Form No. 3324–169

Backhoe

For Dingo® Compact Utility Loader

Model No. 22412—200000001 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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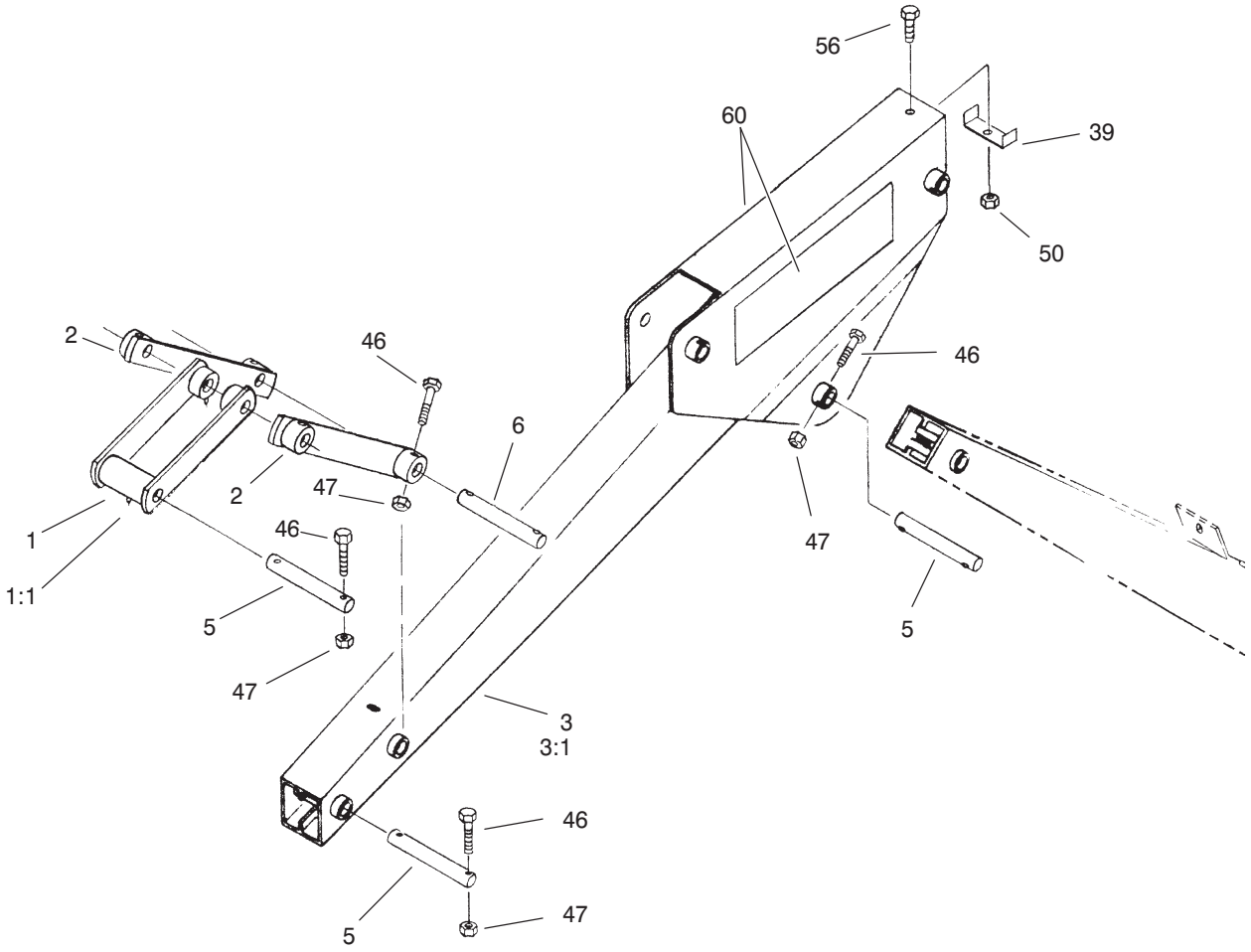
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head



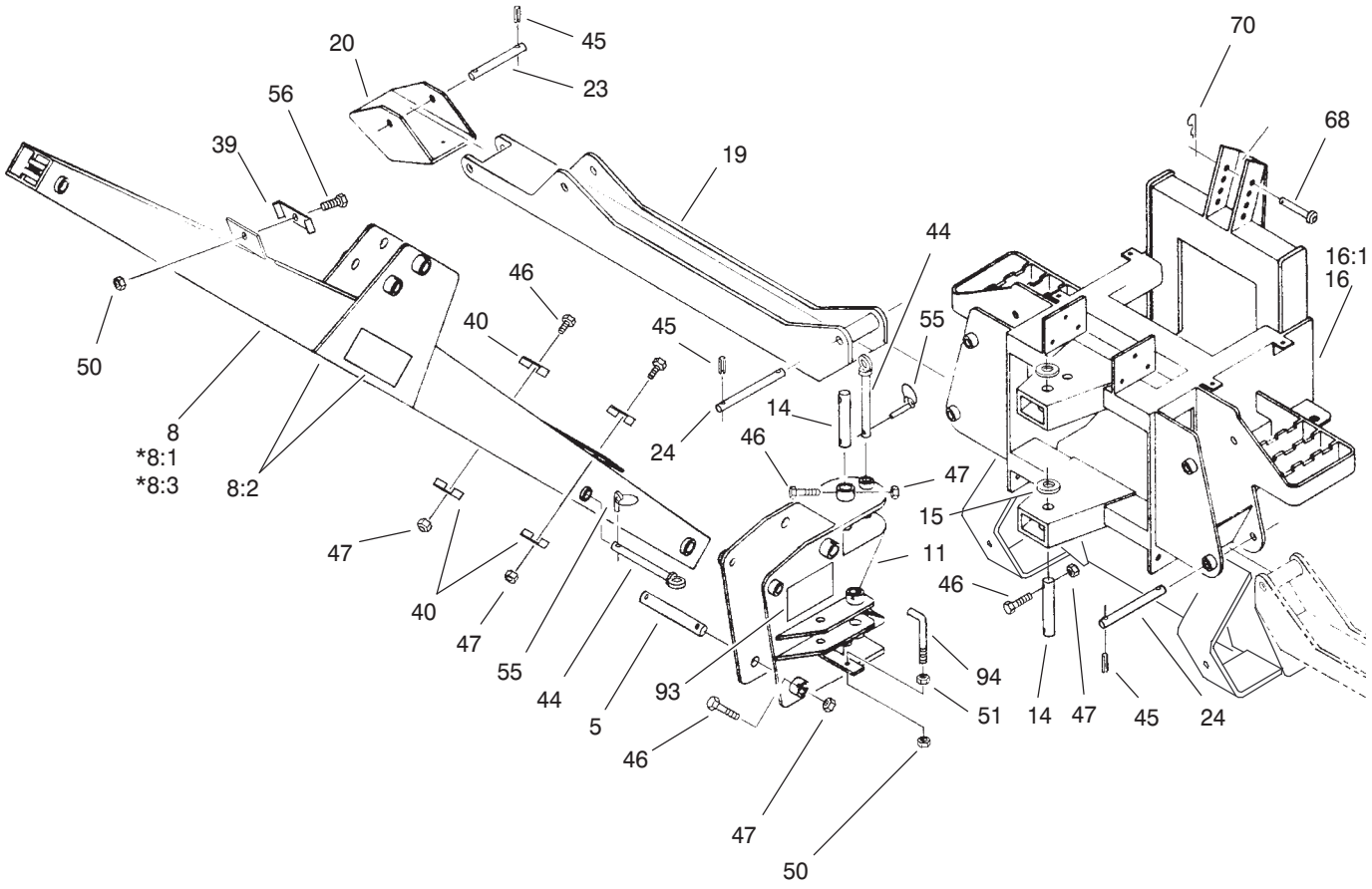
C–2901

Crowd Arm and Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	100–7163	1	Linkage ASM
1:1	302–19	3	Fitting – Grease
2	100–7160	2	Linkage Strap ASM
3	100–7155	1	Crowd Arm ASM
*3:1	302–19	2	Fitting – Grease
5	100–7170	5	Pin–Bucket
6	100–7171	2	Pin–Linkage
39	100–7183	1	Bracket–Hose Boom
50	3296–29	19	Nut–Lock,NI
46	321–33	36	Screw–HH
47	32146–17	44	Nut–Lock
56	322–7	1	Screw–HH
60	100–4761	2	Decal – Front

Ref. No.	Part No.	Qty.	Description

* Not illustrated



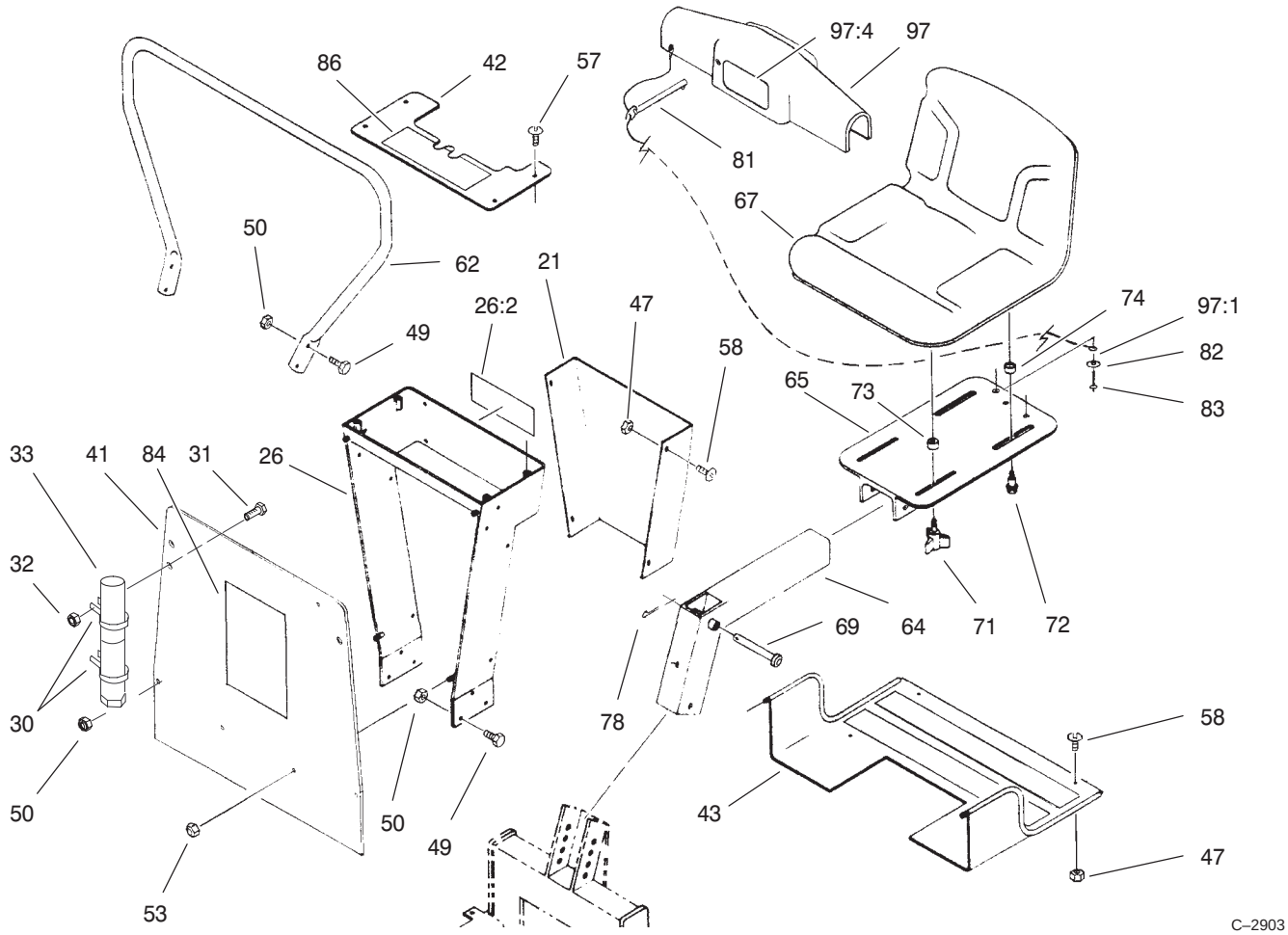
C–2902

Frame, Boom and Stabilizer Assembly

Ref. No.	Part No.	Qty.	Description
5	100–7170	5	Pin–Bucket
8	100–7215	1	Boom ASM
*8:1	302–19	1	Fitting – Grease
8:2	100–4132	2	Decal–Warning
*8:3	302–60	1	Fitting–Lube
11	100–7156	1	Swivel ASM
14	100–7175	2	Pin–Pivot
15	100–7187	2	Washer–Thrust
16	100–7151	1	Box Frame ASM
*16:1	302–19	2	Fitting – Grease
19	100–7153	2	Stabilizer ASM
20	100–7161	2	Stabilizer Foot ASM
23	100–7184	2	Pin–Stabilizer Foot
24	100–7185	4	Pin–Stabilizer
39	100–7183	1	Bracket–Hose Boom
40	100–7182	4	Bracket–Hose Pivot
44	100–7164	2	Lock Pin ASM
45	32121–15	A/R	Pin–Roll
46	321–33	A/R	Screw–HH
47	32146–17	A/R	Nut–Lock
50	3296–29	A/R	Nut–Lock,NI
51	3217–6	2	Nut–Hex
55	283–72	2	Pin–Lynch
56	322–7	1	Screw–HH
68	100–7209	1	Pin–Clevis
70	3290–355	1	Hairpin

Ref. No.	Part No.	Qty.	Description
93	100–4134	2	Decal–Pin Placement
94	100–7222	2	Bracket–Hose Pivot

* Not illustrated

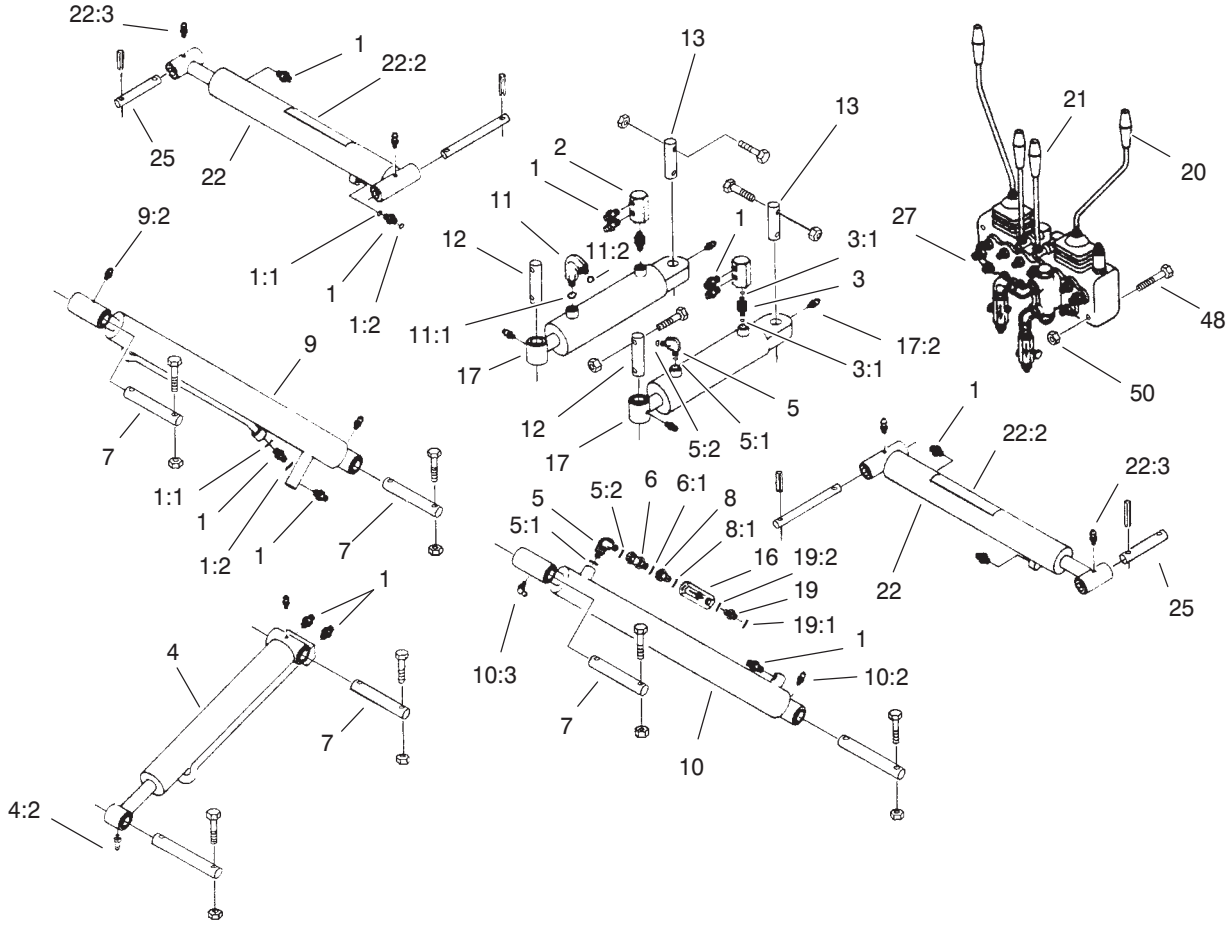


Seat and Mounting Assembly

Ref. No.	Part No.	Qty.	Description
21	100–7166	1	Guard–Hose
26	100–7207	1	Valve Mount ASM
26:2	100–4133	1	Decal–Warning
30	2412–120	2	R–Clamp
31	32104–19	2	Screw
32	3296–2	2	Nut–Lock
33	74–0720	1	Tube–Manual
41	100–7165	1	Panel–Front
42	100–7169	1	Cover–Valve
43	100–7162	1	Foot Plate ASM
47	32146–17	A/R	Nut–Lock
49	322–3	10	Screw–HH
50	3296–29	A/R	Nut–Lock,NI
53	3296–17	4	Nut–Lock NI
57	3258–2	4	Screw
58	3290–133	8	Screw
62	100–7167	1	Handle–Guard
64	100–7157	1	Seat Mount ASM
65	100–7158	1	Seat Plate ASM
67	88–3950	1	Seat – Medium Back
69	100–7208	1	Pin–Clevis
71	700806	2	Knob
72	92–6986	2	Bolt – Shoulder
73	92–6750	2	Spacer – Nylon
74	109989	2	Spacer – Nylon
78	3272–31	1	Pin–Cotter

Ref. No.	Part No.	Qty.	Description
81	100–7180	1	Pin–Cotterless
82	920270	2	Washer
83	3269–4	2	Rivet–Pop
84	100–4762	1	Decal – Side
86	100–4138	1	Decal–Panel,Control
97	100–7181	1	Backhoe Clip ASM
97:1	100–7179	1	Lanyard
*97:2	100–7180	1	Pin–Cotterless
97:4	100–4137	2	Decal–Clip
*97:5	920270	1	Washer
*97:6	3269–4	1	Rivet–Pop

* Not illustrated

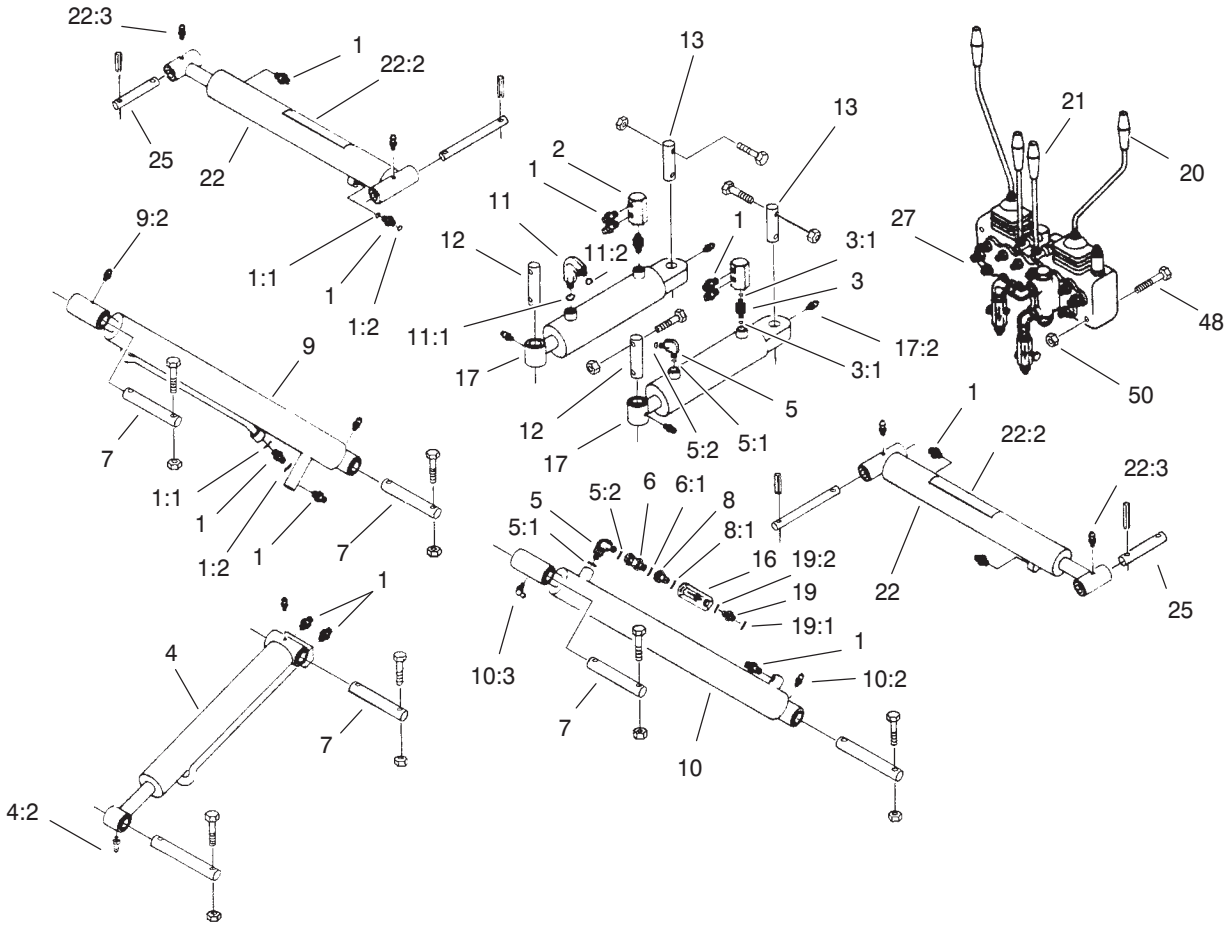


C–2904

Cylinder and Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	340–92	13	Fitting
1:1	237–78	1	O–Ring
1:2	237–21	1	O Ring
2	100–7178	2	Fitting–Hex
3	93–7597	2	Fitting
3:1	237–78	2	O–Ring
4	100–7204	1	Cyl.–Hyd., Bucket
*4:1	100–7220	1	Seal Kit
4:2	302–19	2	Zerk–Grease
5	340–132	2	90 Elbow
5:1	237–78	1	O–Ring
5:2	237–21	1	O Ring
6	100–7211	1	Fitting–Straight Swivel
6:1	237–78	1	O–Ring
7	100–7172	4	Pin–Boom
8	100–7216	1	Fitting–Reducer
8:1	237–42	1	O–Ring
9	100–7202	1	Cyl.–Hyd., Crowd Arm
*9:1	100–7220	1	Seal Kit
9:2	302–19	2	Zerk–Grease
10	100–7203	1	Cylinder–Hyd., Boom
*10:1	100–7220	1	Seal Kit
10:2	302–19	1	Zerk–Grease
10:3	302–60	1	Zerk–Grease, 90 DEG

Ref. No.	Part No.	Qty.	Description
11	100–7213	1	Fitting–90 Elbow Long
11:1	237–78	1	O–Ring
11:2	237–35	1	O–Ring
12	100–7173	2	Pin–Swivel, Front
13	100–7174	2	Pin–Swivel, Rear
16	98–9742	3	Valve – Flow Control
17	100–7201	2	Cylinder–Hyd., Swing
*17:1	100–7221	1	Seal Kit
17:2	302–19	2	Zerk–Grease
19	340–1	1	Adapter
19:1	237–35	1	O–Ring
19:2	237–42	1	O–Ring
20	100–7168	2	Bent Handle ASM
21	100–7206	2	Straight Handle ASM
22	100–7217	2	Stabilizer Cyl. ASM
*22:1	100–7220	1	Seal Kit
22:2	100–4136	2	Decal–Warning
22:3	302–19	2	Zerk–Grease
25	100–7186	2	Pin–Stabilizer Cylinder



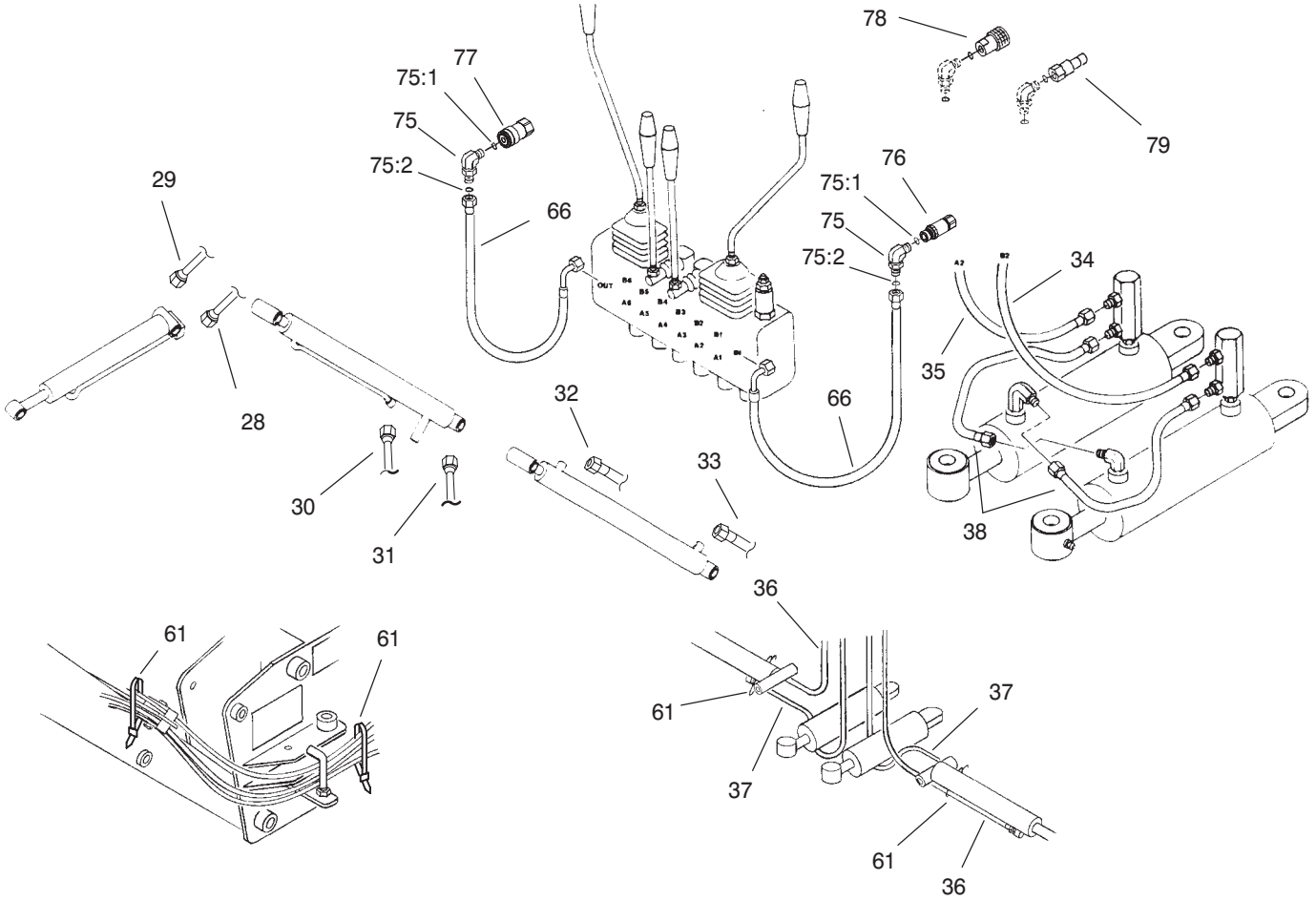
C–2904

Cylinder and Controls Assembly

Ref. No.	Part No.	Qty.	Description
27	100–7205	1	Valve ASM
*27:1	100–7226	1	Kit–Valve Seal
*27:2	100–7227	1	Kit–Relief Valve
*27:3	100–7228	2	Relief Cartridge
*27:4	100–7229	2	Kit–Lever ASM
*27:5	100–7230	2	Kit–Joystick ASM
*27:6	100–7231	4	Screw
*27:7	100–7232	2	Washer
*27:8	100–8801	6	Kit–Spring ASM
*27:6	100–7231	4	Screw
*27:7	100–7232	2	Washer
*27:8	100–8801	6	Kit–Spring ASM
27:9	100–8806	4	Screw
48	322–12	3	Screw–HH
50	3296–29	A/R	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description

* Not illustrated (See Page 11 of this catalog)



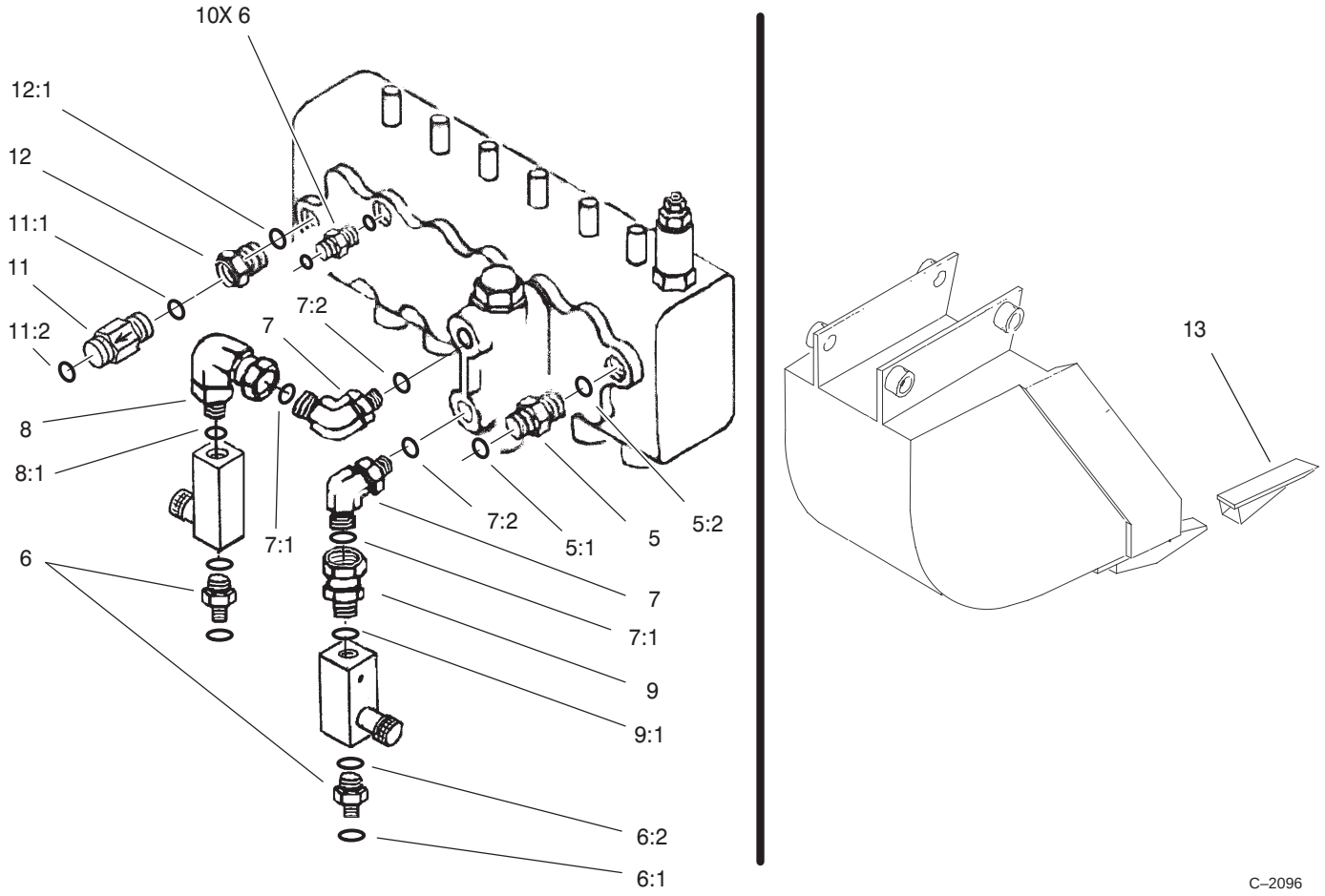
C–2905

Hydraulics Assembly

Ref. No.	Part No.	Qty.	Description
28	100–7188	1	Hose–Hydraulic
29	100–7189	1	Hose–Hydraulic
30	100–7190	1	Hose–Hydraulic
31	100–7191	1	Hose–Hydraulic
32	100–7192	1	Hose–Hydraulic
33	100–7193	1	Hose–Hydraulic
34	100–7194	1	Hose–Hydraulic
35	100–7195	1	Hose–Hydraulic
36	100–7196	2	Hose–Hydraulic
37	100–7197	2	Hose–Hydraulic
38	100–7198	2	Hose–Hydraulic
61	3334–945	6	Cable Tie
66	100–7199	2	Hose–Hydraulic
75	340–130	2	Fitting
75:1	237–80	1	O–Ring
75:2	237–22	1	O–Ring
76	100–4701	1	Male–Disconnect, Quick
77	100–4234	1	Female–Disconnect, Quick
*77:1	100–4165	1	Seal
78	100–4702	1	Male–Quick Disconnect
79	100–4703	1	Female–Quick Disconnect

Ref. No.	Part No.	Qty.	Description

* Not illustrated



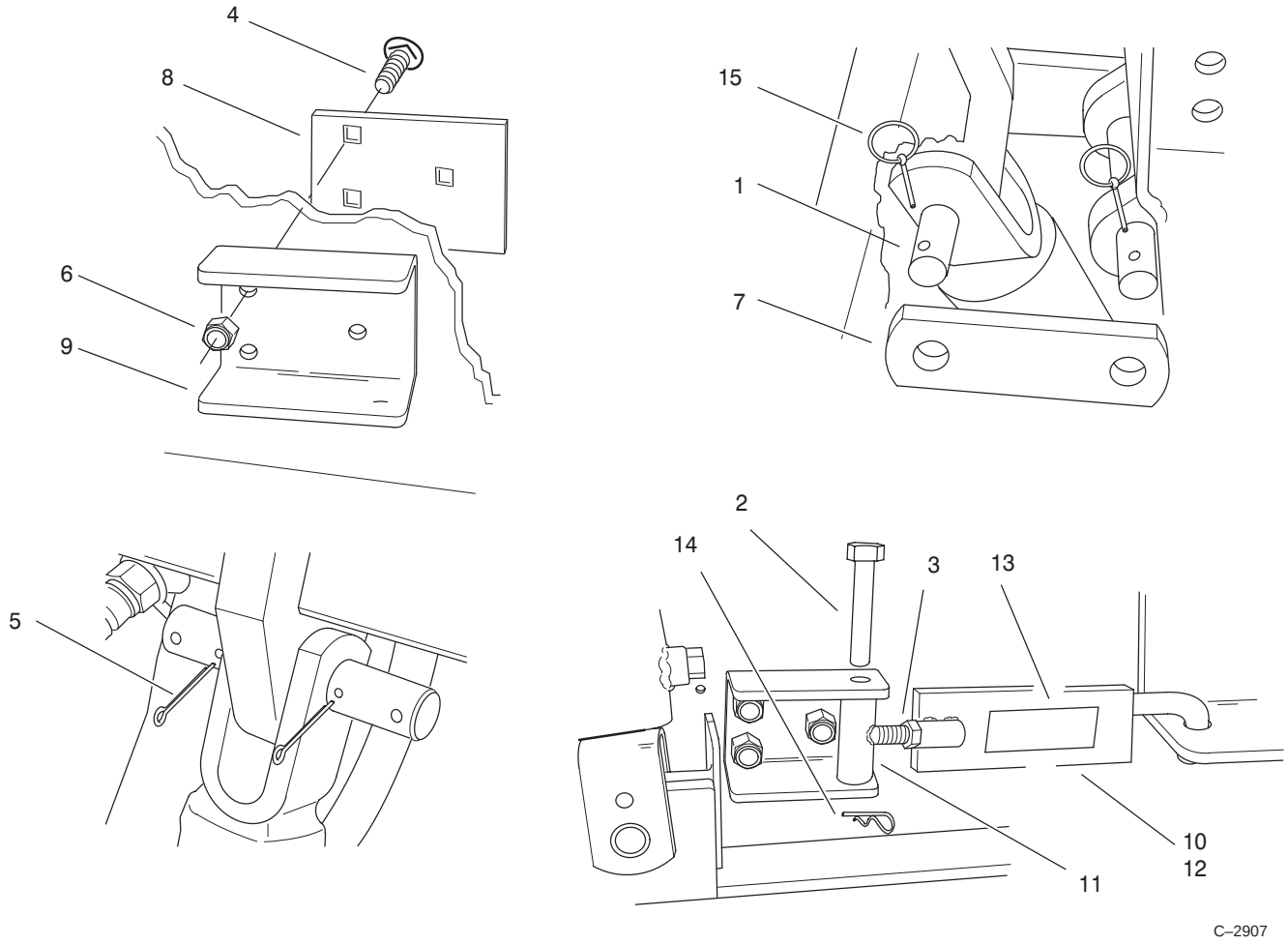
C–2096

Hydraulic Fittings and Tooth Assembly

Ref. No.	Part No.	Qty.	Description
5	340–3	1	Adapter
5:1	237–22	1	O–Ring
5:2	237–79	1	O–Ring
6	340–1	12	Fitting
6:1	237–35	1	O–Ring
6:2	237–42	1	O–Ring
7	340–77	2	Fitting–Hyd. 90°
7:1	237–22	1	O–Ring
7:2	237–42	1	O–Ring
8	340–110	1	Elbow–Swivel, 90 DEG Straight
8:1	237–42	1	O–Ring
9	100–7214	1	Fitting–Straight Swivel
9:1	237–42	1	O–Ring
11	100–7210	1	Check Valve
11:1	237–42	1	O–Ring
11:2	237–22	1	O–Ring
12	353–397	1	Adapter Reducer
12:1	237–79	1	O–ring
13	100–7233	A/R	Tooth–Bucket

Ref. No.	Part No.	Qty.	Description

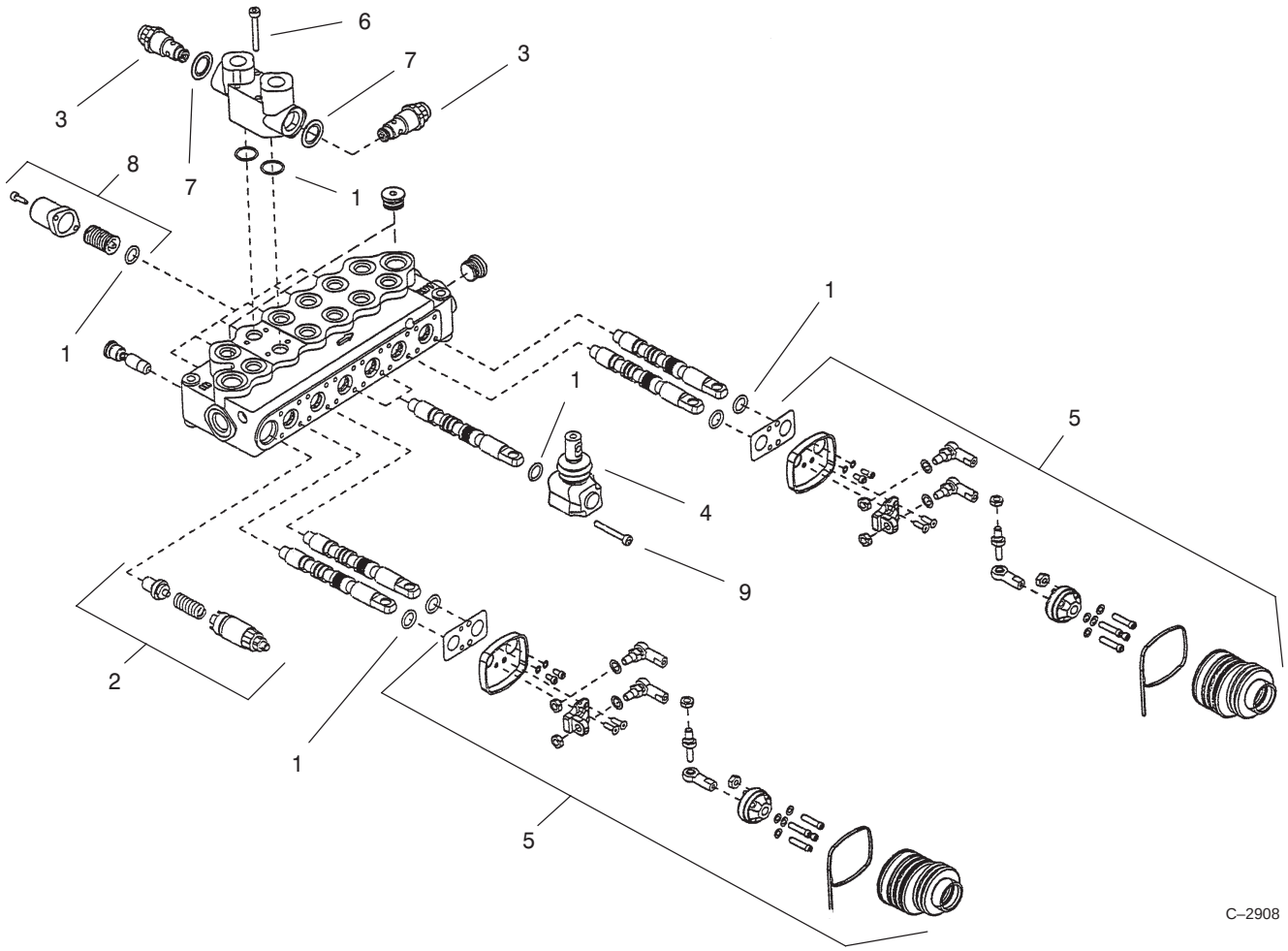
* Not illustrated



Miscellaneous Assembly

Ref. No.	Part No.	Qty.	Description
1	100–7177	1	Pin–Cylinder Lock
2	283–78	2	Pin–Clevis
3	3220–6	2	Nut–Jam
4	3233–26	6	Screw–CARR
5	3272–33	2	Pin–Cotter
6	3296–23	6	Nut–Lock, NI
7	100–7176	2	Strap–Lock
8	100–4116	2	Plate–Anchor
9	100–4122	2	Bracket–Anchor
10	100–4126	1	LH Clevis ASM
11	100–4128	2	Tube ASM
12	100–4130	1	RH Clevis ASM
13	100–4135	2	Decal–Tiedown
14	3290–355	2	Hairpin
15	283–72	4	Pin–Lynch

Ref. No.	Part No.	Qty.	Description



Valve Assembly No. 100–7205

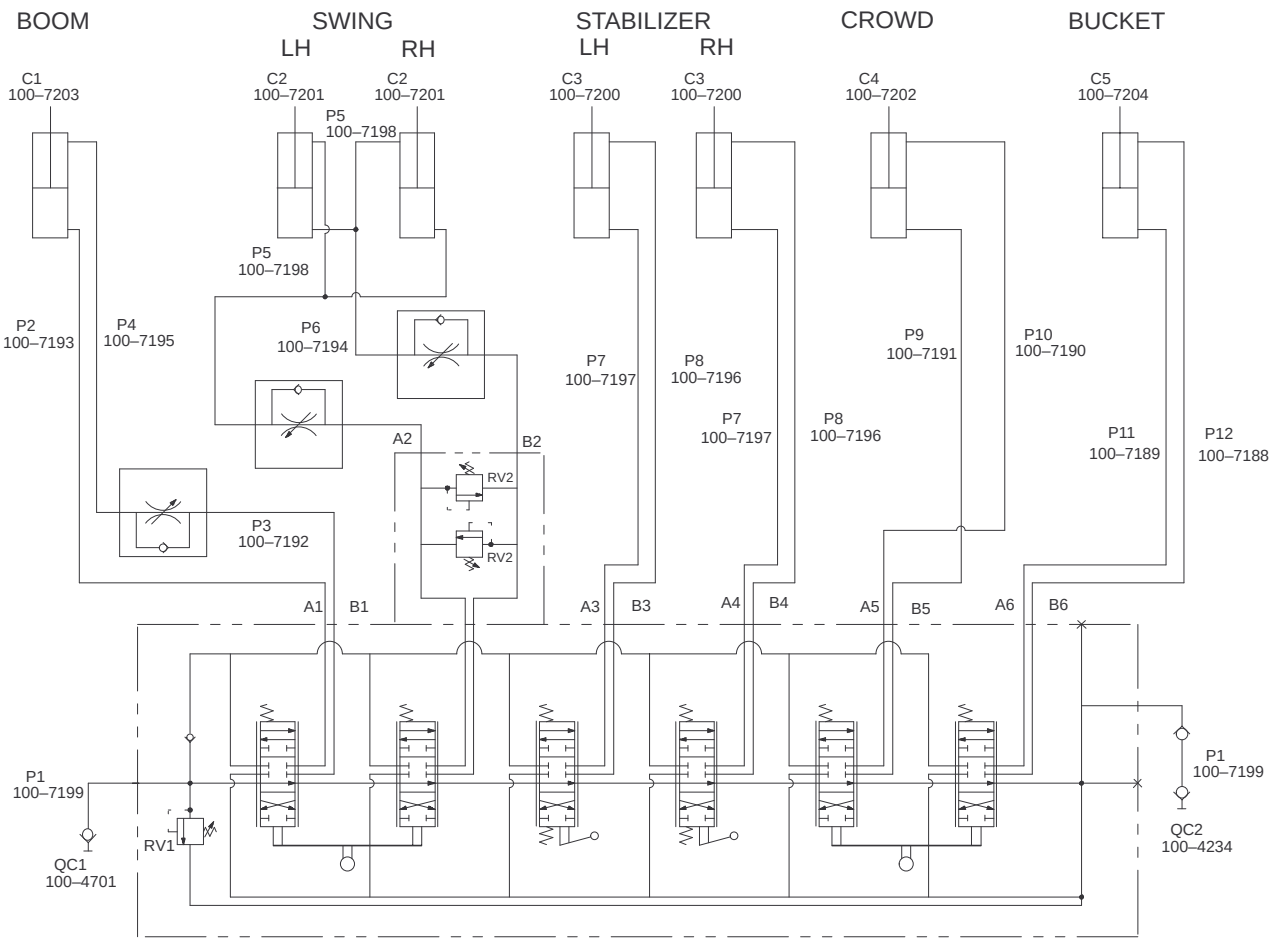
Ref. No.	Part No.	Qty.	Description
1	100–7226	1	Kit–Valve Seal
2	100–7227	1	Kit–Relief Valve
3	100–7228	2	Relief Cartridge
4	100–7229	2	Kit–Lever ASM
5	100–7230	2	Kit–Joystick ASM
6	100–7231	4	Screw
7	100–7232	2	Washer
8	100–8801	6	Kit–Spring ASM
6	100–7231	4	Screw
7	100–7232	2	Washer
8	100–8801	6	Kit–Spring ASM
9	100–8806	4	Screw

Ref. No.	Part No.	Qty.	Description

* Not illustrated

Hydraulic Schematic

PRESSURE AND SIZING CHART					
		PRESSURE		SIZE	
COMPONENT	FUNCTION	PSI	BARS	MM	IN
RV1	–	1950	134	–	–
RV2	–	2050	141	–	–
C1	BOOM	–	–	∅ 50.8/28.6 X 445	
C2	SWING	–	–	∅63.5/38.1 X 152	
C3	STABILIZER	–	–	∅ 50.8/28.6 X 324	
C4	CROWD	–	–	∅ 50.8/28.6 X 419	
C5	BUCKET	–	–	∅ 50.8/28.6 X 305	
P1	–	–	–	∅9.5	∅ .38
P2	–	–	–	∅6.4	∅ .25
P3	–	–	–	∅6.4	∅ .25
P4	–	–	–	∅6.4	∅ .25
P5	–	–	–	∅6.4	∅ .25
P6	–	–	–	∅6.4	∅ .25
P7	–	–	–	∅6.4	∅ .25
P8	–	–	–	∅6.4	∅ .25
P9	–	–	–	∅6.4	∅ .25
P10	–	–	–	∅6.4	∅ .25
P11	–	–	–	∅6.4	∅ .25
P12	–	–	–	∅6.4	∅ .25



Maintenance Record

Date								

Maintenance Record

Date								

Maintenance Record

Date								


TORO®