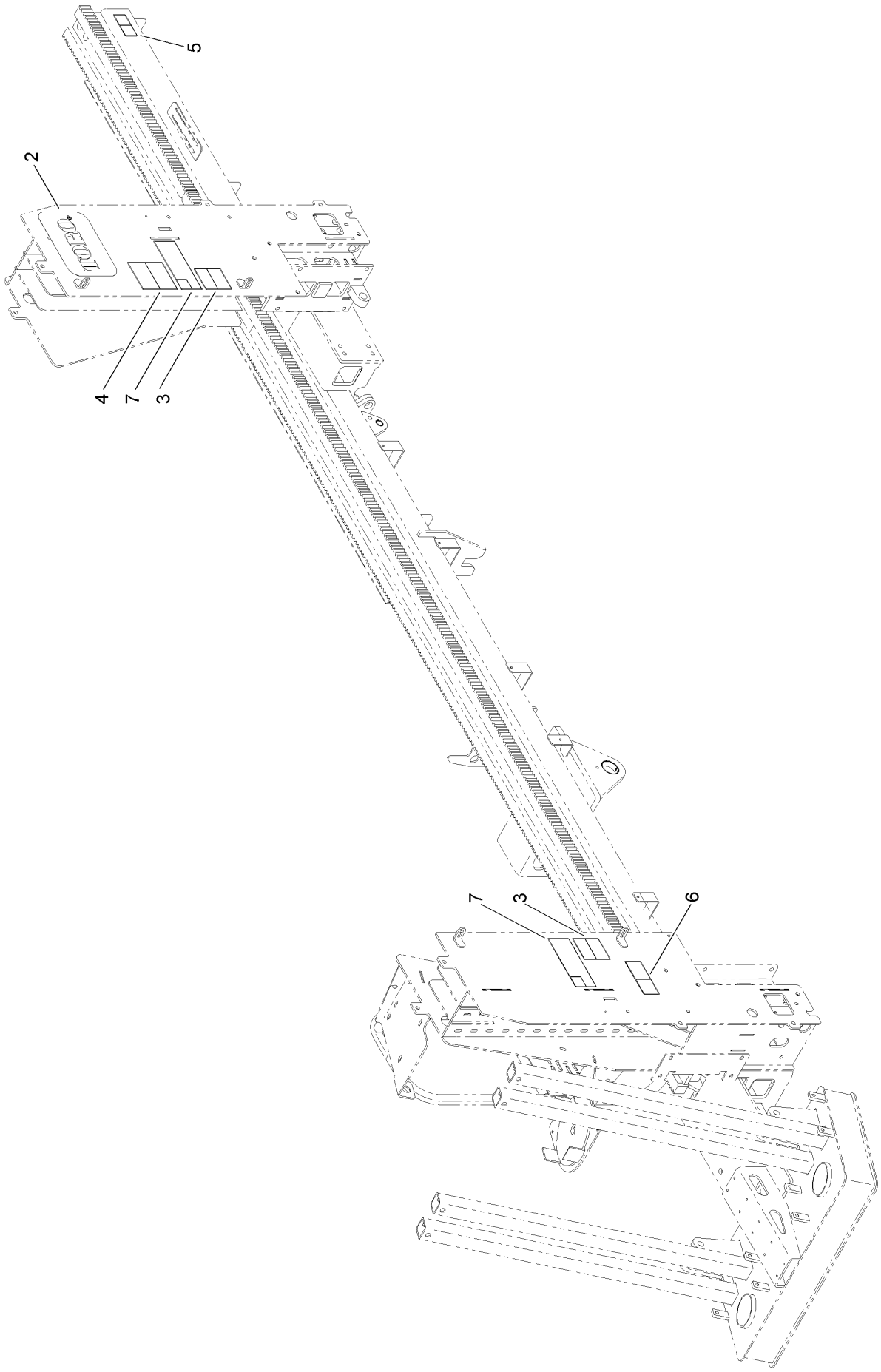
1 = Items Included in Seal Kit

Hydraulic Cylinder Assembly No. 127-0913 (continued)

Ref.	Part Number	Qty.	Description
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 ●
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

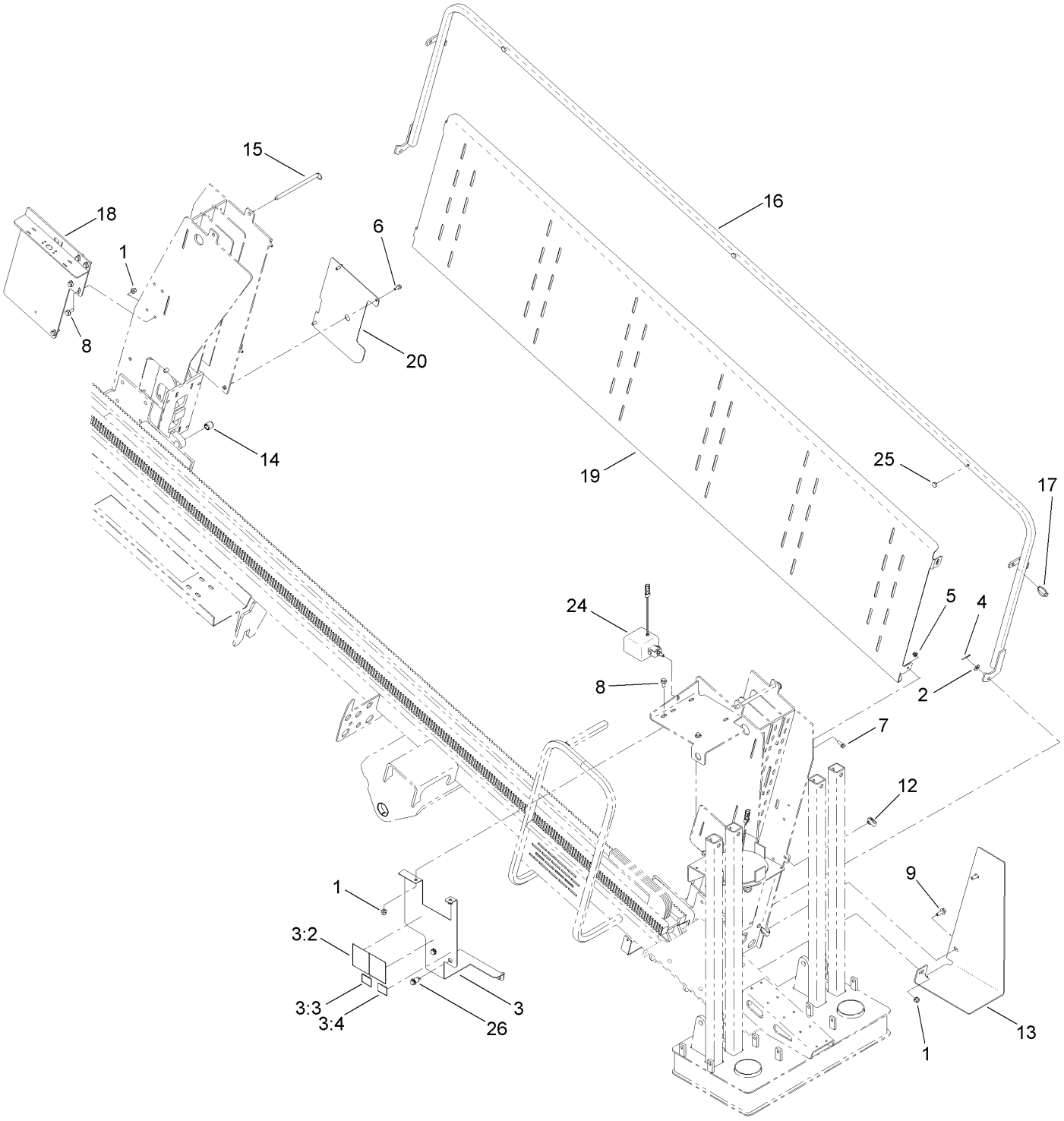
Thrust Frame Assembly No. 127-0898



Thrust Frame Assembly No. 127-0898 (continued)

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

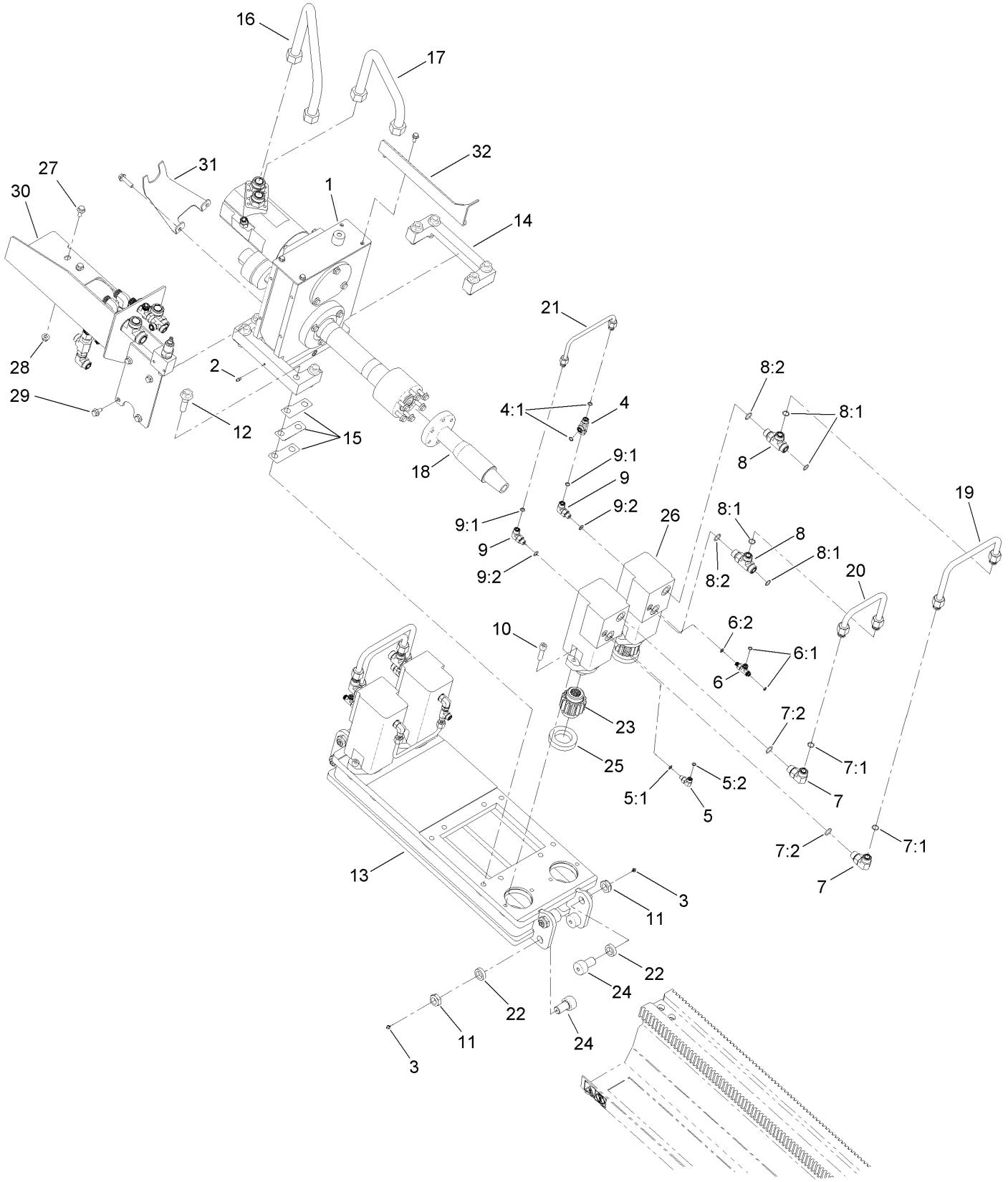
Rod Box Panel and Guard Assembly



Rod Box Panel and Guard Assembly (continued)

Ref.	Part Number	Qty.	Description
1	103-9511	8	Nut-Lock, NI
2	106-9888	2	Washer-Flat
3	127-0916	1	Guard Plate ASM
3:2	125-6111	1	Decal-Stakedown Set Up
3:3	125-6123	1	Decal-Pipe Return, Clear
3:4	125-6124	1	Decal-Pipe Breakout, Clear
4	3272-12	2	Pin-Cotter
5	104-3082	4	Nut-Lock, HHF
6	33104-020	6	Screw-HHF
7	33104-025	4	Screw-HHF
8	33105-025	8	Screw-HHF
9	33105-030	3	Screw-HHF
12	AU100863	2	Nut-U
13	AU109021-03	1	Cover-Side
14	AU109676	2	Bushing-Spring
15	AU109894	4	Pin
16	AU109905-01	1	Guard
17	AU109970	2	Pin-Snap Ring
18	AU124738-03	1	Plate-Mount, Switch
19	AU129871-03	1	Panel-Rod Box
20	AU12GB7390-03	2	Guard-Elevator
24	122-0144	2	Work Light ASM
25	1-513658	3	Bumper
26	131-0040	2	Lamp-Indicator, Led

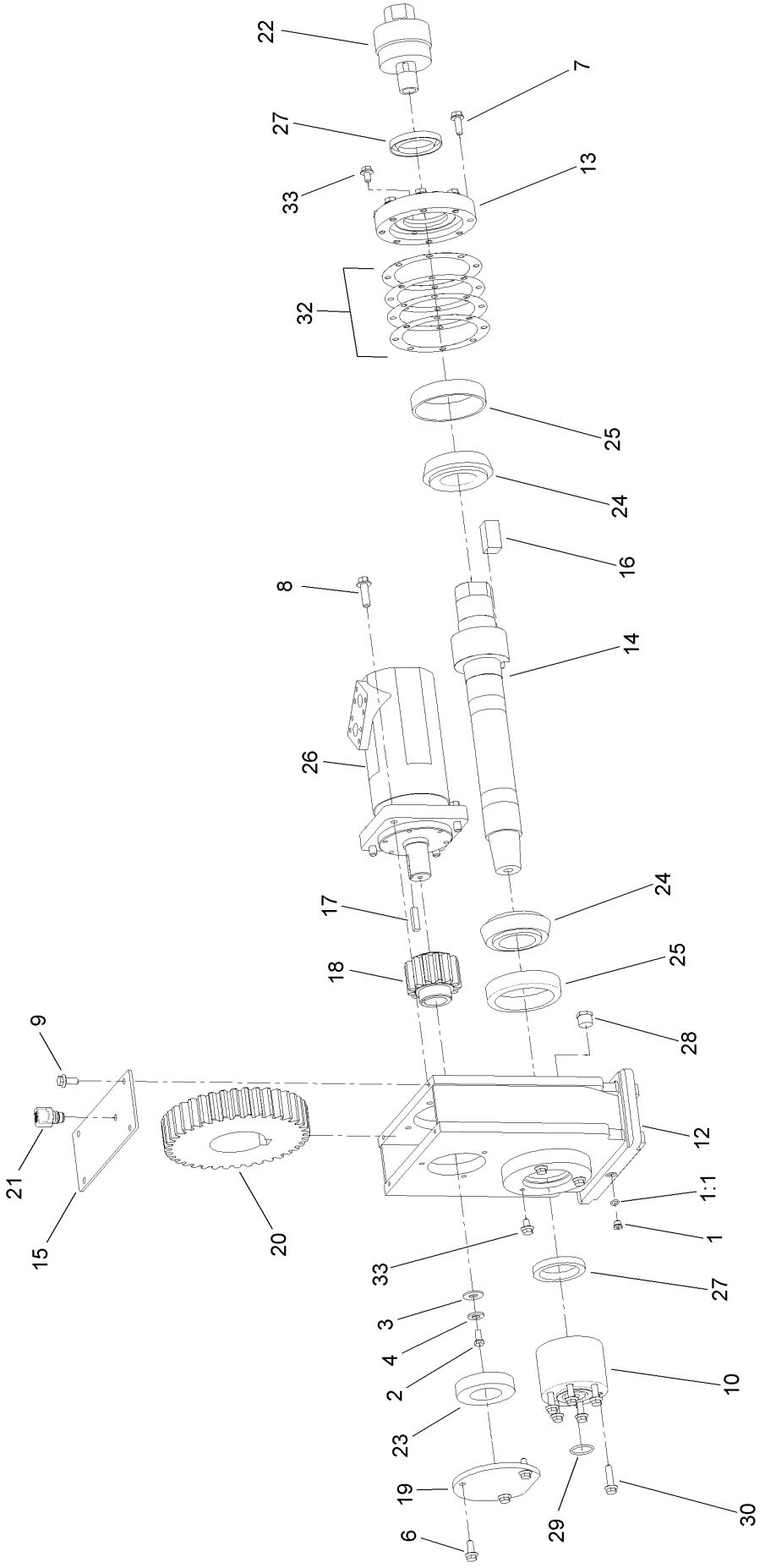
Rotary Gearbox and Carriage Assembly



Rotary Gearbox and Carriage Assembly (continued)

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

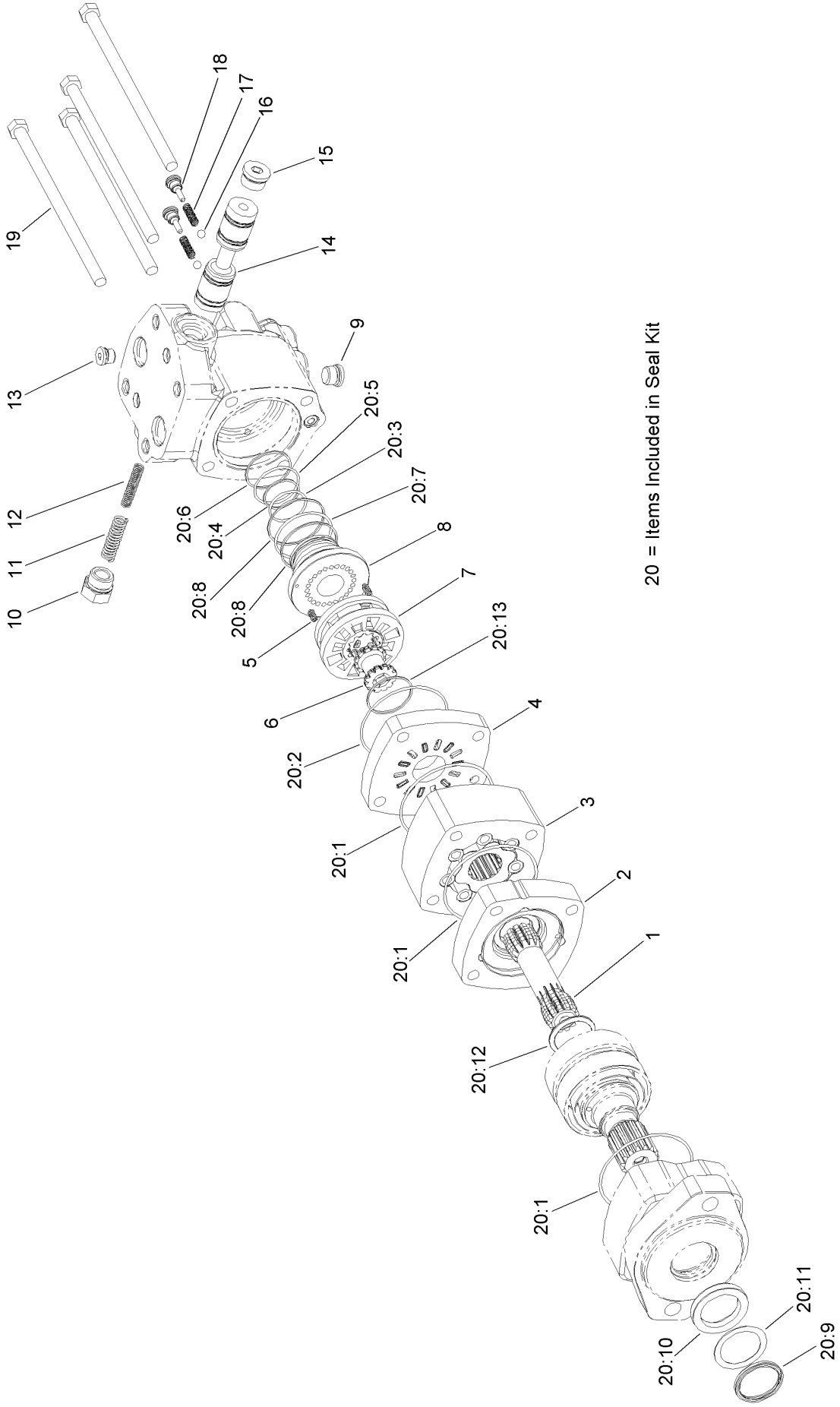
Rotary Gearbox Assembly No. 125-4512



Rotary Gearbox Assembly No. 125-4512 (continued)

Ref.	Part Number	Qty.	Description
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 (Hardened)
6	33105-025	3	Screw-HHF
7	33105-040	8	Screw-HHF
8	33106-040	4	Screw-HHF
9	33104-020	4	Screw-HHF
10	AU114315	1	Adapter-Spindle
12	AU12GB4403	1	Box-Rotary
13	AU12GB4412	1	Plate-Bearing Cap
14	AU12GB4420	1	Spindle-Rotary
15	130-4508-03	1	Rotary Box Cover [black]
16	AU12GB4455	1	Key-Rotary Box
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)
21	115-9793	1	Breather
22	AU32GB4210	1	Swivel-Mud
23	AU8CF40011	1	Bearing-Radial Ball
24	AU8CF63016	2	Cone-Bearing
25	AU8CF63017	2	Cup-Bearing
26	AU8HM24051	1	HYD Motor ASM
27	AU8HS11033	2	Seal-Shaft
28	AU8PP70008	1	Plug-Site Glass
29	237-187	1	O-Ring
30	AU100331	6	Screw-HHF
32	AU12GB4425-001	1	Shim-Rotary Bearing (.001 Thick)
32	AU12GB4425-003	1	Shim-Rotary Bearing (.003 Thick)
32	AU12GB4425-005	1	Shim-Rotary Bearing (.005 Thick)
32	AU12GB4425-010	1	Shim-Rotary Bearing (.010 Thick)
33	33105-016	5	Screw-HHF

Hydraulic Motor Assembly No. AU8HM24035

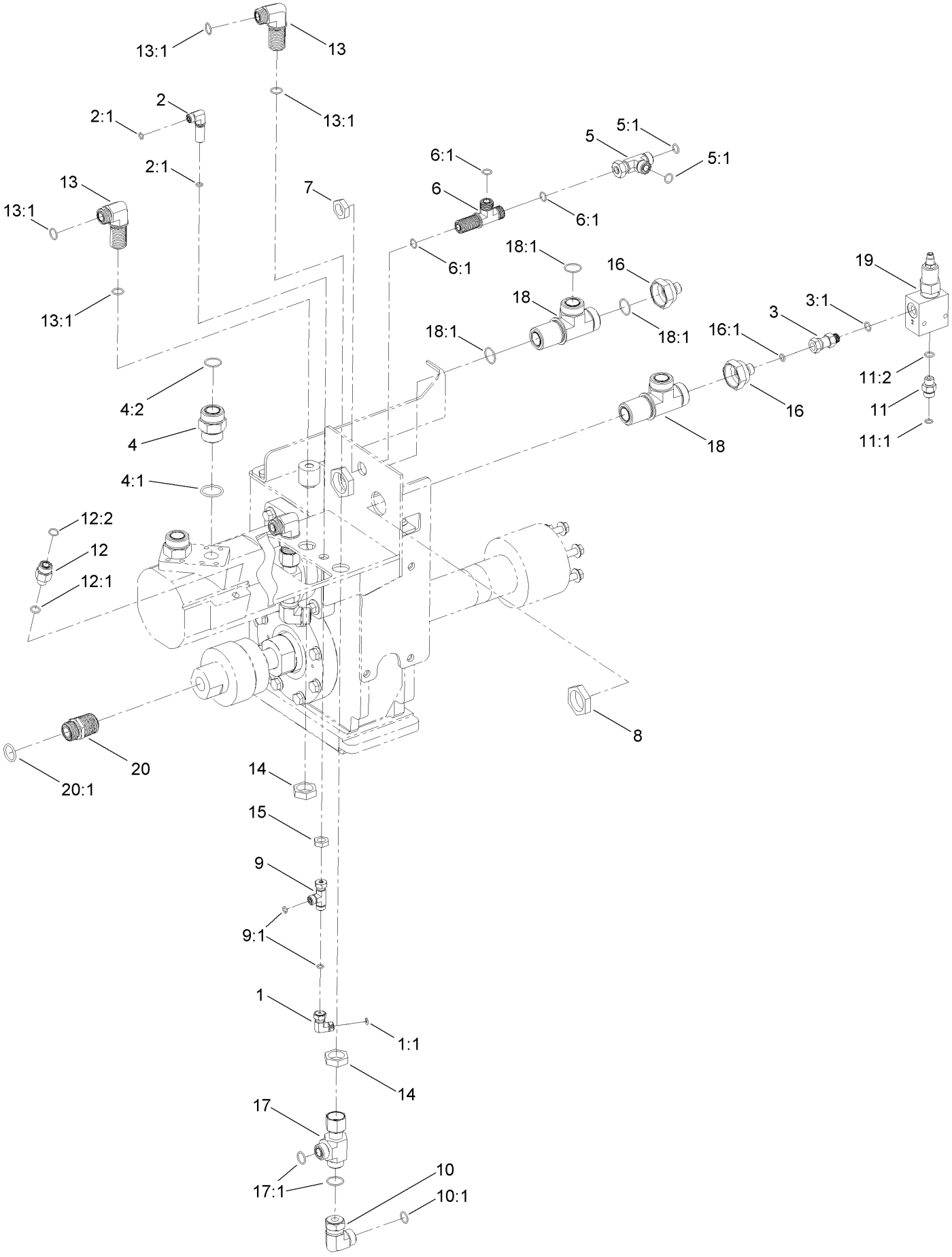


Hydraulic Motor Assembly No. AU8HM24035 (continued)

Ref.	Part Number	Qty.	Description
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
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

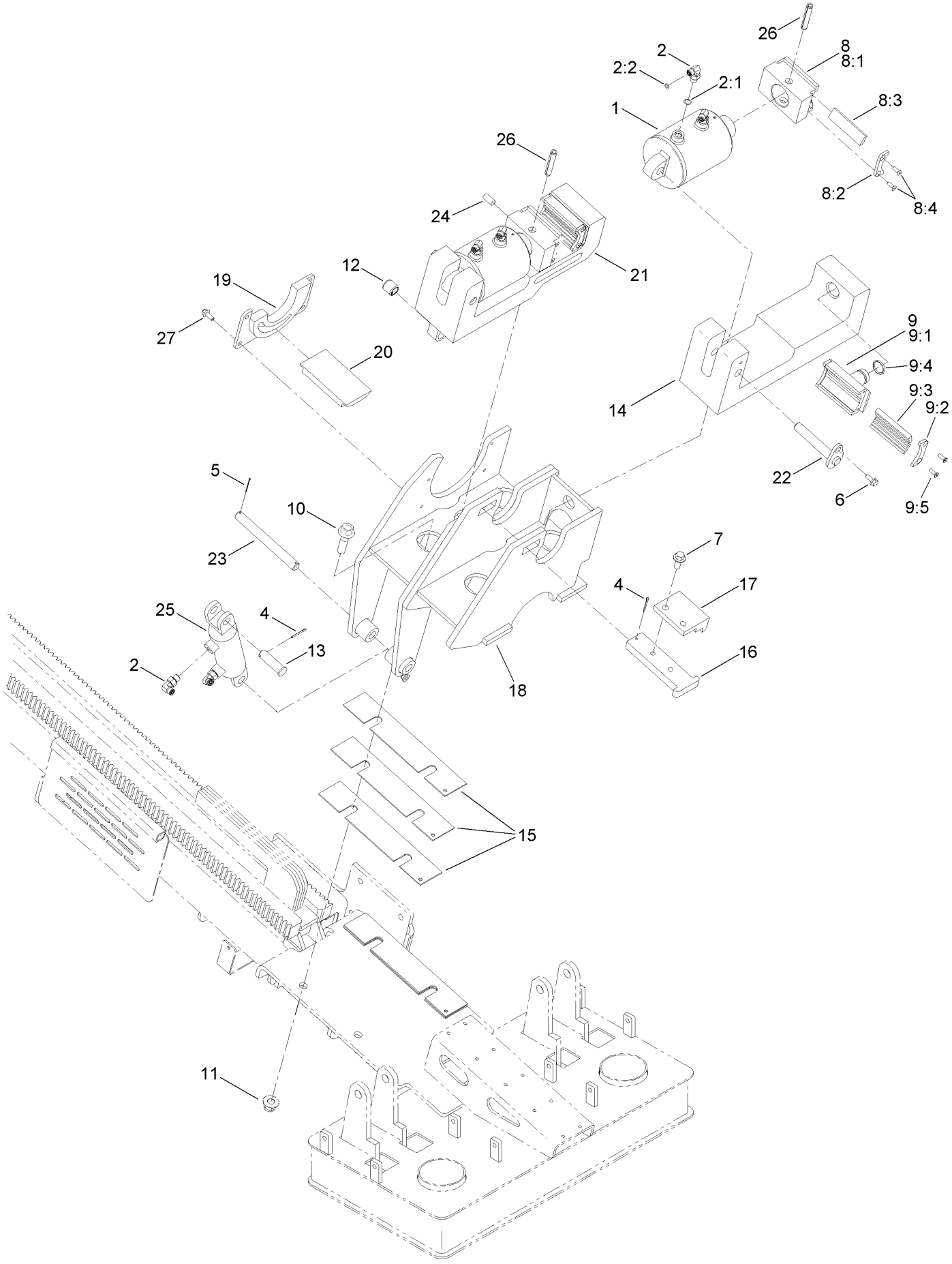
Rotary Hydraulic Fitting Assembly



Rotary Hydraulic Fitting Assembly (continued)

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

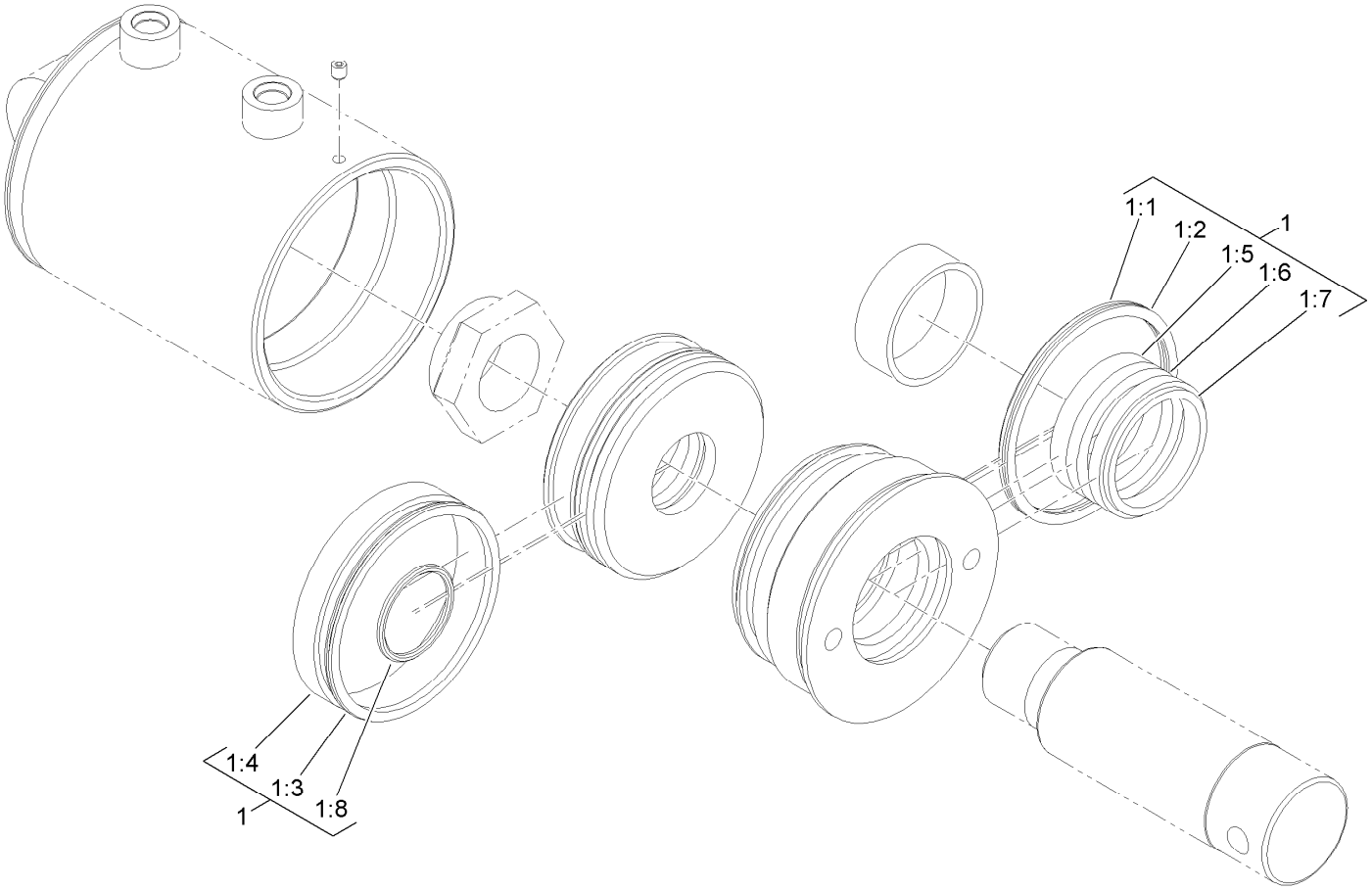
Rod Wrench and Clamp Assembly



Rod Wrench and Clamp Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-4464	2	HYD Cylinder ASM
2	340-82	6	Adapter ASM
2:1	237-42	1	O-Ring
2:2	237-21	1	O-Ring
4	3272-12	2	Pin-Cotter
5	3272-42	2	Pin-Cotter
6	33104-020	2	Screw-HHF
7	33106-030	2	Screw-HHF
8	AU12GB6020	2	Moving Die Holder ASM
8:1	AU12GB6021	1	Holder-Die, Moving
8:2	AU12GB6027	2	Retainer-Die
8:3	AU12GB6036	2	Tong-Die
8:4	3289-4	4	Screw-FH
9	AU12GB6025	2	Fixed Die Holder ASM
9:1	AU12GB6026	1	Holder-Die, Fixed
9:2	AU12GB6027	2	Retainer-Die
9:3	AU12GB6036	2	Tong-Die
9:4	AU8HS51214	1	Seal, O-Ring
9:5	3289-4	4	Screw-FH
10	33108-060	4	Screw-HHF
11	AU100529	4	Nut-HHF
12	AU109676	1	Bushing-Spring
13	AU109885	1	Pin-Clevis
14	AU111505-03	1	Base-Fixed Clamp
15	AU112270-03	6	Plate-Shim
16	AU115060-03	1	Pin-Retaining (W/ TAP Holes)
17	AU115061	1	Block-Stop, Cylinder
18	AU12GB6001-03	1	Wrench
19	AU12GB6010-03	1	Retainer-Pivot Key, Wrench
20	AU12GB6014	1	Key-Pivot, Wrench
21	AU12GB6041-03	1	Clamp-Rotating, Wrench
22	AU12GB6055	2	Pin-Flagged
23	AU12GB6057	1	Pin-Cylinder
24	AU8CT61601	1	Pin-Dowel
25	AU8HC21004	1	HYD Cylinder ASM
26	AU12GB6056	2	Pin-Spring
27	33104-016	4	Screw-HHF

Hydraulic Cylinder Assembly No. 125-4464

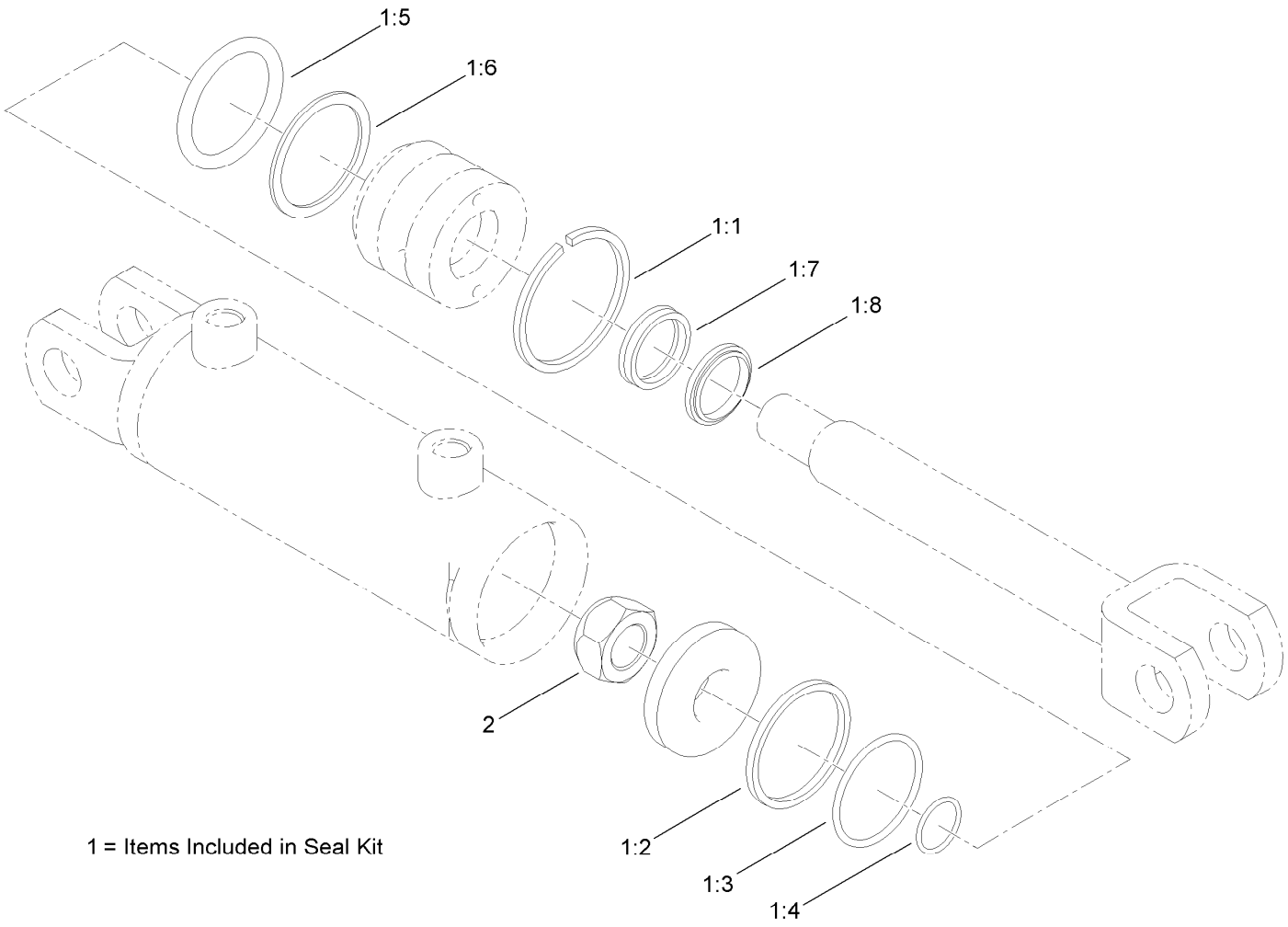


Hydraulic Cylinder Assembly No. 125-4464 (continued)

Ref.	Part Number	Qty.	Description
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 ●
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



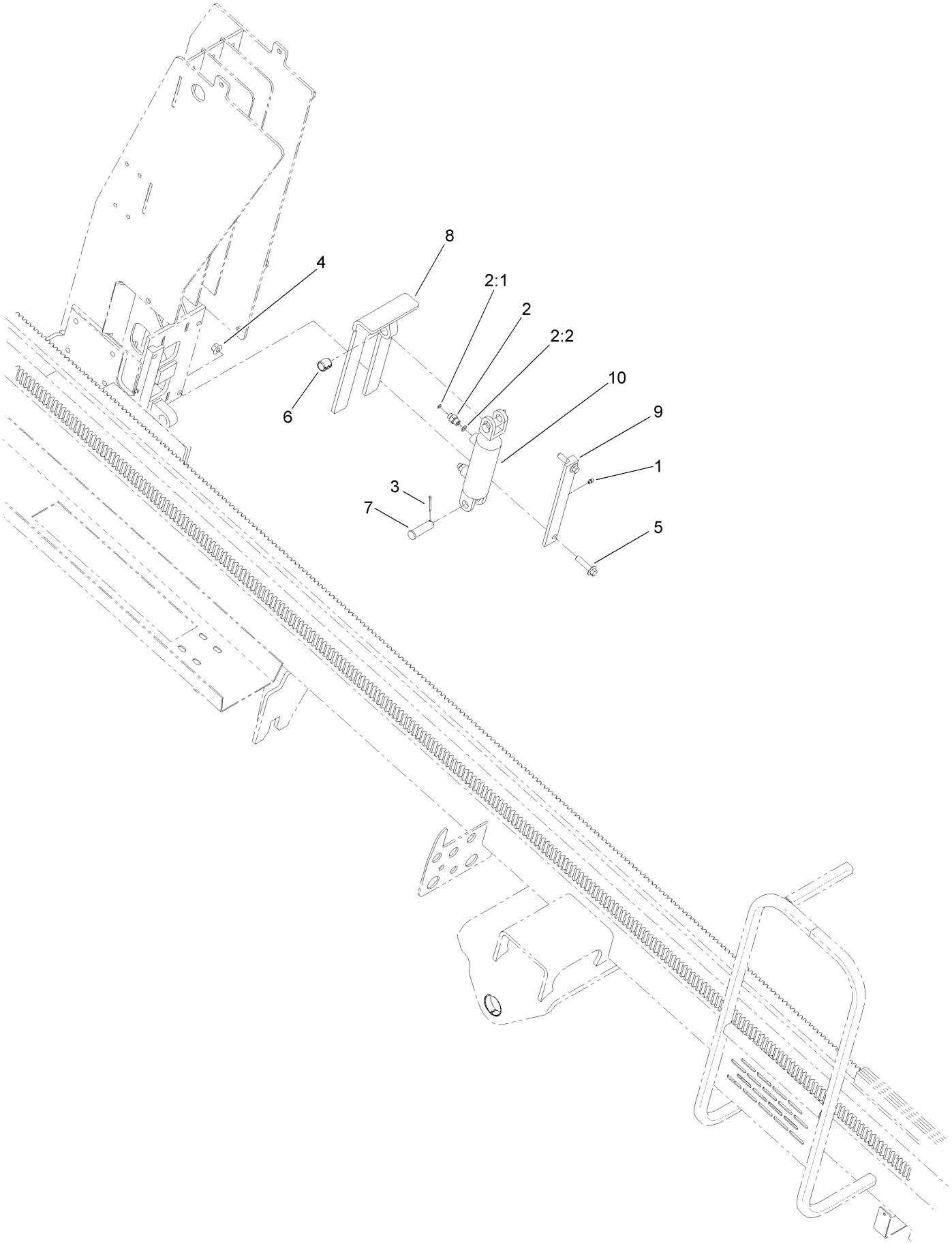
1 = Items Included in Seal Kit

Hydraulic Cylinder Assembly No. AU8HC21004 (continued)

Ref.	Part Number	Qty.	Description
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 ●
1:5		1	O-Ring ●
1:6		1	Washer-Back Up ●
1:7		1	Seal-U Cup ●
1:8		1	Wiper ●
2	112-3982	1	Nut-Lock

● Not serviced separately

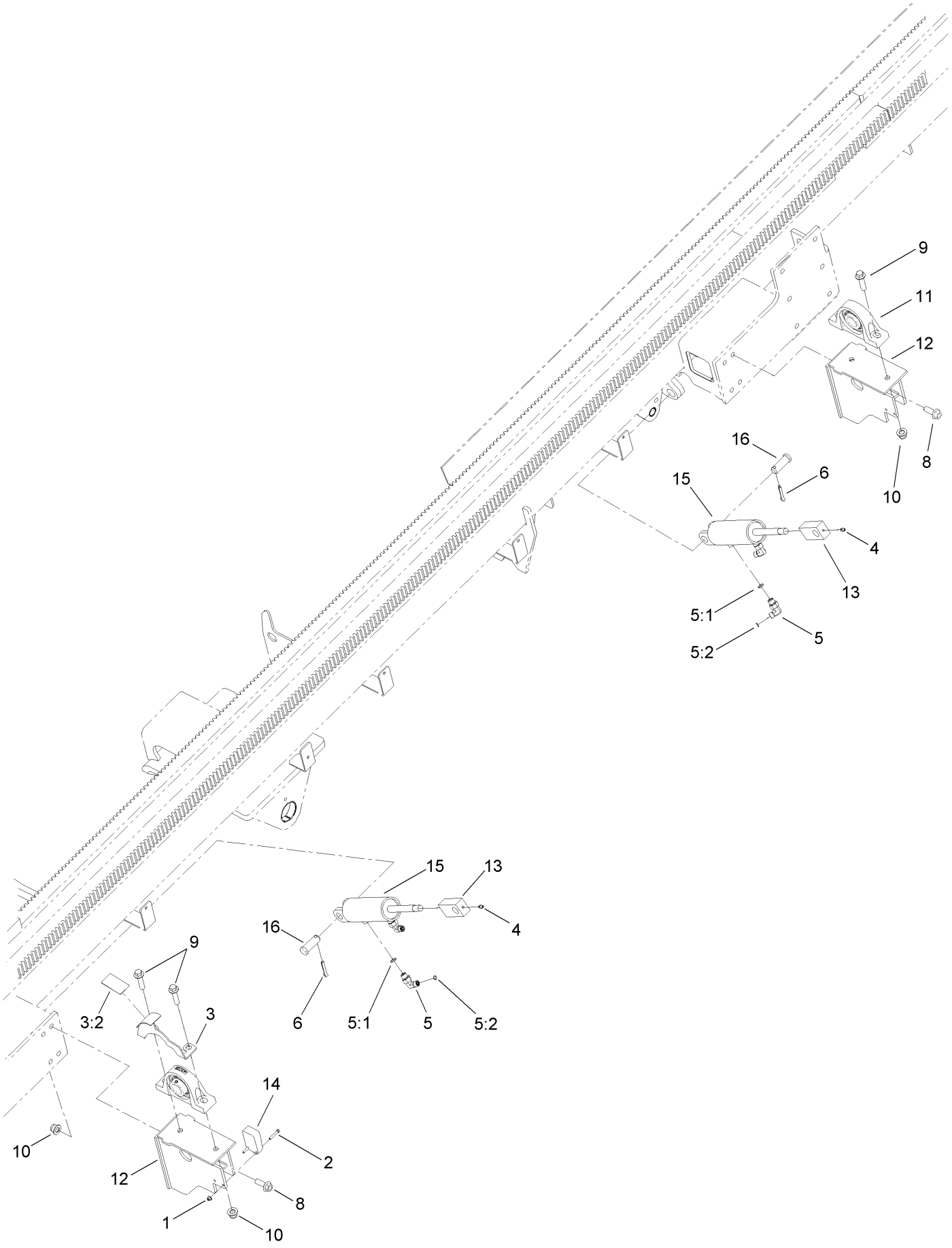
Rod Elevator and Cylinder Assembly



Rod Elevator and Cylinder Assembly (continued)

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

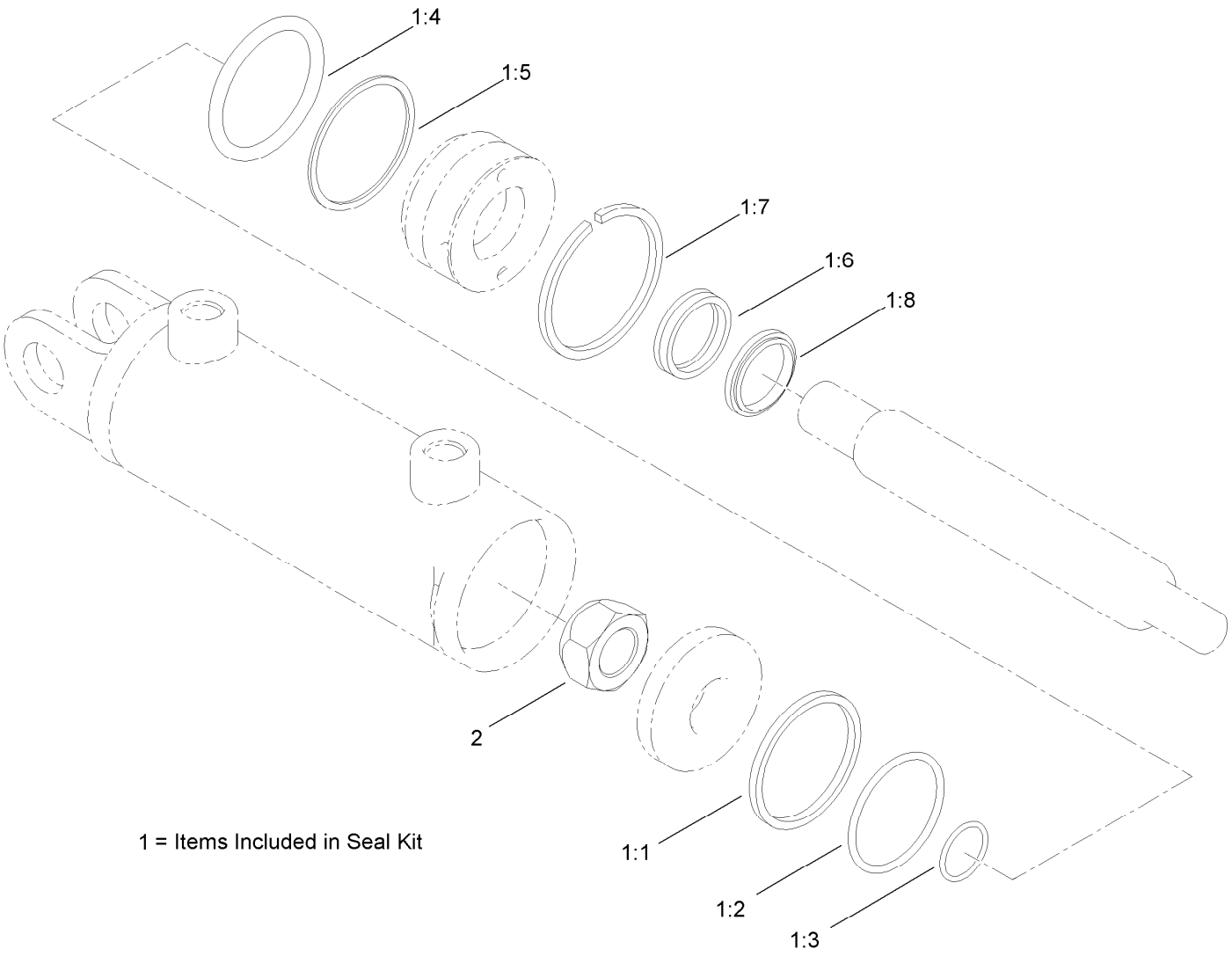
Rod Box Bearing and Cylinder Assembly



Rod Box Bearing and Cylinder Assembly (continued)

Ref.	Part Number	Qty.	Description
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
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



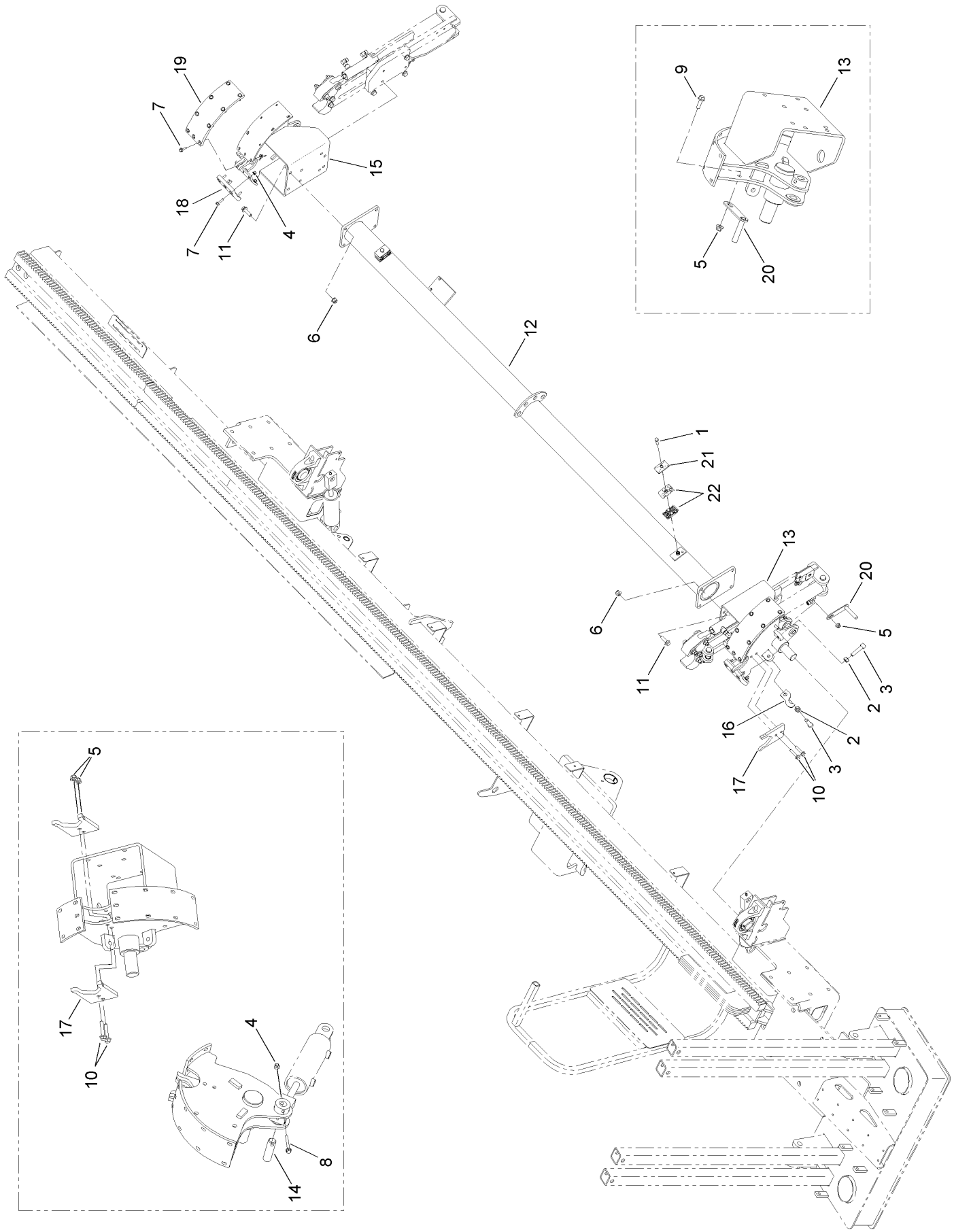
1 = Items Included in Seal Kit

Hydraulic Cylinder Assembly No. AU8HC20005 (continued)

Ref.	Part Number	Qty.	Description
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 ●
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

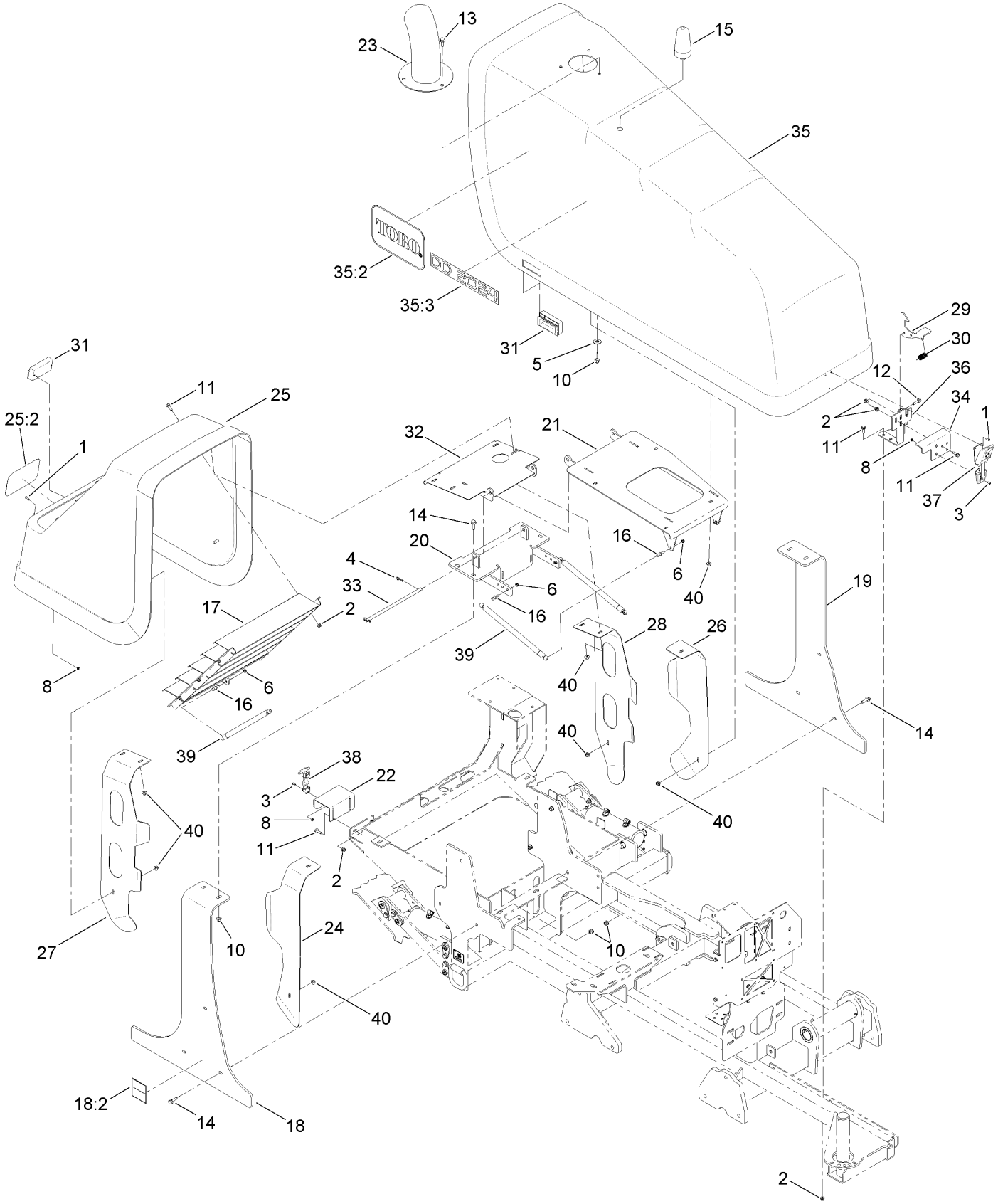
Rod Cam Assembly



Rod Cam Assembly (continued)

Ref.	Part Number	Qty.	Description
1	322-47	4	Screw-HH
2	AU829-1412	4	Nut
3	AU864-12050	4	Screw-HSFH
4	81-0130	30	Nut-Flange, NI
5	104-3082	6	Nut-Lock, HHF
6	103-9511	2	Nut-Lock, NI
7	33103-025	28	Screw-HHF
8	33103-050	2	Screw-HHF
9	33104-025	2	Screw-HHF
10	33104-040	4	Screw-HHF
11	33105-035	2	Screw-HHF
12	AU109516-03	1	Spine-Rod Loader
13	AU109517-03	1	Cam
14	AU109680	2	Pin-Straight
15	AU110318-03	1	Cam
16	AU111660	1	Plate-Pointer
17	AU111864-03	4	Plate-Pipe Guide
18	AU114756	2	Pad-Wear, Rod Loader
19	AU114757	2	Pad-Wear, Rod Loader
20	AU12GB7339	1	Flag-Sensor
21	AU8CL21201	4	Plate-Cover, Twin
22	AU8CL21704	4	Clamp-Half (Set Of 2)

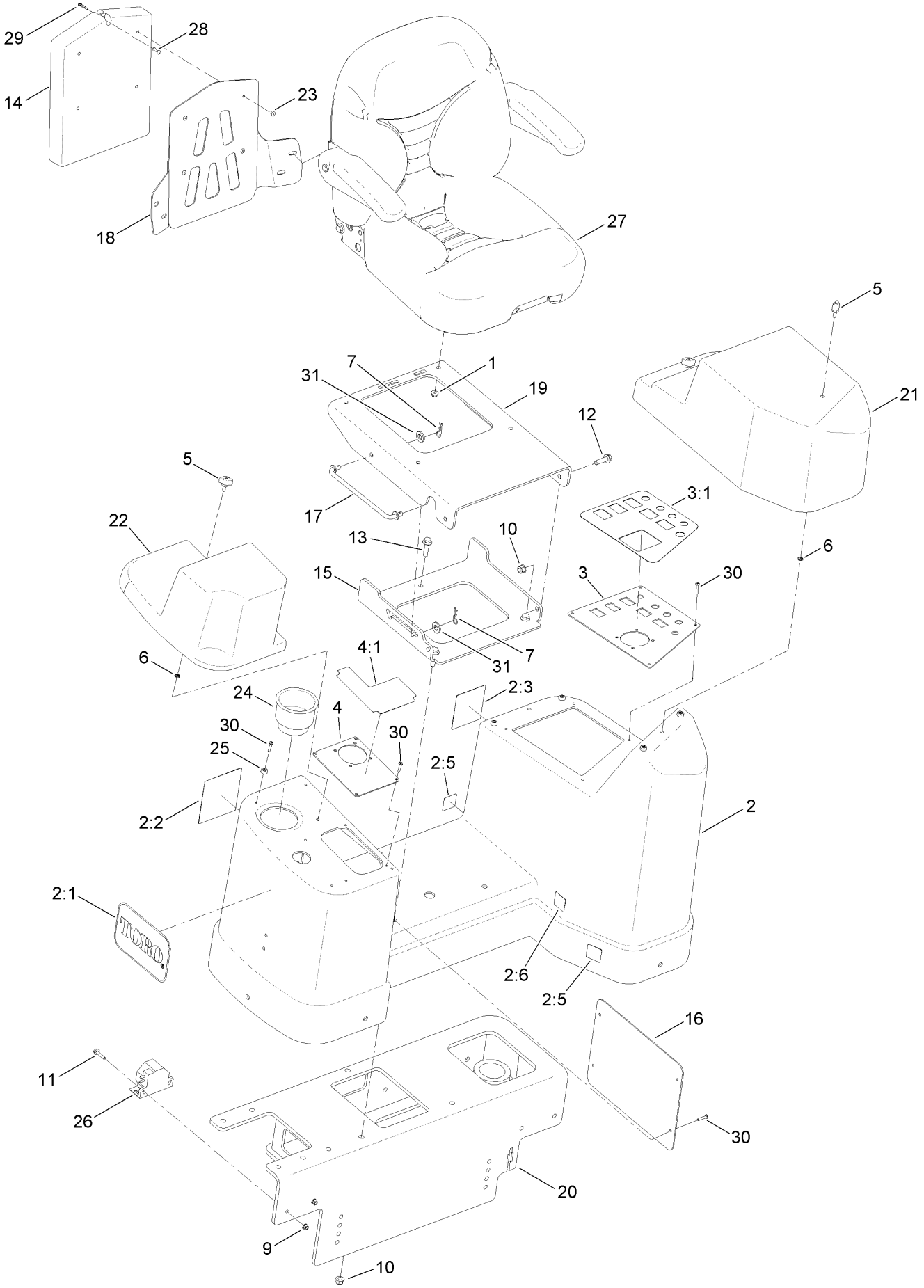
Hood Assembly



Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-2408	5	Screw-HSBH
2	104-3082	14	Nut-Lock, HHF
3	115-9830	4	Screw-HSBH
4	3290-467	2	Pin-Hair
5	AU495-81163	3	Washer-Flat
6	3296-47	5	Nut-Lock, NI
8	32149-7	9	Nut-Keps
10	103-9511	13	Nut-Lock, NI
11	33104-025	13	Screw-HHF
12	33104-035	1	Screw-HHF
13	33105-030	3	Screw-HHF
14	33105-035	10	Screw-HHF
15	125-4528	1	Light-Strobe
16	AU8HH96100	5	Stud-Ball, .75In
17	AU108370-03	1	Louver
18	127-0920	1	Hood Mount ASM
18:2	125-6107	1	Decal-Warning, Crushing
19	AU108377-03	1	Plate-Mount, Hood
20	AU109125-03	1	Support-Shroud
21	AU109340-03	1	Mount-Front, Hood
22	AU109344-03	1	Plate-Rear, Hood Stop
23	AU110186-03	1	Exhaust-Stack
24	AU110187-03	1	Plate-Guide
25	130-4493	1	Rear Hood ASM
25:2	62-7400	1	Decal
26	AU110280-03	1	Plate-Guide
27	AU110289-03	1	Plate-Guide
28	AU110290-03	1	Plate-Guide
29	AU111869-03	1	Hook-Hood, Safety Latch
30	AU112966	1	Spring-Tension
31	AU121497	2	Handle-Pull, Flush
32	AU121540-03	1	Hinge-Rear, Hood
33	AU12GB2324	1	Rod-Hinge, Hood
34	AU130505-03	1	Stop-Front, Hood
35	127-0993	1	Front Hood ASM
35:2	114-0990	1	Decal
35:3	125-6132	1	Decal
36	AU130543-03	1	Latch-Safety, Hood
37	AU130765	1	Latch-Draw, Lockable
38	ST35289	1	Latch-Flex, Draw
39	AU32GB5110	3	Spring-Gas
40	104-8301	12	Nut-Flange, NI

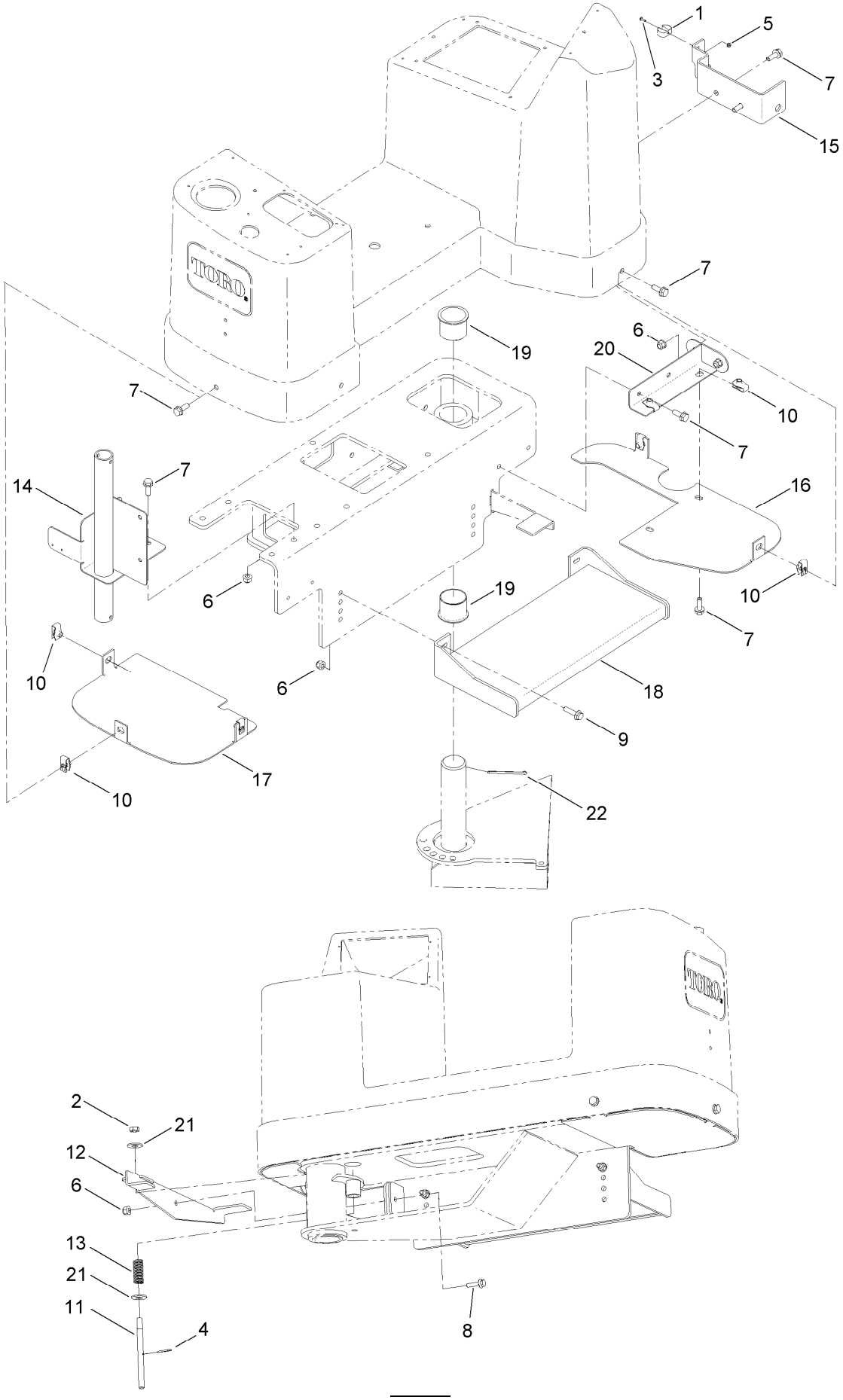
Operator Platform Assembly



Operator Platform Assembly (continued)

Ref.	Part Number	Qty.	Description
1	104-8300	4	Nut-Flange, NI
2	127-0900	1	Operator Console ASM
2:1	62-7400	1	Decal
2:2	125-6109	1	Decal-Danger, Shock
2:3	125-6116	1	Decal-Danger, No Riders (Front)
2:5	125-6140	2	Decal-Seat Adjust
2:6	125-6152	1	Decal-Seat Slide
3	127-0901	1	Switch Plate ASM
3:1	125-6112	1	Decal-Joystick, Left
4	127-0902	1	Joystick Mounting Plate ASM
4:1	125-6125	1	Decal-Joystick, Right
5	98-8332	3	Knob
6	104-8310	3	Ring-Retaining
7	3290-467	2	Pin-Hair
9	81-0130	2	Nut-Flange, NI
10	103-9511	5	Nut-Lock, NI
11	33103-030	2	Screw-HHF
12	33105-035	2	Screw-HHF
13	33105-040	3	Screw-HHF
14	AU103216	1	Holder-Manual
15	AU108632-03	1	Plate-Seat Mount, Bottom
16	AU108634-03	1	Plate-Seat, Inside Panel
17	AU109357	1	Rod-Prop, Seat
18	AU111717-03	1	Plate-Mount, Manual
19	AU117641-03	1	Plate-Seat Mount, Top
20	AU125016-03	1	Console-Operators
21	130-4494	1	Cover-Console, LH
22	130-4495	1	Cover-Console, RH
23	114439	4	Rivet-Pop
24	AU8EO24121	1	Cup-Holder
25	AU8EO24122	8	Grommet-Rubber
26	AU8EP29105	1	Alarm-Backup
27	AU8EP47010	1	Operator Seat ASM (Static)
28	AUR46463	1	Post-Manual
29	AUR46465	1	Lanyard
30	ST80070	20	Screw-PPH
31	AU496-21053	2	Washer-Flat (Hardened)

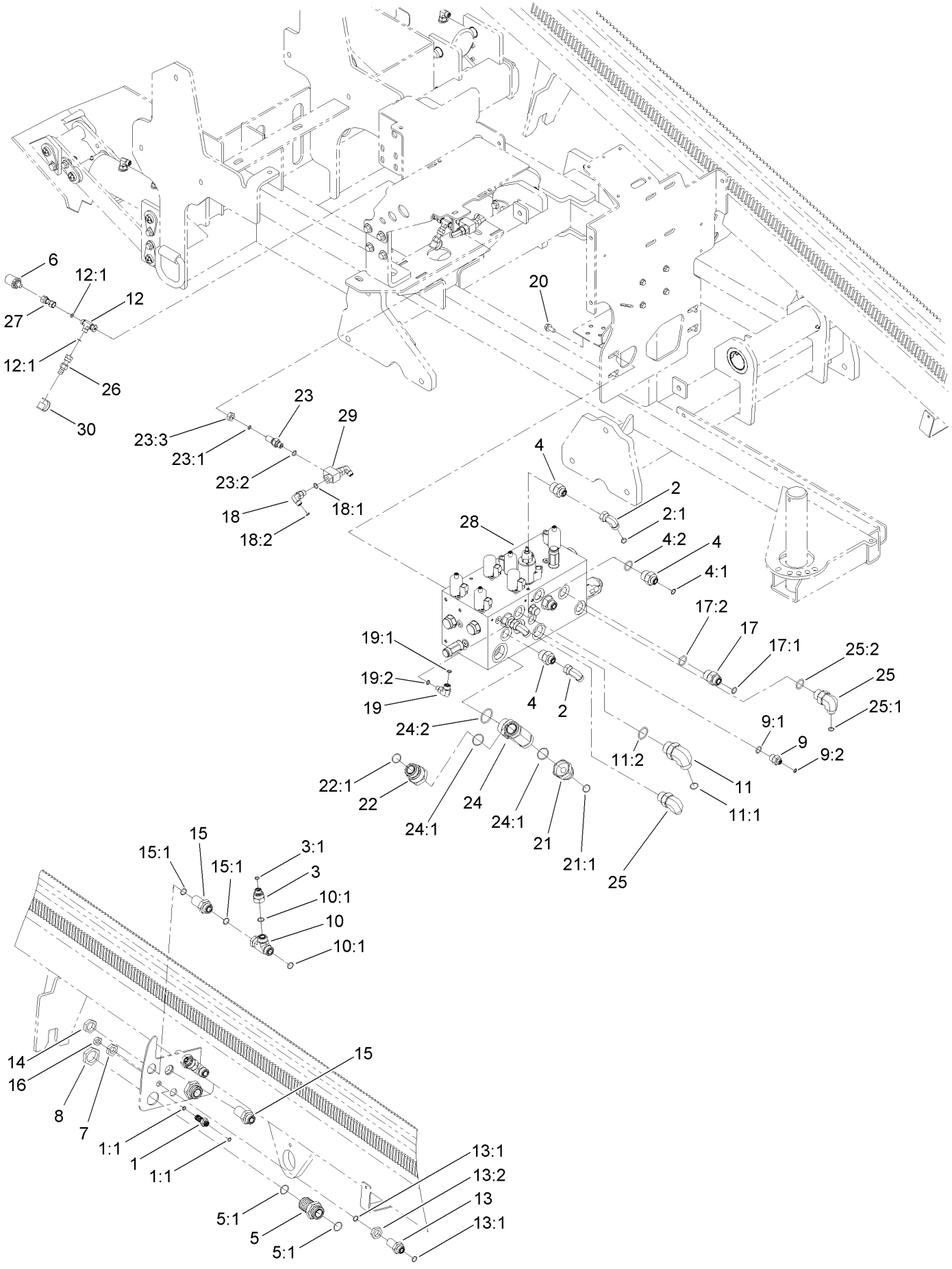
Platform Step, Splash Guard and Umbrella Mount Assembly



Platform Step, Splash Guard and Umbrella Mount Assembly (continued)

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

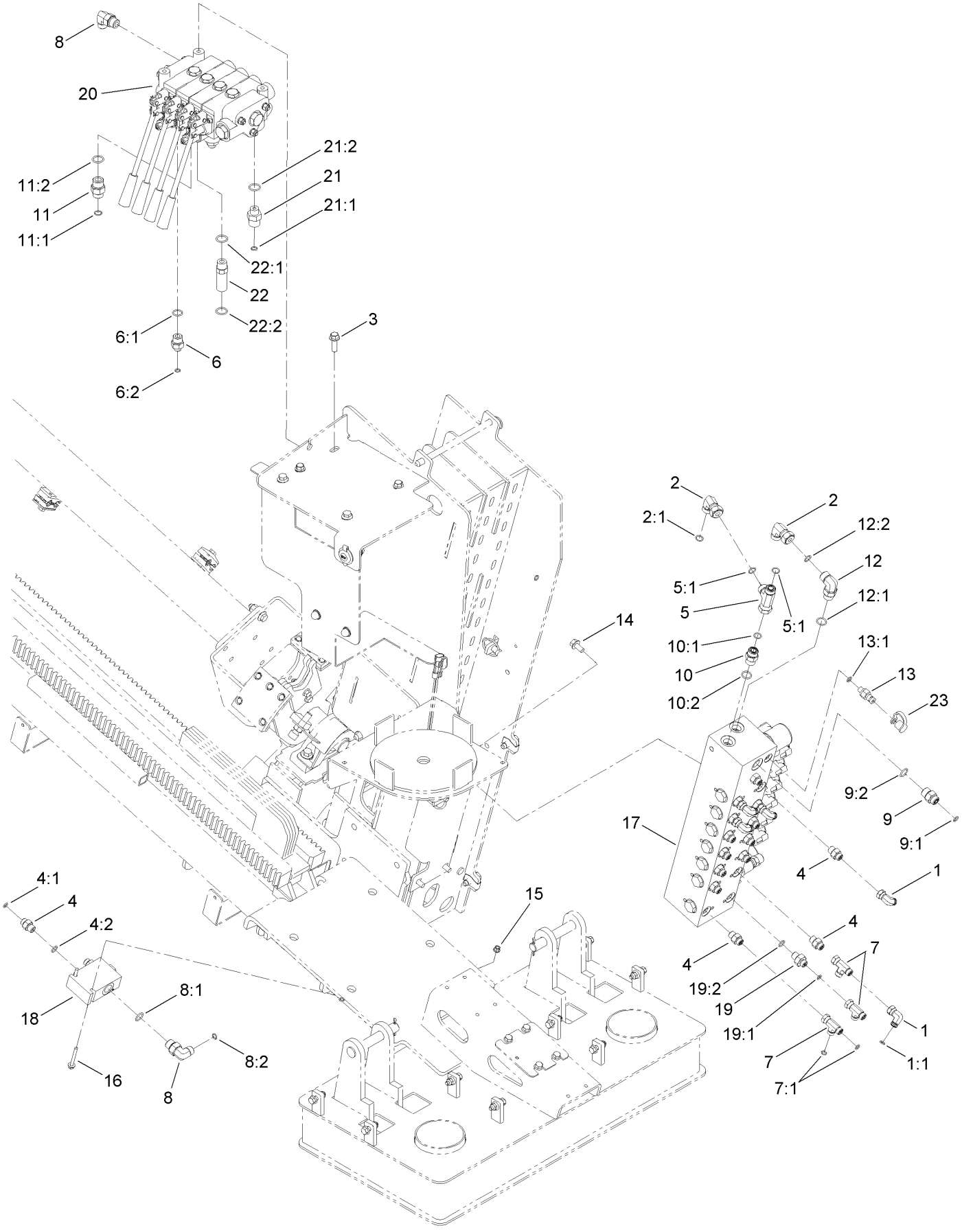
4 Section Hydraulic Valve and Fitting Assembly



4 Section Hydraulic Valve and Fitting Assembly (continued)

Ref.	Part Number	Qty.	Description
1	94-1444	1	Union-Bulkhead
1:1	237-21	2	O-Ring
2	94-6031	3	Fitting-HYD
2:1	237-30	1	O-Ring
3	98-7067	2	Fitting-HYD
3:1	237-22	1	O-Ring
4	100-4240	4	Fitting-Adapter
4:1	237-30	1	O-Ring
4:2	237-81	1	O-Ring
5	106-0060	2	Adapter-HYD
5:1	340-65	2	O-Ring
6	125-6579	2	Transducer-6000Psi
7	340-127	1	Nut-Bulkhead
8	340-128	2	Nut-Bulkhead
9	340-133	1	Adapter ASM
9:1	237-79	1	O-Ring
9:2	237-21	1	O-Ring
10	340-147	2	Fitting-HYD, Tee
10:1	237-65	2	O-Ring
11	340-15	1	Fitting-HYD, 90 DEG
11:1	237-58	1	O-Ring
11:2	237-146	1	O-Ring
12	340-151	2	Fitting-HYD
12:1	237-75	2	O-Ring
13	340-161	1	Fitting-Bulkhead
13:1	237-30	2	O-Ring
13:2	340-127	1	Nut-Bulkhead
14	340-74	3	Nut-Lock, Bulkhead
15	340-76	3	Fitting-Bulkhead Union, Straight
15:1	237-65	2	O-Ring
16	340-78	1	Nut-Lock
17	340-8	2	Adapter
17:1	237-65	1	O-Ring
17:2	237-81	1	O-Ring
18	340-82	4	Adapter ASM
18:1	237-42	1	O-Ring
18:2	237-21	1	O-Ring
19	340-97	1	Fitting-HYD, 90 DEG
19:1	237-22	1	O-Ring
19:2	237-78	1	O-Ring
20	3234-1	4	Screw-HHF
21	125-4533	1	Fitting-Straight
21:1	237-58	1	O-Ring
22	AU8OA82016	1	Fitting-Reducer
22:1	340-65	1	O-Ring
23	AU8OAA0406	2	Fitting-Straight
23:1	237-21	1	O-Ring
23:2	237-42	1	O-Ring
23:3	340-78	1	Nut-Lock
24	AU8OB32020	1	Fitting-Tee
24:1	340-64	2	O-Ring
24:2	237-101	1	O-Ring
25	340-131	2	Fitting-HYD, 90 DEG
25:1	237-30	1	O-Ring
25:2	237-81	1	O-Ring
26	115-8886	2	Nipple-Test
27	AU8SA60404	2	Fitting-Straight
28	AU114175	1	4 Section HYD Valve ASM
29	AU270083	2	Valve-Shuttle, Load
30	354-79	2	Cap-Dust

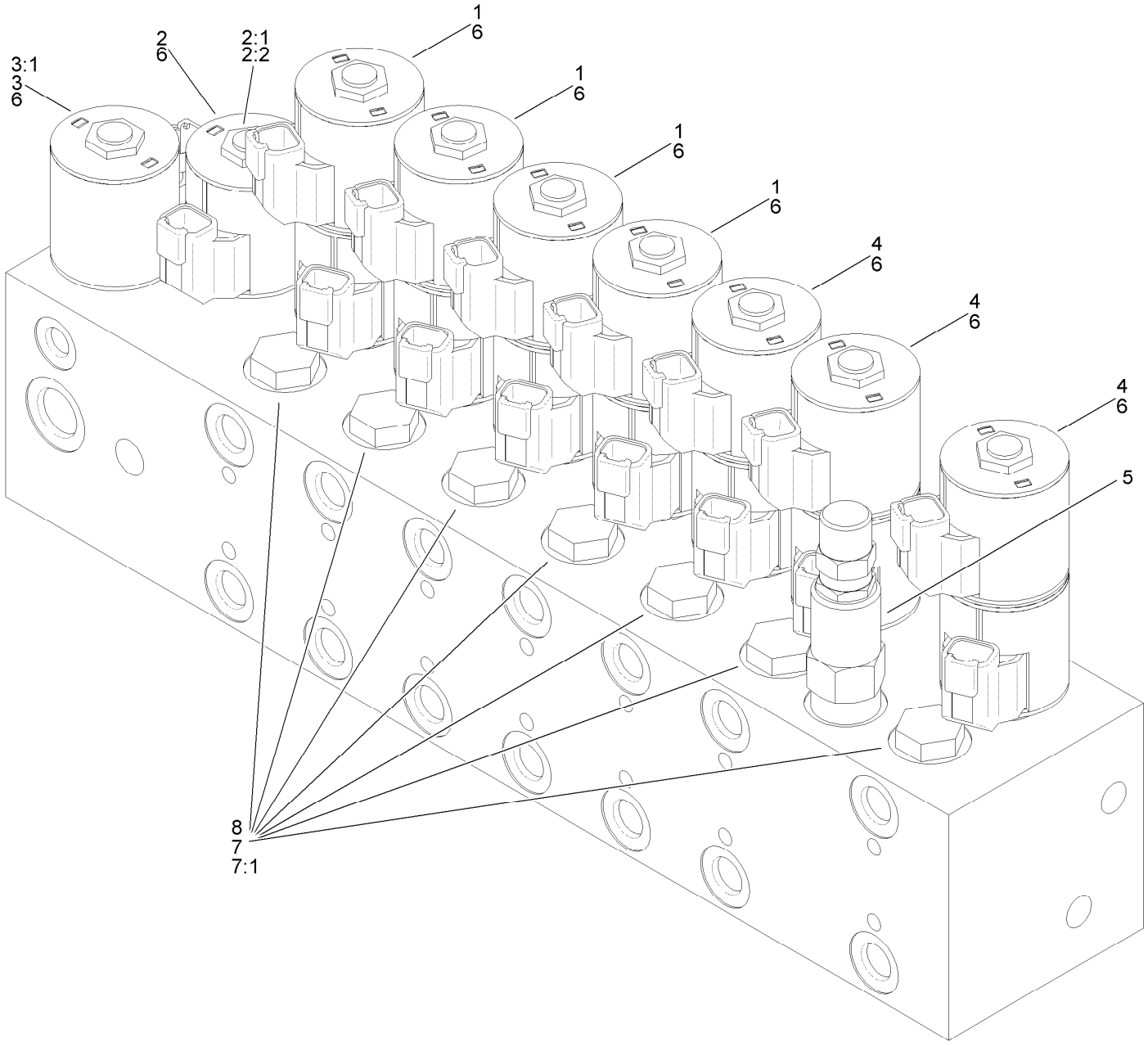
9 Section and 4 Spool Valve Assembly



9 Section and 4 Spool Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
1	92-2745	5	Fitting-Adaptor
1:1	237-21	1	O-Ring
2	94-6031	2	Fitting-HYD
2:1	237-30	1	O-Ring
3	119-4061	3	Screw-HHF
4	340-1	16	Fitting-HYD, Straight
4:1	237-21	1	O-Ring
4:2	237-42	1	O-Ring
5	340-104	1	Fitting-HYD, Tee
5:1	237-30	2	O-Ring
6	340-133	7	Adapter ASM
6:1	237-79	1	O-Ring
6:2	237-21	1	O-Ring
7	340-151	3	Fitting-HYD
7:1	237-75	2	O-Ring
8	340-18	2	Fitting-HYD, 90 DEG
8:1	237-79	1	O-Ring
8:2	237-22	1	O-Ring
9	340-3	1	Adapter
9:1	237-22	1	O-Ring
9:2	237-79	1	O-Ring
10	340-4	1	Fitting-HYD, Straight
10:1	237-30	1	O-Ring
10:2	237-79	1	O-Ring
11	340-6	1	Fitting-HYD, Straight
11:1	237-30	1	O-Ring
11:2	237-80	1	O-Ring
12	340-98	1	Fitting-HYD, 90 DEG
12:1	237-79	1	O-Ring
12:2	237-30	1	O-Ring
13	354-77	1	Fitting-Quick
13:1	237-78	1	O-Ring
14	3234-1	4	Screw-HHF
15	81-0130	2	Nut-Flange, NI
16	33103-050	2	Screw-HHF
17	AU111494	1	9 Section HYD Valve ASM
18	AU112323	1	HYD Flow Divider Valve ASM
19	AU112767	1	Fitting-Straight
19:1	237-21	1	O-Ring
19:2	237-42	1	O-Ring
20	AU8HV80159	1	4 Spool HYD Valve ASM
21	340-141	1	Fitting-HYD, Straight
21:1	237-22	1	O-Ring
21:2	237-80	1	O-Ring
22	94-2628	1	Adapter-HYD
22:1	237-79	1	O-Ring
22:2	237-30	1	O-Ring
23	354-79	1	Cap-Dust

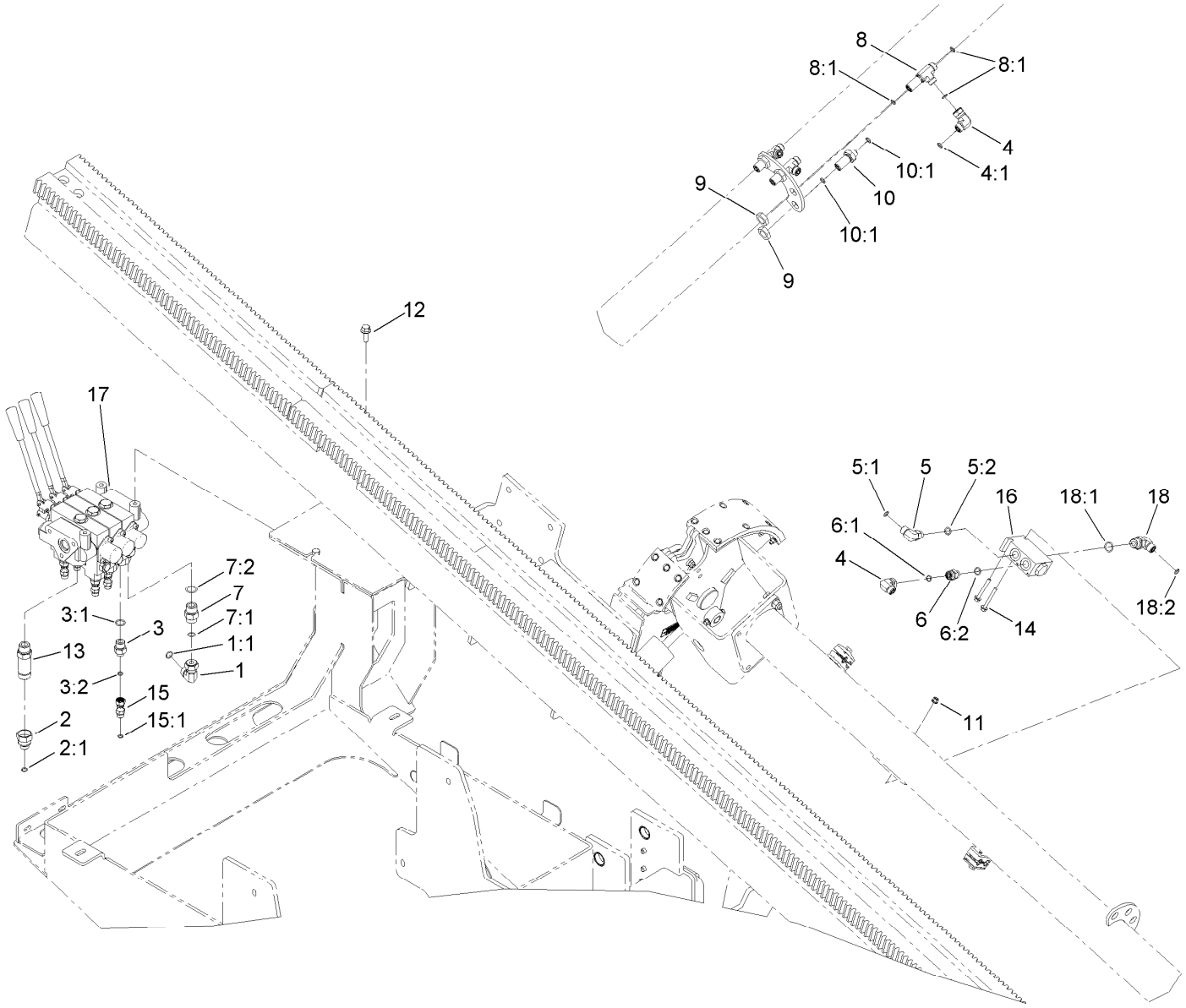
9 Section Hydraulic Valve Assembly No. AU111494



9 Section Hydraulic Valve Assembly No. AU111494 (continued)

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

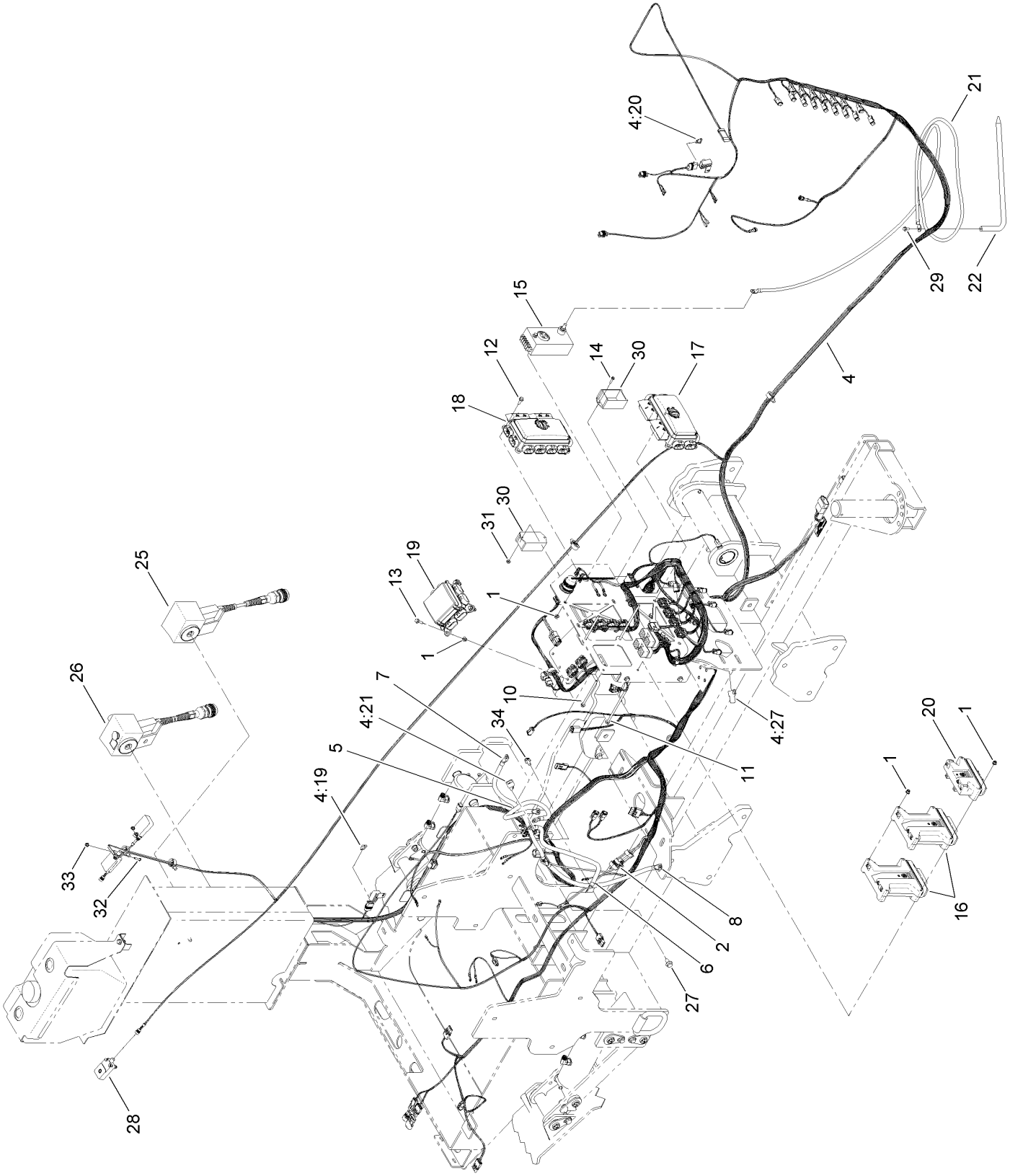


3 Spool Hydraulic Valve and Fitting Assembly (continued)

Ref.	Part Number	Qty.	Description
1	94-6031	1	Fitting-HYD
1:1	237-30	1	O-Ring
2	98-7067	1	Fitting-HYD
2:1	237-22	1	O-Ring
3	340-133	6	Adapter ASM
3:1	237-79	1	O-Ring
3:2	237-21	1	O-Ring
4	340-159	2	Fitting-HYD, 90 DEG
4:1	237-22	2	O-Ring
5	340-77	1	Fitting-HYD, 90 DEG
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-2	1	Fitting-HYD, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-6	1	Fitting-HYD, Straight
7:1	237-30	1	O-Ring
7:2	237-80	1	O-Ring
8	340-68	3	Fitting-Tee, Bulkhead
8:1	237-22	3	O-Ring
9	340-70	4	Nut-Lock
10	340-71	1	Fitting-Straight, Bulkhead
10:1	237-22	2	O-Ring
11	81-0130	2	Nut-Flange, NI
12	3234-11	3	Screw-HHF
13	AU8OA41010	1	Connector
14	33103-050	2	Screw-HHF
15	AU111506	6	Fitting-Straight
15:1	237-21	1	O-Ring
16	AU112323	1	HYD Flow Divider Valve ASM
17	AU8HV80153	1	3 Spool HYD Valve ASM
17:1	AU8HV80153-1	1	Svl Replacement Seal Kit ●
17:2	AU8HV80010-12	1	Seal Kit (O-Ring Inlet Section) ●
17:3	AU8HV80010-13	1	Seal Kit (O-Ring Outlet Section) ●
18	340-18	1	Fitting-HYD, 90 DEG
18:1	237-79	1	O-Ring
18:2	237-22	1	O-Ring

● Not illustrated

Electrical Assembly

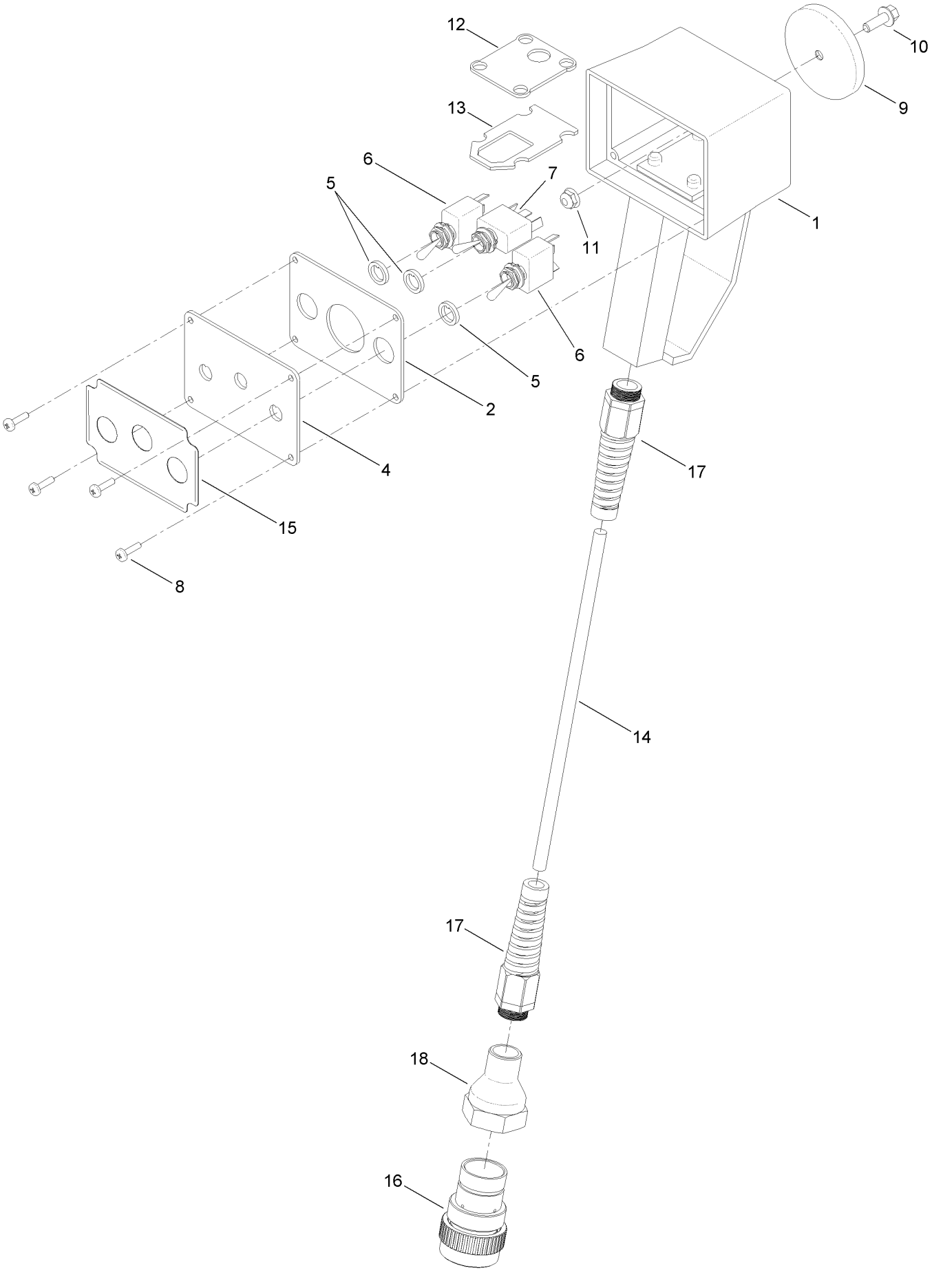


Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	81-0130	16	Nut-Flange, NI
2	99-3441	1	Harness-Wire, Fusible Link
4	121-6586	1	Harness-Wire, Main
4:19	109355	1	Fuse-Blade, 15 Amp
4:20	110928	1	Fuse-Blade, 5 Amp
4:21	100-4918	1	Diode-Over Molded
4:27	32180-043	3	Resistor-120 Ohm
5	122-0080	1	Cable-Battery, Positive
6	122-0081	1	Cable-Battery, Positive
7	122-0082	1	Cable-Battery, Negative
8	122-0083	1	Cable-Battery, Negative
10	125-4526	2	Screw-HHF
11	125-4527	2	Screw-HHF
12	33103-020	8	Screw-HHF
13	33103-025	4	Screw-HHF
14	106-9169	2	Screw-HWH
15	AU8EE27103	1	Relay
16	AU103217	2	Controller-Micro, 50-Pin
17	AU113667	1	Box-Vec, Main (A)
18	AU113668	1	Box-Vec, Main (B)
19	AU113669	1	Box-Vec, Main (C)
20	AU117892	1	Computer-Expander, Output
21	AU124406	1	Cable-Alert, Strike
22	AU109224	1	Bar-Stake, Ground
25	125-1627	1	Life Jacket ASM
26	125-1629	1	Travel Pendant ASM
27	33105-020	1	Screw-HHF
28	AU8EP65159	3	Switch-Proximity
29	114-8414	1	Screw-HHF
30	AU115133	2	Connector-Pack, Resistor
31	32128-17	2	Nut-Lock, Flange
32	127-0952	6	Screw-HSH
33	120-4580	6	Nut-HF
34	32180-031	1	Clip-Tree (W/Tie)
99	AU8EE27104	1	Tester-Zapalert ●

● Not illustrated

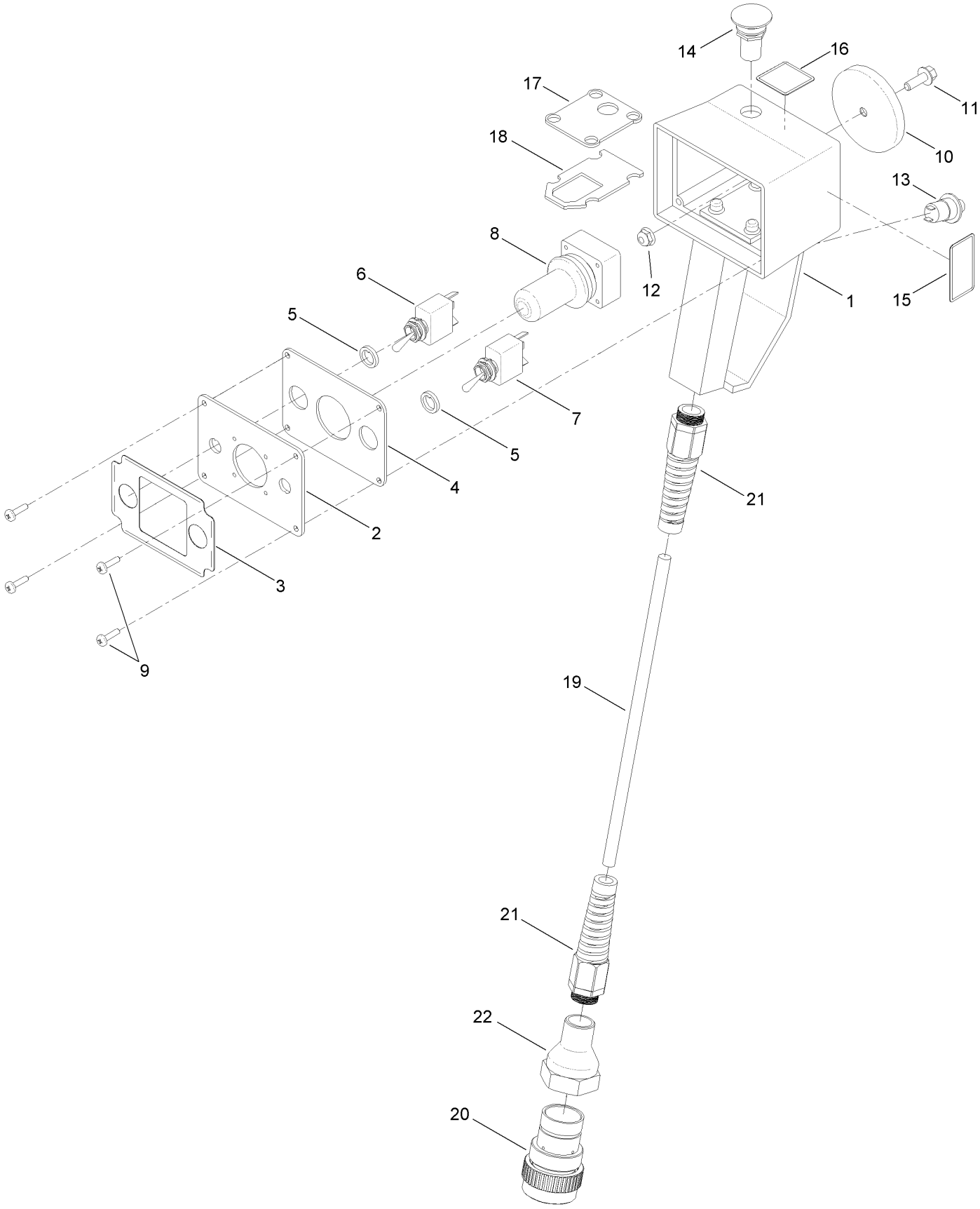
Life Jacket Assembly No. 125-1627



Life Jacket Assembly No. 125-1627 (continued)

Ref.	Part Number	Qty.	Description
1	125-1613	1	Enclosure-Handheld
2	125-1643	1	Gasket-Enclosure
4	125-1644	1	Plate-Life Jacket
5	125-1619	3	Seal-Switch
6	125-1615	2	Switch
7	125-1620	1	Switch
8	125-1630	4	Screw-PPH
9	T0002-8729	1	Magnet-Ceramic, Encased
10	120-9678	1	Screw-HHF
11	104-7201	1	Nut-HF
12	125-1609	1	Gasket-Handle, Inner
13	125-1610	1	Gasket-Handle, Outter
14	125-1607	1	Cable-Lifejacket
15	125-1645	1	Decal-Life Jacket
16	32160-402	1	Connector-Deutsch, 14F
17	125-1632	1	Grip-Cord
18	125-1625	1	Coupler

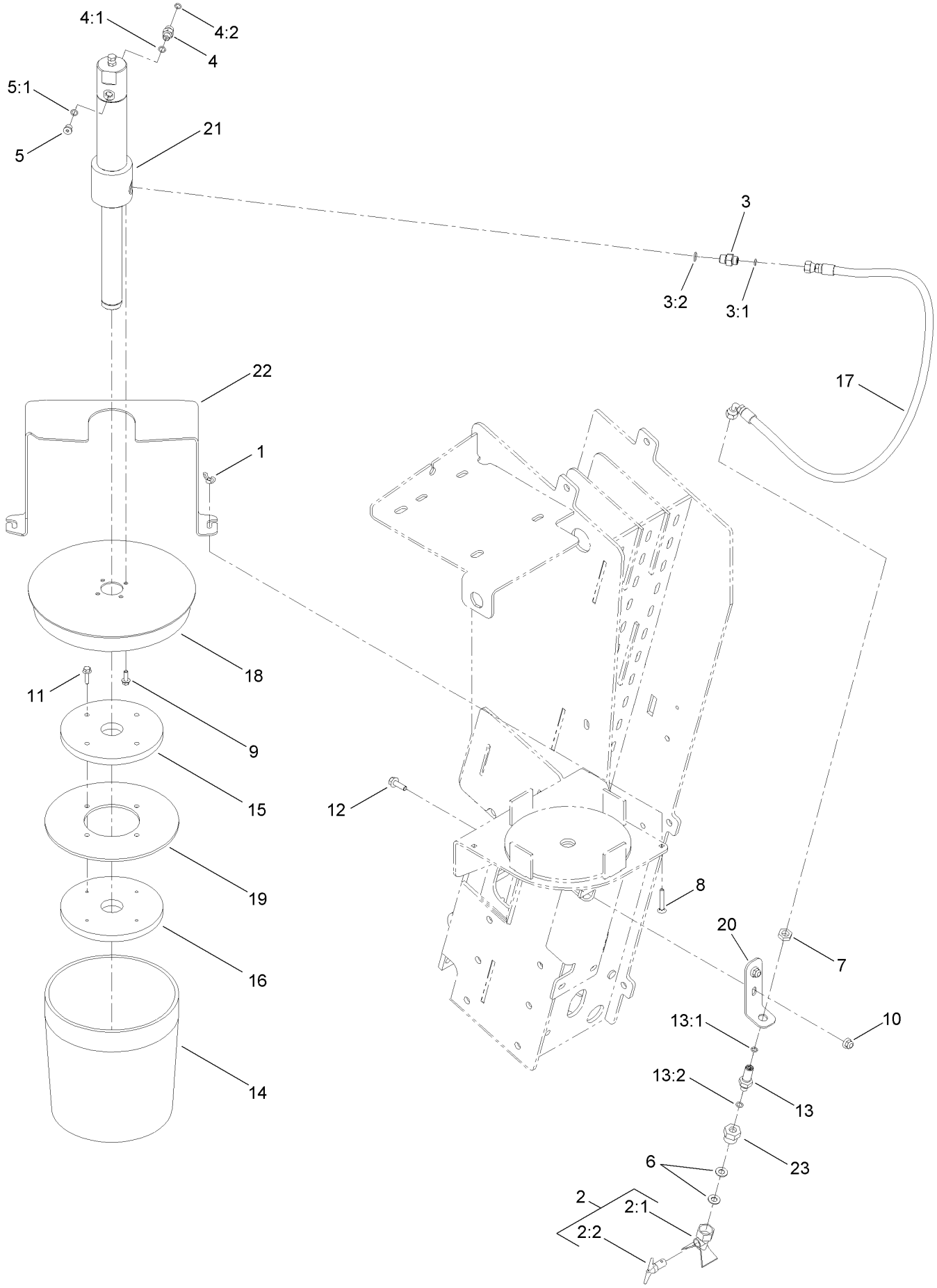
Travel Pendant Assembly No. 125-1629



Travel Pendant Assembly No. 125-1629 (continued)

Ref.	Part Number	Qty.	Description
1	125-1612	1	Enclosure-Handheld
2	125-1636	1	Plate-Joystick
3	125-1641	1	Decal-Travel Pendant
4	125-1643	1	Gasket-Enclosure
5	125-1619	2	Seal-Switch
6	125-1615	1	Switch
7	125-1611	1	Switch
8	125-1590	1	Joystick
9	125-1630	4	Screw-PPH
10	T0002-8729	1	Magnet-Ceramic, Encased
11	120-9678	1	Screw-HHF
12	104-7201	1	Nut-HF
13	125-1616	1	Switch-Momentary
14	125-1592	1	Switch-Push Button
15	125-1621	1	Decal-Operator Presence
16	125-1622	1	Decal-Emergency Stop
17	125-1609	1	Gasket-Handle, Inner
18	125-1610	1	Gasket-Handle, Outter
19	125-1606	1	Cable-Travel Pendant
20	32160-404	1	Plug-Connetor
21	125-1632	1	Grip-Cord
22	125-1625	1	Coupler

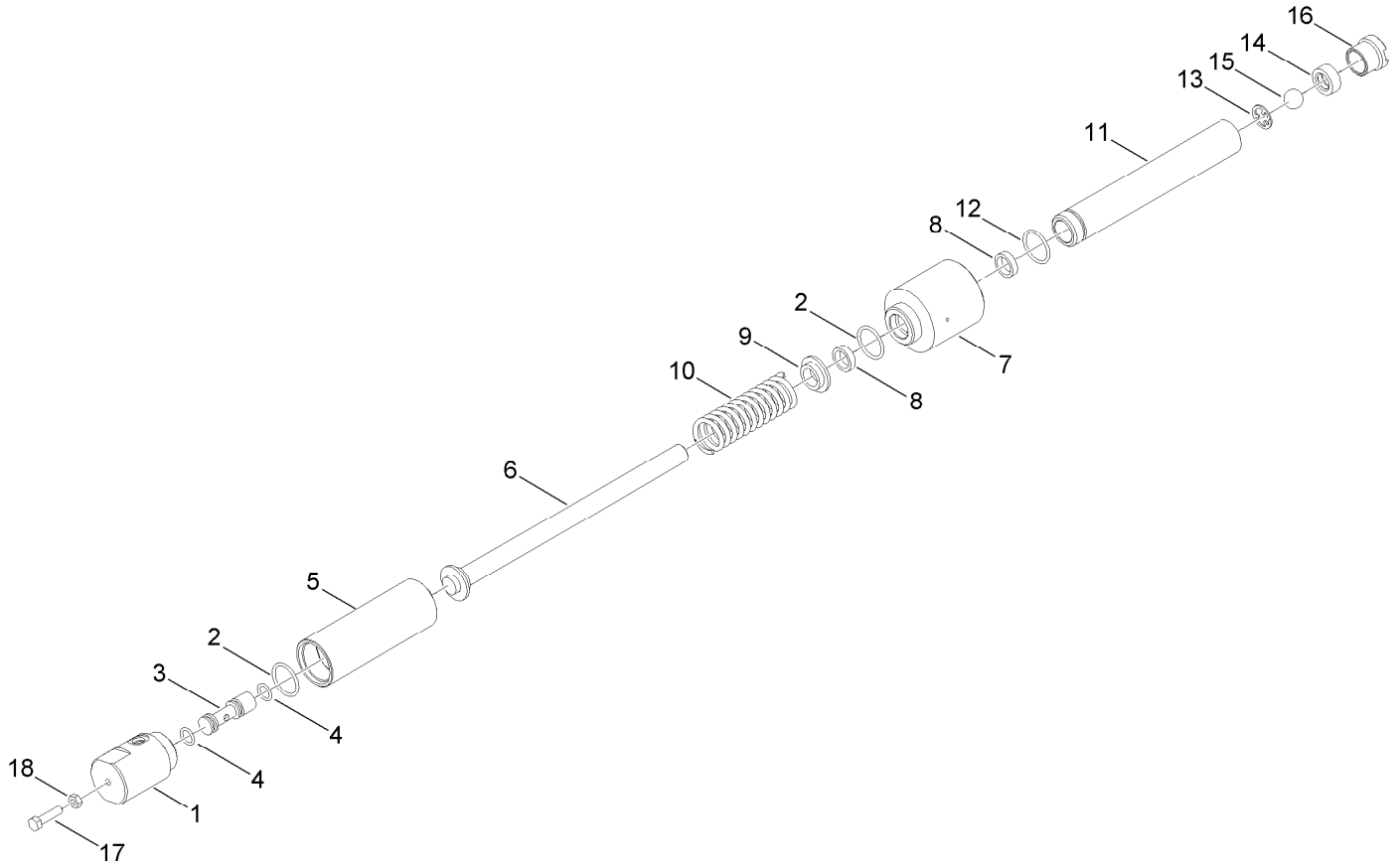
Tool Joint Lube Applicator Assembly



Tool Joint Lube Applicator Assembly (continued)

Ref.	Part Number	Qty.	Description
1	1-543792	2	Wingnut
2	125-4539	1	Spray Nozzle ASM
2:1	125-4540	1	Nozzle-Airless, Spray
2:2	125-4541	1	Orifice Insert ASM
3	340-1	1	Fitting-HYD, Straight
3:1	237-21	1	O-Ring
3:2	237-42	1	O-Ring
4	340-92	1	Fitting-HYD, Straight
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	353-990	1	Plug ASM
5:1	237-78	1	O-Ring
6	AU496-21041	2	Washer-Flat
7	340-78	1	Nut-Lock
8	3229-5	2	Screw-CARR
9	120-9678	4	Screw-HHF
10	104-3082	2	Nut-Lock, HHF
11	33103-025	4	Screw-HHF
12	33104-025	2	Screw-HHF
13	AU8OA90404	1	Fitting-Straight
13:1	237-21	1	O-Ring
13:2	237-78	1	O-Ring
14	AU01DT9904	1	Compound-Thread
15	AU108640-03	1	Plate
16	AU108641-03	1	Plate
17	AU108645	1	Hose-HYD
18	AU108790-03	1	Cover-Applicator, Lube
19	AU108814	1	Seal-Rubber, Follower
20	AU108816-03	1	Bracket-Nozzle Greaser
21	AU108837	1	HYD Grease Pump ASM
22	AU109840-03	1	Cover-Grease Tied Down
23	AU8SA31004	1	Reducer-Straight, Threaded

Grease Pump Assembly No. AU108837

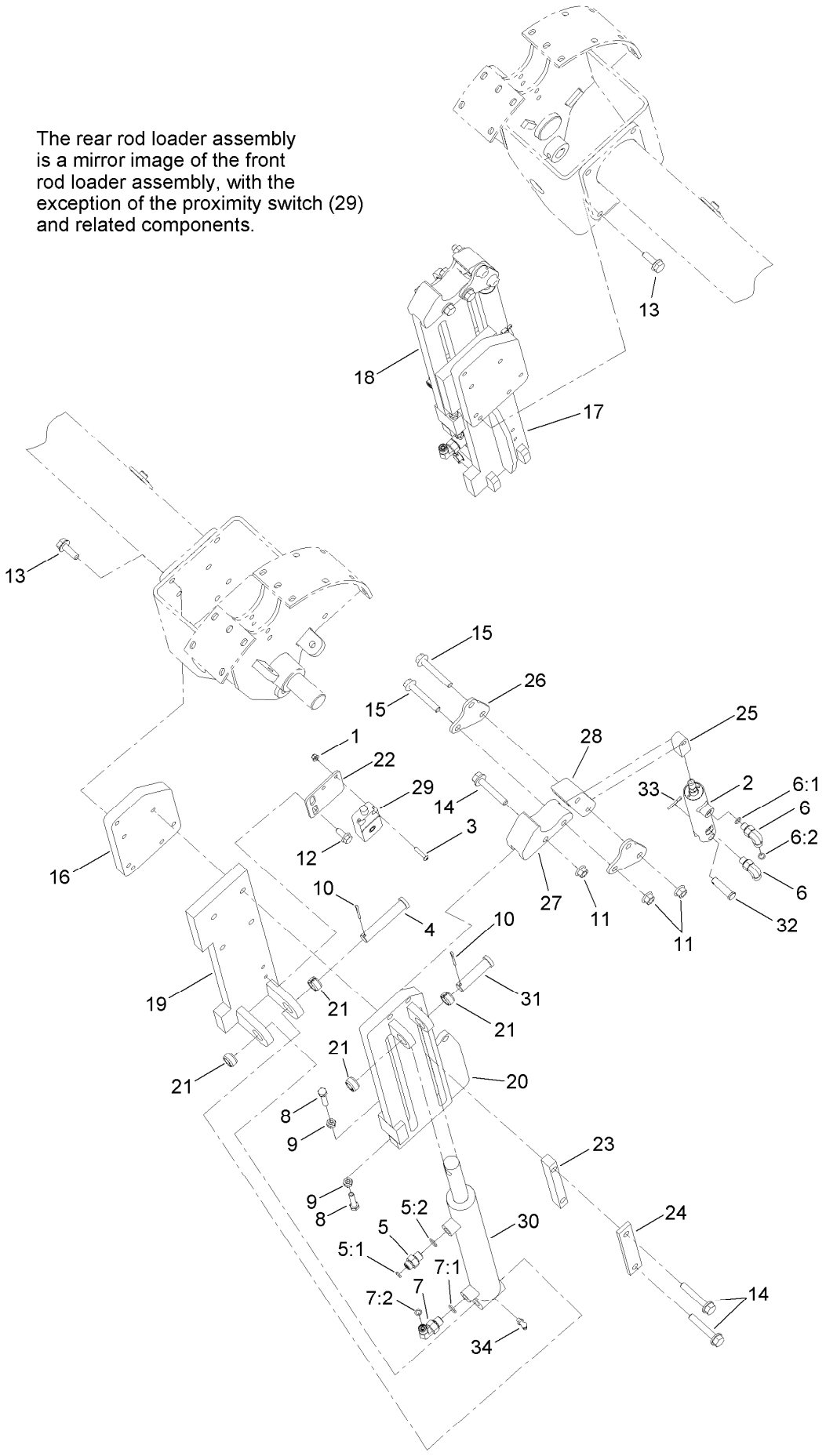


Grease Pump Assembly No. AU108837 (continued)

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

Rod Loader Assembly

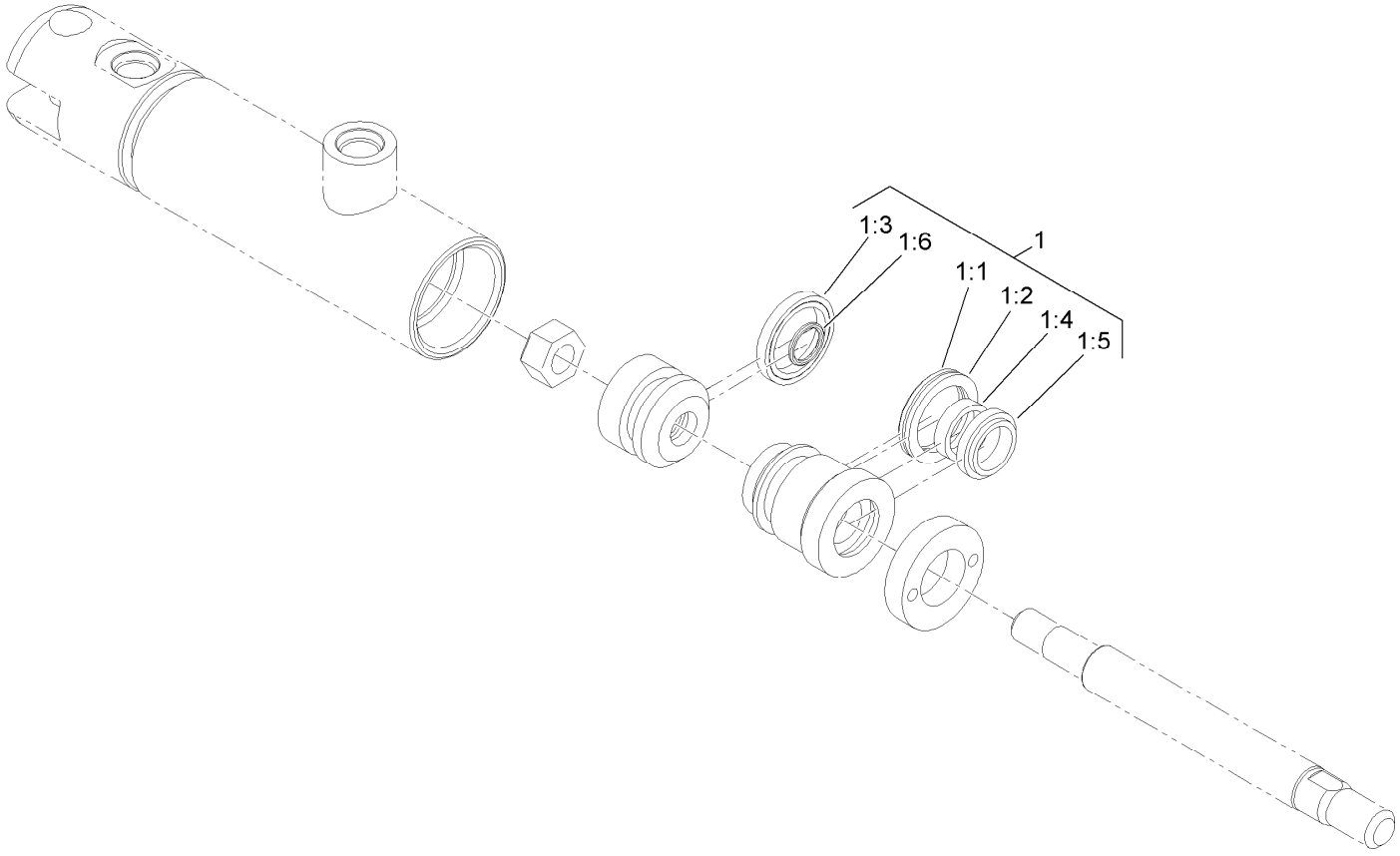
The rear rod loader assembly is a mirror image of the front rod loader assembly, with the exception of the proximity switch (29) and related components.



Rod Loader Assembly (continued)

Ref.	Part Number	Qty.	Description
1	120-4580	2	Nut-HF
2	125-4463	2	HYD Cylinder ASM
3	127-0952	2	Screw-HSH
4	283-78	2	Pin-Clevis
5	340-1	2	Fitting-HYD, Straight
5:1	237-21	1	O-Ring
5:2	237-42	1	O-Ring
6	340-132	4	Fitting-HYD, 90 DEG
6:1	237-78	1	O-Ring
6:2	237-21	1	O-Ring
7	340-82	2	Adapter ASM
7:1	237-42	1	O-Ring
7:2	237-21	1	O-Ring
8	AU827-8040	4	Screw-HH
9	33014-00	4	Nut-Hex
10	3272-12	4	Pin-Cotter
11	103-9511	8	Nut-Lock, NI
12	33104-020	2	Screw-HHF
13	33105-030	6	Screw-HHF
14	33105-060	10	Screw-HHF
15	AU100336	6	Screw-HHF
16	AU109578-03	2	Plate-Spacer
17	AU109581-03	1	Arm-Extension
18	130-4499-03	1	Rear Slider Extension As [black]
19	AU109731-03	1	Arm-Extension
20	130-4498-03	1	Front Slider Extension ASM [bla
21	AU109762	8	Bushing-Spring
22	AU12GB7334	1	Bracket-Sensor, Extension Arm
23	AU12GB7342-03	4	Guide-Extension Arm
24	AU12GB7343-03	4	Cap-Guide, Extension Arm
25	AU12GB7347	2	Rod-Eye, Cylinder
26	AU12GB7379	4	Plate-Gripper, Rotate
27	AU20GB7358	2	Insert-Gripper, Fixed
28	AU20GB7359	2	Insert-Gripper, Rotate
29	AU8EP65159	1	Switch-Proximity
30	AU8HC10008	2	HYD Cylinder ASM
31	AUH32920	2	Pin-Clevis
32	127-0889	2	Pin-Clevis
33	3272-10	2	Pin-Cotter
34	302-40	2	Fitting-Grease, 90 DEG

Hydraulic Cylinder Assembly No. 125-4463

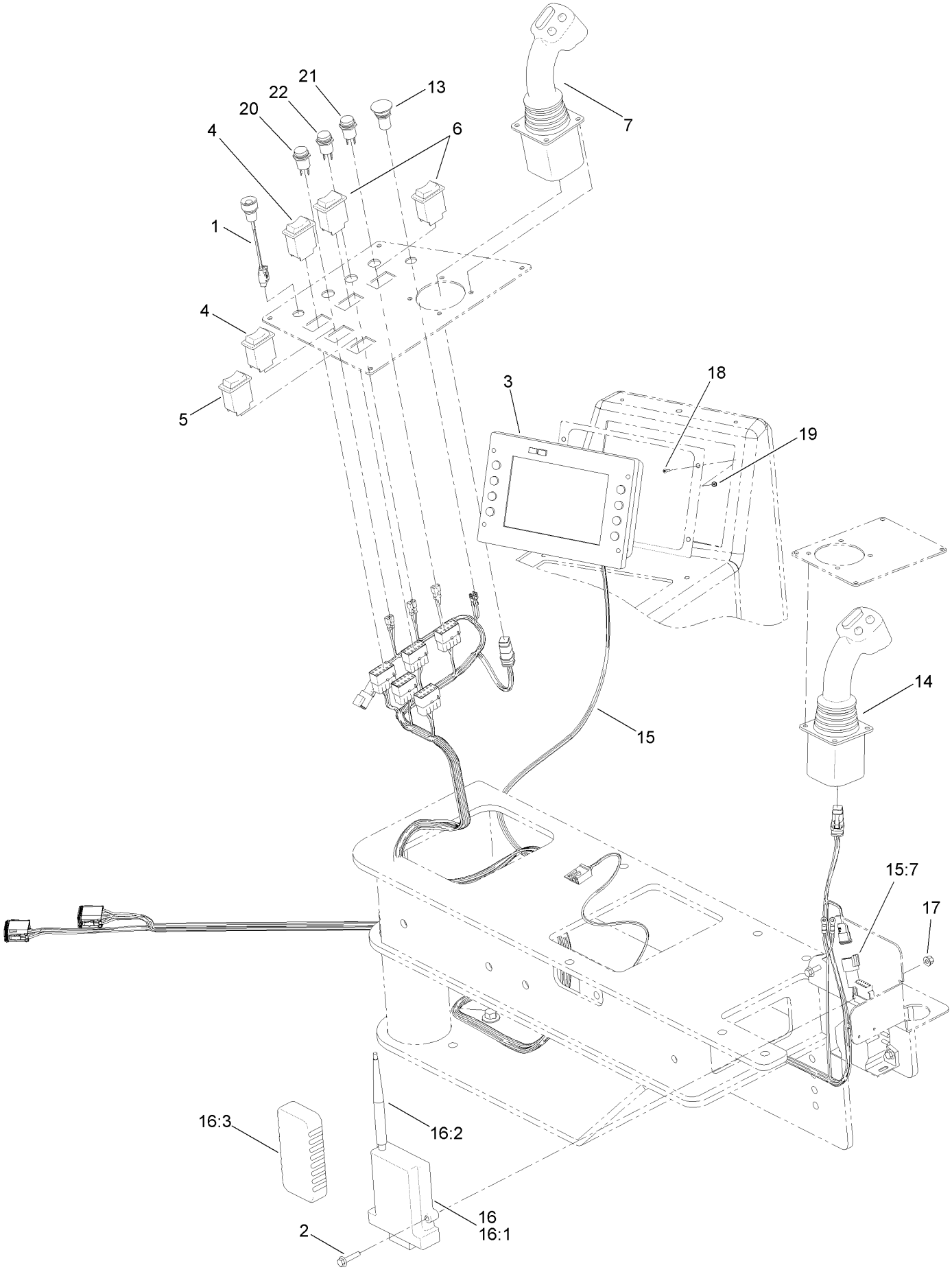


Hydraulic Cylinder Assembly No. 125-4463 (continued)

Ref.	Part Number	Qty.	Description
1	127-9688	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Backup ●
1:3		1	Seal-P S P ●
1:4		1	Seal-B S ●
1:5		1	Seal-Dust ●
1:6		1	O-Ring ●

● Not serviced separately

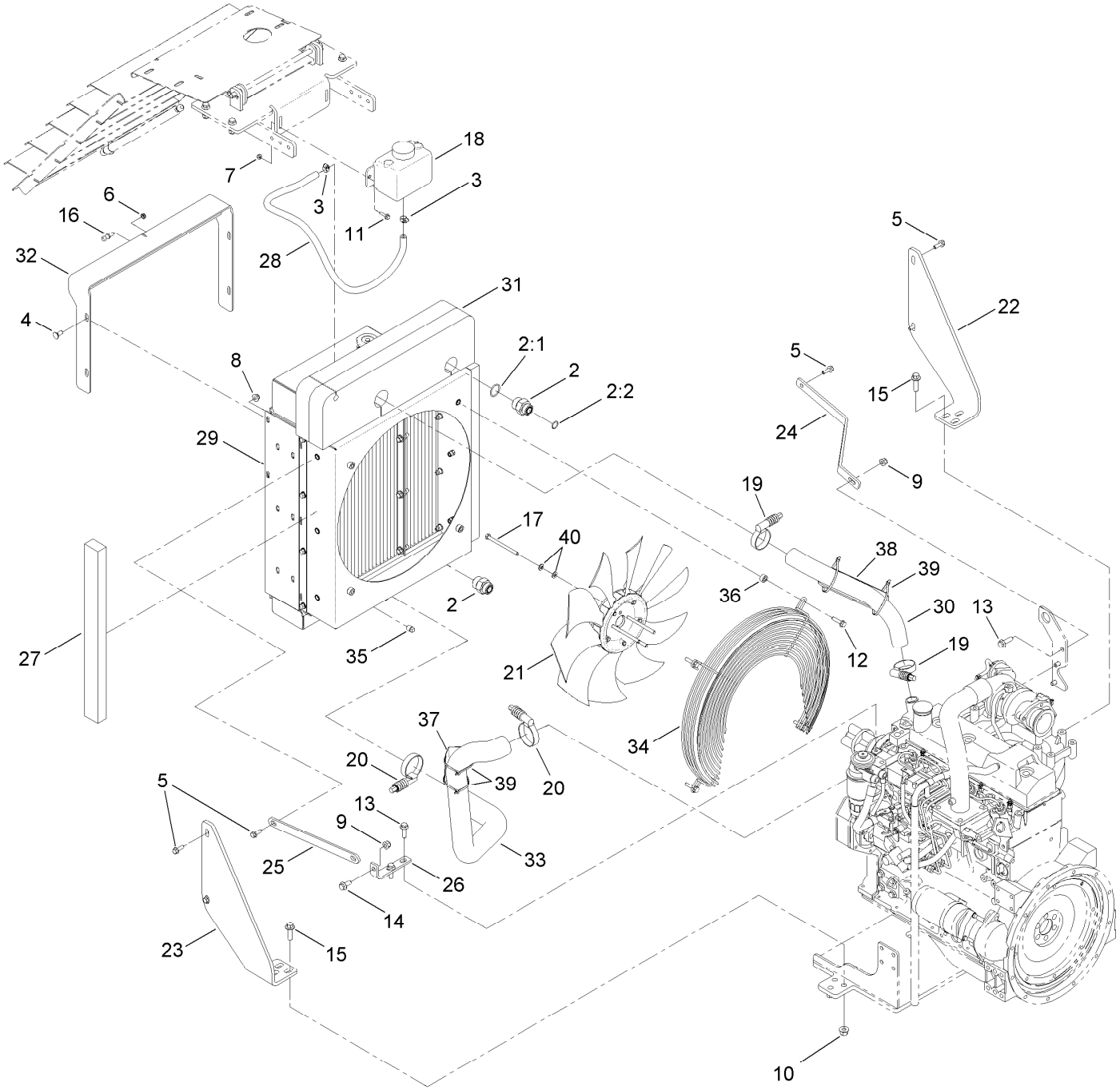
Operator Control Assembly



Operator Control Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-6592	1	Switch-Start, Green Button
2	33103-030	2	Screw-HHF
3	AU103384	1	Display-Dp600, Unprogrammed
4	AU113662	2	Switch-Rocker, 2 Pole (On/Off)
5	AU113664	1	Switch-Rocker, 2 Pole (On)Off(On)
6	AU113665	2	Switch-Rocker, 1 Pole (On)Off/On(Off)
7	AU117962	1	Joystick-Modified (Left Hand)
13	AU8EP46103	1	Button-Push, Red Mushroom
14	AU8EP47613	1	Joystick-Carriage
15	121-6585	1	Harness-Wire, Operator
15:7	32180-043	1	Resistor-120 Ohm
16	130-4457	1	Standard Exit Side Lockout
16:1	130-4459	1	Base Unit-Lockout
16:2	130-4462	1	Antenna-Lockout
16:3	130-4458	1	Handheld-Lockout
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

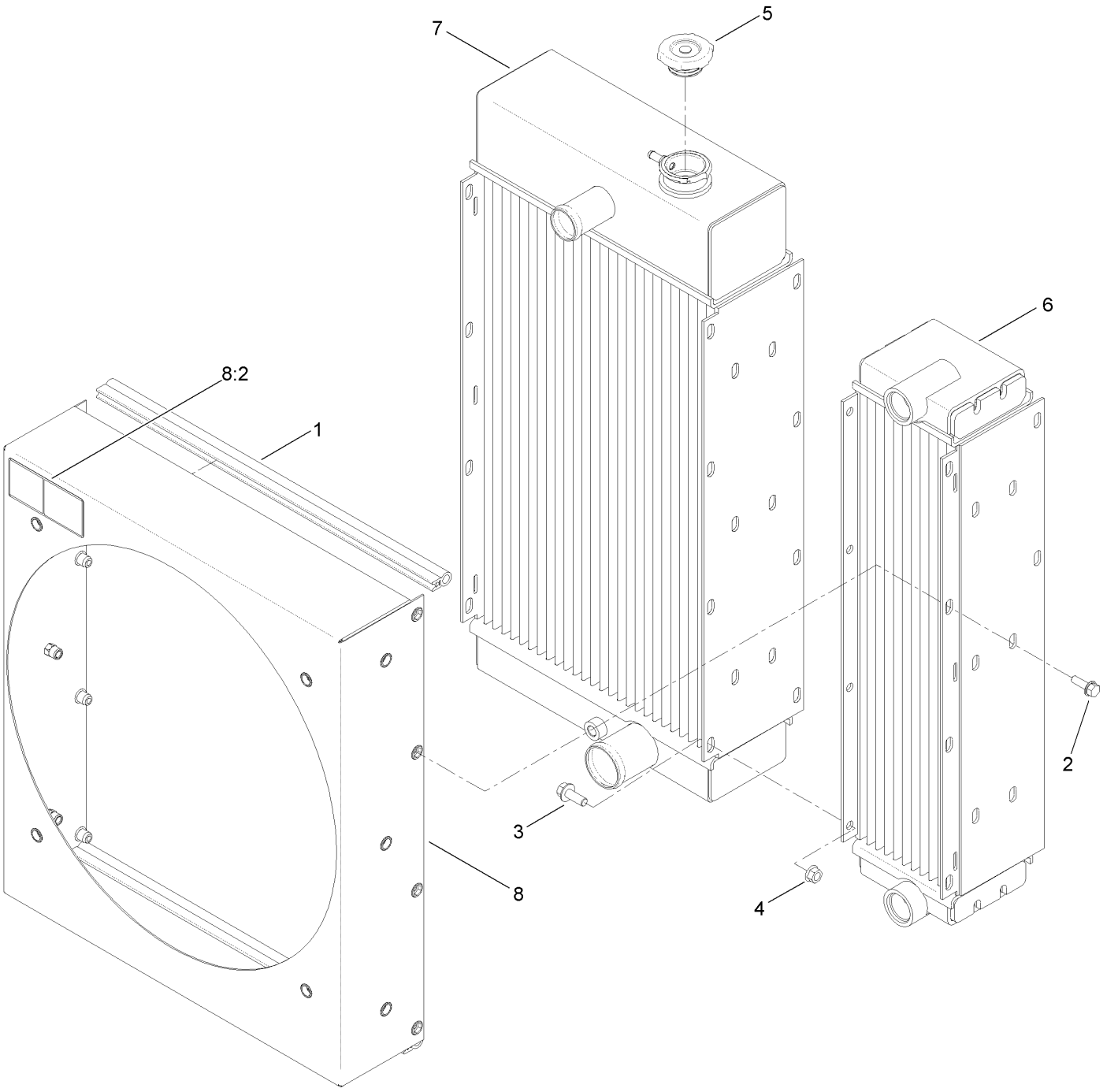
Engine Cooling Assembly



Engine Cooling Assembly (continued)

Ref.	Part Number	Qty.	Description
2	340-91	2	Adapter
2:1	237-58	1	O-Ring
2:2	237-146	1	O-Ring
3	2412-108	2	Clamp-Worm
4	3231-12	4	Bolt-CARR
5	33104-025	6	Screw-HHF
6	3296-47	1	Nut-Lock, NI
7	33003-00	2	Nut-HF
8	104-8301	4	Nut-Flange, NI
9	103-9511	2	Nut-Lock, NI
10	115-1115	6	Nut-Lock, HHF
11	33103-025	2	Screw-HHF
12	33104-035	4	Screw-HHF
13	33105-035	3	Screw-HHF
14	33105-025	1	Screw-HHF
15	33106-040	6	Screw-HHF
16	AU8HH96100	1	Stud-Ball, .75In
17	33114-110	4	Screw-HH
18	AU109352	1	Tank-Overflow
19	121-7536	2	Clamp-Constant Torque
20	AU110569	2	Clamp-Torque, Constant
21	AU114234	1	Fan-19 Inch (10-Blade)
22	AU114260-03	1	Bracket-Mount, Radiator
23	AU114261-03	1	Bracket-Mount, Radiator
24	AU114262-03	1	Strap-Radiator
25	AU114263-03	1	Strap-Radiator
26	AU114350-03	1	Plate-Mount, Strap
27	AU114671	2	Seal-Foam
28	127-0762	1	Hose-Coolant, Overflow
29	AU129486	1	Cooler ASM
30	AU130011	1	Hose-Upper, Radiator
31	130-4473	2	Foam-Radiator, Upper
32	AU130029-03	1	Shock Mount ASM
33	AU130482	1	Hose-Lower, Radiator
34	AU8HX30005-2	1	Guard-Fan
35	281-1	1	Plug-Pipe, SQH
36	103-3648	4	Spacer-Nominal, 10.5Mm
37	AU112950	1	Protector-Hose, 4 Inch
38	AU112951	1	Protector-Hose, 8 Inch
39	3290-379	4	Tie-Cable
40	3256-23	8	Washer-Flat

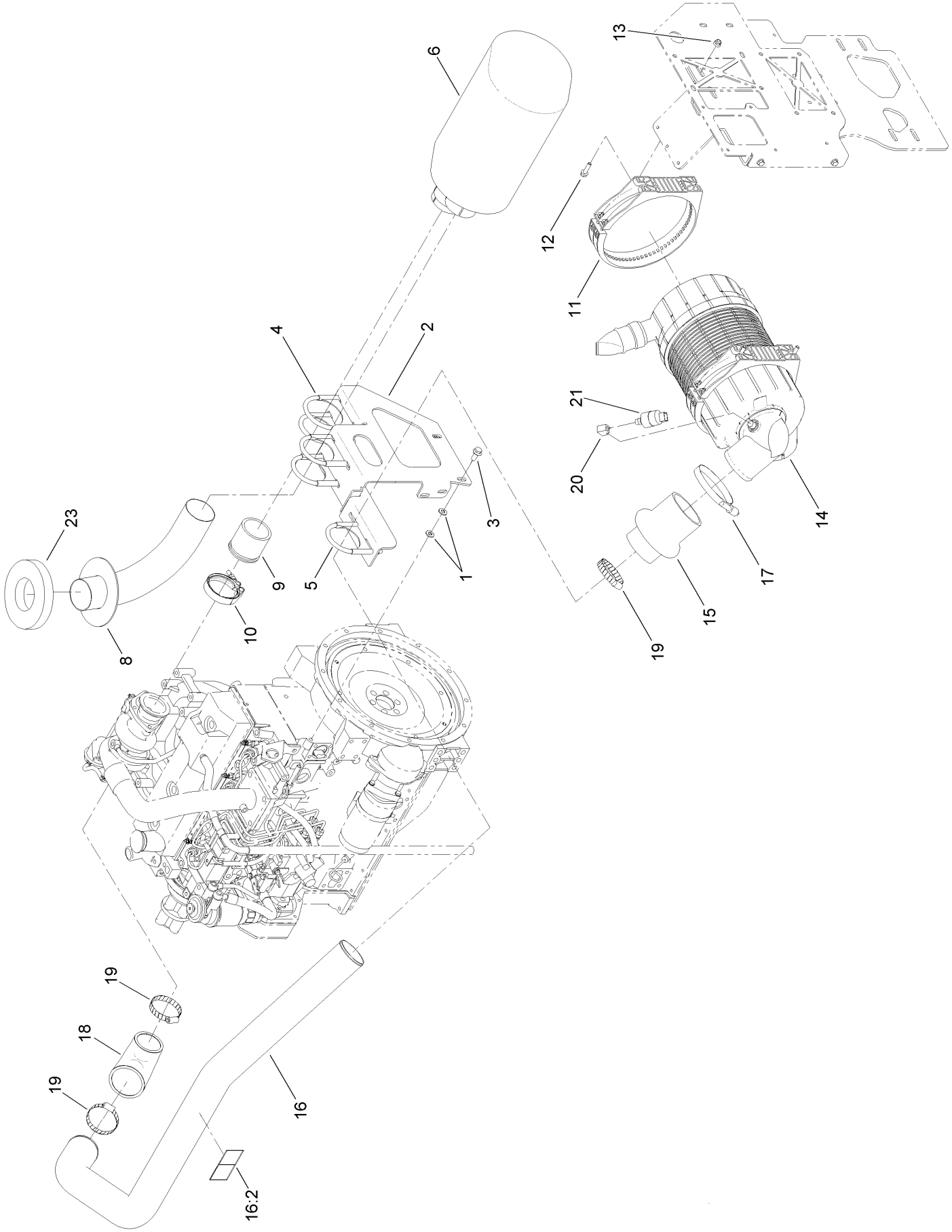
Cooler Assembly No. AU129486



Cooler Assembly No. AU129486 (continued)

Ref.	Part Number	Qty.	Description
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
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

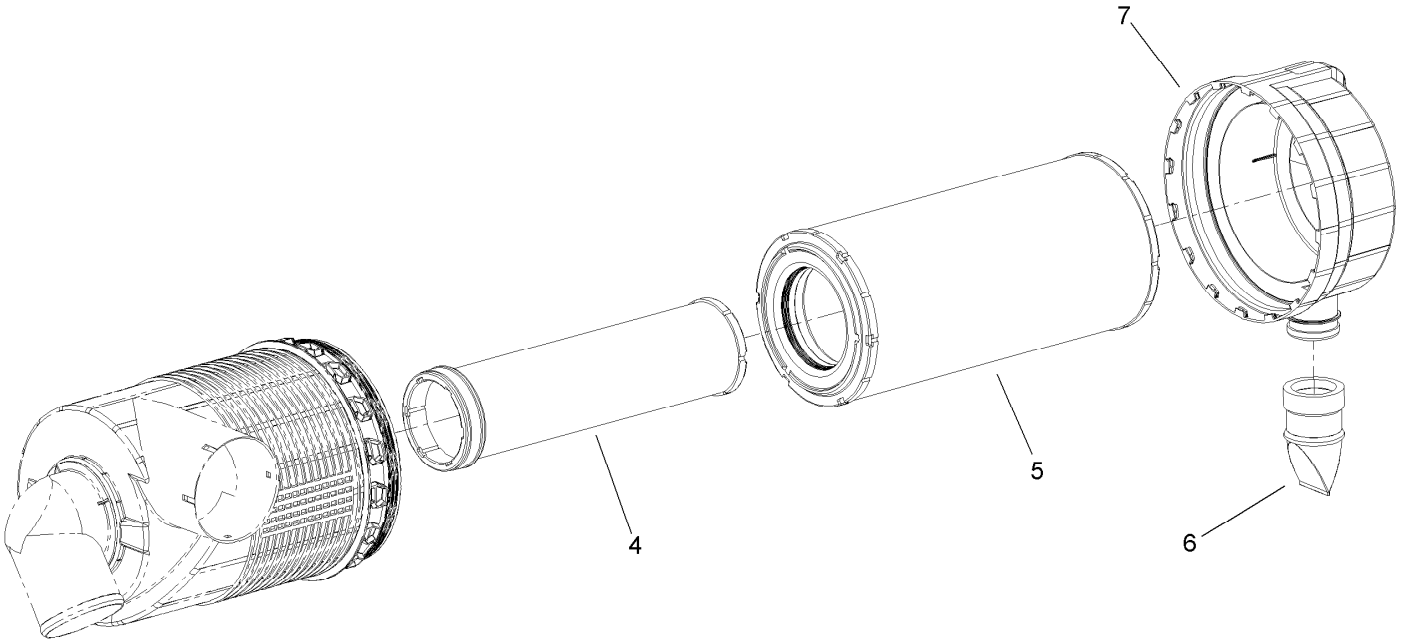
Engine Intake and Exhaust Assembly



Engine Intake and Exhaust Assembly (continued)

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

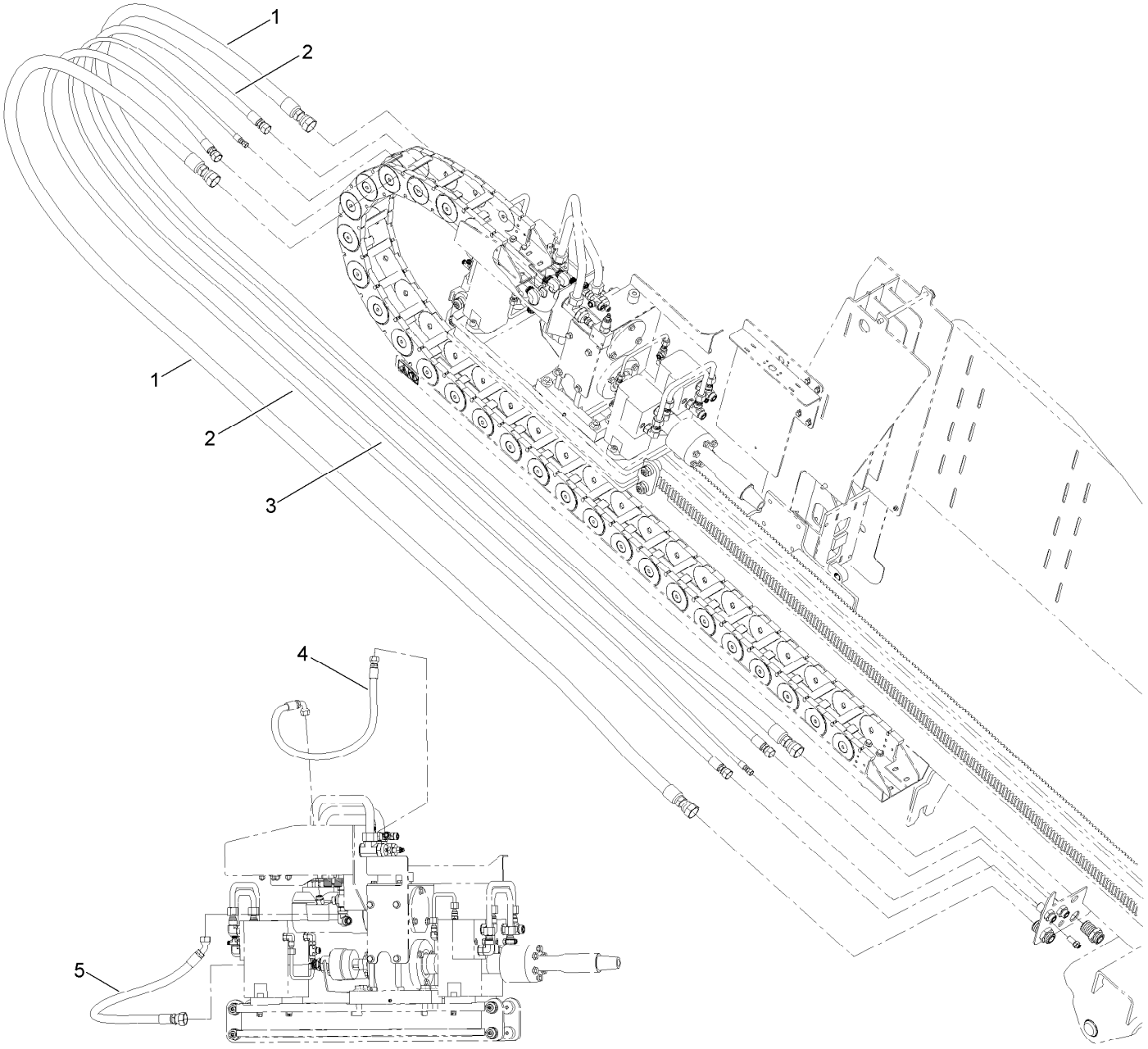
Air Cleaner Assembly No. 112-7329



Air Cleaner Assembly No. 112-7329 (continued)

Ref.	Part Number	Qty.	Description
4	115-8877	1	Filter-Engine Air, Safety
5	115-8887	1	Filter-Engine Air, Primary
6	114-5624	1	Valve-Vacuator
7	114-5625	1	Cover ASM

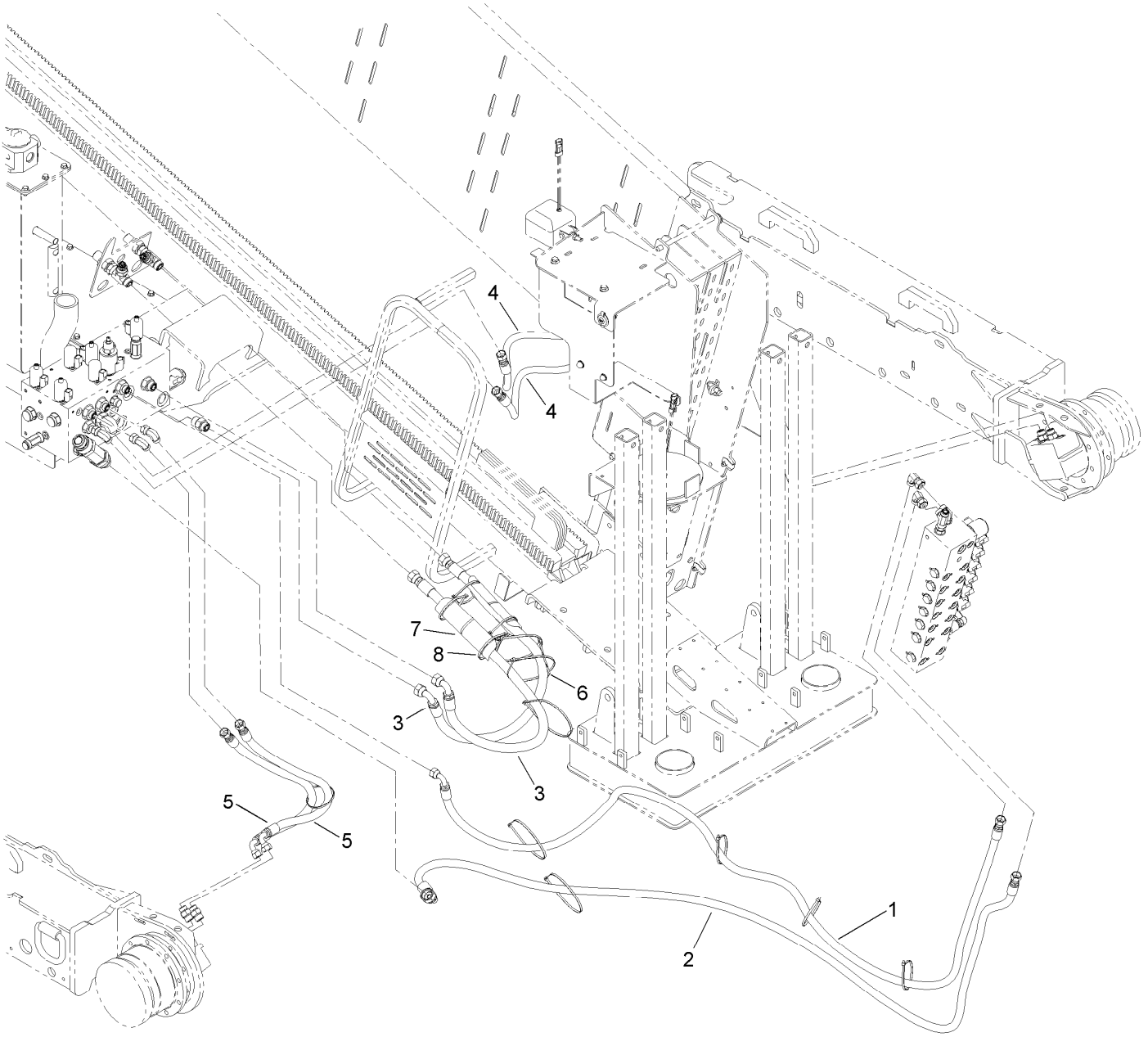
Main Frame Hydraulic Hose Assembly No. 1



Main Frame Hydraulic Hose Assembly No. 1 (continued)

Ref.	Part Number	Qty.	Description
1	127-0831	2	Hose ASM
2	127-0833	2	Hose ASM
3	127-0768	1	Hose ASM
4	127-0838	1	Hose ASM
5	127-0839	1	Hose ASM

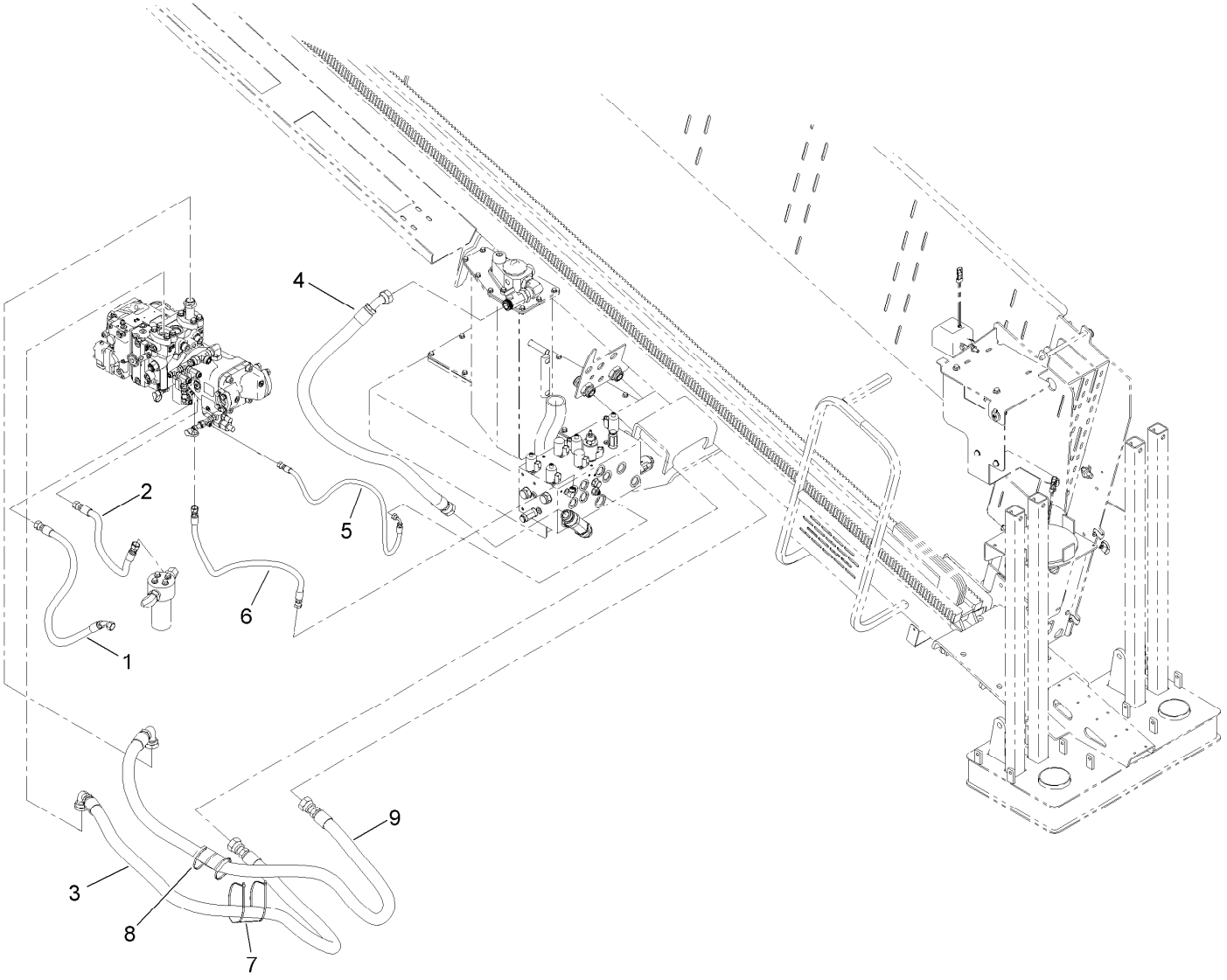
Main Frame Hydraulic Hose Assembly No. 2



Main Frame Hydraulic Hose Assembly No. 2 (continued)

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

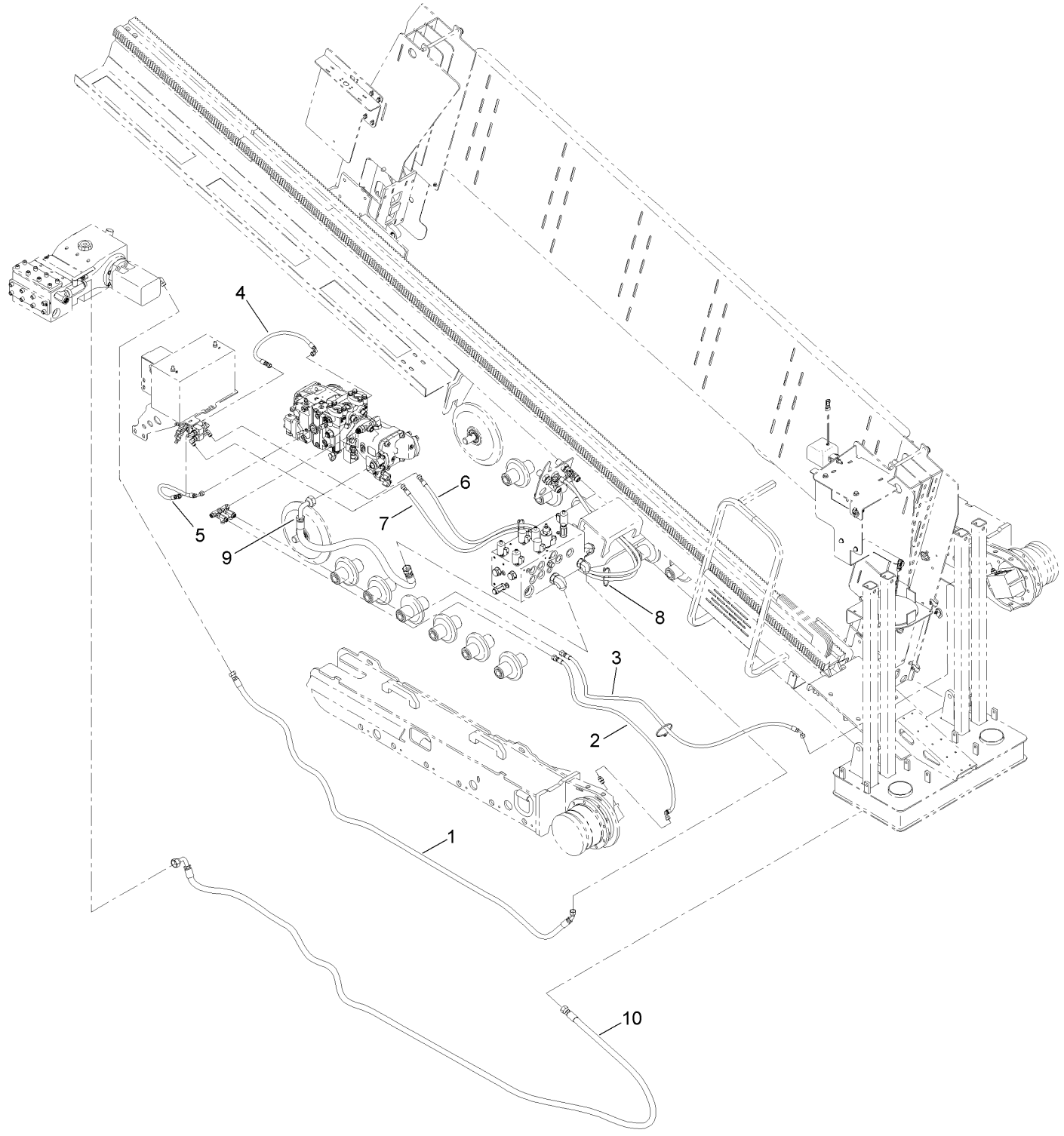
Main Frame Hydraulic Hose Assembly No. 3



Main Frame Hydraulic Hose Assembly No. 3 (continued)

Ref.	Part Number	Qty.	Description
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
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

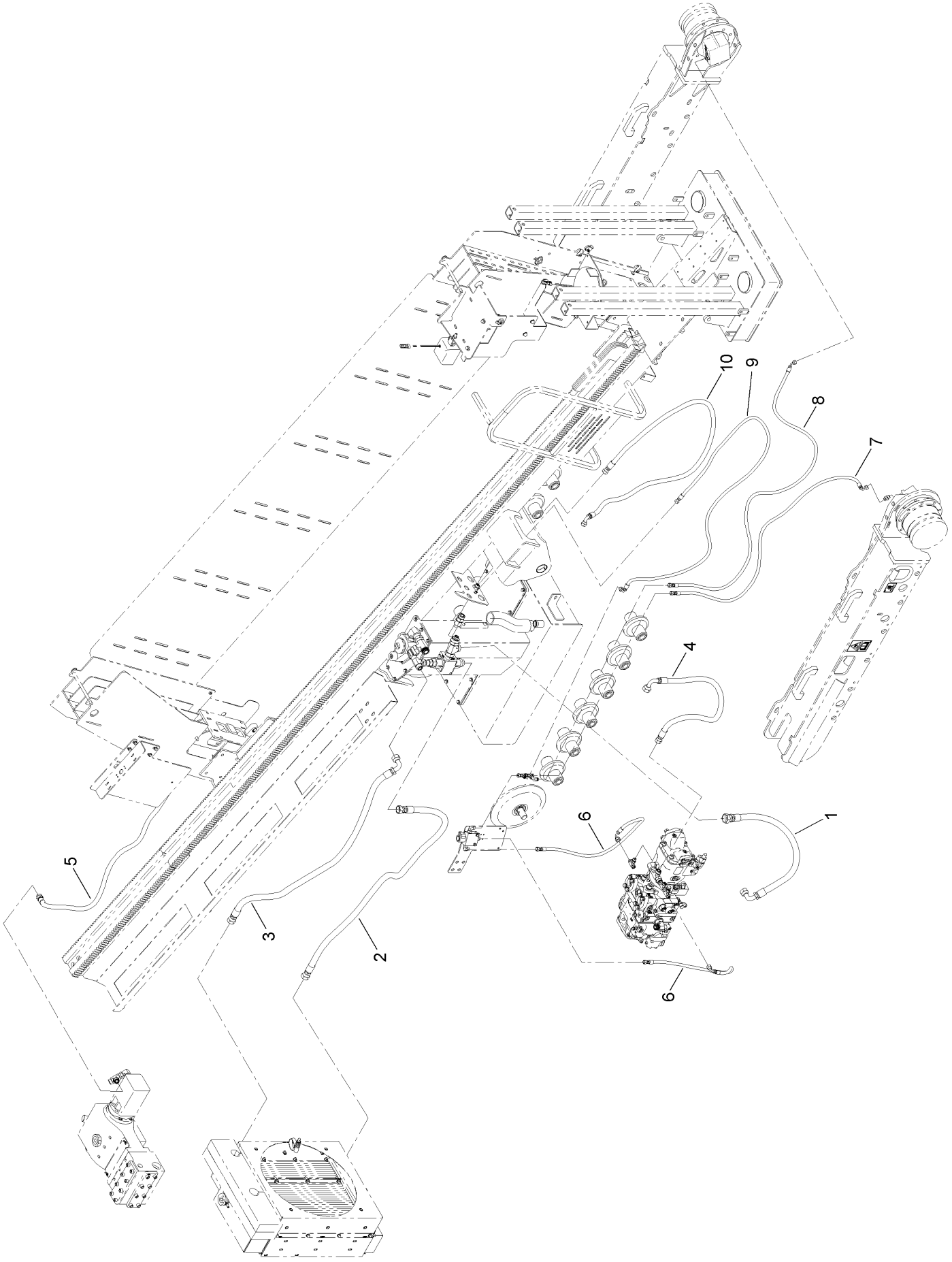
Main Frame Hydraulic Hose Assembly No. 4



Main Frame Hydraulic Hose Assembly No. 4 (continued)

Ref.	Part Number	Qty.	Description
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
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

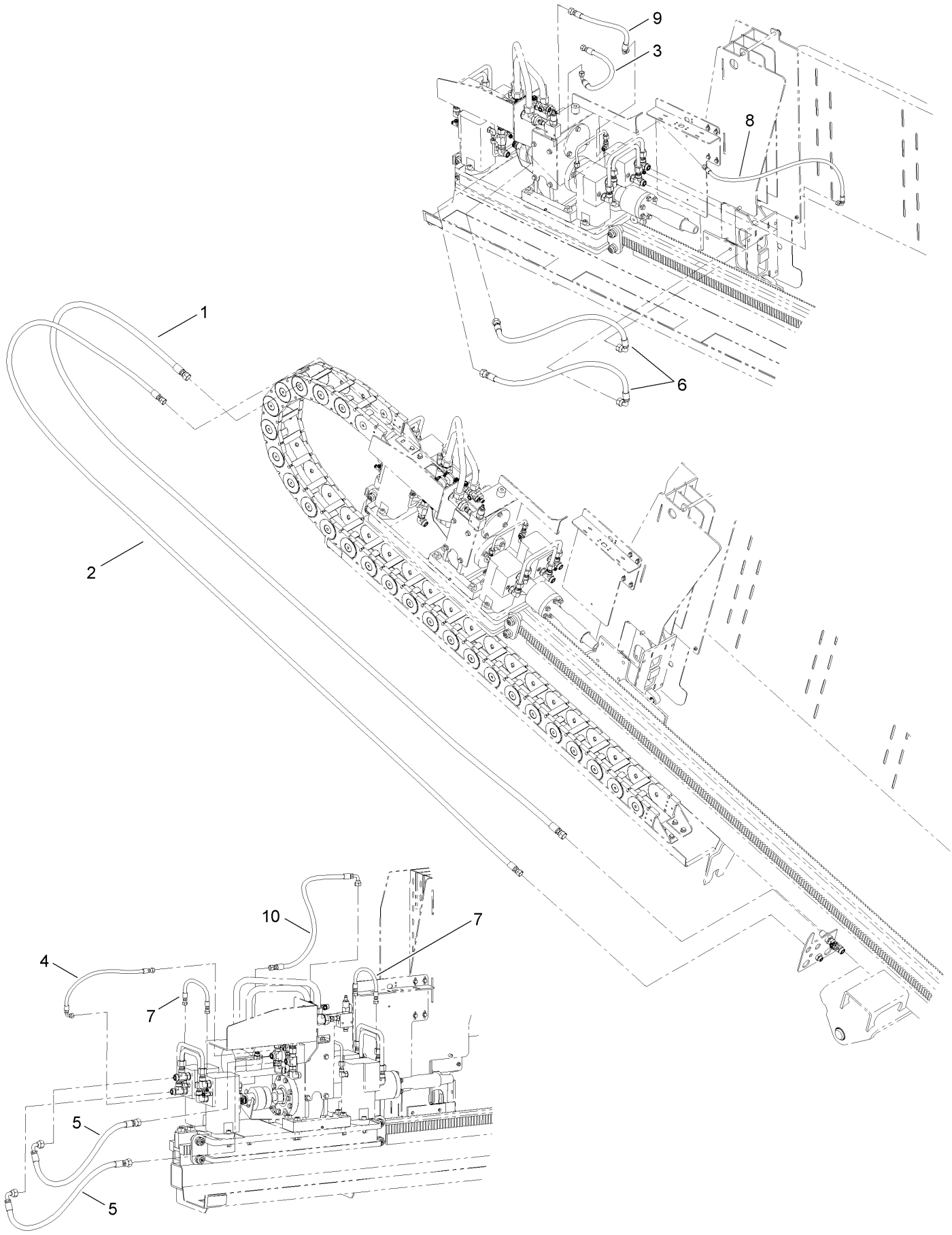
Main Frame Hydraulic Hose Assembly No. 5



Main Frame Hydraulic Hose Assembly No. 5 (continued)

Ref.	Part Number	Qty.	Description
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
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

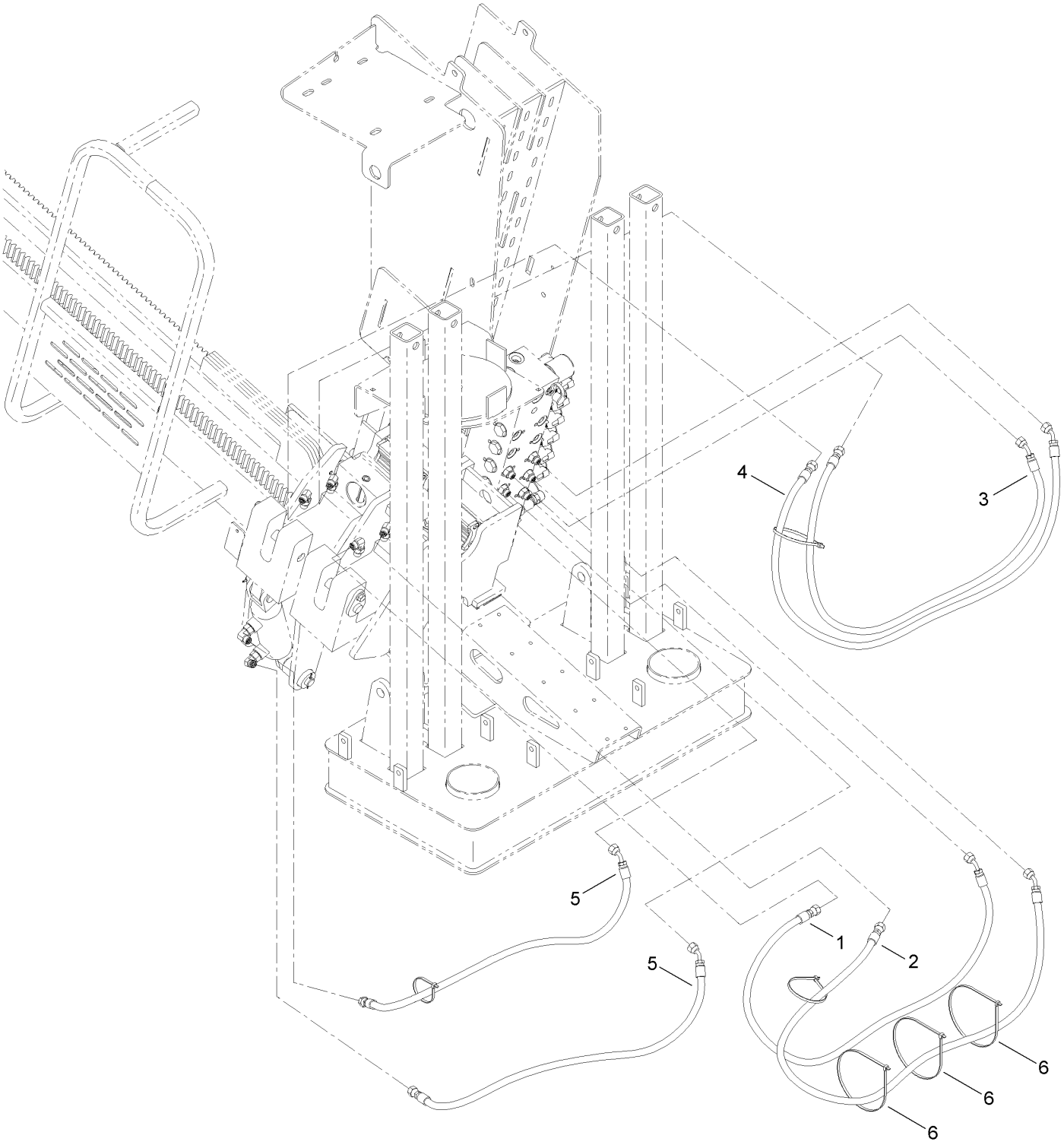
Thrust Frame Hydraulic Hose Assembly No. 1



Thrust Frame Hydraulic Hose Assembly No. 1 (continued)

Ref.	Part Number	Qty.	Description
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
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

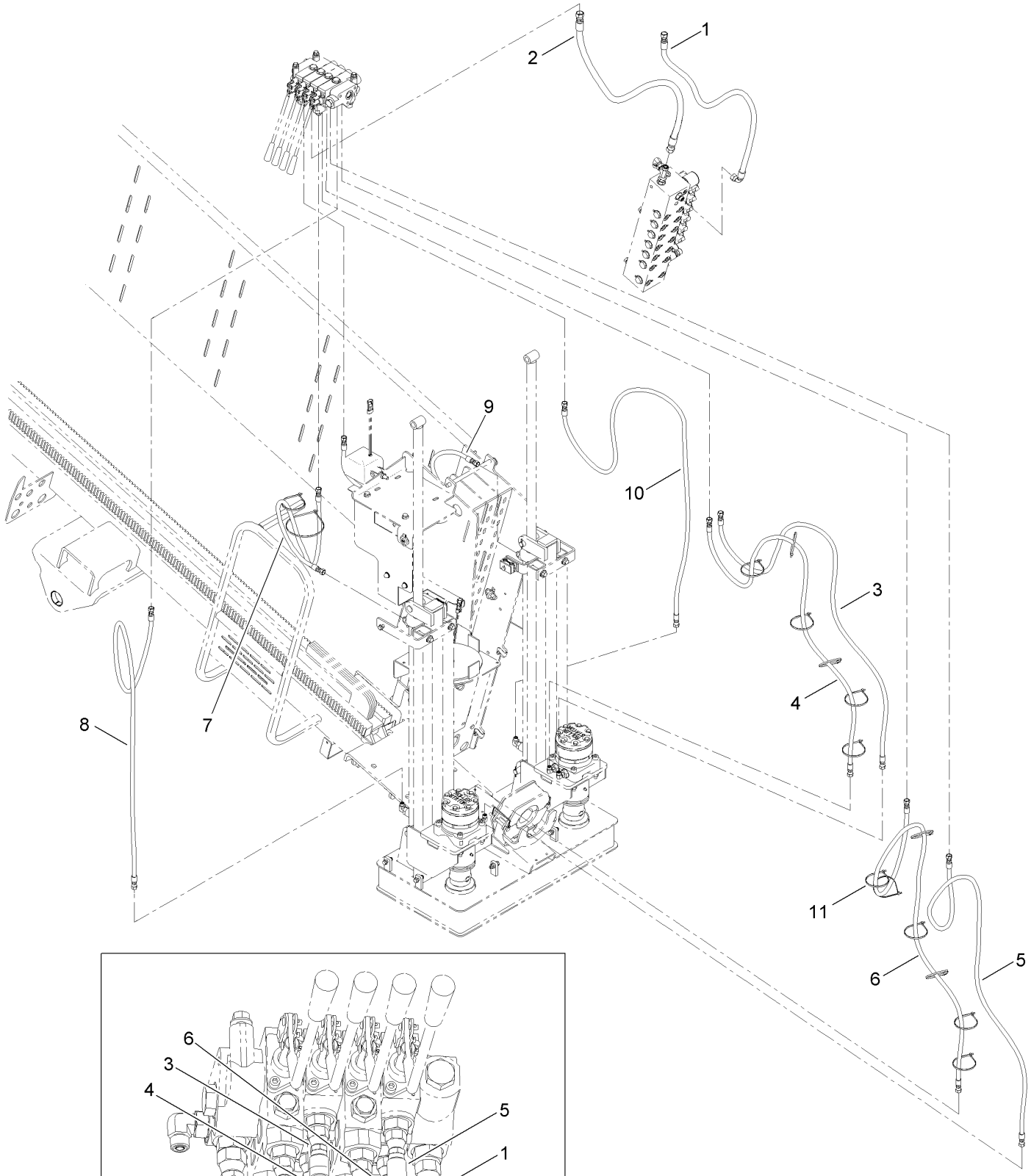
Thrust Frame Hydraulic Hose Assembly No. 2



Thrust Frame Hydraulic Hose Assembly No. 2 (continued)

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

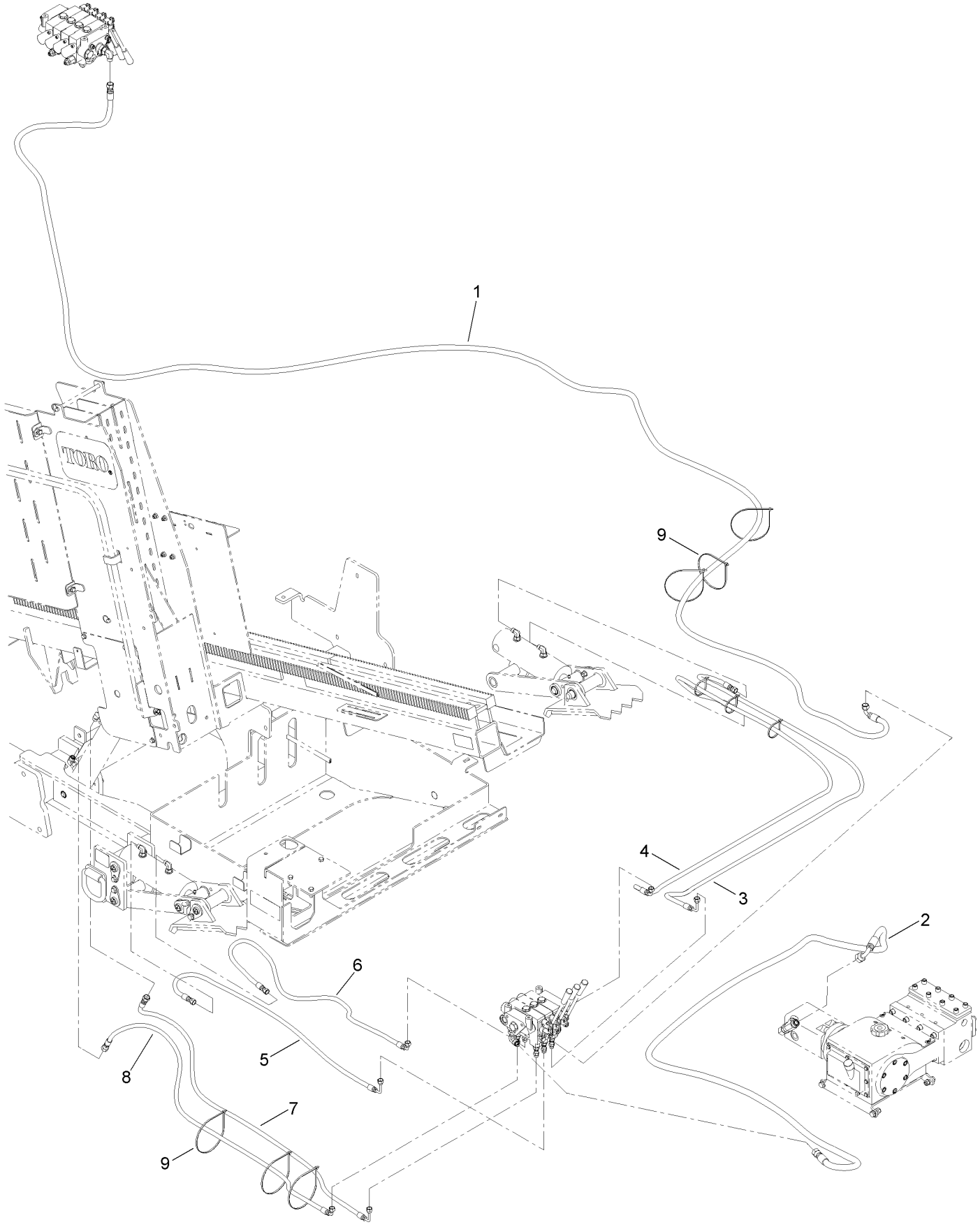


Reference View

Thrust Frame Hydraulic Hose Assembly No. 3 (continued)

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

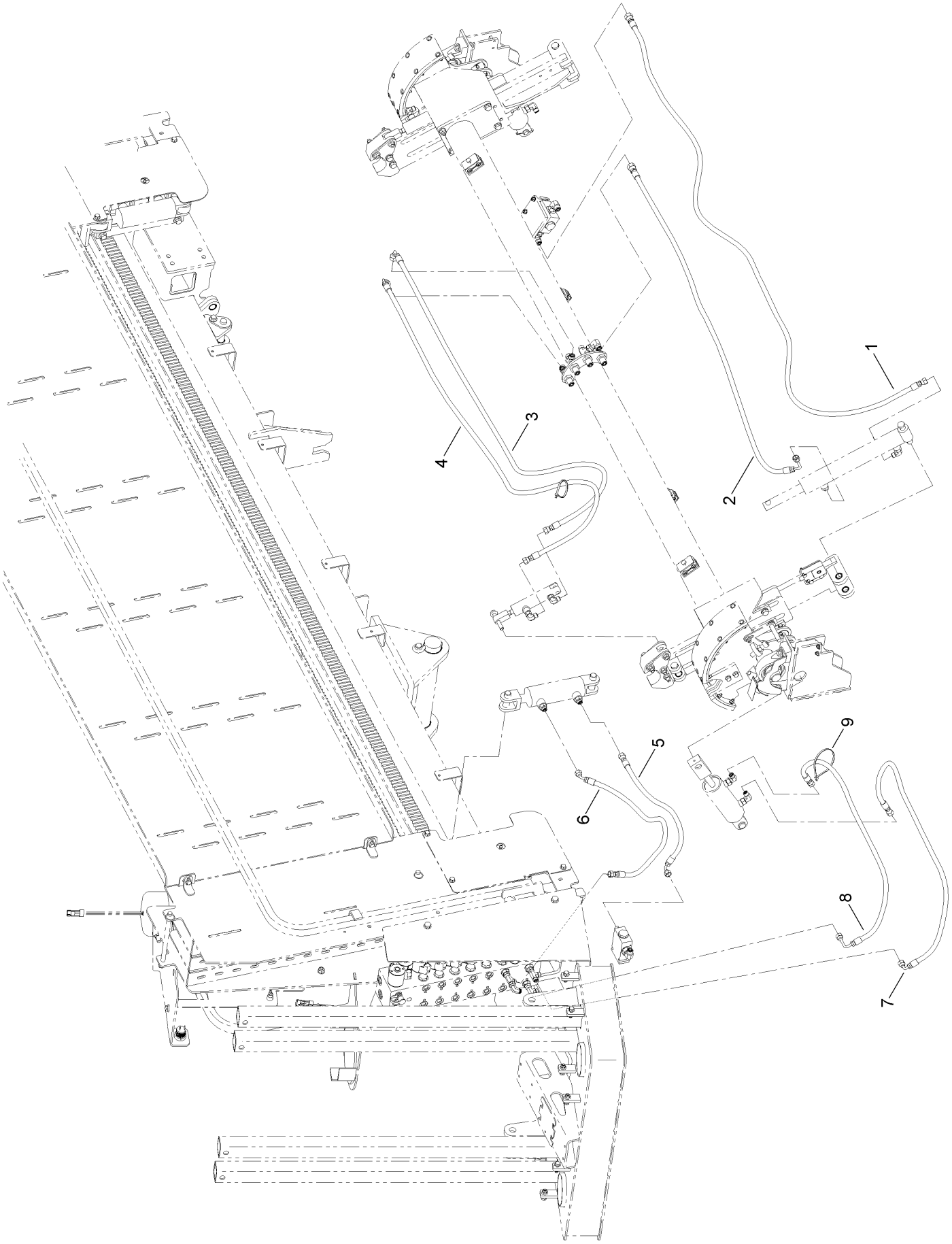
Thrust Frame Hydraulic Hose Assembly No. 4



Thrust Frame Hydraulic Hose Assembly No. 4 (continued)

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

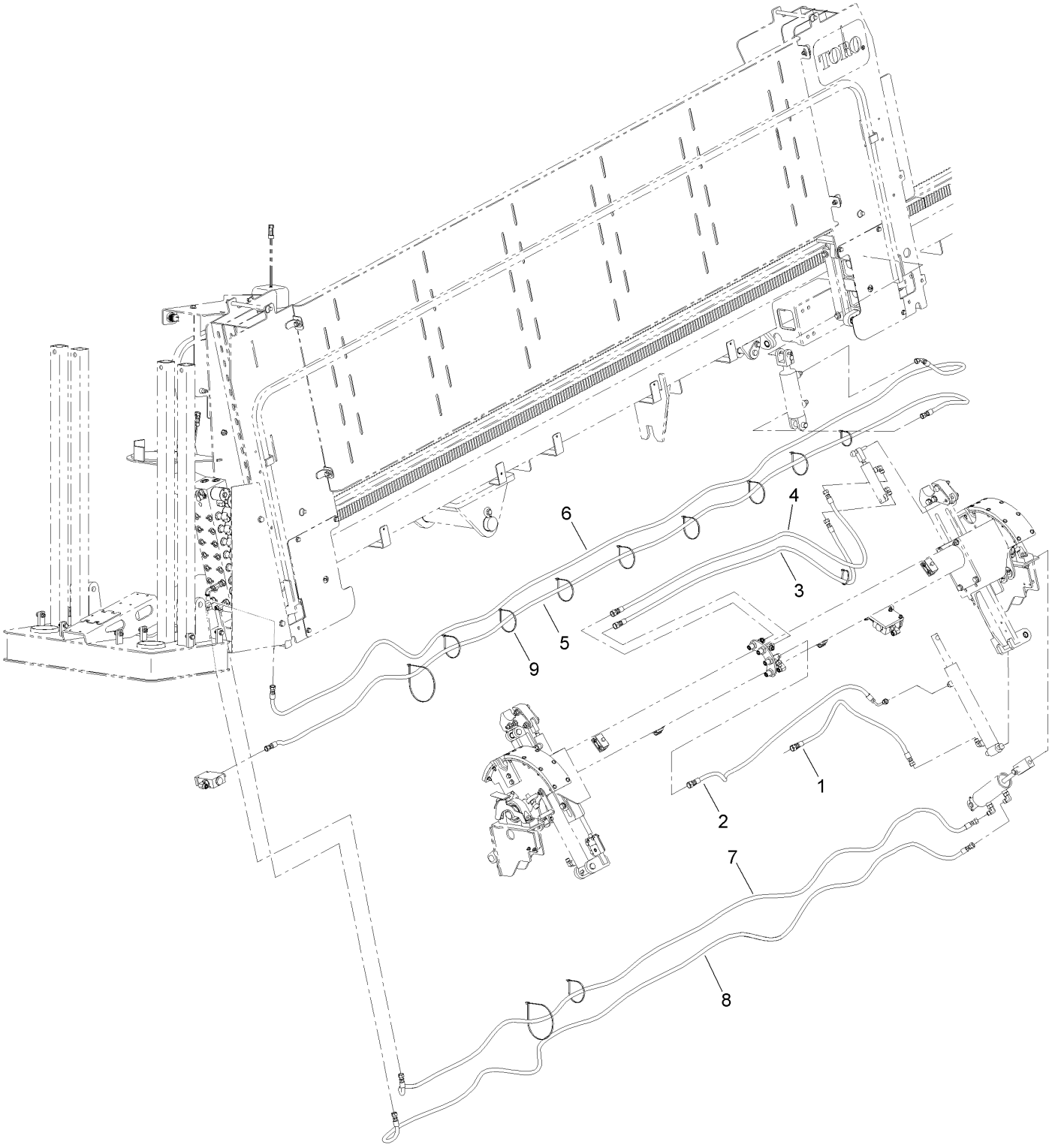
Thrust Frame Hydraulic Hose Assembly No. 5



Thrust Frame Hydraulic Hose Assembly No. 5 (continued)

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

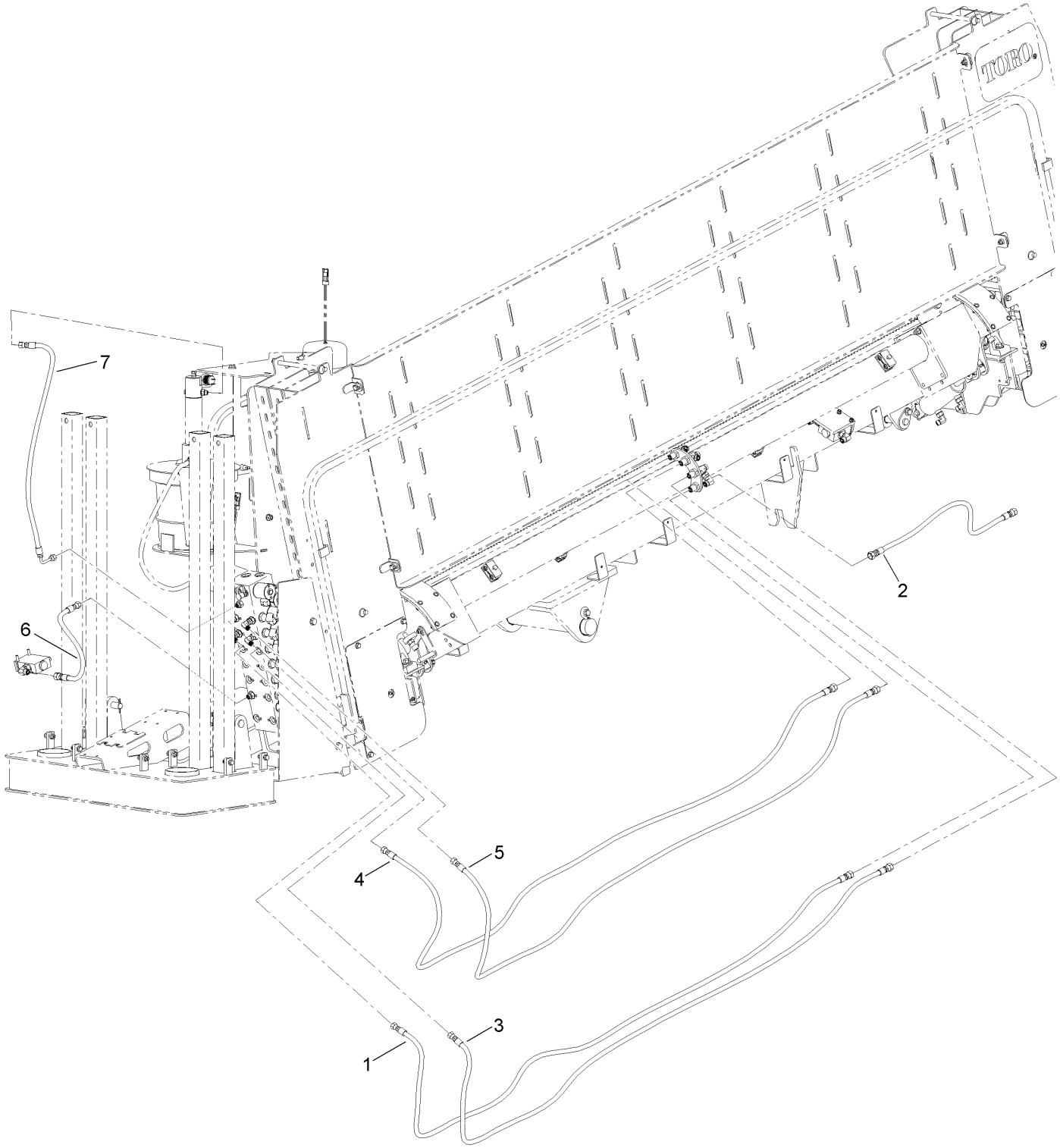
Thrust Frame Hydraulic Hose Assembly No. 6



Thrust Frame Hydraulic Hose Assembly No. 6 (continued)

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

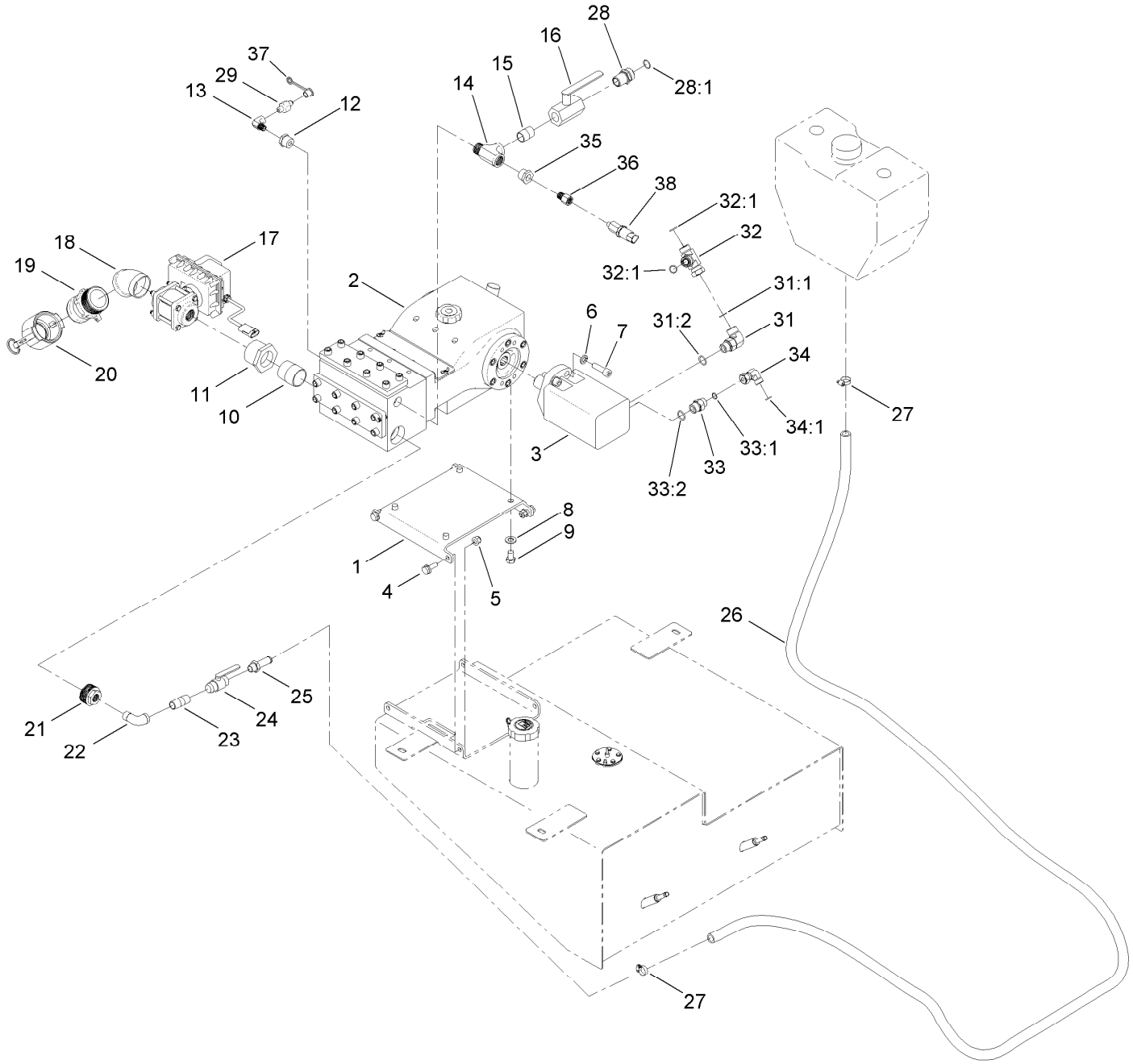
Thrust Frame Hydraulic Hose Assembly No. 7



Thrust Frame Hydraulic Hose Assembly No. 7 (continued)

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

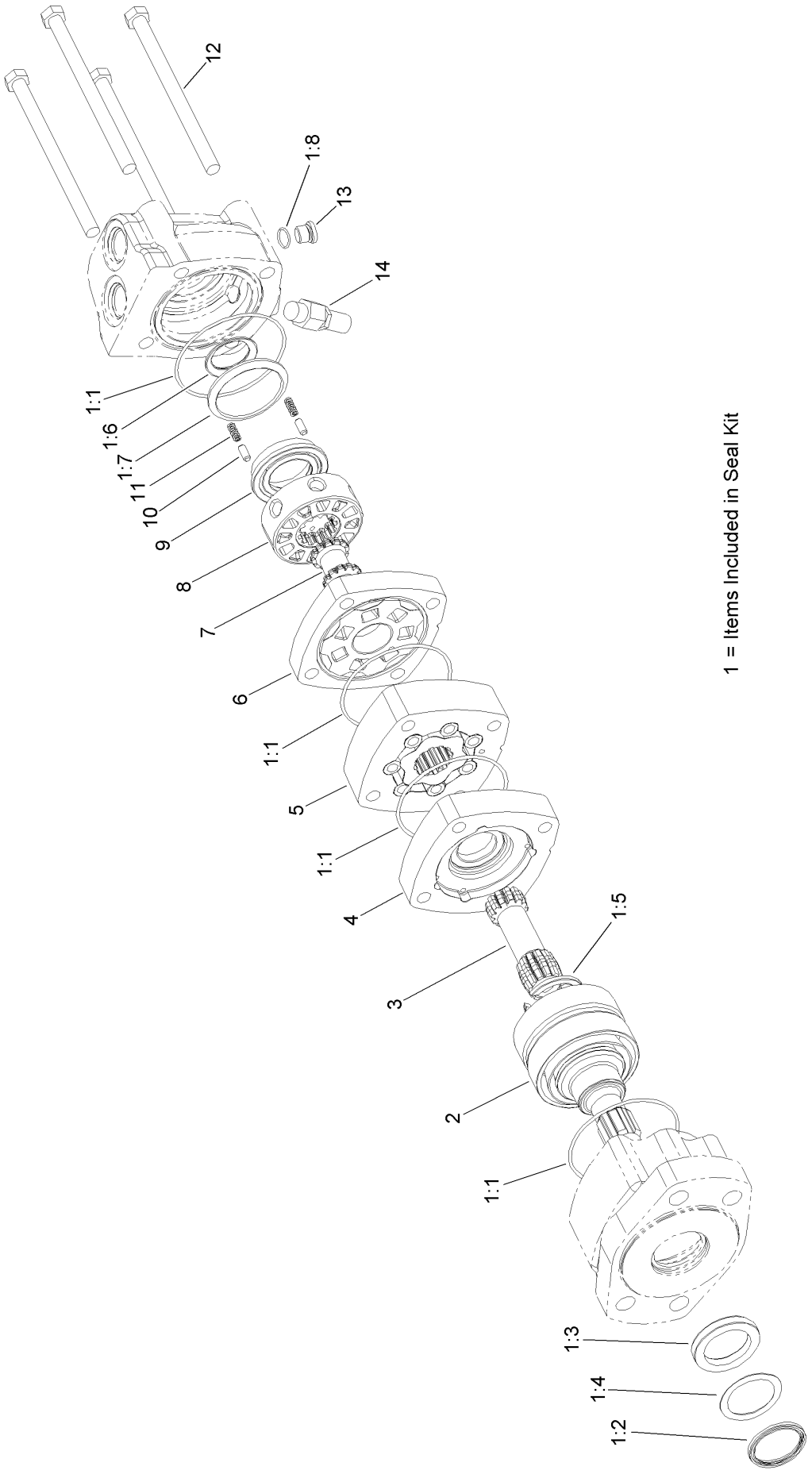
Mud Pump and Valve Assembly



Mud Pump and Valve Assembly (continued)

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

Hydraulic Motor Assembly No. AU8HM24061

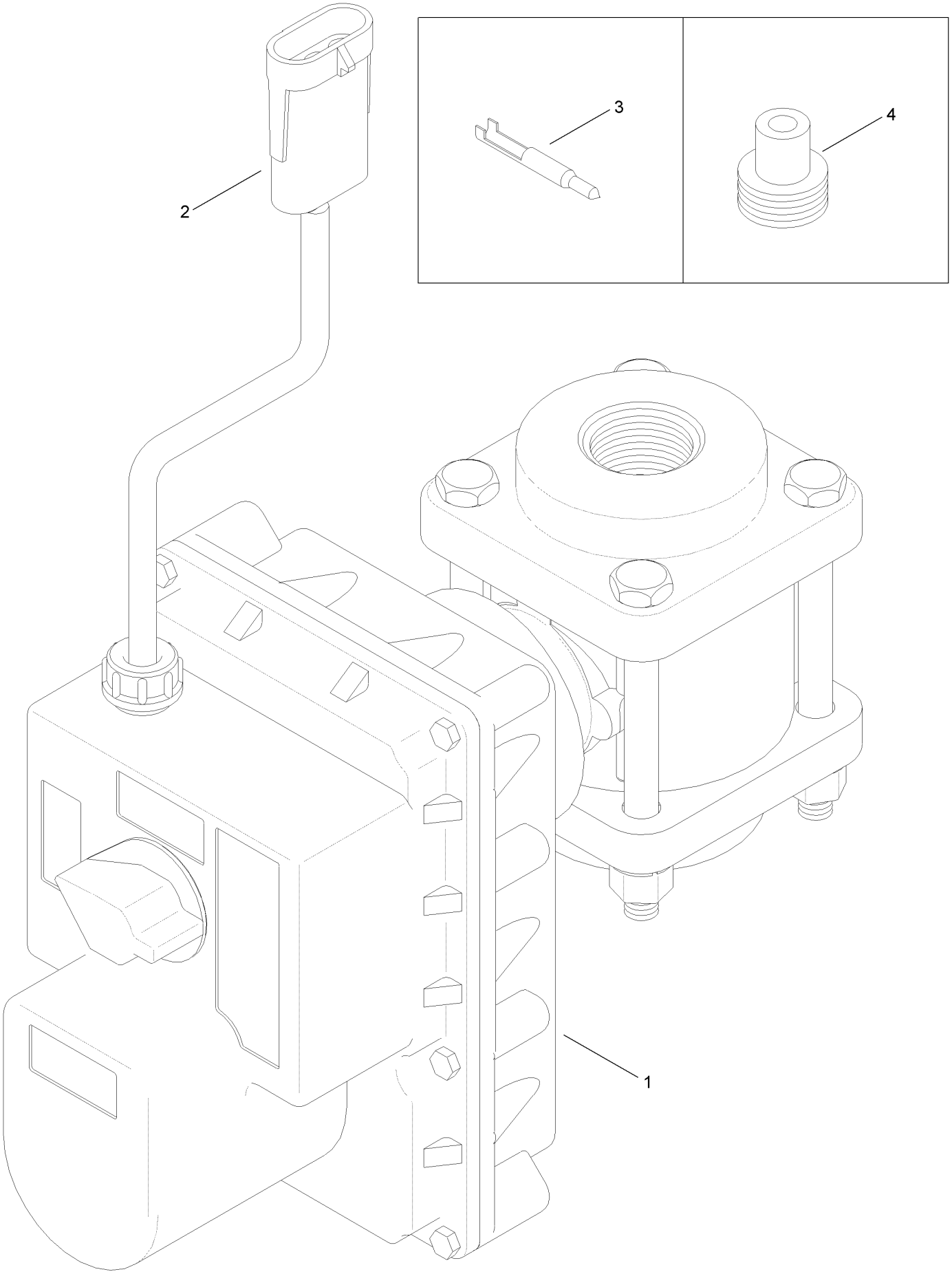


Hydraulic Motor Assembly No. AU8HM24061 (continued)

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

● Not serviced separately

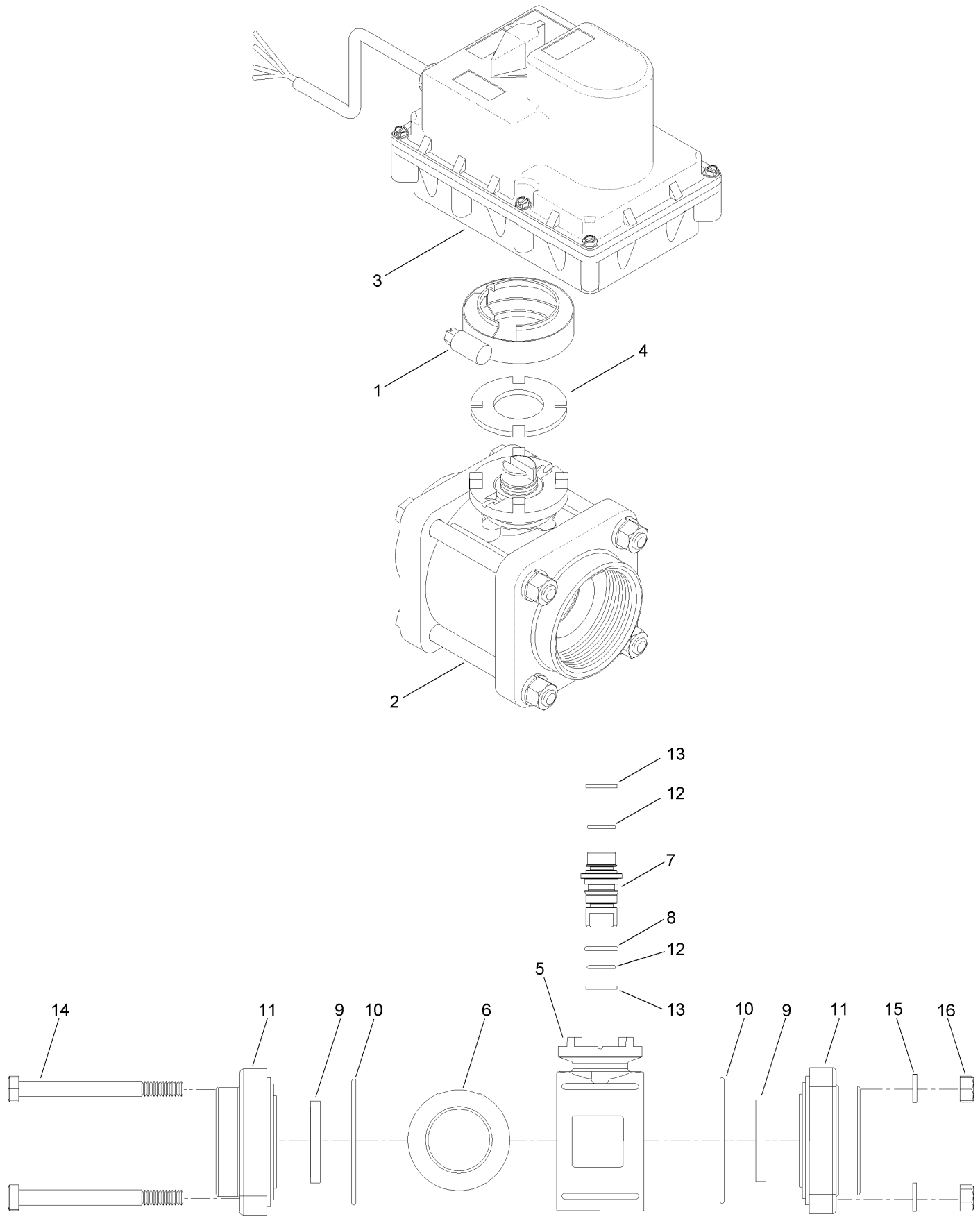
2 Inch Ball Valve Assembly No. AU6HV29033



2 Inch Ball Valve Assembly No. AU6HV29033 (continued)

Ref.	Part Number	Qty.	Description
1	AU8HV29033	1	Water Shutoff Valve ASM
2	AU8EC92203	1	Connector-Male, 3-Way (Body Only)
3	AU8EC92302	3	Terminal-Male
4	AU8EC92502	3	Seal

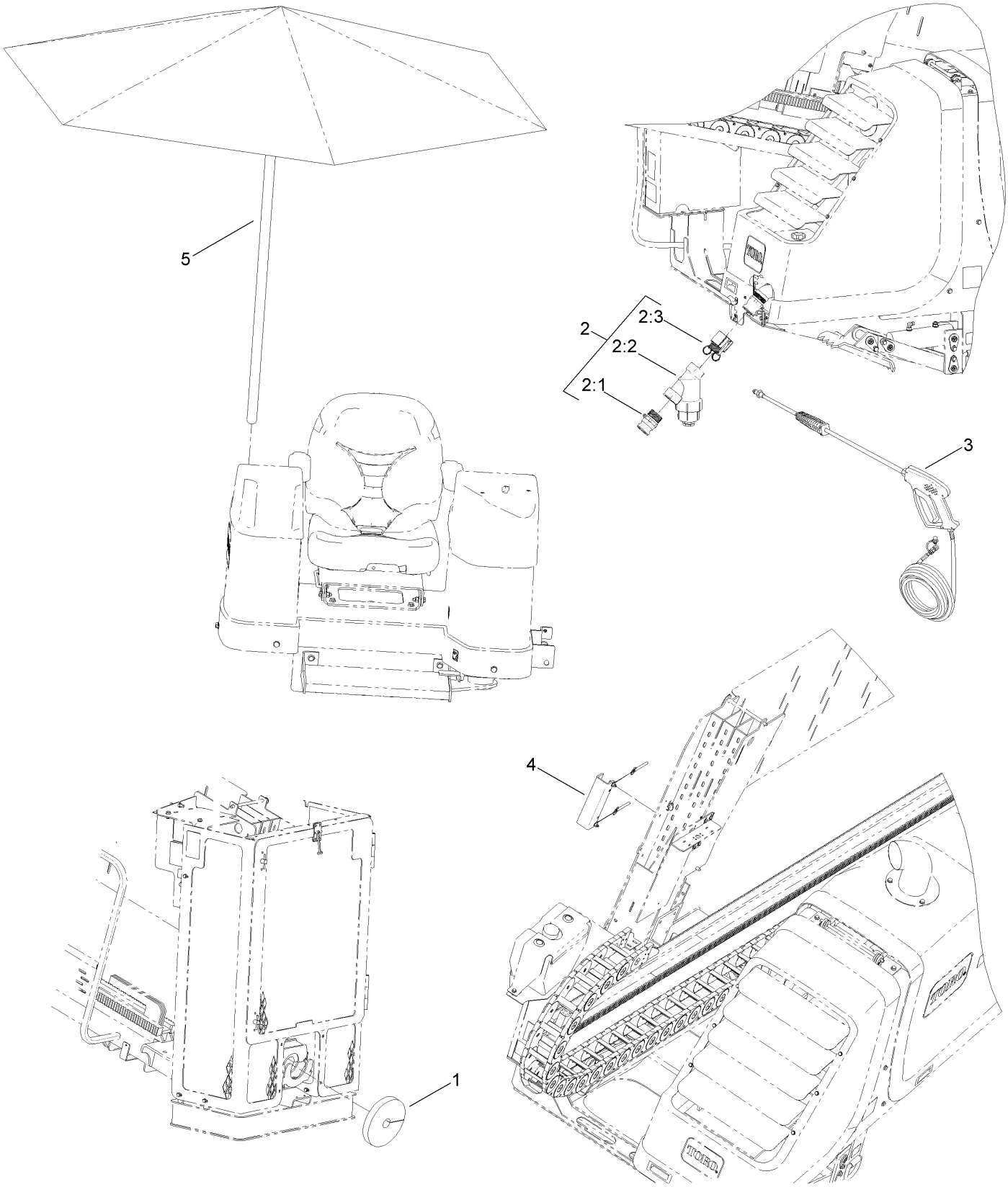
Water Shutoff Valve Assembly No. AU8HV29033



Water Shutoff Valve Assembly No. AU8HV29033 (continued)

Ref.	Part Number	Qty.	Description
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
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

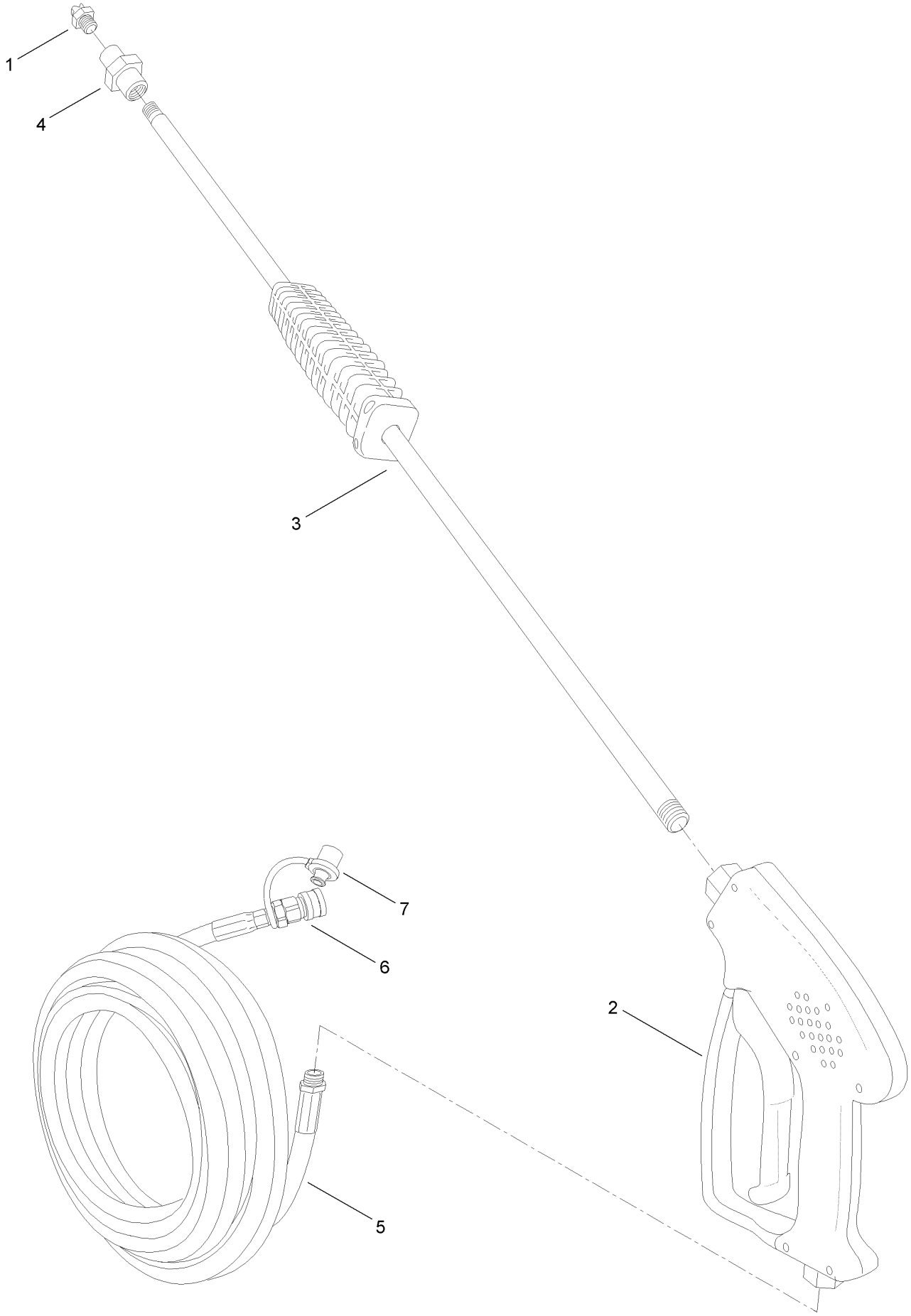
Wash Wand, Umbrella, Cylinder Lockout, Strainer and Split Wiper Assembly



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

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

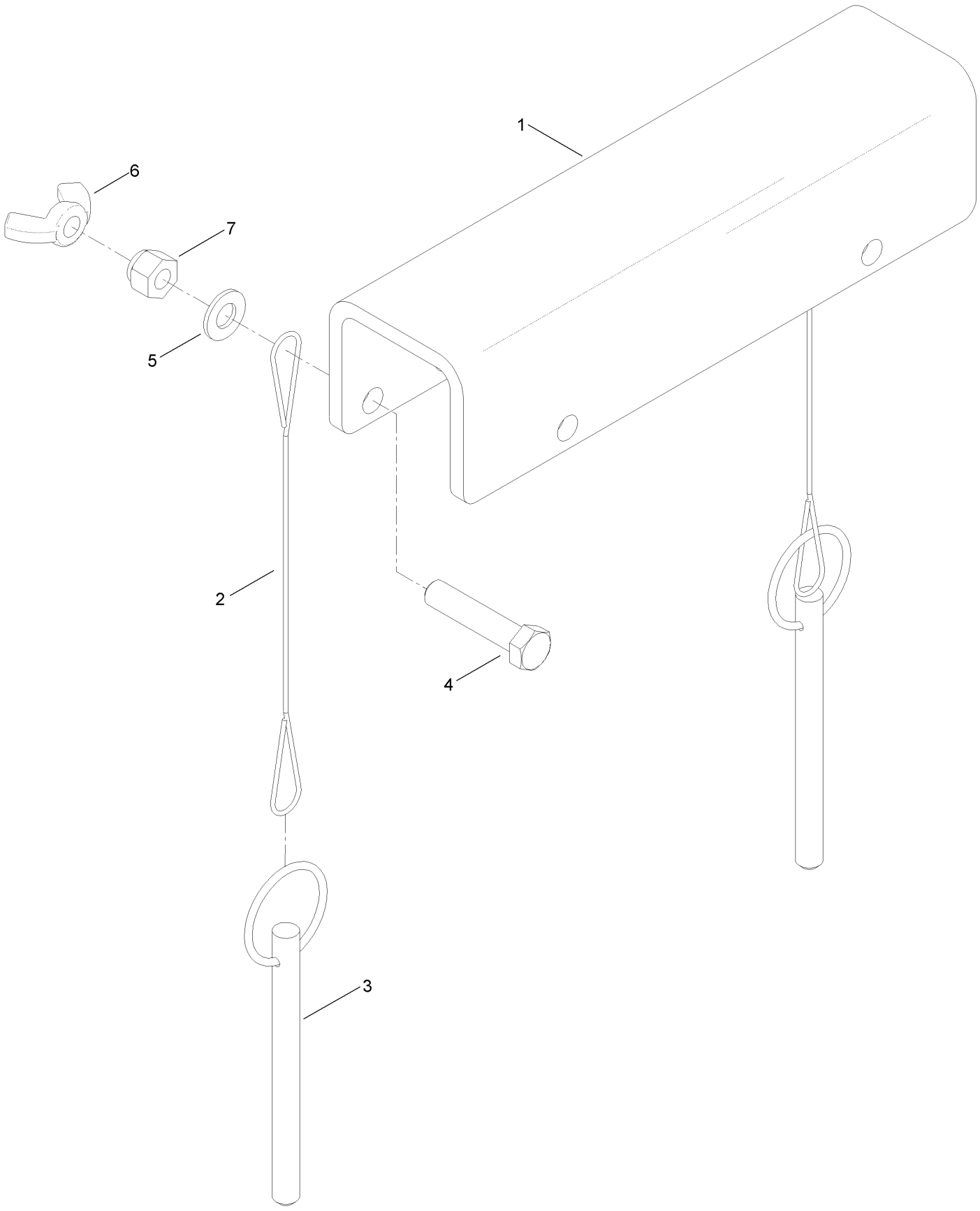
Wash Down Wand Assembly No. 127-0991



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

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

Ref.	Part Number	Qty.	Description
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
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.