Form Number 3354-433 Rev A

Backhoe
Compact Utility Loader

Model No. 23163 - 260000001 and up.

Parts Catalog

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 illustrations and in part lists.

Reference Numbers Indicating Quantity

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

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

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Part Description Abbreviations

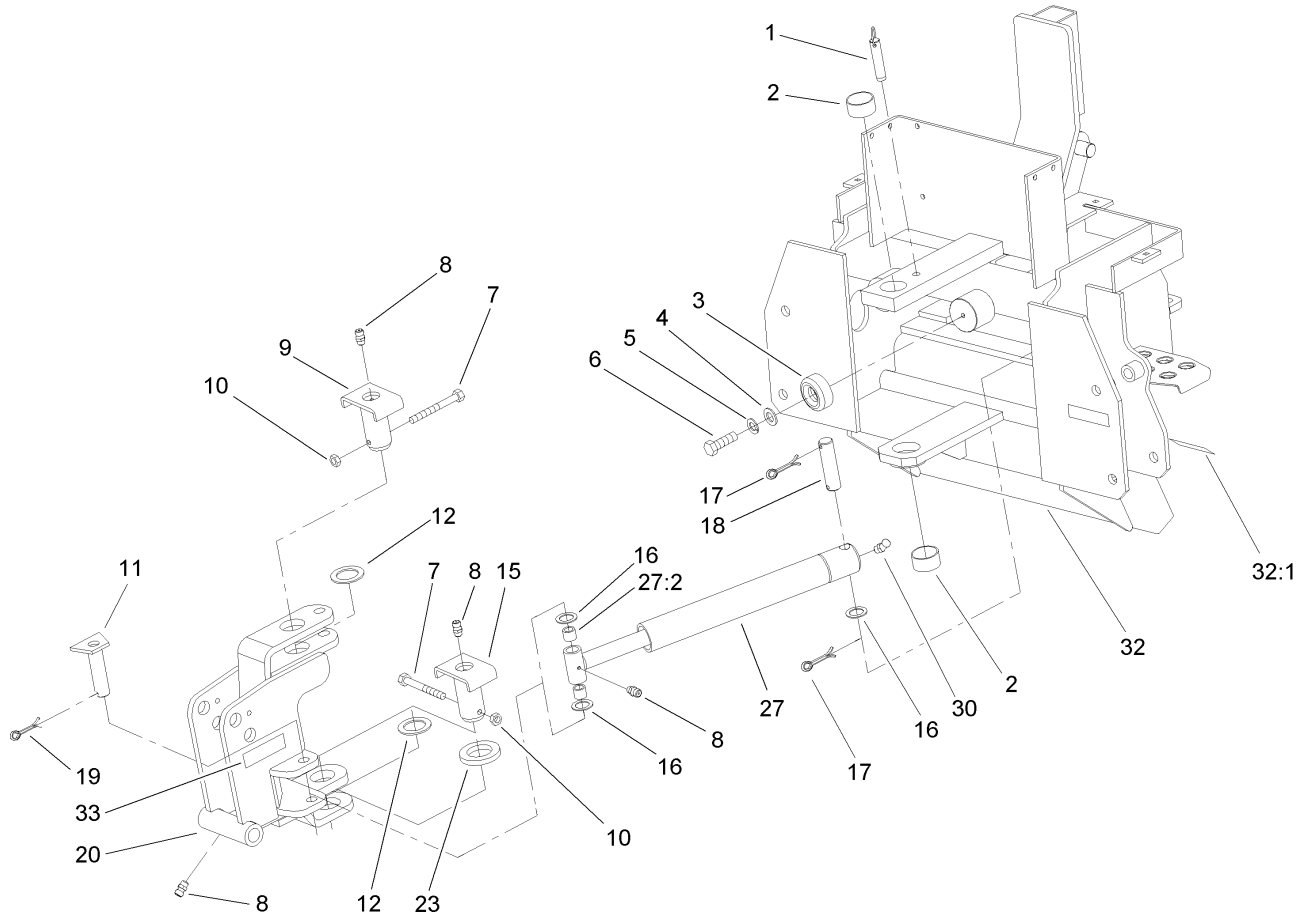
Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
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
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
INC. . . . . incorporated
LH. . . . . left hand
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
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

Footnotes

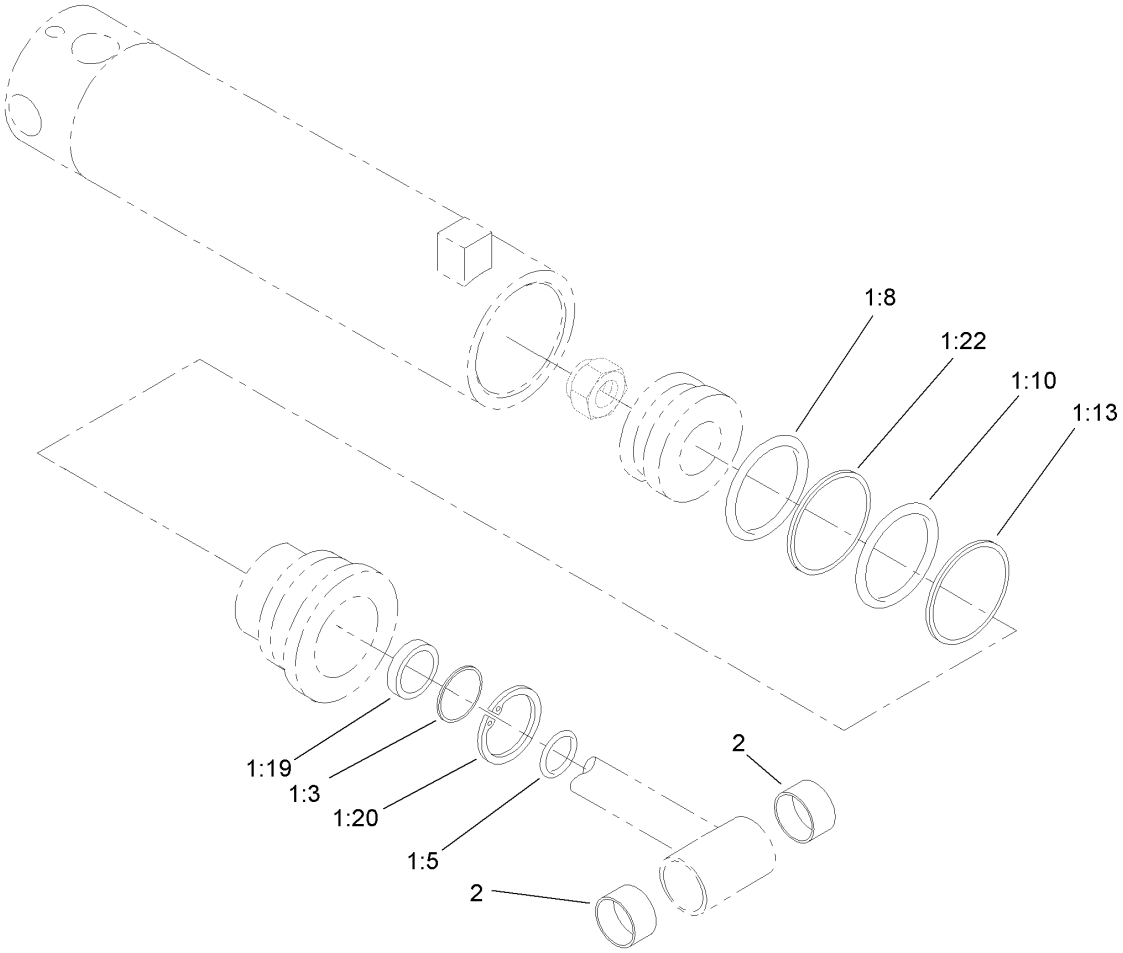
❶ Not illustrated

❷ Not serviced separately



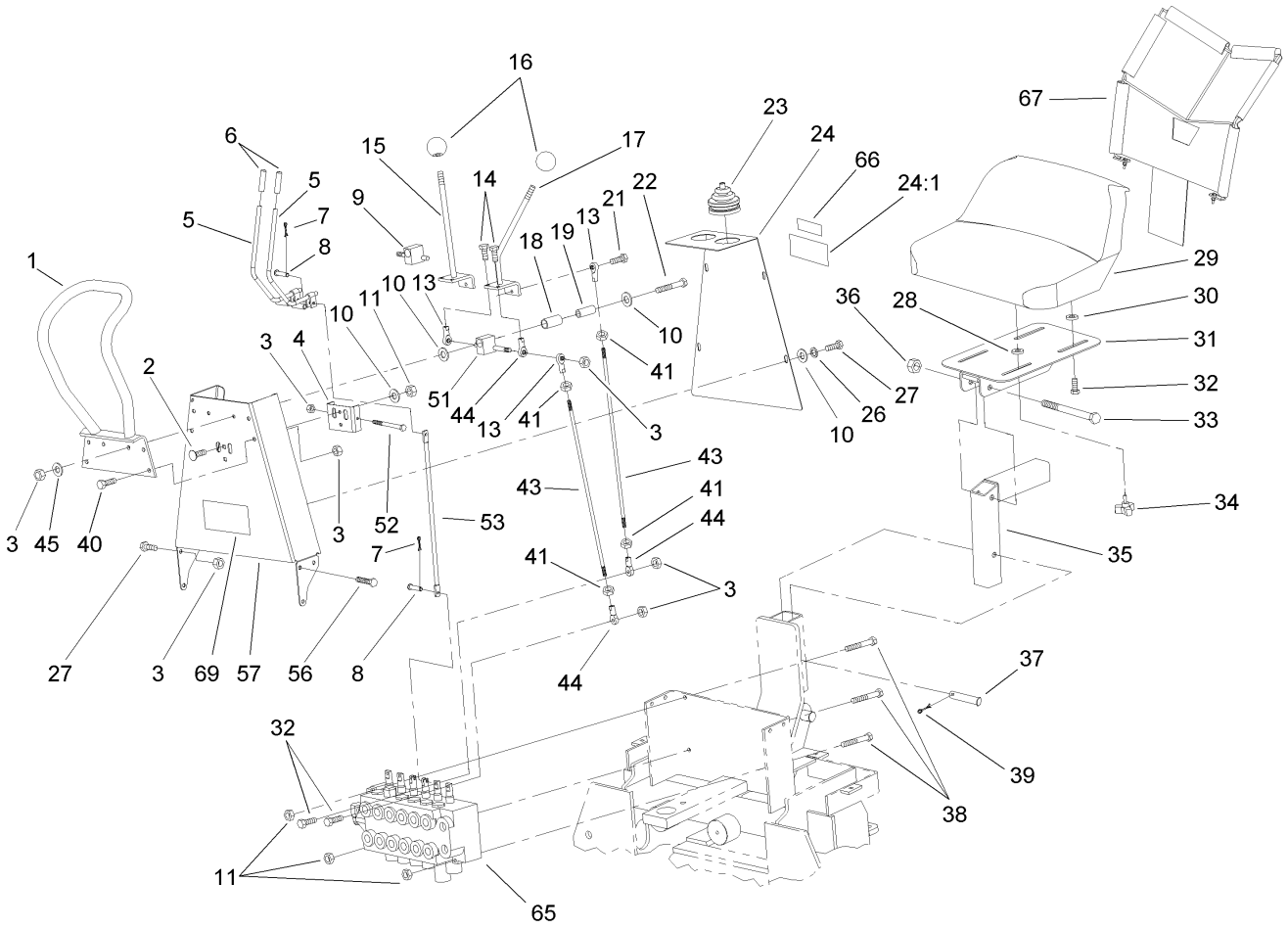
Main and Swing Frame Assembly

Ref	Part No.	Qty.	Description
1	107-9342	1	Pin-Hitch
2	107-9338	2	Bushing
3	108-1605	2	Bumper-Recess
4	3256-23	2	Washer-Flat
5	3253-4	2	Washer-Lock
6	3210-7	2	Screw-HH
7	322-32	2	Screw-HH
8	302-5	5	Fitting-Grease
9	108-5662	1	Upper Pivot Pin ASM
10	3296-4	2	Nut-Lock
11	108-5660	2	Swing Cylinder Pin ASM
12	107-9336	8	Spacer
15	108-5657	1	Pivot Pin ASM
16	86-1440	6	Washer-Flat
17	3272-22	4	Pin-Cotter
18	108-5658	2	Pin-Pivot
19	3272-30	2	Pin-Cotter
20	107-9495	1	Swing Frame ASM
23	107-9348	1	Washer-Thrust
27	107-9473	2	Hydraulic Cylinder ASM
30	302-11	2	Fitting-Lube, 45 DEG
32	107-9493	1	Main Frame ASM
32:1	100-7263	2	Decal-Warning
33	100-4134	2	Decal-Placement, Pin



Hydraulic Cylinder Assembly No. 107-9473

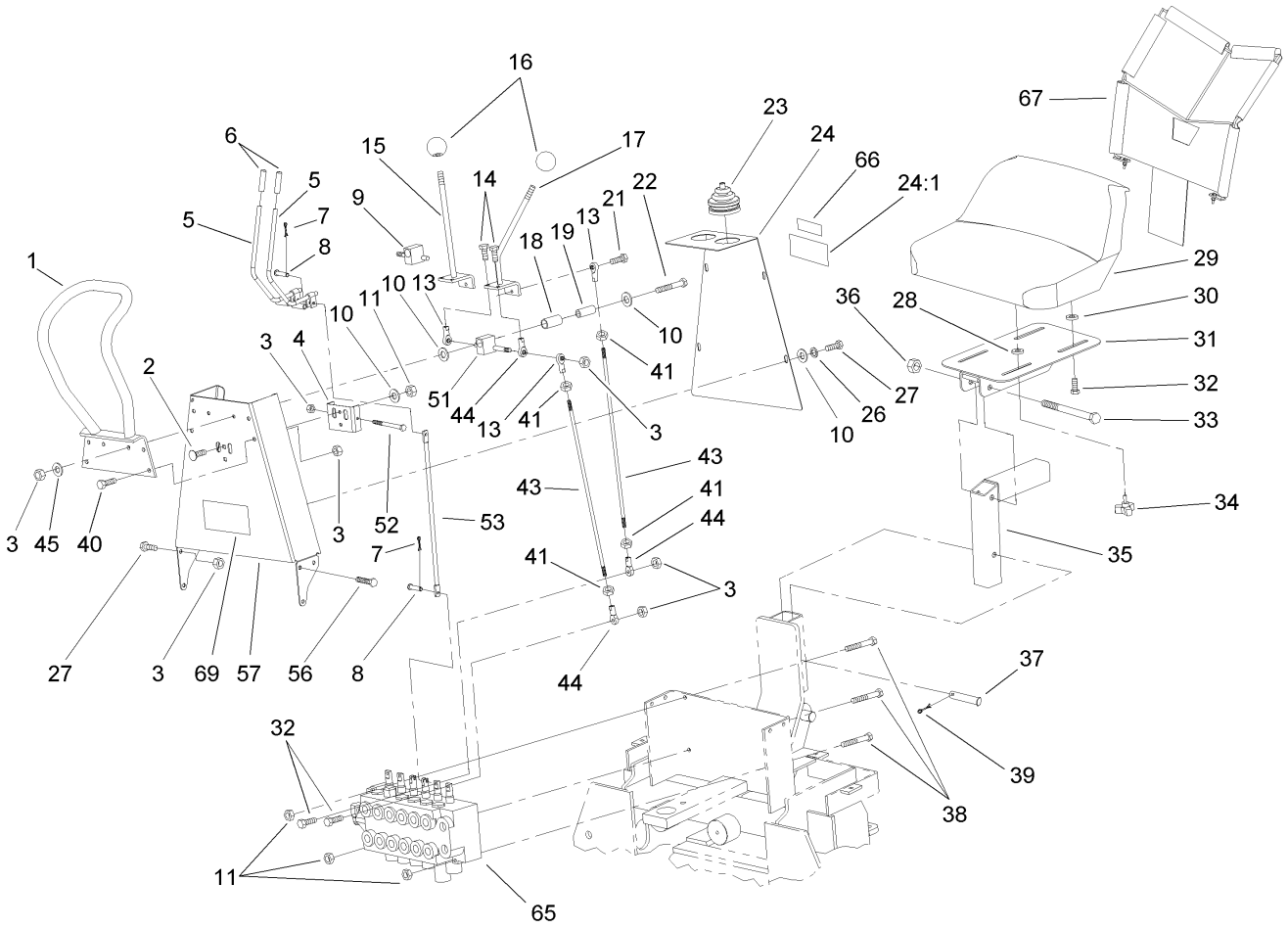
Ref	Part No.	Qty.	Description
1	108-5691	1	Cylinder Seal Kit
❷1:3		1	Seal-Wiper
❷1:5		1	O-Ring
❷1:8		1	O-Ring
❷1:10		1	O-Ring
❷1:13		1	Ring-Backup
❷1:19		1	Seal-Rod
❷1:20		1	Ring-Retaining
❷1:22		1	Ring-Piston
2	256-82	2	Bushing



Seat and Control Assembly

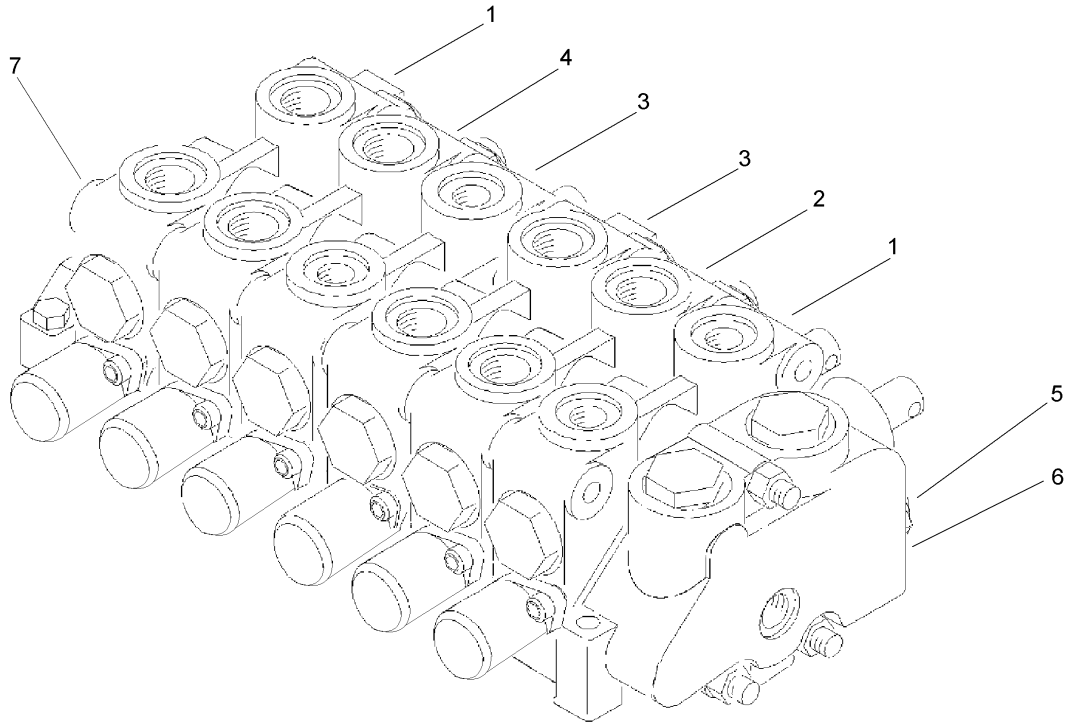
Ref	Part No.	Qty.	Description
1	107-9488	1	Reference Bar ASM
2	3230-1	2	Bolt-CARR
3	3296-4	16	Nut-Lock
4	108-5652	1	U-Bracket
5	107-9477	2	Stabilizer Rod ASM
6	107-9347	2	Cap-Rubber
7	3272-6	2	Pin-Cotter
8	100-3462	2	Pin-Clevis
9	107-9491	1	RH Pivot ASM
10	3256-23	10	Washer-Flat
11	3296-29	3	Nut-Lock, NI
13	107-9344	4	Joint-Articulated
14	3210-4	4	Screw-HH
15	107-9489	1	RH Control Handle ASM
16	107-9345	2	Knob-Ball
17	107-9490	1	LH Control Handle ASM
18	107-9337	2	Bushing-Bronze
19	108-5663	2	Bushing
21	3210-5	2	Screw-HH
22	322-32	1	Screw-HH
23	107-9346	2	Boot-Lever, Control
24	107-9334	1	Valve-Rear Plate, Cover
24:1	100-4133	1	Decal-Warning
26	3253-4	4	Washer-Lock

Ref	Part No.	Qty.	Description
27	3210-3	8	Screw-HH
28	109989	2	Spacer-Nylon
29	88-3950	1	Seat
30	92-6750	2	Spacer-Nylon
31	107-9485	1	Seat Plate ASM
32	92-6986	2	Bolt-Shoulder
33	325-14	1	Screw-HH
34	700806	2	Knob
35	107-9487	1	Seat Post ASM
36	3296-19	1	Nut-Hex
37	107-9339	1	Pin-Clevis
38	322-13	3	Screw-HH
39	3290-468	1	Pin-Cotter
40	323-46	4	Screw-HH
41	3219-2	8	Nut-Hex
43	107-9475	4	Rod-Control
44	1-543017	8	Balljoint-RH
45	3256-23	2	Washer-Flat
51	107-9492	1	LH Pivot ASM
52	3211-4	1	Screw-HH
53	107-9476	2	Rod-Stabilizer
56	3210-2	3	Screw-HH
57	107-9478	1	Front Shroud ASM
65	108-5680	1	Hydraulic Valve ASM



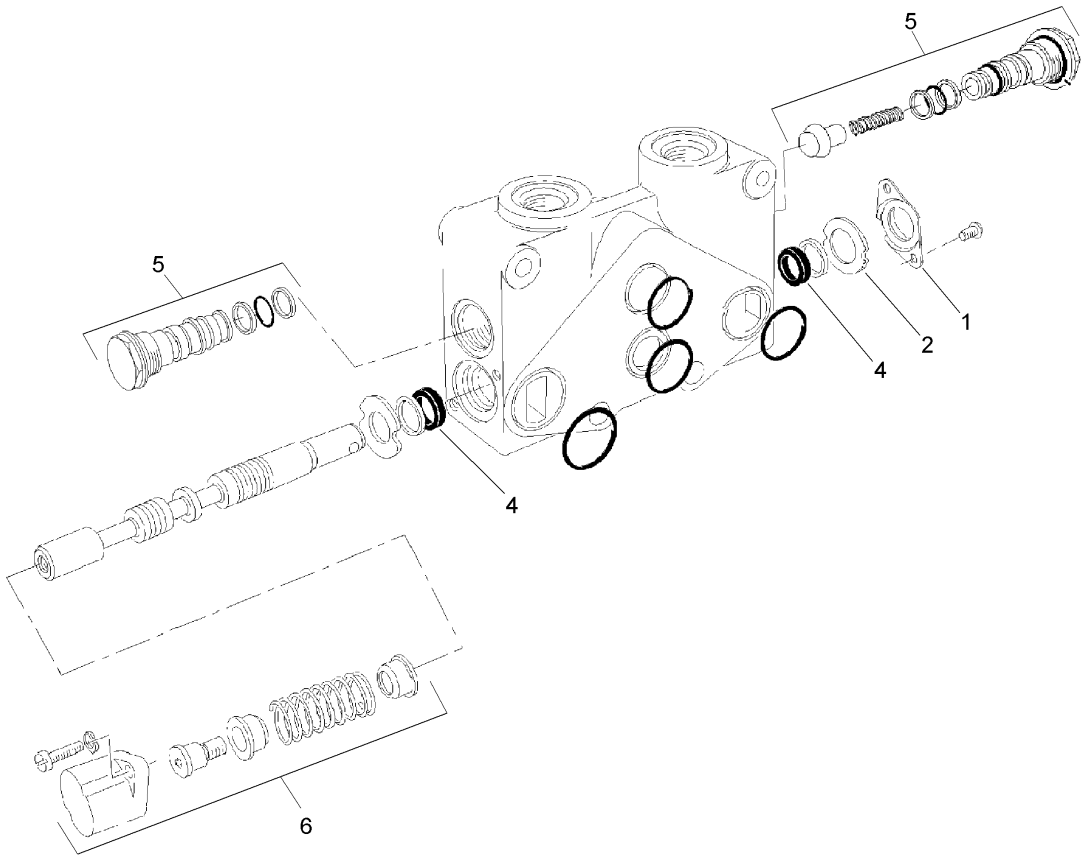
Seat and Control Assembly (continued)

Ref	Part No.	Qty.	Description
66	108-5693	1	Decal-Control
67	106-7630	1	Backhoe Shield Kit
69	62-7400	1	Decal



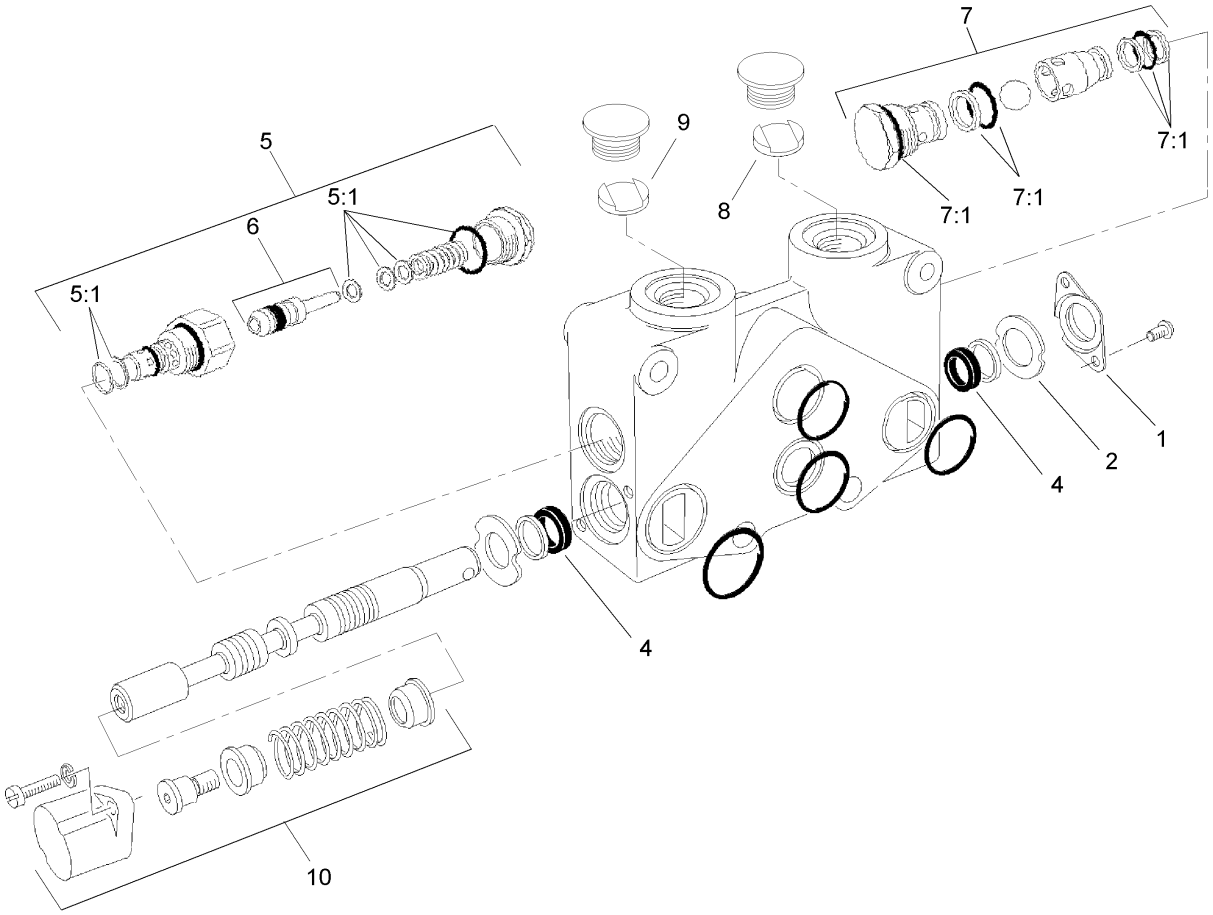
Hydraulic Valve Assembly 108-5680

Ref	Part No.	Qty.	Description
1	108-5694	2	Section-Bucket, Swing
2	108-5696	1	Section-Boom
3	108-5697	2	Section-Valve, Stabilizer
4	108-5695	1	Section-Dipper
5	108-5698	1	Valve-Relief
6	353-772	1	Cover-Left
7	110-0059	1	Cover-End, RH
❶99	110-0063	1	Section Seal Kit
❶99	110-0054	1	Valve Seal Kit
❶99	110-0052	1	Tie Rod Kit



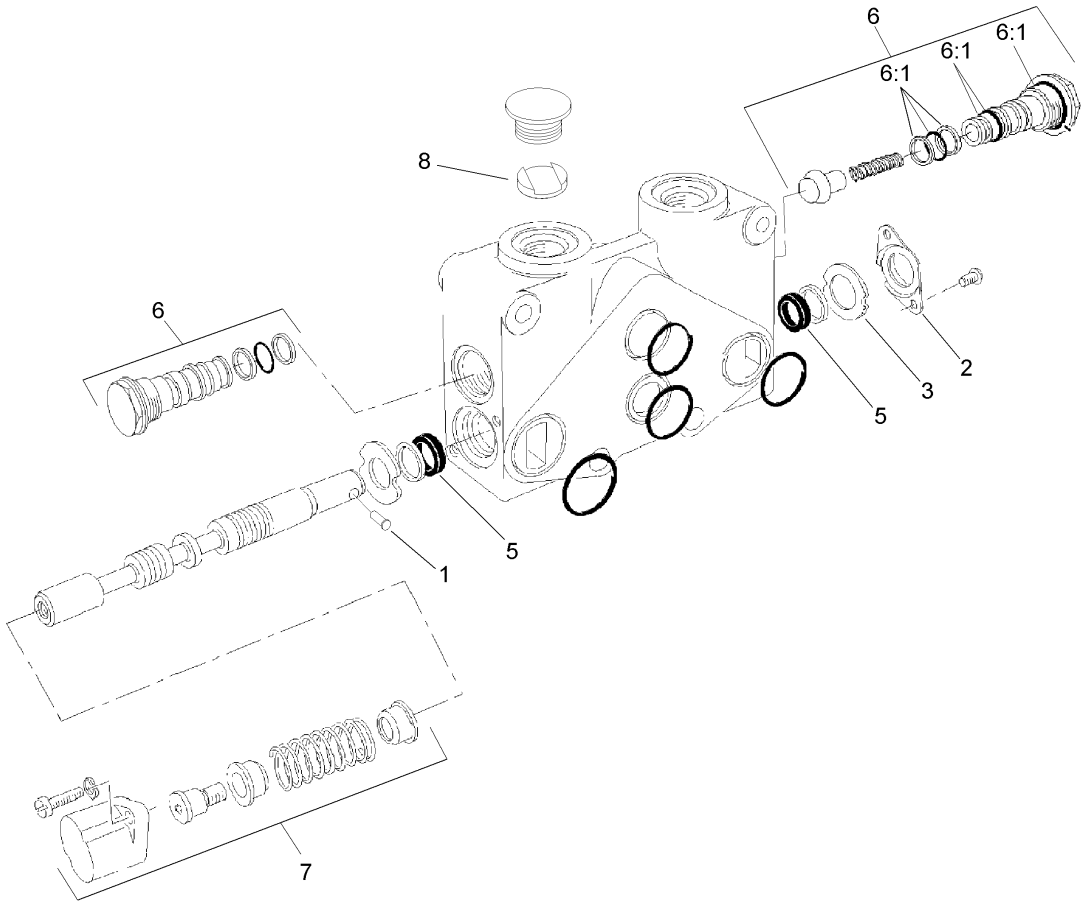
Valve Section Assembly No. 108-5694

Ref	Part No.	Qty.	Description
1	353-529	1	Plate-Retainer, Seal
2	353-959	2	Plate-Retainer, Seal
4	110-0062	1	Spool Seal Kit
5	110-0058	1	Cartridge-Check
5:1	110-0060	1	Cartridge Seal Kit
6	110-0050	1	Spool Positioner Kit
❶99	110-0061	1	Valve Section Seal Kit



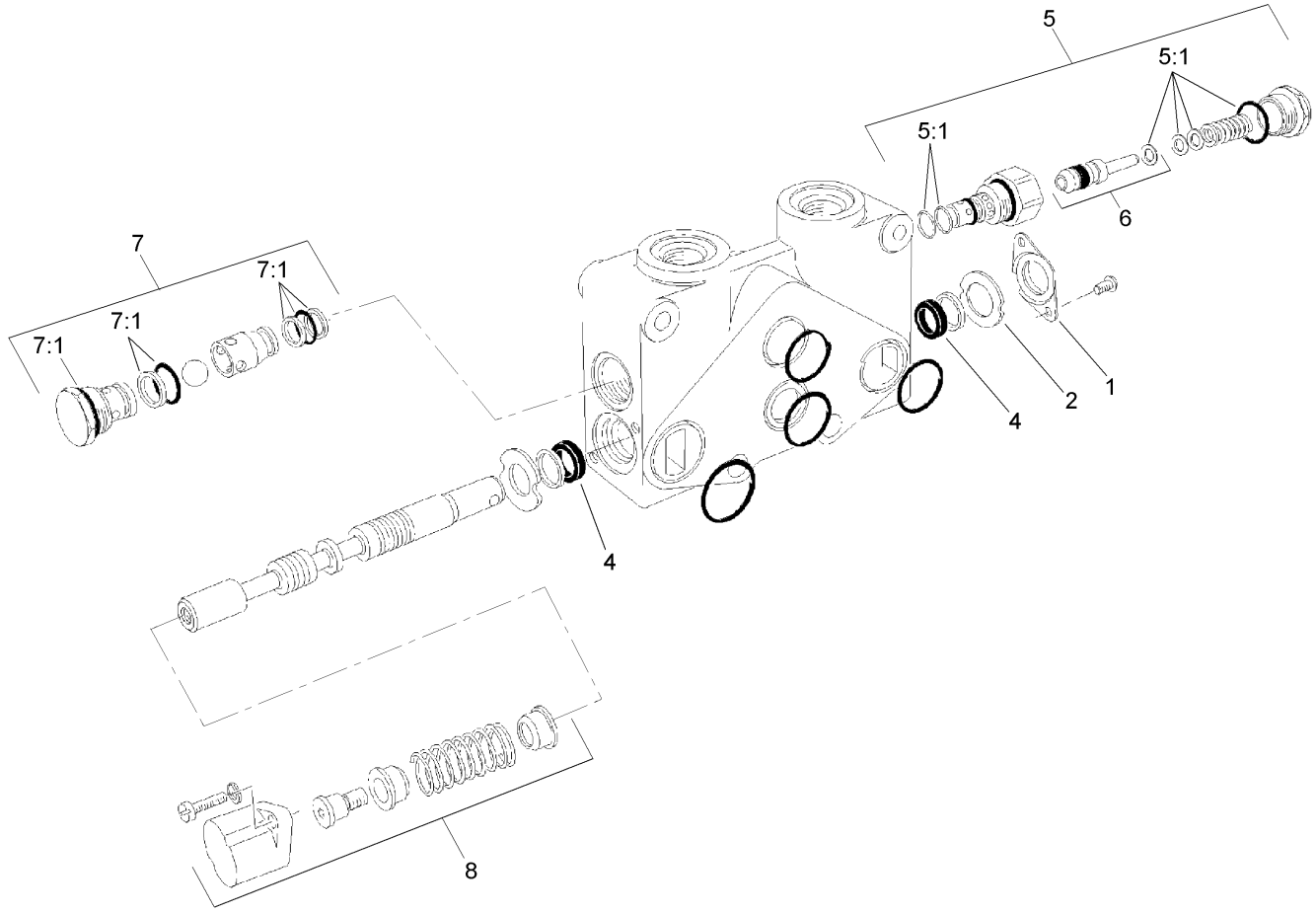
Valve Section Assembly No. 108-5696

Ref	Part No.	Qty.	Description
1	353-529	1	Plate-Retainer, Seal
2	353-959	2	Plate-Retainer, Seal
4	110-0062	1	Spool Seal Kit
5	110-0051	1	Cartridge-Relief
5:1	110-0060	1	Cartridge Seal Kit
6	353-742	1	Poppet Relief ASM
7	110-0057	1	Cartridge-Anticavitation
7:1	110-0060	1	Cartridge Seal Kit
8	110-0056	1	Restrictor (.062In)
9	110-0055	1	Restrictor (.100In)
10	110-0050	1	Spool Positioner Kit
❶99	110-0061	1	Valve Section Seal Kit



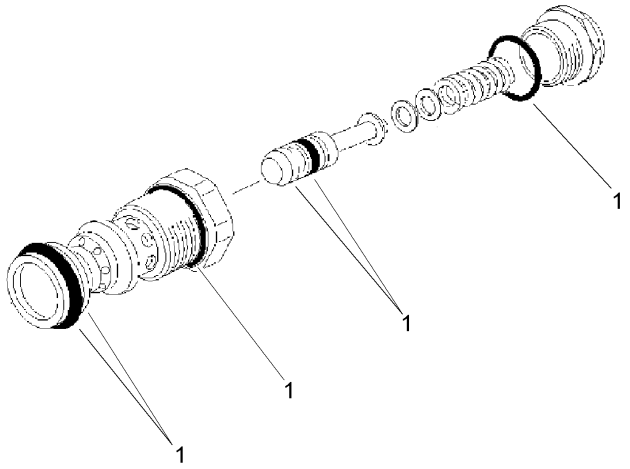
Valve Section Assembly No. 108-5697

Ref	Part No.	Qty.	Description
1	353-322	1	Pin
2	353-529	1	Plate-Retainer, Seal
3	353-959	2	Plate-Retainer, Seal
5	110-0062	1	Spool Seal Kit
6	110-0058	2	Cartridge-Check
6:1	110-0060	1	Cartridge Seal Kit
7	110-0050	1	Spool Positioner Kit
8	110-0056	1	Restrictor (.062In)
❶99	110-0061	1	Valve Section Seal Kit



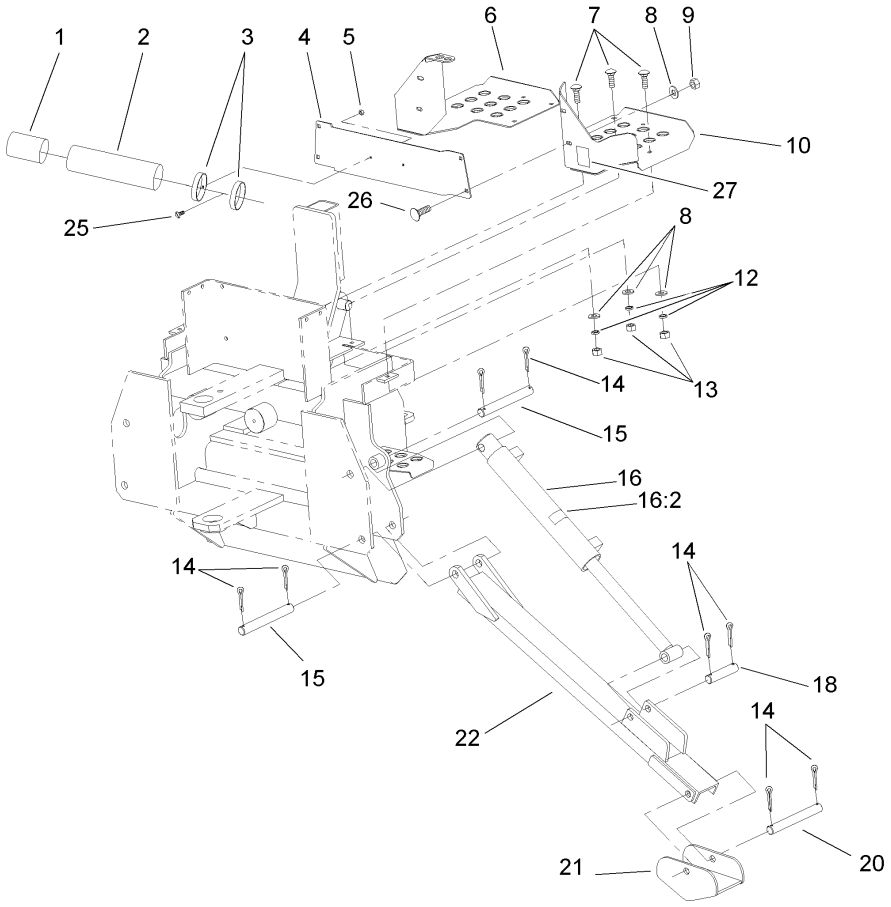
Valve Section Assembly No. 108-5695

Ref	Part No.	Qty.	Description
1	353-529	1	Plate-Retainer, Seal
2	353-959	2	Plate-Retainer, Seal
4	110-0062	1	Spool Seal Kit
5	110-0051	1	Cartridge-Relief
5:1	110-0060	1	Cartridge Seal Kit
6	353-742	1	Poppet Relief ASM
7	110-0057	1	Cartridge-Anticavitation
7:1	110-0060	1	Cartridge Seal Kit
8	110-0050	1	Spool Positioner Kit
❶99	110-0061	1	Valve Section Seal Kit



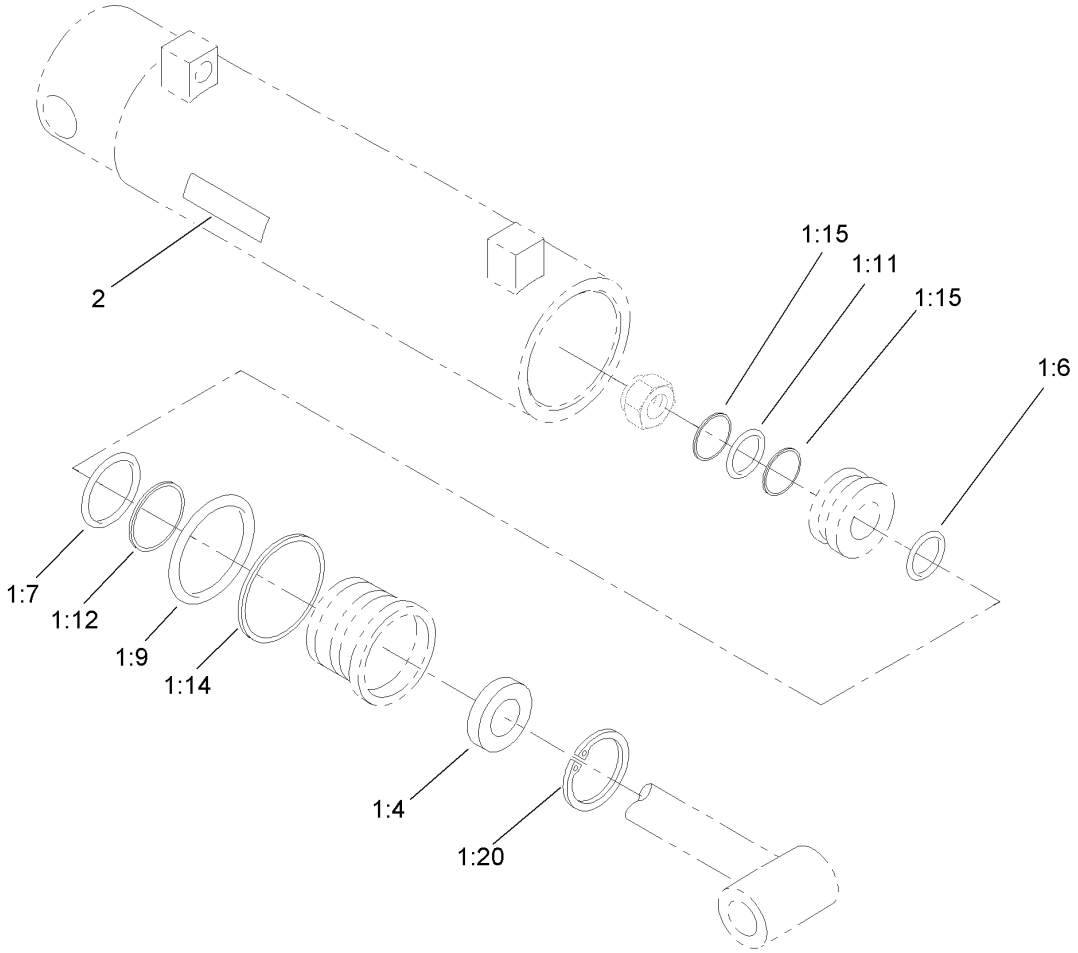
Relief Valve Assembly 108-5698

Ref	Part No.	Qty.	Description
1	110-0053	1	Relief Seal Kit



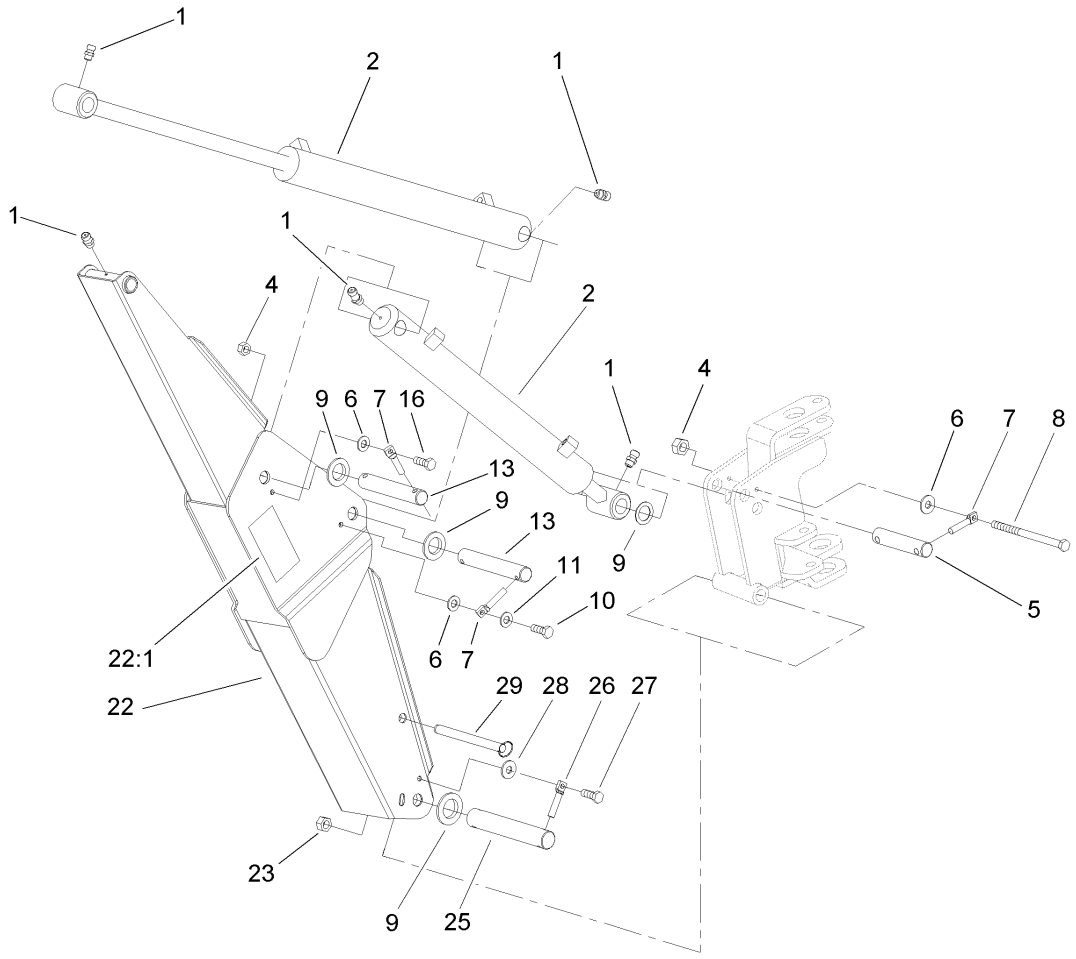
Stabilizer Leg Assembly

Ref	Part No.	Qty.	Description
1	104-7048	1	Cap-Housing
2	104-7050	1	Housing-Manual
3	2412-120	2	R-Clamp
4	107-9484	1	Plate-Cover, Valve
5	3296-2	2	Nut-Lock
6	107-9498	1	Plate-Floor, RH
7	3230-2	6	Bolt-CARR
8	3256-23	10	Washer-Flat
9	3296-29	4	Nut-Lock, NI
10	107-9499	1	Plate-Floor, LH
12	3253-4	6	Washer-Lock
13	3217-6	6	Nut-Hex
14	3272-22	16	Pin-Cotter
15	108-5659	4	Pin-Pivot
16	107-9474	2	Hydraulic Cylinder ASM
18	108-5661	2	Pin-Pivot
20	108-5650	2	Pin ASM
21	107-9497	2	Stabilizer Pad ASM
22	107-9496	2	Stabilizer Leg ASM
25	1-803071	2	Screw
26	3230-1	4	Bolt-CARR
27	108-5665	1	Decal-I/O, Valve



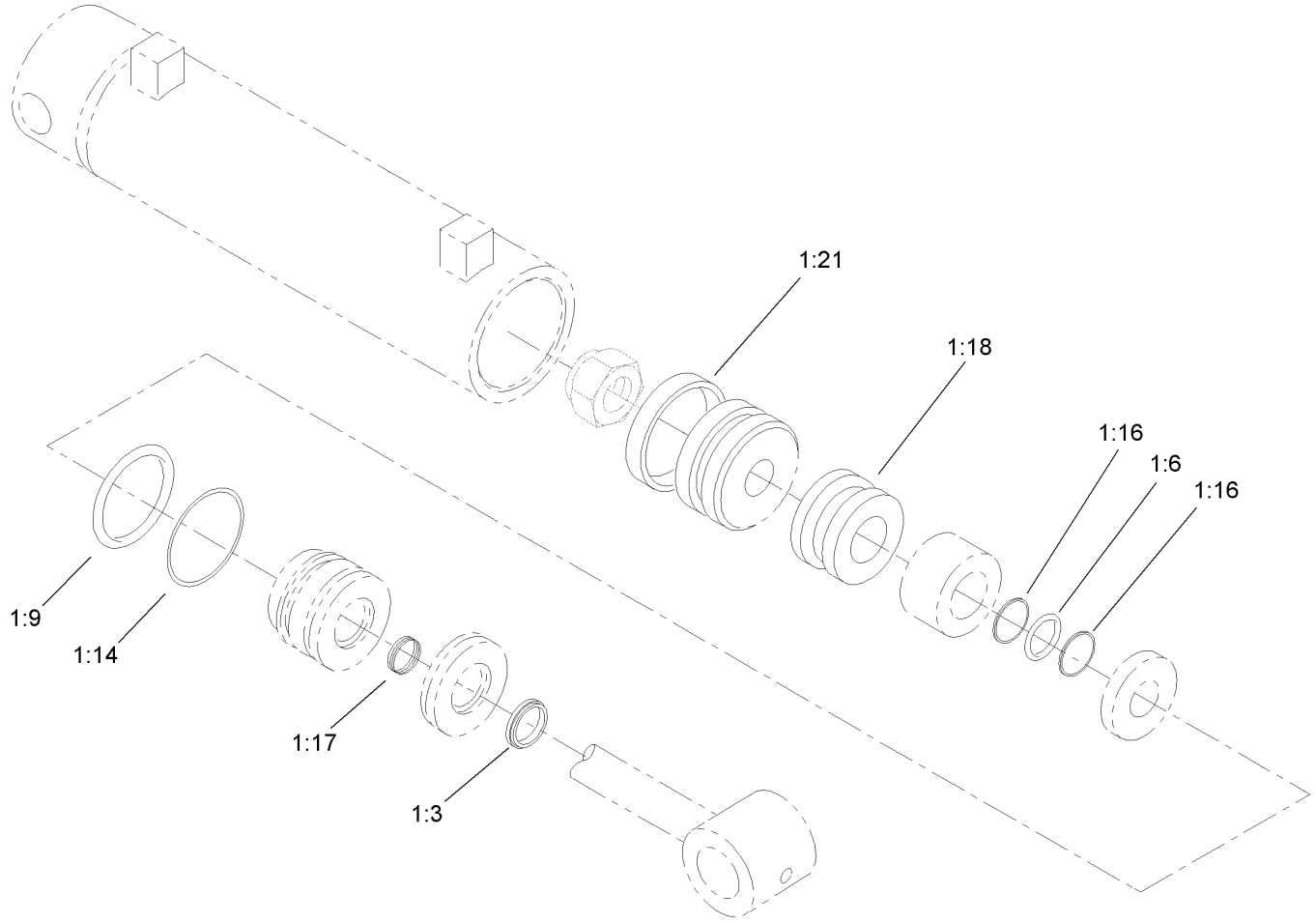
Hydraulic Cylinder Assembly No. 107-9474

Ref	Part No.	Qty.	Description
1	108-5690	1	Cylinder Seal Kit
❷1:4		1	Seal-Wiper
❷1:6		1	O-Ring
❷1:7		1	O-Ring
❷1:9		1	O-Ring
❷1:11		1	O-Ring
❷1:12		1	Ring-Backup
❷1:14		1	Ring-Backup
❷1:15		2	Ring-Backup
❷1:20		1	Ring-Retaining
2	100-4136	1	Decal-Warning



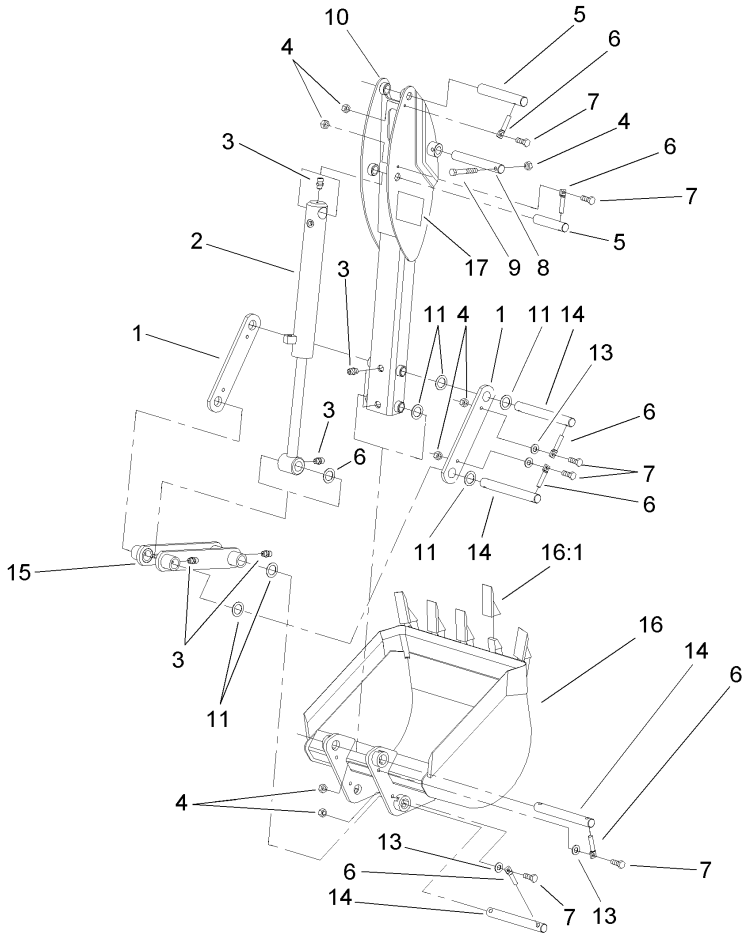
Boom Assembly

Ref	Part No.	Qty.	Description
1	302-5	5	Fitting-Grease
2	107-9472	2	Hydraulic Cylinder ASM
4	3296-4	2	Nut-Lock
5	108-5651	1	Pin-Pivot
6	3256-23	8	Washer-Flat
7	107-9340	6	Pin-Retainer, Small
8	105-3692	1	Screw-HH
9	3256-42	10	Washer-Flat
10	3210-6	6	Screw-HH
11	3253-4	2	Washer-Lock
13	108-5653	2	Pin-Pivot
16	3210-3	1	Screw-HH
22	107-9494	1	Boom ASM
22:1	100-4132	2	Decal-Warning
23	3296-6	6	Nut-Lock
25	108-5664	1	Pin-Pivot
26	107-9341	2	Pin-Retainer, Large
27	323-46	2	Screw-HH
28	3256-24	6	Washer-Flat
29	107-9343	1	Pin-Hitch



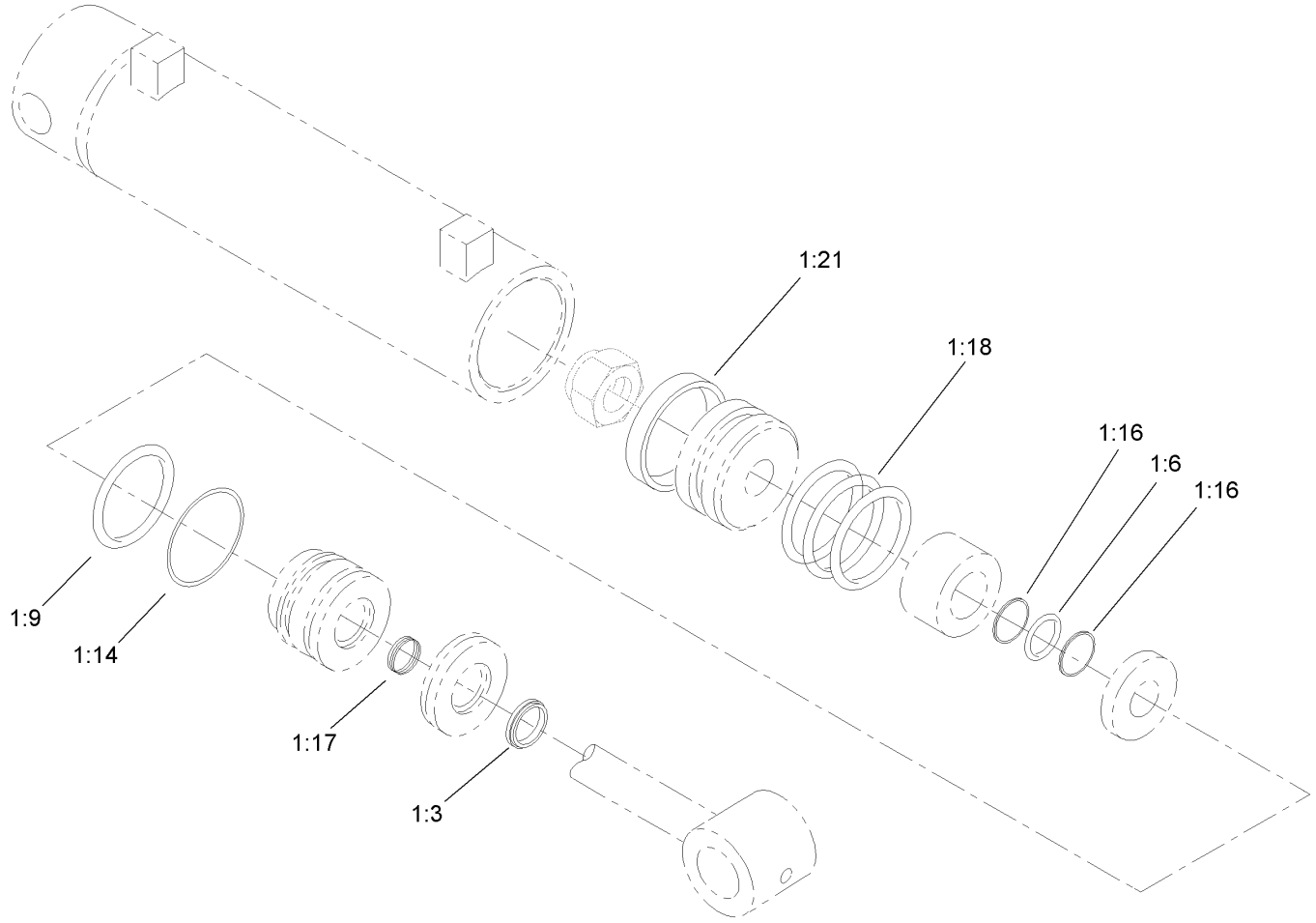
Hydraulic Cylinder Assembly No. 107-9472

Ref	Part No.	Qty.	Description
1	108-5689	1	Cylinder Seal Kit
❷1:3		1	Seal-Wiper
❷1:6		1	O-Ring
❷1:9		1	O-Ring
❷1:14		1	Ring-Backup
❷1:16		2	Ring-Backup
❷1:17		1	Packing Assembly
❷1:18		1	Packing Assembly
❷1:21		1	Ring-Wear



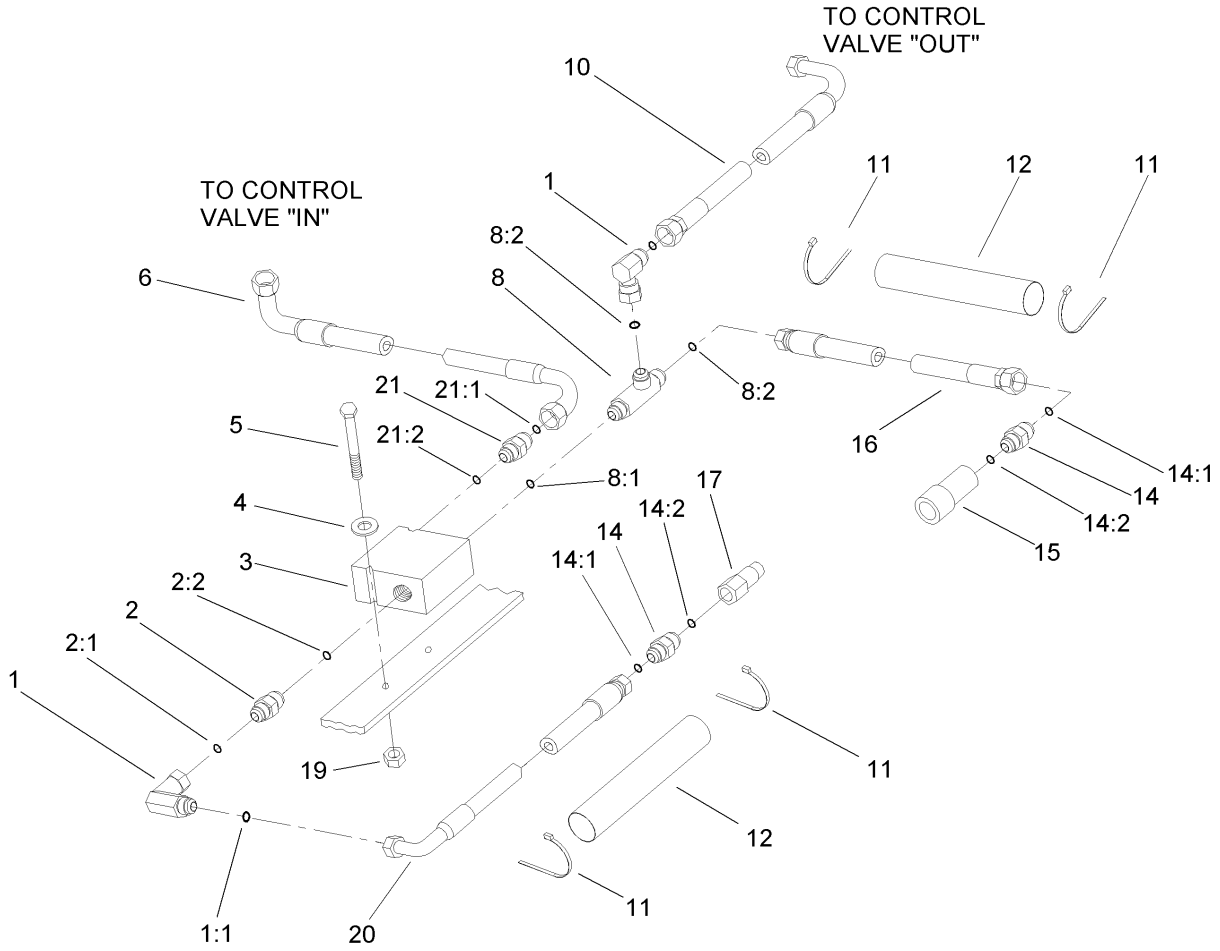
Bucket and Dipperstick Assembly

Ref	Part No.	Qty.	Description
1	107-9481	2	Link-Guide, Bucket
2	107-9471	1	Hydraulic Cylinder ASM
3	302-5	6	Fitting-Grease
4	3296-4	7	Nut-Lock
5	108-5656	2	Pin-Pivot
6	107-9340	12	Pin-Retainer, Small
7	3210-4	6	Screw-HH
8	108-5655	1	Pin-Pivot
9	322-32	1	Screw-HH
10	107-9483	1	Dipperstick ASM
11	3256-42	10	Washer-Flat
13	3256-23	6	Washer-Flat
14	107-9349	4	Pin ASM
15	107-9479	1	Bucket Link ASM
16	108-5683	1	13 Inch Backhoe Bucket ASM
16:1	108-5692	3	Tooth-Bucket
17	62-7400	2	Decal



Hydraulic Cylinder Assembly No. 107-9471

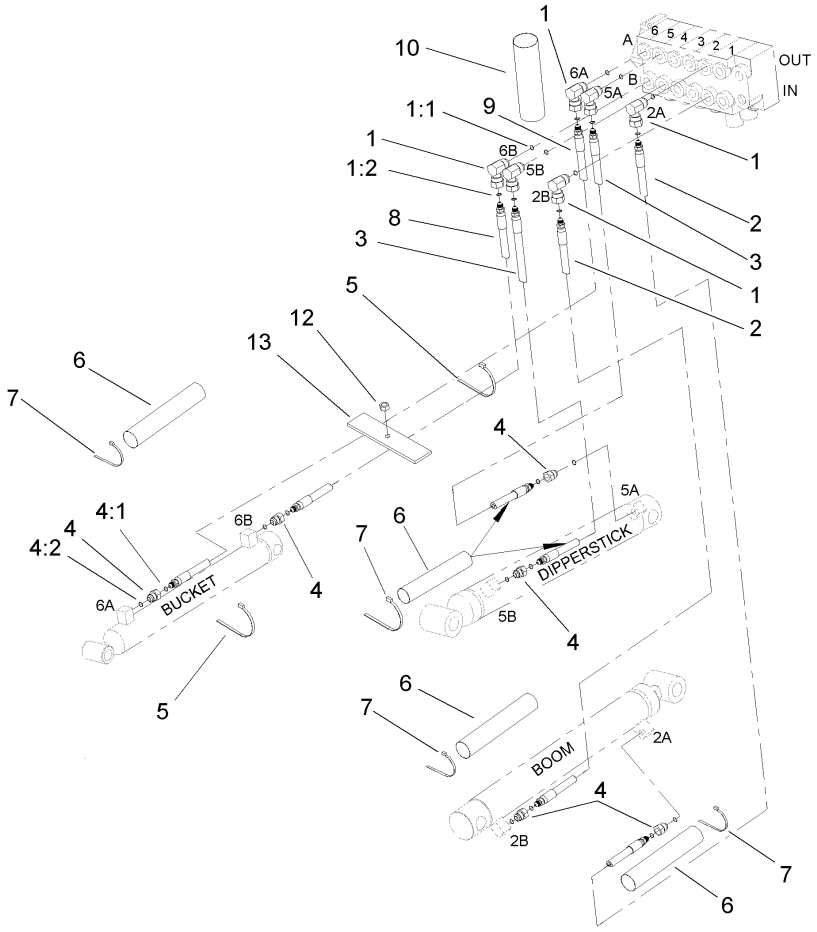
Ref	Part No.	Qty.	Description
1	108-5689	1	Cylinder Seal Kit
❷1:3		1	Seal-Wiper
❷1:6		1	O-Ring
❷1:9		1	O-Ring
❷1:14		1	Ring-Backup
❷1:16		2	Ring-Backup
❷1:17		1	Packing Assembly
❷1:18		1	Packing Assembly
❷1:21		1	Ring-Wear



Auxiliary Hydraulic Connection Assembly

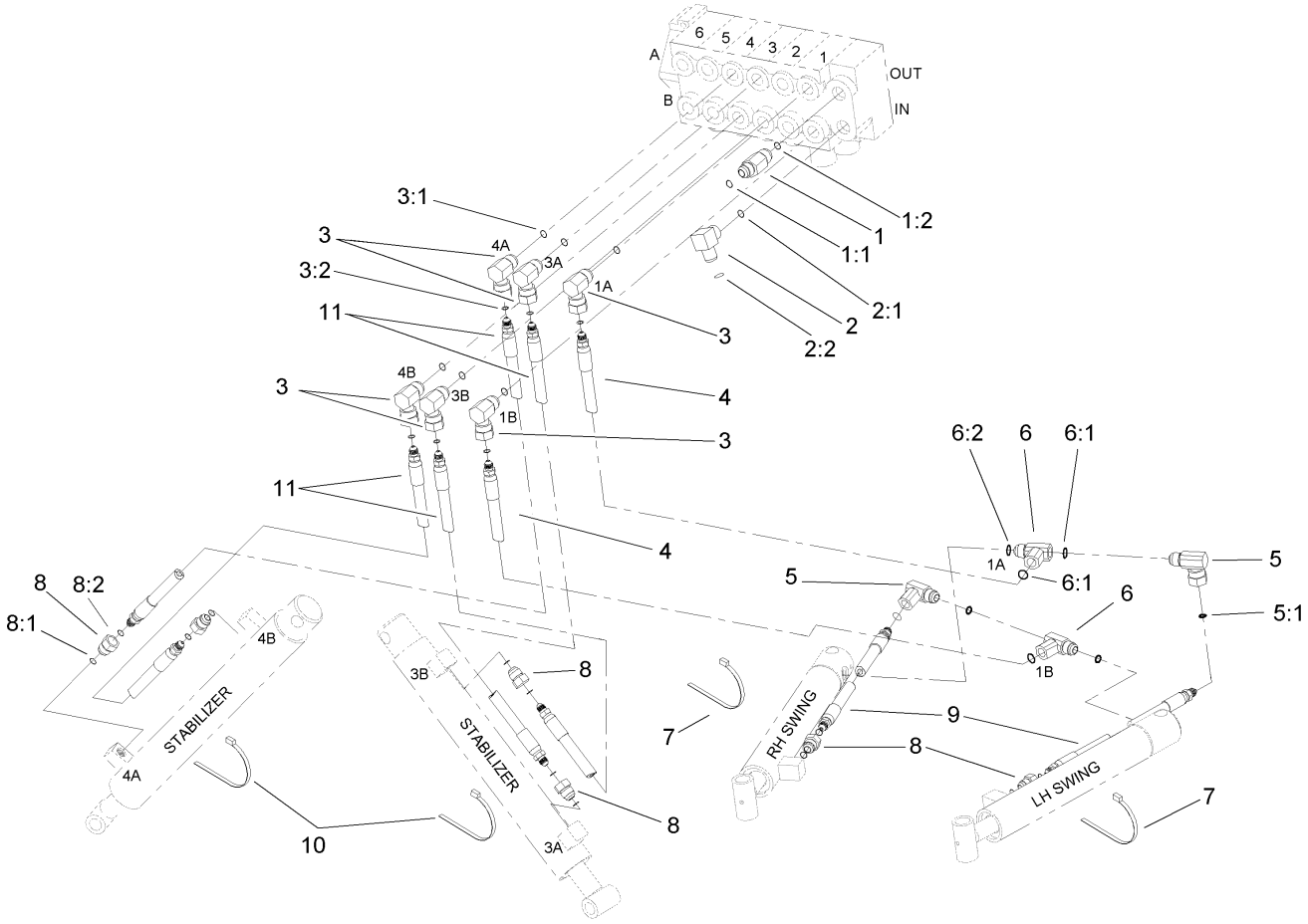
Ref	Part No.	Qty.	Description
1	94-6031	2	Fitting-HYD
1:1	237-30	1	O-Ring
2	340-4	1	Fitting-HYD, Straight
2:1	237-30	1	O-Ring
2:2	237-79	1	O-Ring
3	108-5681	1	Divider-Flow
4	3256-2	2	Washer-Flat
5	321-11	2	Screw-HH
6	108-5676	1	Hydraulic Hose ASM
8	110-0064	1	Fitting-Tee
8:1	237-30	2	O-Ring
8:2	237-42	1	O-Ring
10	108-5677	1	Hydraulic Hose ASM
11	3290-379	4	Tie-Cable
12	108-5668	2	Sleeve-Hose
14	340-6	2	Fitting-HYD, Straight
14:1	237-30	1	O-Ring
14:2	237-80	1	O-Ring
15	104-6134	1	Coupler-Face, Flush
❶15:1	105-8396	1	Seal Kit
16	108-5678	1	Hydraulic Hose ASM
17	100-4701	1	Nipple-Connect, Pressure
❶17:1	100-6120	1	Seal Kit
19	3296-42	2	Nut-Lock, NI

Ref	Part No.	Qty.	Description
20	108-5679	1	Hydraulic Hose ASM
21	340-5	1	Fitting-Straight
21:1	237-42	1	O-Ring
21:2	237-30	1	O-Ring



Boom, Bucket and Dippersticker Hydraulic Assembly

Ref	Part No.	Qty.	Description
1	108-5687	6	Fitting-Elbow 90
1:1	237-79	1	O-Ring
1:2	237-21	1	O-Ring
2	108-5672	2	Hydraulic Hose ASM
3	108-5675	2	Hydraulic Hose ASM
4	340-1	6	Adapter
4:1	237-21	1	O-Ring
4:2	237-42	1	O-Ring
5	3334-945	2	Tie-Cable
6	108-5667	5	Sleeve-Hose
7	3290-379	4	Tie-Cable
8	108-5673	1	Hydraulic Hose ASM
9	108-5674	1	Hydraulic Hose ASM
10	108-5666	1	Sleeve-Hose
12	3296-4	2	Nut-Lock
13	107-9482	2	Retainer-Hose



Stablilzer and Swing Hydraulic Assembly

Ref	Part No.	Qty.	Description
1	340-6	1	Fitting-HYD, Straight
1:1	237-30	1	O-Ring
1:2	237-80	1	O-Ring
2	340-105	1	Fitting-HYD, 90 DEG
2:1	237-80	1	O-Ring
2:2	237-30	1	O-Ring
3	108-5687	6	Fitting-Elbow 90
3:1	237-79	1	O-Ring
3:2	237-21	1	O-Ring
4	108-6508	2	Hose ASM
5	92-2745	2	Fitting-Adaptor
5:1	237-21	1	O-Ring
6	108-5688	2	Fitting-Tee
6:1	237-21	2	O-Ring
6:2	237-42	1	O-Ring
7	3290-379	2	Tie-Cable
8	340-1	6	Adapter
8:1	237-21	1	O-Ring
8:2	237-42	1	O-Ring
9	108-1535	2	Hydraulic Hose ASM
10	3334-945	2	Tie-Cable
11	108-5671	4	Hydraulic Hose ASM

Attachments and Accessories

For 23163 - Backhoe, Compact Utility Loader

Product Name	Model/Part
9 Inch Backhoe Bucket	110-0065
16 Inch Backhoe Bucket	110-0066
Fit Up Kit	23161
TX Fit Up Kit	23162

NOTES


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