



Parts Manual

Serial Number Range

GTH-1048

from GTH1006A-8418

GTH-1056

from GTH1006A-8418

Part No. 97500

Rev A

April 2006

Technical Publications

Genie Industries has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

www.genieindustries.com
e-mail: techsup@genieind.com

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First Edition, First Printing

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Printed in U.S.A.



How to Read Your Serial Number

Genie

A TEREX COMPANY

Genie Industries
18340 NE 76th Street
Redmond, WA 98052
USA

MODEL: GTH-1048/GTH-1056

SERIAL NUMBER: GTH1006A-8454

ATTACHMENT:

MANUFACTURE DATE: 02/20/06

TOTAL TRUCK WEIGHT(LBS): 29,500lbs / 13,409kg (1048)
30,500lbs / 13,864kg (1056)

MAX LIFT CAPACITY(LBS): 10,000lbs / 4545kg (1048)
10,000lbs / 4545kg (1056)

LIFT CAPACITY (LBS)

AT MAX LIFT HEIGHT: (See below)

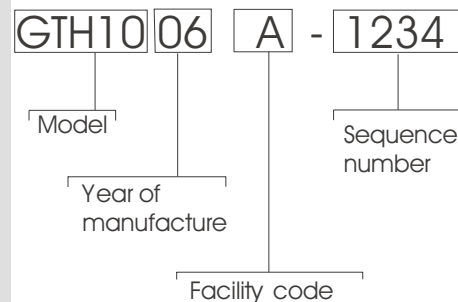
OUTRIGGERS UP: 4000lbs (1048) / 2000lbs (1056)

OUTRIGGERS DOWN: 6000lbs (1048) / 4000lbs (1056)

THIS FORKLIFT TRUCK COMPLIES

WITH:

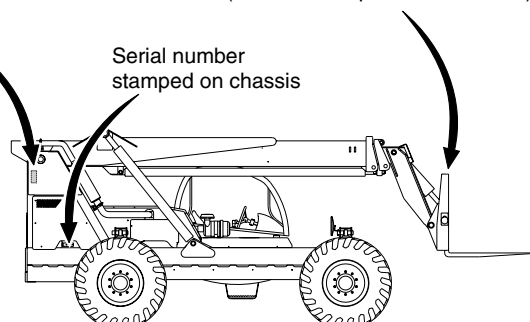
ASME B56.6-2002 SAFETY STD FOR
ROUGH TERRAIN FORKLIFT TRUCK



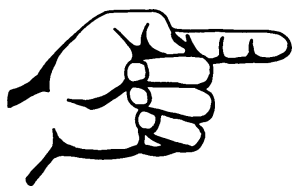
Serial label
(located inside chassis
upright at cab side of machine)

Serial label
(located inside fork frame)
(models with quick attach frame)

Serial number
stamped on chassis



Genie
A TEREX COMPANY



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If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genieindustries.com.

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Electronic Version

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205.1 A General Assembly (all models)

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Parts Stocking List

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie GTH-636, GTH-644, GTH-842, GTH-844, GTH-1048 and GTH-1056 Service Manuals*.

Description	Part No.
Hydraulic Return Filter	7-118-01
Element - Hydraulic Return Filter	7-118-02
Primary Filter	7-109-04
Safety Filter	7-109-14
Transmission Oil Filter	7-126-349
Engine Oil Filter, JD4045T	7-183-184
Engine Fuel Filter, JD4045T	7-183-45
Maintenance Manual, Dana Axle	97488
Maintenance Manual, Dana T20000 Trans.	97489
Operator's Manual, Deutz 2012	97490
Workshop Manual, Deutz 2012	97491
Operator's Manual, JD4045T	97492
Workshop Manual, JD4045T	97493

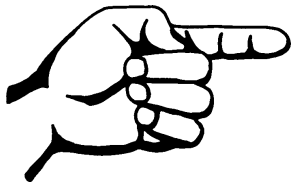
Recommended Parts

Description	Part No.
Genie Gray Paint, 12 Ounce / 355 ml Aerosol	1268
Genie Blue Paint, 12 Ounce / 355 ml Aerosol	1484
Genie Blue Paint, 1 Gallon / 3.78 liters	32150
Genie Gray Paint, 1 Gallon / 3.78 liters	32151

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie GTH-1048 and GTH-1056 Operator's Manual, 2nd Edition	114101
Genie GTH-1048 and GTH-1056 Service Manual, 1st Edition	97487
EMI Safety Manual	27581
Manual of Responsibilities	
ANSI A92.6-1990	44163



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How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Genie product:

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Genie part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized

Genie Distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

Genie North America

Telephone (425) 556-6551

Toll Free (877) 367-5606 in U.S.A. and Canada

Fax (425) 556-8659

Genie UK

Parts Telephone (44) (0) 1476 584352

Parts Fax (44) (0) 1476 584340

Genie Australia

Parts Telephone (617) 03375 1660

Parts Fax (617) 03375 1002

Genie France

Parts Telephone (33) (0) 237 26 09 99

Parts Fax (33) (0) 237 31 50 10

Genie Germany

Parts Telephone (49) (0) 4202 885223

Parts Fax (49) (0) 4202 885225

Genie Scandinavia

Parts Telephone (46) (31) 3409612

Parts Fax (46) (31) 3409613

Genie Iberica

Parts Telephone (34) (93) 5795042

Genie Brazil

Parts Telephone (55) (114) 1665755

Parts Fax (55) (114) 1665754

Genie Japan

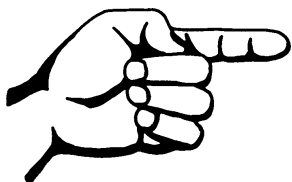
Parts Telephone (81) (33) 4536082

Parts Fax (81) (33) 4536083

Genie China

Parts Telephone (86) (215) 3852570

Parts Fax (86) (215) 3852569



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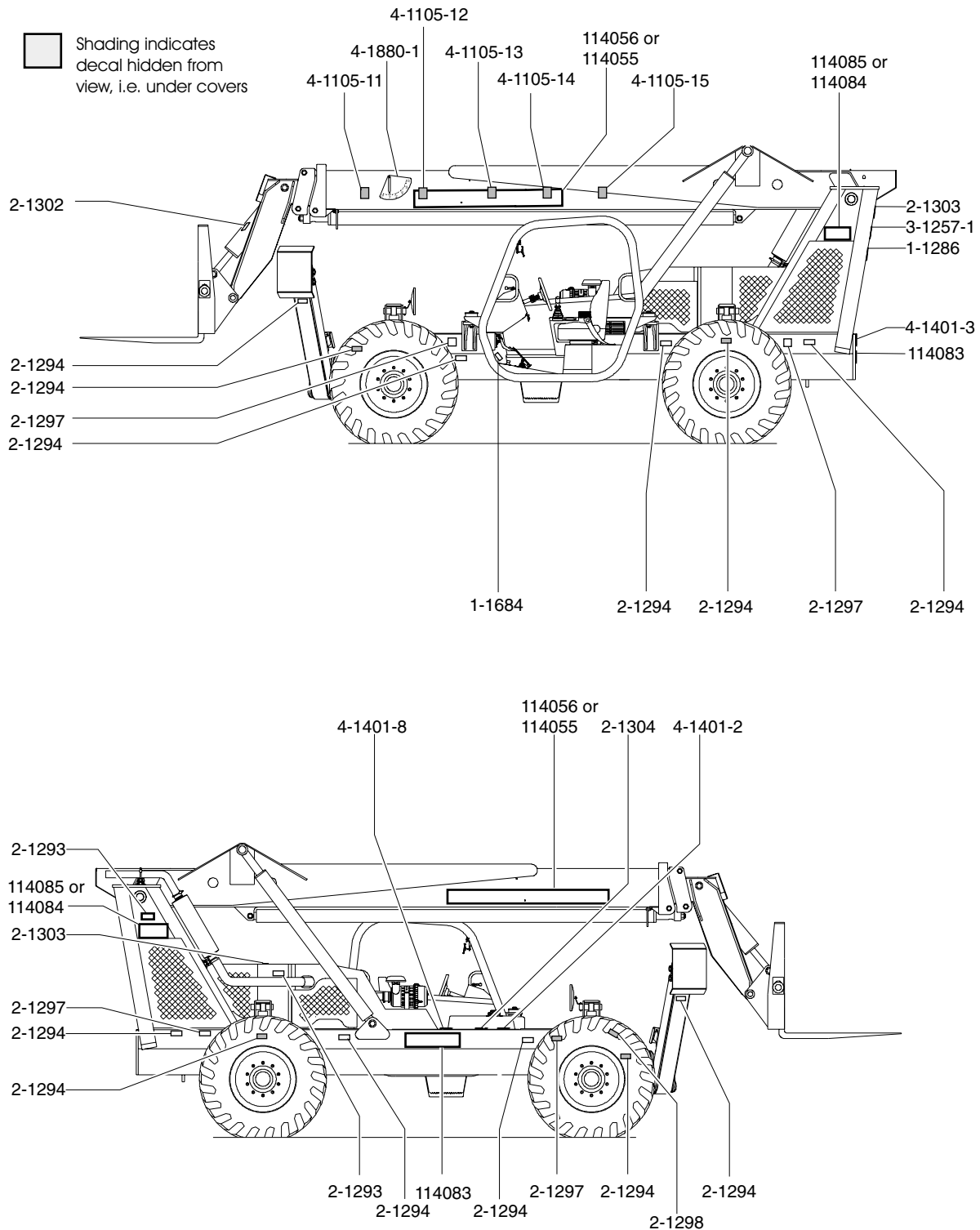
Parts Figures



Figure
101.1

Rev
A

Description
Decals, View 1

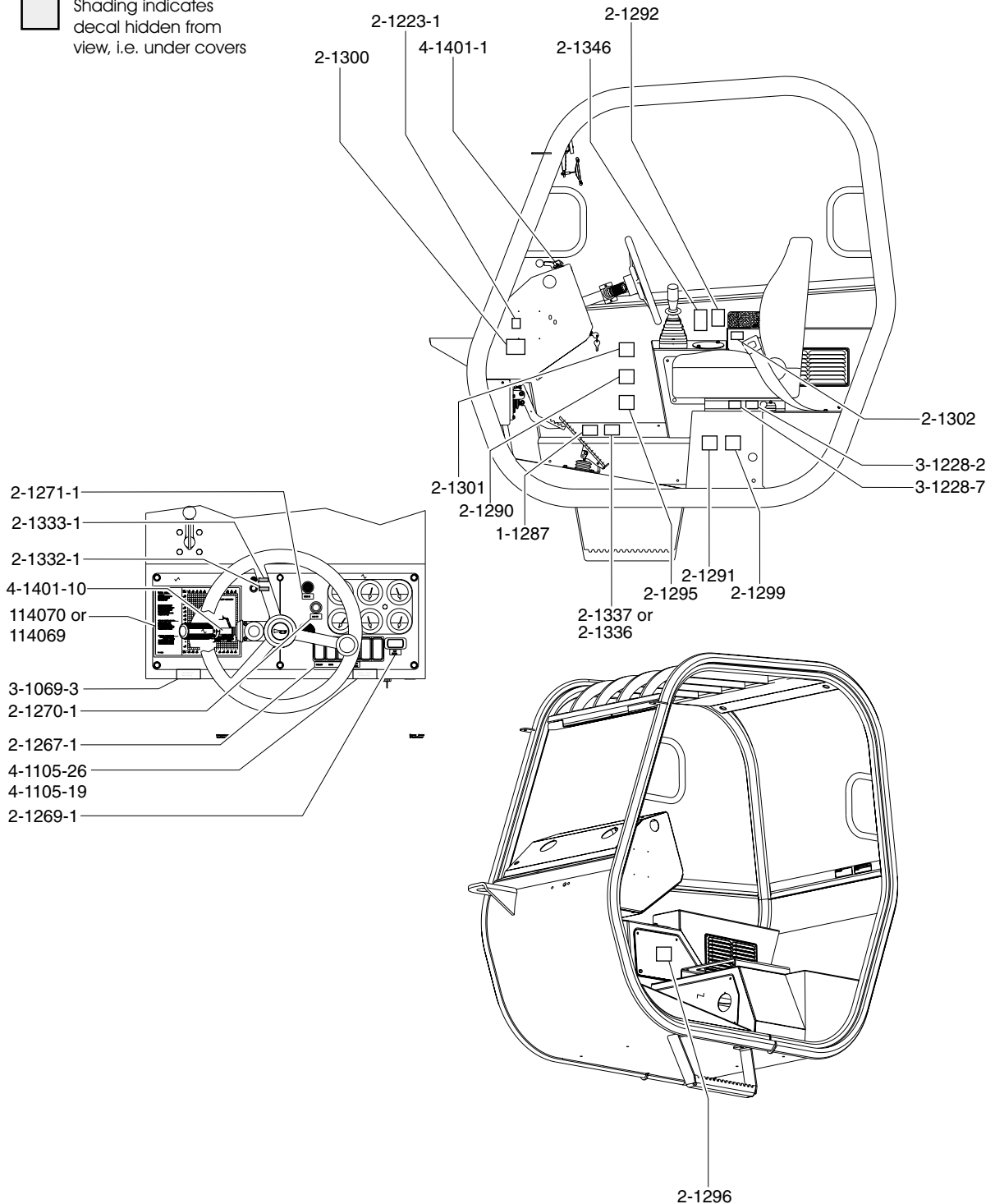


Item	Part No.	Description	Qty.
1	4-1105-11	Decal - A	1
2	4-1880-1	Decal - Boom Angle, White Letters	1
3	4-1105-12	Decal - B	1
4	4-1105-13	Decal - C	1
5	4-1105-14	Decal - D	1
6	4-1105-15	Decal - E	1
7	114056	Cosmetic - Genie GTH-1048	2
—	114055	Cosmetic - Genie GTH-1056	2
8	114085	Cosmetic - GTH-1048	2
—	114084	Cosmetic - GTH-1056	2
9	2-1303	Decal - Explosion, Burn Hazard,Fluids	2
10	3-1257-1	Decal - Hydraulic Oil Only	1
11	1-1286	Decal - Chevron Hydraulic Oil	1
12	4-1401-3	Decal - Hydraulic Oil Level	1
13	114083	Decal - Genie Logo	2
14	2-1294	Decal - Crush Hazard, Pinch Point	12
15	2-1297	Decal - Overturning Hazard-Tires	4
16	2-1298	Decal - Overhead Crush Hazard	1
17	1-1684	Decal - Axle Differential Lock	1
18	4-1401-8	Decal - Transmission Oil	1
19	2-1304	Decal - Explosion, Burn Hazard, Acid	1
20	4-1401-2	Decal - Diesel Fuel	1
21	2-1293	Decal - Burn Hazard	2
22	2-1302	Decal - Not A Man-Lift	2

Figure 102.1
Rev A
Description Decals, View 2



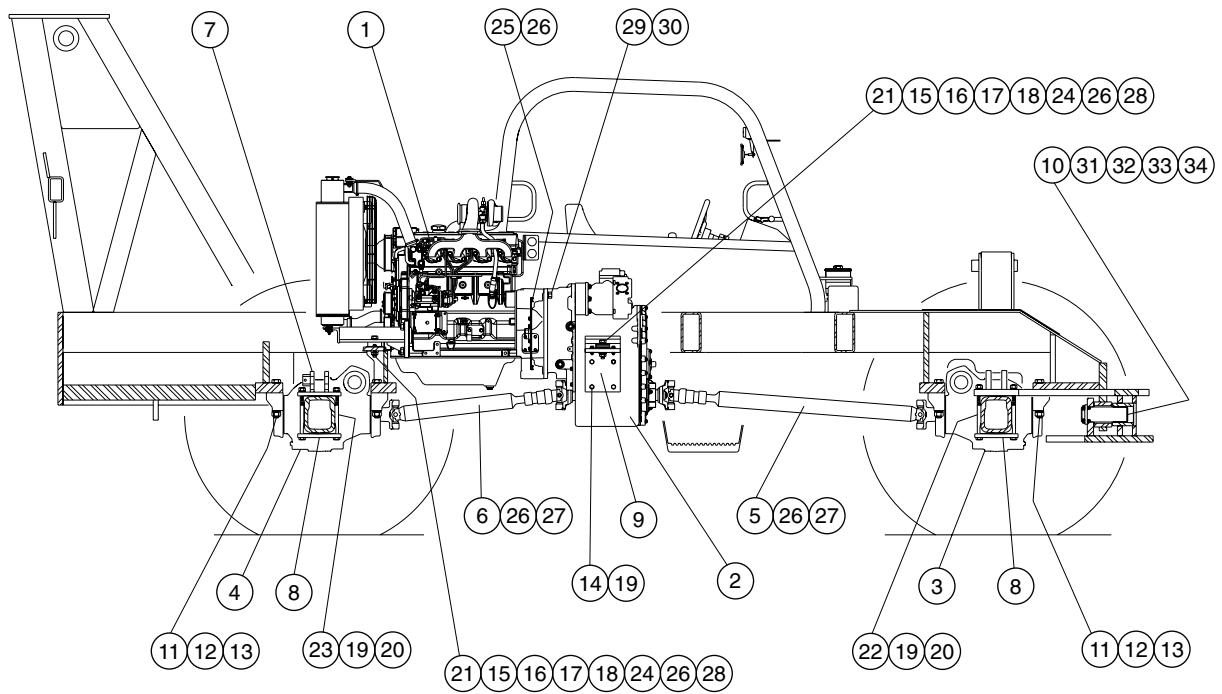
Shading indicates
 decal hidden from
 view, i.e. under covers



Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	2-1300	Decal - Crush Hazard, No Riders	1	24	2-1332-1	Decal - Blink Code Enable, Dash	1
2	2-1223-1	Decal - Technical Support	1	25	2-1333-1	Decal - Warning-Blink Code, Dash	1
3	4-1401-1	Decal - Steering Selector	1	26	2-1271-1	Decal - Brake On, Dash	1
4	2-1346	Decal - 4-Way Control	1				
5	2-1292	Decal - Read The Operators Manual	1				
6	114070	Decal - Load Chart, GTH-1048	1				
—	114069	Decal - Load Chart, GTH-1056					
7	2-1299	Decal - Crush Hazard, Parking Brake	1				
8	2-1302	Decal - Not A Man-Lift	2				
9	3-1228-2	Decal - Brake On	1				
10	3-1228-7	Decal - Brake Off	1				
11	2-1291	Decal - Always Use The Seat Belt	1				
12	2-1295	Decal - Overturning Hazard	1				
13	2-1336	Decal - Filter Guide, John Deere (GTH-1048)	1				
—	2-1337	Decal - Filter Guide, John Deere (GTH-1056)					
14	1-1287	Decal - Daily Check List	1				
15	2-1290	Decal - Falling Object Hazard	1				
16	2-1301	Decal - Electrical Hazard	1				
17	2-1296	Decal - Overturning Hazard, Sway	1				
18	2-1269-1	Decal - Sway Control, Dash	1				
19	4-1105-19	Decal - Rear Axle Stabilizers (GTH-1048)	1				
—	4-1105-26	Decal - Rear Axle Stabilizers (GTH-1056)					
20	2-1267-1	Decal - Dash Gang Switches	1				
21	2-1270-1	Decal - Pump Off, Dash	1				
22	3-1069-3	Decal - Stabilizer Warning (GTH-1048)	1				
23	4-1401-10	Decal - Transmission Control	1				



Figure	Rev	Description
201.1	A	Power Train Assembly, JD-4045 Tier II (all models)

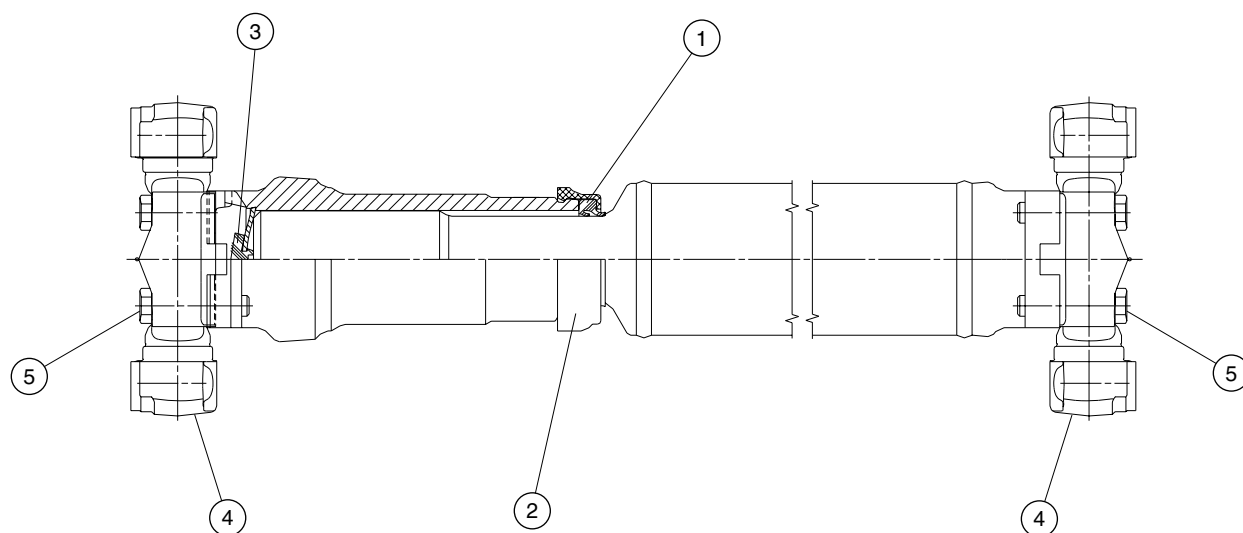


201.1
Power Train Assembly, JD-4045 Tier II (all models) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	Ref.	Engine and Pump Assembly (refer to 301.1)		30	6-9111-10	Lock Washer, 10 mm.....	11
2	108679	Transmission Assembly	1	31	1-1505	Retainer, Pin	1
3	7-229-670	Axle Assembly, Front	1	32	6-5208-10	Cap Screw, 1/2 NC x 1 1/4 inches	2
4	7-229-671	Axle Assembly, Rear	1	33	6-6211-08	Lock Washer, 1/2	2
5	108741	Driveshaft, Front	1	34	6-6301	Lube Fitting, 1/8 NPT Straight	1
6	108742	Driveshaft, Rear	1				
7	108615	Mount, Rear Lock-up Cylinders	2				
8	2-1256	Base Plate	4				
9	3-1237	Mount, Transmission	2				
10	3-1479	Pin, Stabilizer Frame Pivot	1				
11	6-5216-56	Cap Screw, 1 NC x 7 inches	8				
12	6-6211-16	Lock Washer, 1 inch	8				
13	6-6201-16	Hex Nut, 1 NC	8				
14	6-5212-16	Cap Screw, 3/4 NC x 2 inches	8				
15	6-5210-32	Cap Screw, 5/8 NC x 4 inches	4				
16	6-6211-10	Lock Washer, 5/8	4				
17	6-6212-10	Flat Washer, 5/8	6				
18	6-6201-10	Hex Nut, 5/8 NC	4				
19	6-6211-12	Lock Washer, 3/4	24				
20	6-6201-12	Hex Nut, 3/4 NC	16				
21	7-326-01	Rubber Mount, Engine	4				
22	6-5212-84	Cap Screw, 3/4 NC x 10 1/2 inches	8				
23	6-5212-80	Cap Screw, 3/4 NC x 10 inches	8				
24	6-5206-12	Cap Screw, 3/8 NC x 1 1/2 inches	8				
25	6-5306-14	Cap Screw, 3/8 NF x 1 3/4 inches	8				
26	6-6211-06	Lock Washer, 3/8	32				
27	6-5306-14	Cap Screw, 3/8 NF x 1 3/4 inches	16				
28	6-6201-06	Hex Nut, 3/8 NC	8				
29	6-8510-40	Cap Screw, 10 mm x 1.5 x 40 mm	11				



Figure	Rev	Description
202.1	A	Drive Shaft Assembly, Front and Rear (all models)

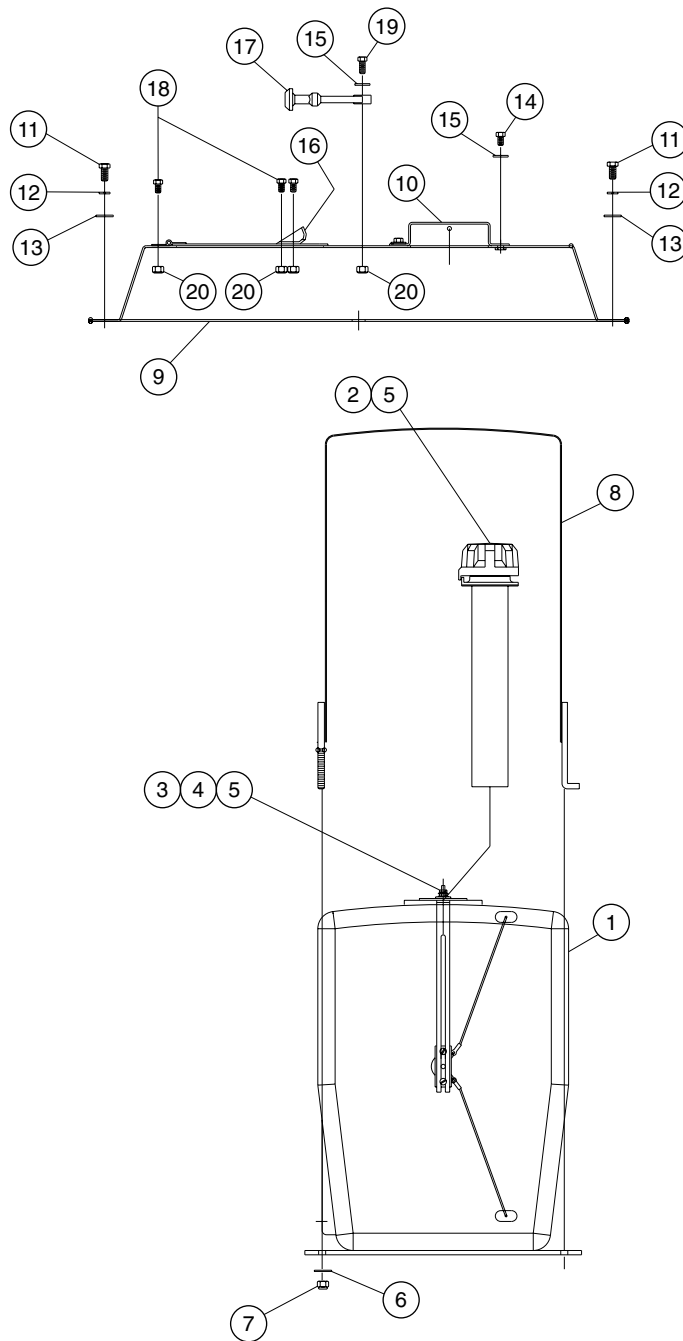


202.1
Drive Shaft Assembly, Front and Rear (all models) Rev A

Item	Part No.	Description	Qty.
—	108741	Drive Shaft Assembly, Front	
—	108742	Drive Shaft Assembly, Rear	
1	117130	Shaft Seal	1
2	117131	Cap	1
3	117132	Air Relief Valve	1
4	117133	U-joint Assembly	2
5	117134	Screw	8

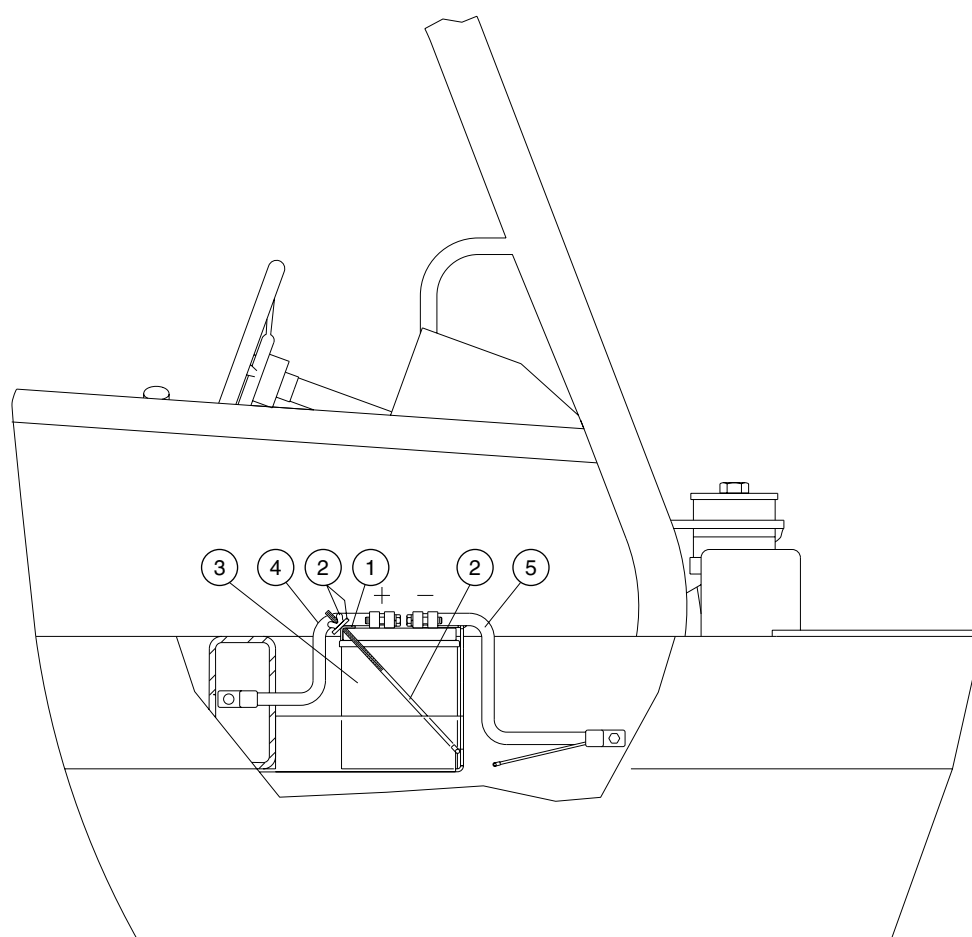


Figure	Rev	Description
203.1	A	Fuel Tank Assembly (all models)



Item	Part No.	Description	Qty.
1	7-373-01	Fuel Tank, Plastic	1
2	7-272-09	Filler Cap, Fuel	1
3	7-169-08	Sender, Fuel Gauge (includes item 4)	1
4	7-169-22	Gasket, Fuel Sender	Ref.
5	6-6284-13	Machine Screw, #10-32 x 1/2 inch	11
6	6-6212-06	Flat Washer, 3/8	2
7	6-6205-06	Self Locking Nut, 3/8 NC	2
8	3-1390	Strap, Fuel Tank	2
9	4-2257	Battery Box and Fuel Tank Cover (includes item 10)	1
10	4-2257-3	Fuel Sender Cover	Ref.
11	6-5206-06	Cap Screw, 3/8 NC x 3/4 LG	6
12	6-6211-06	Lock Washer, 3/8	6
13	6-6212-06	Flat Washer, 3/8	6
14	6-5205-05	Cap Screw, 5/16 NC x 5/8 LG	2
15	6-6212-04	Flat Washer, 1/4	3
16	7-360-01	Plastic Holder	1
17	7-360-02	Latch, Rubber	1
18	6-5204-08	Cap Screw, 1/4 NC x 1 LG	6
19	6-5204-10	Cap Screw, 1/4 NC x 1 1/4 LG	1
20	6-6205-04	Self Locking Nut, 1/4 NC	7

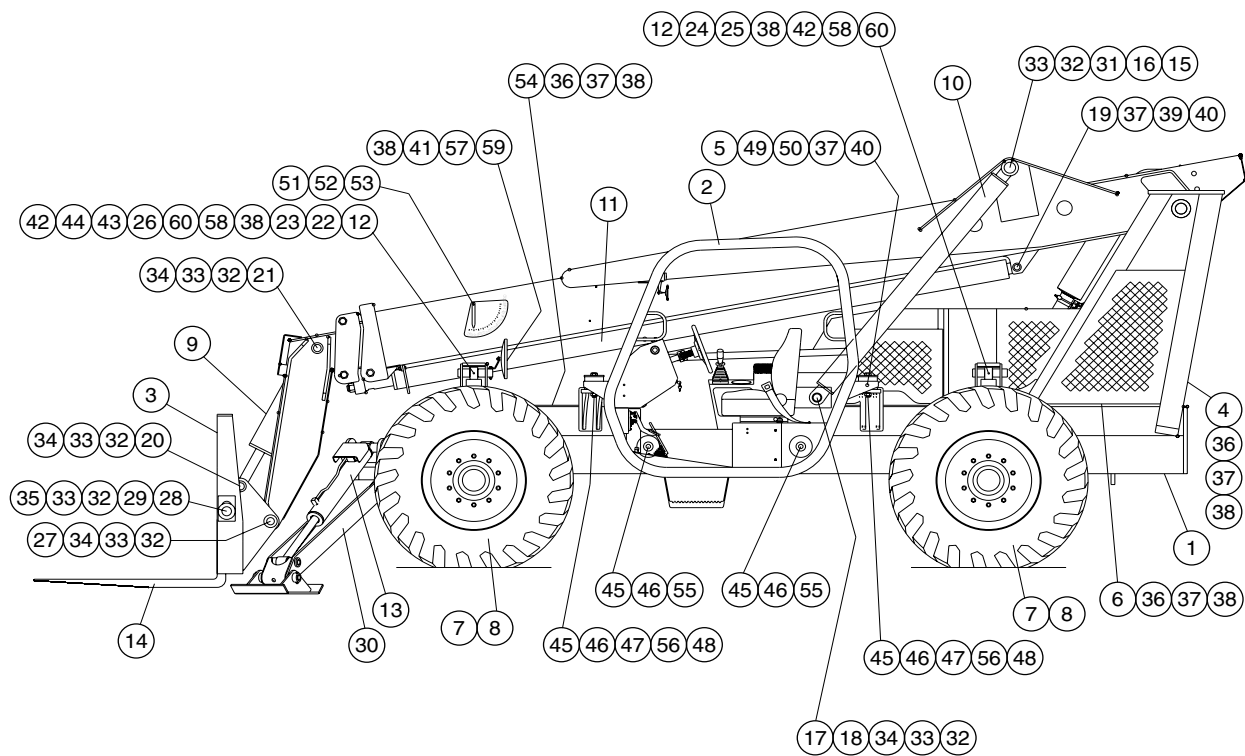
Figure	Rev	Description
204.1	A	Battery Box Assembly (all models)



Battery Box Assembly (all models) 204.1
Rev A

Item	Part No.	Description	Qty.
1	5-2008	Forming, Battery Hold Down	1
2	5-2012	Hook, Battery Hold Down	2
3	7-355-01	Battery, 12V DC	1
4	6-7801-132B	Battery Cable, Red	1
5	6-7802-88B	Battery Cable, Black	1

Figure	Rev	Description
205.1	A	General Assembly (all models)



205.1

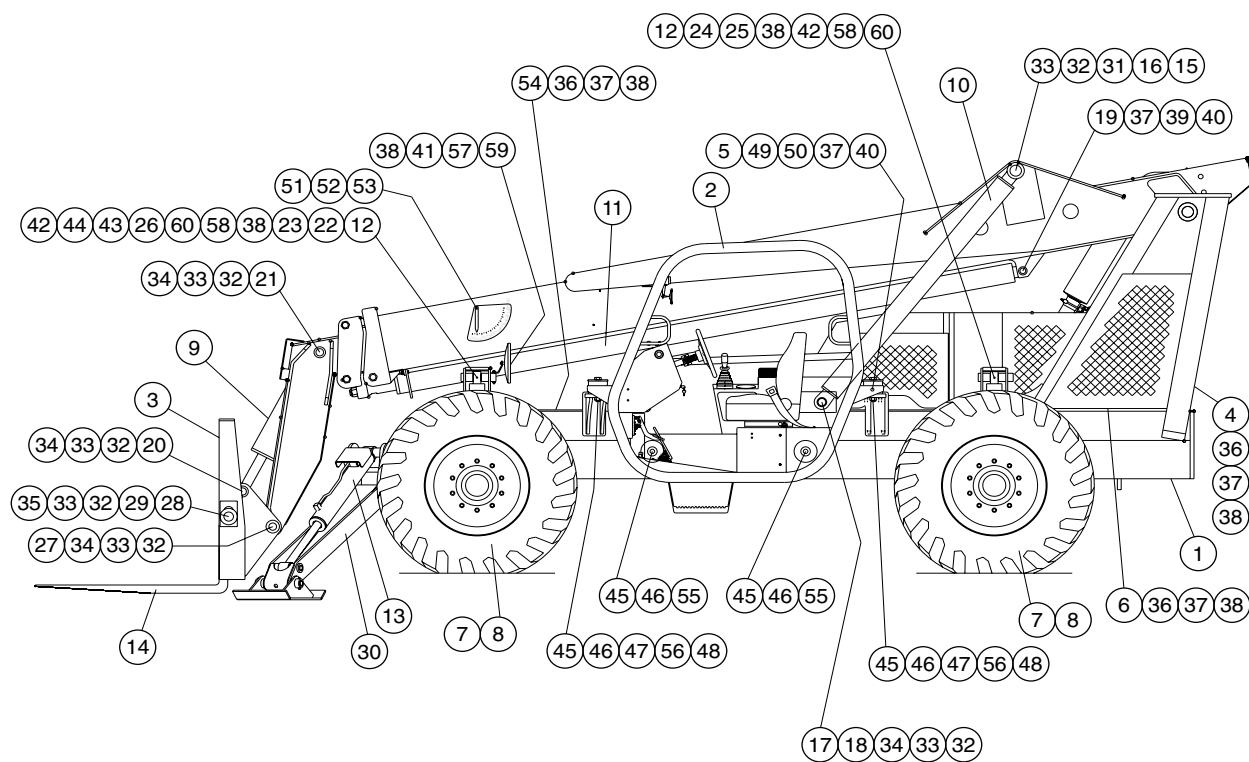
General Assembly (all models) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	108624	Main Frame Weldment	1	8	7-128-16	Tire and Wheel Assembly, LH, Foam Filled Rock Lug	2
2	7-132-96	Canopy Assembly	1	—	7-166-05	Wheel	
3	4-1441	Fork Frame, 48 inches Wide	1	—	7-128-02	Tire, 14 x 24	
4	4-1751-1	Rear Panel	1	—	7-229-830	Lug Nut, M22 x 1.5	
5	7-319-17	Ground Strap, Cab	1	9	7-316-242	Cylinder, Tilt	1
6	4-1751-2	Side Panel, LH and RH	2	10	7-316-241	Cylinder, Lift (GTH-1048)	2
7	7-166-19	Tire and Wheel Assembly, RH, Calcium Chloride	2	—	7-316-325	Cylinder, Lift (GTH-1056)	
—	7-166-05	Wheel		11	7-316-243	Cylinder, Boom (GTH-1048)	1
—	7-166-09	Tire, 14 x 24		—	7-316-326	Cylinder, Boom (GTH-1056)	
—	7-229-830	Lug Nut, M22 x 1.5		12	7-182-34	Cylinder, Sway-Rear Lock	4
7	7-128-11	Tire and Wheel Assembly, RH, Chloride Rock Lug	2	13	7-316-394	Cylinder, Stabilizer	2
—	7-166-05	Wheel		14	3-1234	Fork Tine, 48 inches	2
—	7-128-02	Tire, 14 x 24		15	3-1092-1	Pin, Head Lift Cylinder	1
—	7-229-830	Lug Nut, M22 x 1.5		16	6-2524-10	Collar, Head Lift Cylinder	2
7	7-166-25	Tire and Wheel Assembly, RH, Foam Filled	2	17	3-1054-2	Pin, Base Lift Cylinder, RH	1
—	7-166-05	Wheel		18	3-1054-3	Pin, Base Lift Cylinder, LH	1
—	7-166-09	Tire, 14 x 24		19	2-1090	Pin, Base Boom Cylinder	1
—	7-229-830	Lug Nut, M22 x 1.5		20	6-3316-65	Pin, Head Tilt Cylinder	1
7	7-128-15	Tire and Wheel Assembly, RH, Foam Filled Rock Lug	2	21	3-1054-1	Pin, Base Tilt Cylinder	1
—	7-166-05	Wheel		22	3-1243-2	Pin, Head Sway Cylinder	2
—	7-128-02	Tire, 14 x 24		23	5-2041-11	Pin, Base Sway Cylinder	2
—	7-229-830	Lug Nut, M22 x 1.5		24	5-2041-22	Pin, Head Lock-up Cylinder	2
8	7-166-20	Tire and Wheel Assembly, LH, Calcium Chloride	2	25	5-2041-11	Pin, Base Lock-up Cylinder	2
—	7-166-05	Wheel		26	3-1243-3	Retainer, Pin	2
—	7-166-09	Tire, 14 x 24		27	6-3316-168	Pin, Fork Frame	1
—	7-229-830	Lug Nut, M22 x 1.5		28	2-1125-10	Pin, Fork Tine	1
8	7-128-12	Tire and Wheel Assembly, LH, Chloride Rock Lug	2	29	1-1113	Collar, Fork Tine Pin	1
—	7-166-05	Wheel		30	Ref	Stabilizer Assembly (refer to figure 207.1)	
—	7-128-02	Tire, 14 x 24		31	6-5208-44	Cap Screw, 1/2 NC x 5 1/2 inches	2
—	7-229-830	Lug Nut, M22 x 1.5		32	6-6201-08	Hex Nut, 1/2 NC	8
8	7-166-26	Tire and Wheel Assembly, LH, Foam Filled	2	33	6-6211-08	Lock Washer, 1/2 inch	8
—	7-166-05	Wheel		34	6-5208-30	Cap Screw, 1/2 NC x 3 3/4 inches	5
—	7-166-09	Tire, 14 x 24					
—	7-229-830	Lug Nut, M22 x 1.5					

This list continues on the next page.

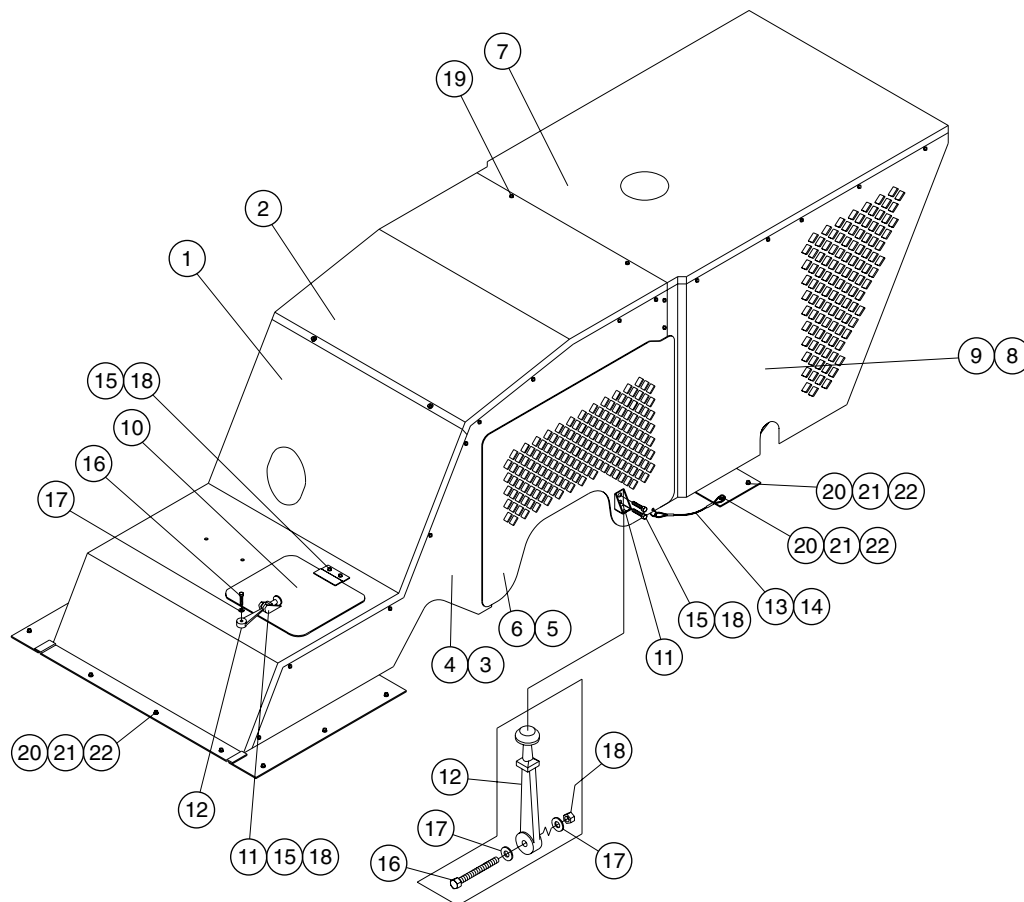


Figure	Rev	Description
205.1	A	General Assembly (all models)



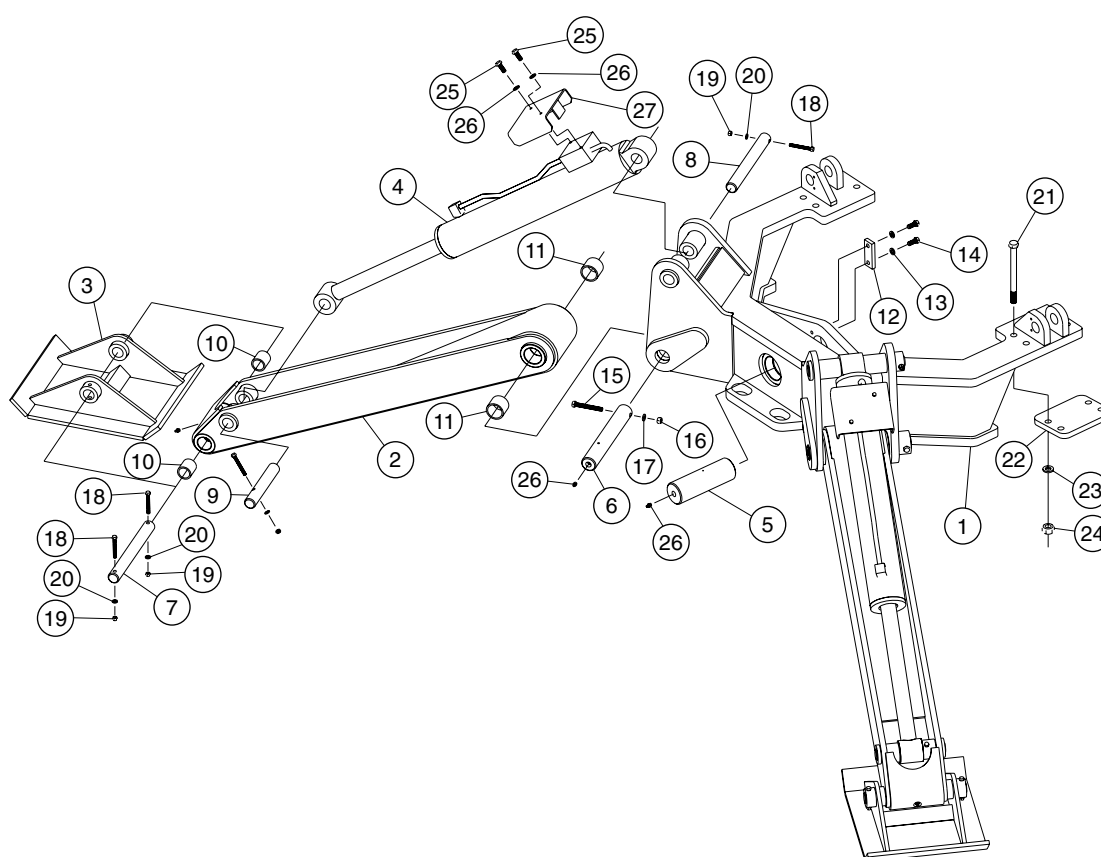
Item	Part No.	Description	Qty.
35	6-5208-36	Cap Screw, 1/2 NC x 4 1/2 inches	1
36	6-5206-06	Cap Screw, 3/8 NC x 3/4 inches	20
37	6-6211-06	Lock Washer, 3/8	23
38	6-6212-06	Flat Washer, 3/8	28
39	6-5206-22	Cap Screw, 3/8 NC x 2 3/4 inches	1
40	6-6201-06	Hex Nut, 3/8 NC	2
41	7-333-01	Mirror, Convex	1
42	6-5206-14	Cap Screw, 3/8 NC x 1 3/4 inches	6
43	6-5205-06	Cap Screw, 5/16 NC x 3/4 inches	4
44	6-6211-05	Lock Washer, 5/16	4
45	7-190-07	Rubber Mount, Cab	4
46	1-1532	Washer, Rubber Mount	4
47	6-5216-48	Cap Screw, 1 NC x 6 inches	2
48	6-6205-16	Self Locking Nut, 1 NC	2
49	6-5206-10	Cap Screw, 3/8 NC x 1 1/4 LG.	1
50	6-5206-04	Cap Screw, 3/8 NC x 1/2 inch	1
51	1-1217	Pointer, Boom Angle	1
52	6-5204-08	Cap Screw, 1/4 NC x 1 inch	1
53	6-6201-04	Hex Nut, 1/4 NC	1
54	4-2271	Cover, Front Axle Access	1
55	6-5216-44	Cap Screw, 1 NC x 5 1/2 inches	2
56	1-1530	Spacer, Rubber Mount	2
57	6-5206-08	Cap Screw, 3/8 NC x 1 inch	1
58	6-6205-06	Self Locking Nut, 3/8 NC	6
59	7713	LP Nylock Nut, 3/8 -16	1
60	45226	Rod End, 0.375 x 3.69 inches	6

Figure	Rev	Description
206.1	A	Engine Enclosure Assembly



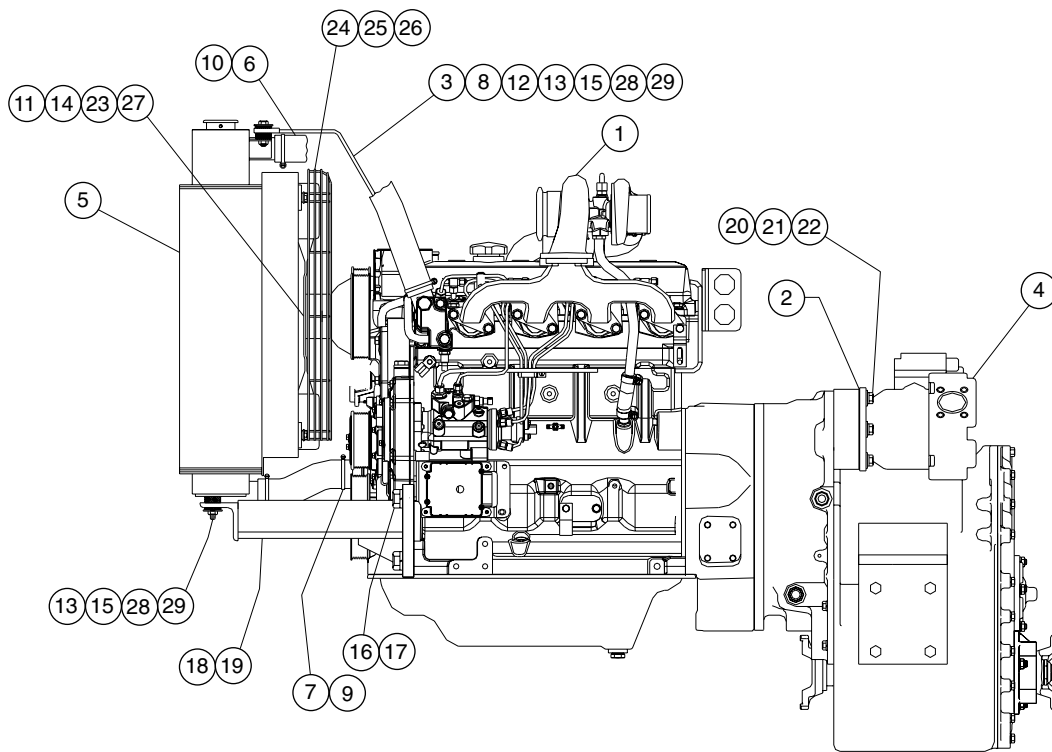
Item	Part No.	Description	Qty.
—	4-2347	Engine Enclosure Assembly (GTH-1048) (includes items 1-10)	
—	4-2345	Engine Enclosure Assembly (GTH-1056) (includes items 1-10)	
1	4-2347-1	Top Front Cover, Front Housing (GTH-1048)	1
—	4-2345-1	Top Front Cover, Front Housing (GTH-1056)	
2	4-2345-2	Top Rear Cover, Front Housing ...	1
3	4-2345-3	Side Plate, LH, Front Housing	1
4	4-2345-4	Side Plate, RH, Front Housing	1
5	4-2347-5	Side Screen, RH, Front Housing ..	1
6	4-2347-6	Side Screen, LH, Front Housing ...	1
7	4-2347-7	Top Cover, Rear Housing (GTH-1048)	1
—	4-2345-7	Top Cover, Rear Housing (GTH-1056)	
8	4-2345-8	Side Plate, LH, Rear Housing	1
9	4-2345-9	Side Plate, RH, Rear Housing	1
10	4-2346-7	Access Cover, Front Housing	1
11	7-360-01	Plastic Holder	3
12	7-360-02	Latch, Rubber	3
13	7-173-03	Cable, Tether	2
14	7-194-81	Split Ring	2
15	6-5204-06	Cap Screw, 1/4 NC x 0.75 inch	8
16	6-5204-08	Cap Screw, 1/4 NC x 1 inch	3
17	6-6212-04	Flat Washer, 1/4	5
18	6-6205-04	Self Locking Nut, 1/4 NC	11
19	7-290-01	Body Bolt, 5/16 NC x 0.75 inch	36
20	6-5206-06	Cap Screw, 3/8 NC x 0.75 inch ...	13
21	6-6211-06	Lock Washer, 3/8	13
22	6-6212-06	Flat Washer, 3/8	13

Figure	Rev	Description
207.1	A	Stabilizer Assembly (all models)



Item	Part No.	Description	Qty.
1	4-2268	Stabilizer Frame	1
2	4-1166	Stabilizer Arm	2
3	3-1143	Stabilizer Pad	2
4	7-316-394	Stabilizer Cylinder	2
5	3-1479	Stabilizer Frame Pivot Pin	1
6	2-1093	Arm to Stabilizer Frame Pin	2
7	6-3612-02	Arm to Pad Pin	2
8	6-3312-102	Base Stabilizer Cylinder Pin	2
9	6-3012-02	Head Stabilizer Cylinder Pin	2
10	7-296-01	Tension Bushing, 1.5 I.D.	4
11	7-296-02	Tension Bushing, 2 I.D.	4
12	1-1505	Stabilizer Pivot Pin Retainer	1
13	6-6211-08	Lock Washer, 1/2	2
14	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	2
15	6-5208-30	Cap Screw, 1/2 NC x 3.75 inches	2
16	6-6201-08	Hex Nut, 1/2 inch	2
17	6-6211-08	Lock Washer, 1/2	2
18	6-5206-24	Cap Screw, 3/8 NC x 3 inches	8
19	6-6201-06	Hex Nut, 3/8 inch	8
20	6-6211-06	Lock Washer, 3/8	8
21	6-5212-84	Cap Screw, 3/4 NC x 10.5 inches	8
22	2-1256	Base Plate	2
23	6-6211-12	Lock Washer, 3/4	8
24	6-6201-12	Hex Nut, 3/4 inch	8
25	6-5205-06	Cap Screw, 5/16 NC x .75 inch	4
26	6-6211-05	Lock Washer, 5/16	4
27	3-1482	Valve Block Cover	2

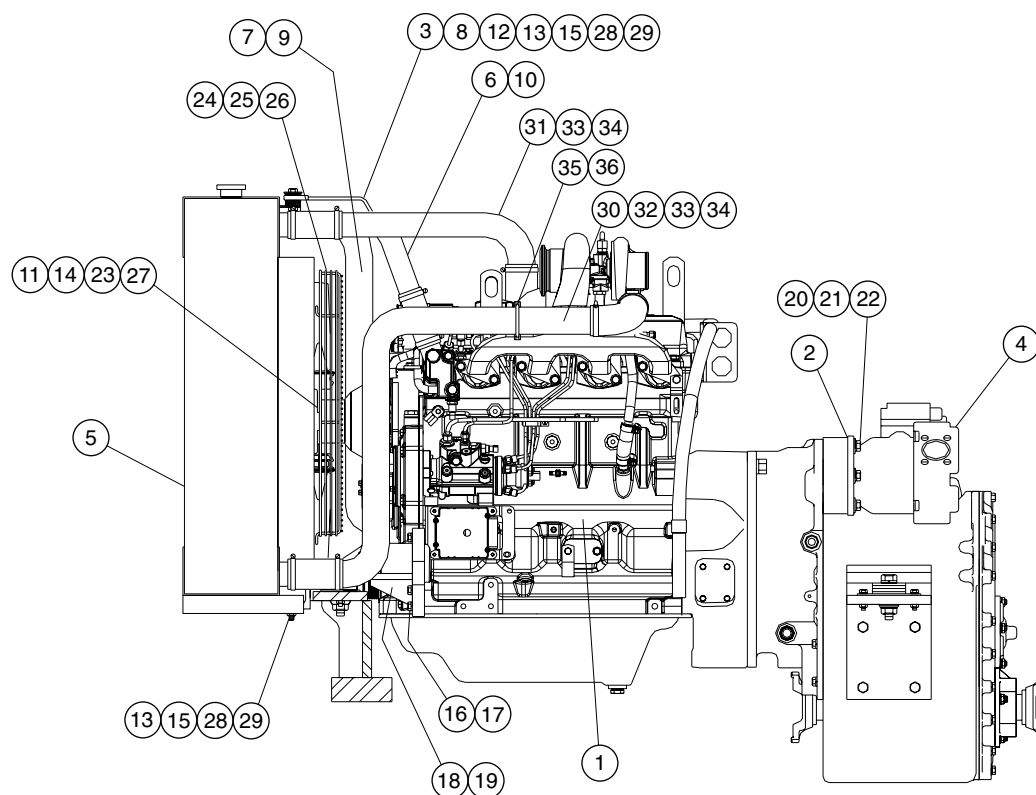
Figure	Rev	Description
301.1	A	Engine and Pump Assembly, JD-4045 Tier II (GTH-1048)



301.1
Engine and Pump Assembly, JD-4045 Tier II (GTH-1048) Rev A

Item	Part No.	Description	Qty.
1	7-183-193	Engine Assembly, JD-4045T	1
2	7-126-517	Gasket, Pump Drive	1
3	6-9111-10	Lock Washer, 10 mm	2
4	7-345-113	Pump Assembly	Ref.
5	7-183-187	Radiator	1
6	7-158-72	Radiator Hose, Upper	1
7	7-158-73	Radiator Hose, Lower	1
8	7-183-164	Mounting Strap, Radiator	1
9	6-6252-07	Clamp, Radiator Hose	2
10	6-6252-09	Clamp, Radiator Hose	2
11	7-183-70	Fan (with Engine)	Ref.
12	6-8510-20	Cap Screw, 10mm x 1.5 x 20mm	2
13	6-5206-16	Cap Screw, $\frac{3}{8}$ NC x 2 inches	3
14	7-183-96	Fan Spacer, 2 inch (with Engine)	Ref.
15	6-6205-06	Self Locking Nut, $\frac{3}{8}$ NC	3
16	6-8516-55	Cap Screw, 16 mm x 2 x 55 mm	4
17	6-9111-16	Lock Washer, 16 mm	4
18	4-2076	Engine Mount, LH	1
19	4-2077	Engine Mount, RH	1
20	6-5208-20	Cap Screw, $\frac{1}{2}$ NC x 2.5 inches	4
21	6-6212-08	Flat Washer, $\frac{1}{2}$	4
22	6-6211-08	Lock Washer, $\frac{1}{2}$	4
23	7-183-53	Fan Guard	1
24	6-6212-05	Flat Washer, $\frac{5}{16}$	4
25	6-5205-08	Cap Screw, $\frac{5}{16}$ NC x 1 inch	4
26	6-6211-05	Lock Washer, $\frac{5}{16}$	4
27	6-8110-80	Cap Screw, 10 mm x 1.5 x 80 mm	Ref.
28	7-190-04	Rubber Mount, Center Bonded	3
29	7-190-02	Washer, Bonded Rubber Mount	3

Figure	Rev	Description
302.1	A	Engine and Pump Assembly, JD-4045 Tier II (GTH-1056)

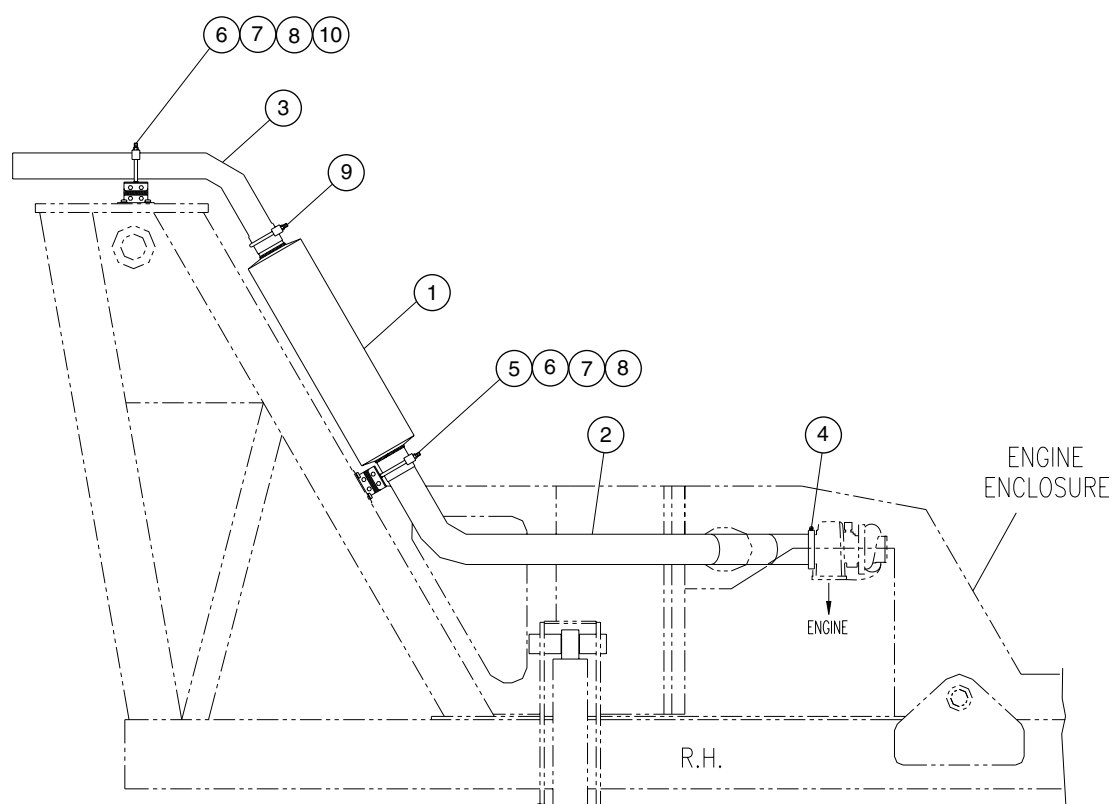


302.1
Engine and Pump Assembly, JD-4045 Tier II (GTH-1056) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-183-210	Engine Assembly, JD-4045T	1	30	7-183-218	90° Connector, CAC Line	1
2	7-126-517	Gasket, Pump Drive	1	31	7-183-226	CAC Line, Upper	1
3	6-9111-10	Lock Washer, 10mm	2	32	7-183-227	CAC Line, Lower	1
4	7-345-113	Pump Assembly	Ref.	33	7-272-13	T-Hose Clamp, 2 -1/8 inches	8
5	7-183-211	Radiator, Charge Air Cooler	1	34	7-183-228	Straight Connector, CAC Line	3
6	7-183-212	Radiator Hose, Upper	1	35	7-183-229	Clamp Bracket	1
7	7-183-213	Radiator Hose, Lower	1	36	7-183-230	Clamp, 2 inch	1
8	7-183-225	Mounting Strap, Radiator	1				
9	6-6252-07	Clamp, Radiator Hose	2				
10	6-6252-09	Clamp, Radiator Hose	2				
11	7-183-214	Fan (with Engine)	Ref.				
12	6-8510-20	Cap Screw, 10 mm x 1.5 x 20 mm	2				
13	6-5206-16	Cap Screw, 3/8 NC x 2 inches	3				
14	7-183-232	Fan Spacer, 4 inch (with Engine)	Ref.				
15	6-6205-06	Self Locking Nut, 3/8 NC	3				
16	6-8516-55	Cap Screw, 16 mm x 2 x 55 mm	4				
17	6-9111-16	Lock Washer, 16 mm	4				
18	7-183-216	Engine Mount, LH	1				
19	7-183-217	Engine Mount, RH	1				
20	6-5208-20	Cap Screw, 1/2 NC x 2.5 inches	4				
21	6-6212-08	Flat Washer, 1/2	4				
22	6-6211-08	Lock Washer, 1/2	4				
23	7-183-53	Fan Guard	1				
24	6-6212-05	Flat Washer, 5/16	4				
25	6-5205-08	Cap Screw, 5/16 NC x 1 inch	4				
26	6-6211-05	Lock Washer, 5/16	4				
27	6-8110-120	Cap Screw, 10 mm x 1.5 x 120 mm	Ref.				
28	7-190-04	Rubber Mount, Center Bonded	3				
29	7-190-02	Washer, Bonded Rubber Mount	3				



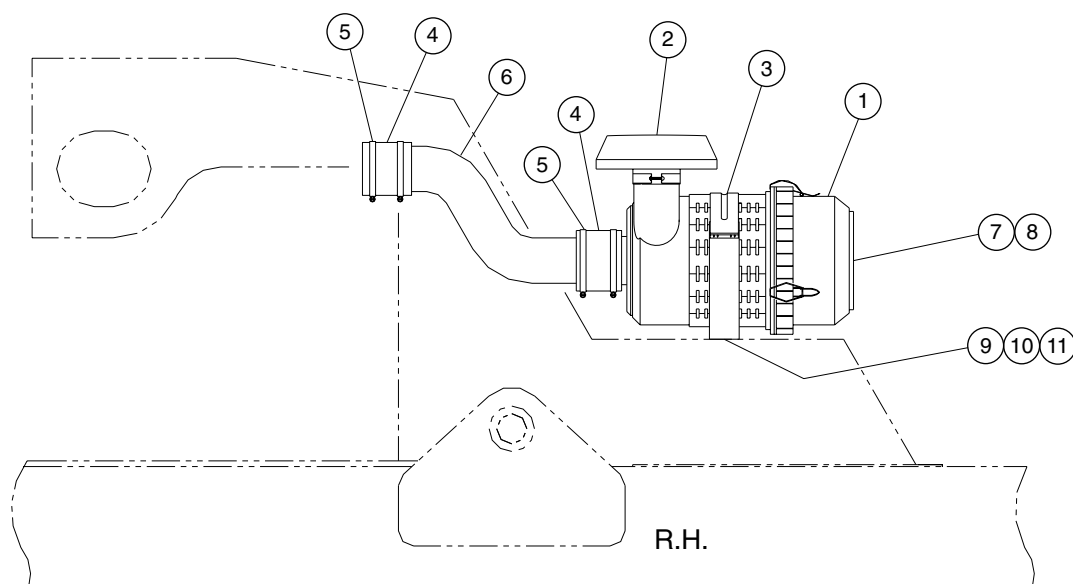
Figure	Rev	Description
303.1	A	Exhaust Assembly, JD-4045 Tier II (all models)



303.1
Exhaust Assembly, JD-4045 Tier II (all models) Rev A

Item	Part No.	Description	Qty.
1	7-282-05	Muffler	1
2	4-1721	Exhaust Pipe	1
3	3-1349	Tail Pipe	1
4	7-183-98	Clamp, V-Flange (with Engine)	Ref.
5	3-1481	Exhaust Bracket Assembly, 3 1/2 inch	1
6	6-5206-08	Cap Screw, 3/8 NC x 1 inch	4
7	6-6211-06	Lock Washer, 3/8	4
8	6-6212-06	Flat Washer, 3/8	4
9	7-319-14	Clamp, Muffler, 3 1/4 inch	1
10	3-1400	Exhaust Bracket Assembly, 3 inch	1

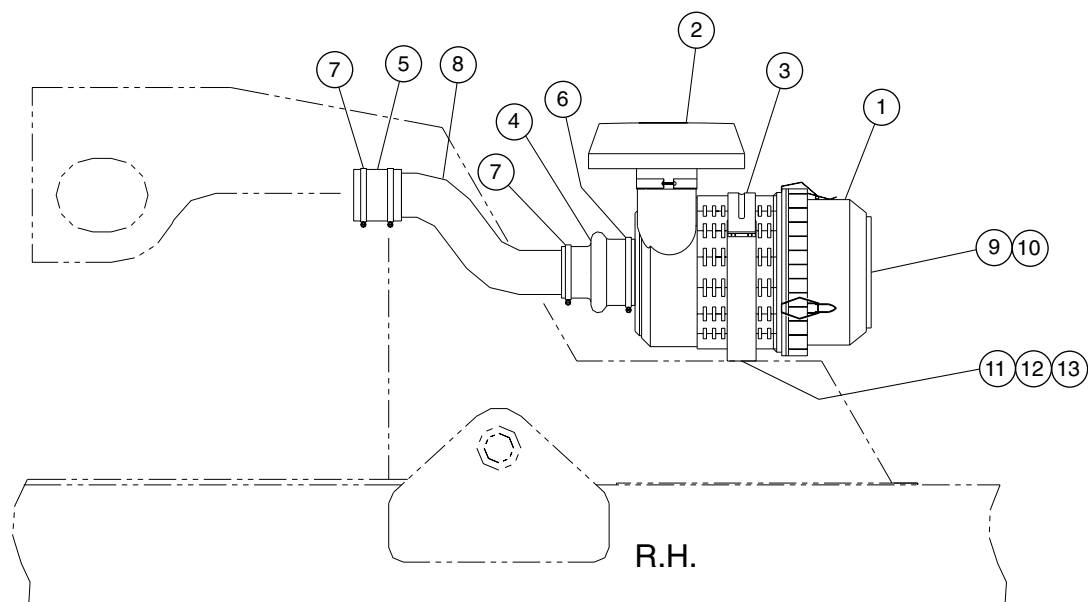
Figure	Rev	Description
304.1	A	Air Cleaner Assembly, JD-4045 Tier II (GTH-1048)



304.1
Air Cleaner Assembly, JD-4045 Tier II (GTH-1048) Rev A

Item	Part No.	Description	Qty.
1	7-109-16	Air Cleaner Assembly	1
2	7-109-02	Hood	1
3	7-109-03	Mounting Band	1
4	108612	Rubber Hose, 3 inch I.D.	2
5	6-6252-13	Clamp, Worm	4
6	3-1438	Air Inlet Pipe	1
7	7-109-04	Filter, Primary	Ref.
8	7-109-14	Filter, Secondary (not shown)	Ref.
9	6-5205-10	Cap Screw, $\frac{5}{16}$ NC x 1.25 inches	2
10	6-6212-05	Flat Washer, $\frac{5}{16}$	2
11	6-6205-05	Self Locking Nut, $\frac{5}{16}$ NC	2

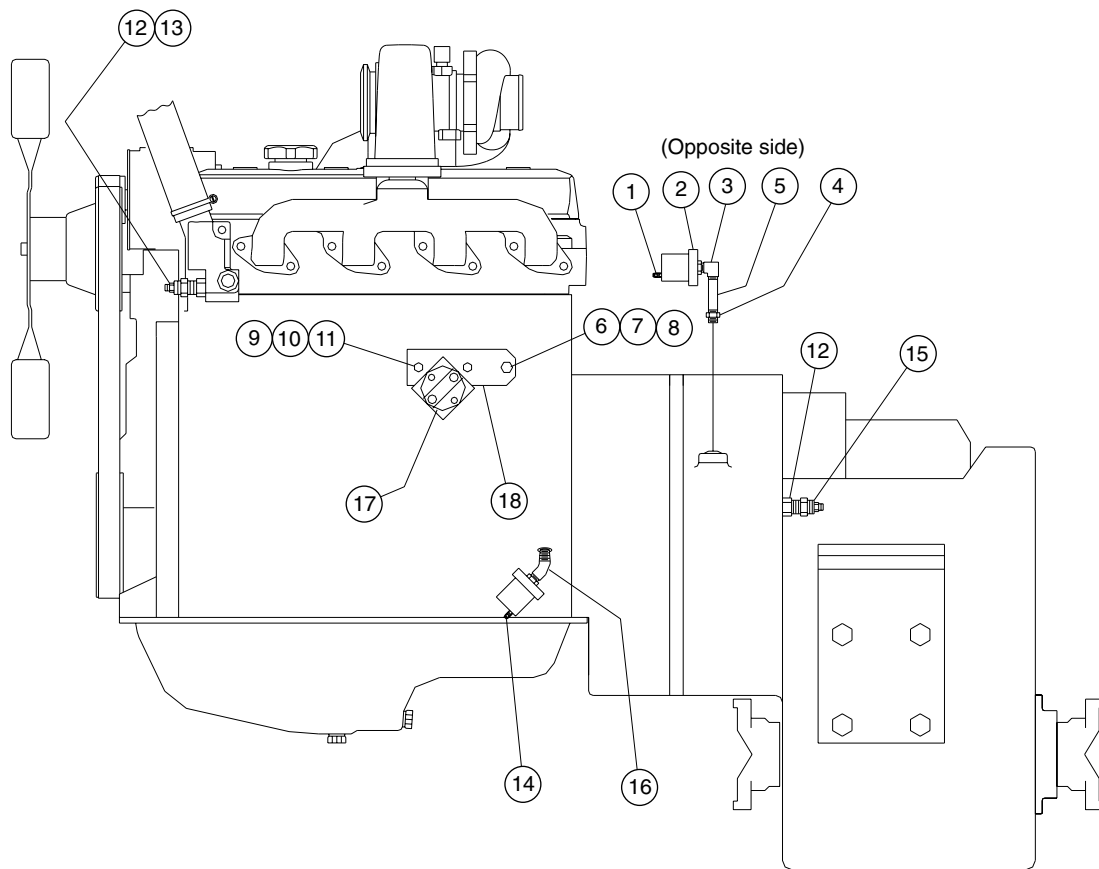
Figure	Rev	Description
305.1	A	Air Cleaner Assembly, JD-4045 Tier II (GTH-1056)



305.1
Air Cleaner Assembly, JD-4045 Tier II (GTH-1056) Rev A

Item	Part No.	Description	Qty.
1	7-109-09	Air Cleaner Assembly	1
2	7-109-10	Hood	1
3	7-109-11	Mounting Band	1
4	7-135-26	Hump Reducer, 4 I.D. x 3 I.D.	1
5	108612	Rubber Hose, 3 inch I.D.	1
6	6-6252-17	Clamp, Worm, #64	1
7	6-6252-13	Clamp, Worm, #48	3
8	3-1438	Air Inlet Pipe	1
9	7-109-12	Filter, Primary	Ref.
10	7-109-15	Filter, Secondary (not shown)	Ref.
11	6-5205-10	Cap Screw, 5/16 NC x 1.25 inches	2
12	6-6212-05	Flat Washer, 5/16	2
13	6-6205-05	Self Locking Nut, 5/16 NC	2

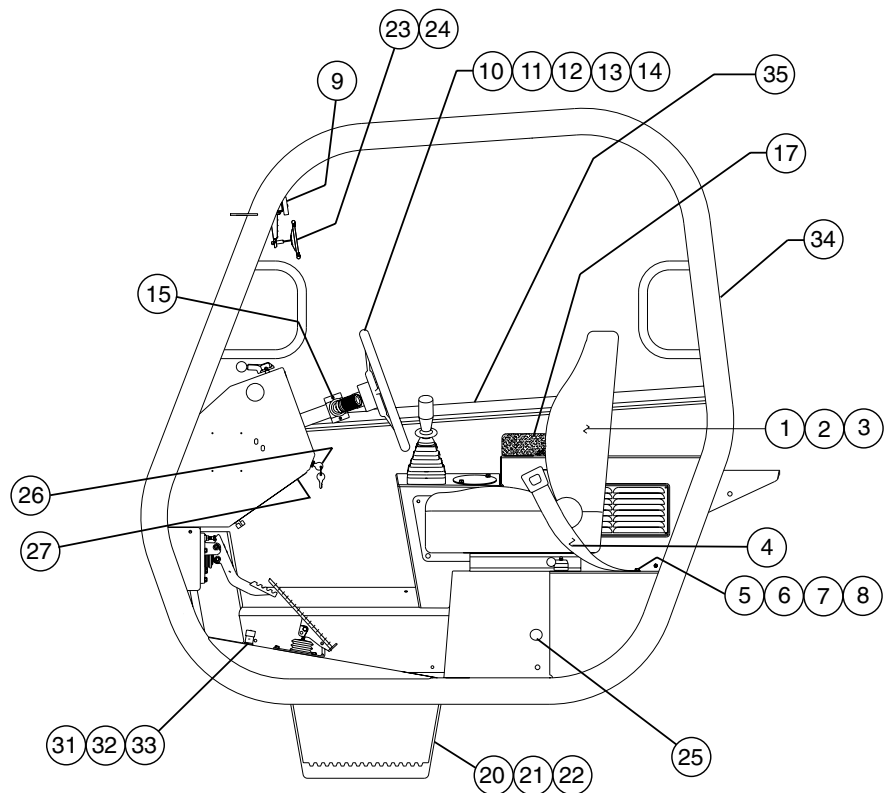
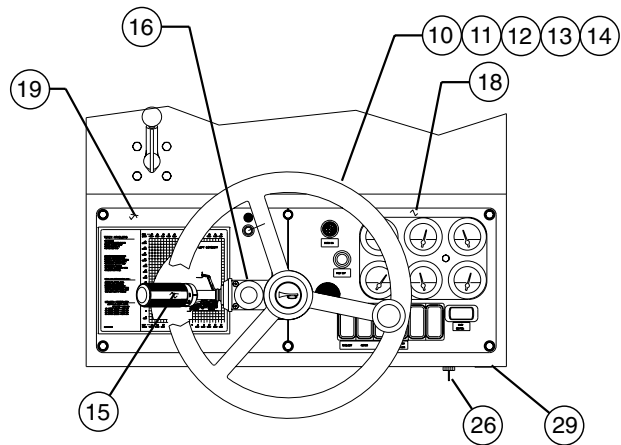
Figure	Rev	Description
306.1	A	Starter Relay/Sender Assembly, JD-4045 Tier II (all models)



306.1
Starter Relay/Sender Assembly, JD-4045 Tier II (all models) Rev A

Item	Part No.	Description	Qty.
1	6-6286-06	Hex Nut, #10-32	1
2	7-187-12	Sender, Transmission Oil Pressure	Ref.
3	6-6404-01	Fitting, 02 NPT Elbow	1
4	6-6458-02	Fitting, 06 OR x 02 NPT Reducer	1
5	6-6410-03	Fitting, 1/8 Pipe Nipple	1
6	6-8510-20	Cap Screw, 10 mm x 1.5 x 20 mm	1
7	6-9111-10	Lock Washer, 10 mm	1
8	6-9112-10	Flat Washer, 10 mm	1
9	6-5204-04	Cap Screw, 1/4 NC x 0.5 inch	2
10	6-6211-04	Lock Washer, 1/4	2
11	6-6212-04	Flat Washer, 1/4	2
12	6-6406-04	Fitting, NPT Reducer, 1/2 x 3/8	2
13	7-187-09	Sender, Engine Water Temperature	Ref.
14	7-187-05	Sender, Engine Oil Pressure ...	Ref.
15	7-187-07	Sender, Transmission Oil Temperature	Ref.
16	7-183-192	Fitting, 02 NPT 45 Brass ST. Elbow	1
17	7-183-18	Relay, Starter	1
18	1-1024	Mount, Starter Relay	1

Figure	Rev	Description
401.1	A	Operator's Compartment Assembly, View 1

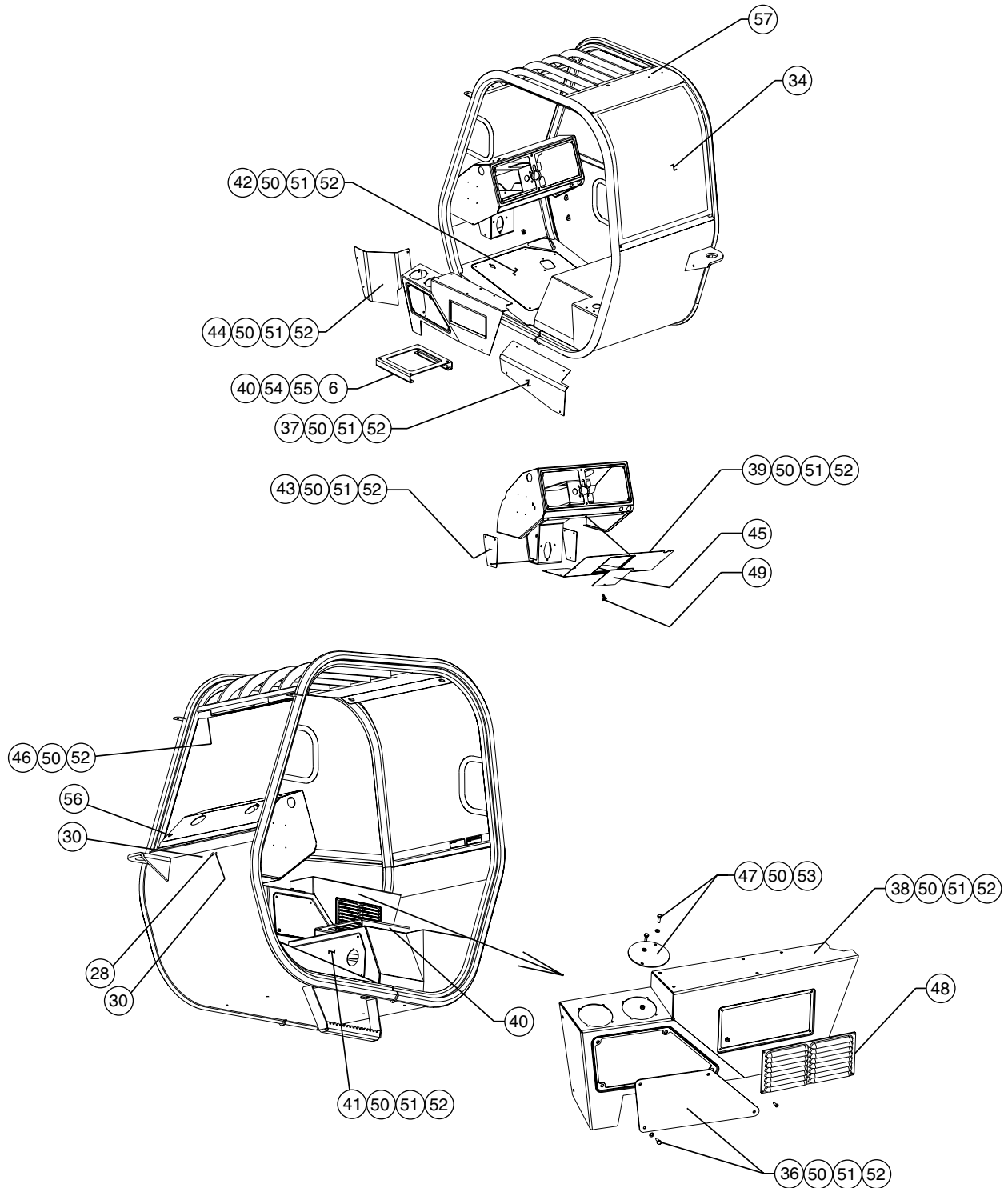


401.1
Operator's Compartment Assembly, View 1 Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-197-01	Seat	1	33	6-6211-04	Lock Washer, $\frac{1}{4}$	2
2	6-6211-05	Lock Washer, $\frac{5}{16}$	4	34	7-132-101	Glass, Rear Window, Tinted	Ref.
3	6-6201-05	Hex Nut, $\frac{5}{16}$ NC	4	35	46718	Trim Lock, $\frac{3}{16}$, Aluminum	56 inches
4	7-337-01	Seat Belt	1				
5	6-5205-08	Cap Screw, $\frac{5}{16}$ NC x 1 inch	2				
6	6-6212-05	Flat Washer, $\frac{5}{16}$	6				
7	6-6211-05	Lock Washer, $\frac{5}{16}$	2				
8	6-6201-05	Hex Nut, $\frac{5}{16}$ NC	2				
9	7-104-01	Level Gage	1				
10	7-147-48	Steering Orbital	Ref.				
11	7-147-40	Steering Wheel	1				
12	7-147-41	Horn Button Kit	1				
13	7-147-04	Nut, Steering Wheel	Ref.				
14	7-147-47	Column, Steering (includes item 13)	1				
15	7-125-05	Transmission Column Shift Control	1				
16	7-194-40	Grommet, Transmission Shifter Harness	1				
17	7-153-01	Arm Rest Pad	1				
18	7-132-03	Dash Panel, Right Side	1				
19	7-132-04	Dash Panel, Left Side	1				
20	7-132-08	Step, Cab	1				
21	6-5208-10	Cap Screw, $\frac{1}{2}$ NC x 1.25 inches	2				
22	6-6211-08	Lock Washer, $\frac{1}{2}$	2				
23	7-192-01	Mirror, Interior	1				
24	6-6212-04	Flat Washer, $\frac{1}{4}$	1				
25	7-144-11	Hole Plug, 1 $\frac{3}{8}$, Seat Box Side	1				
26	7-146-01	Switch, Ignition, Key	Ref.				
27	7-144-02	Hole Plug, $\frac{5}{8}$, Ether Button	1				
29	7-144-10	Hole Plug, 1 $\frac{3}{16}$, 12V Accessory Plug	1				
31	7-127-09	Switch, Differential Lock	Ref.				
32	6-5204-04	Cap Screw, $\frac{1}{4}$ NC x 0.5 inch	2				

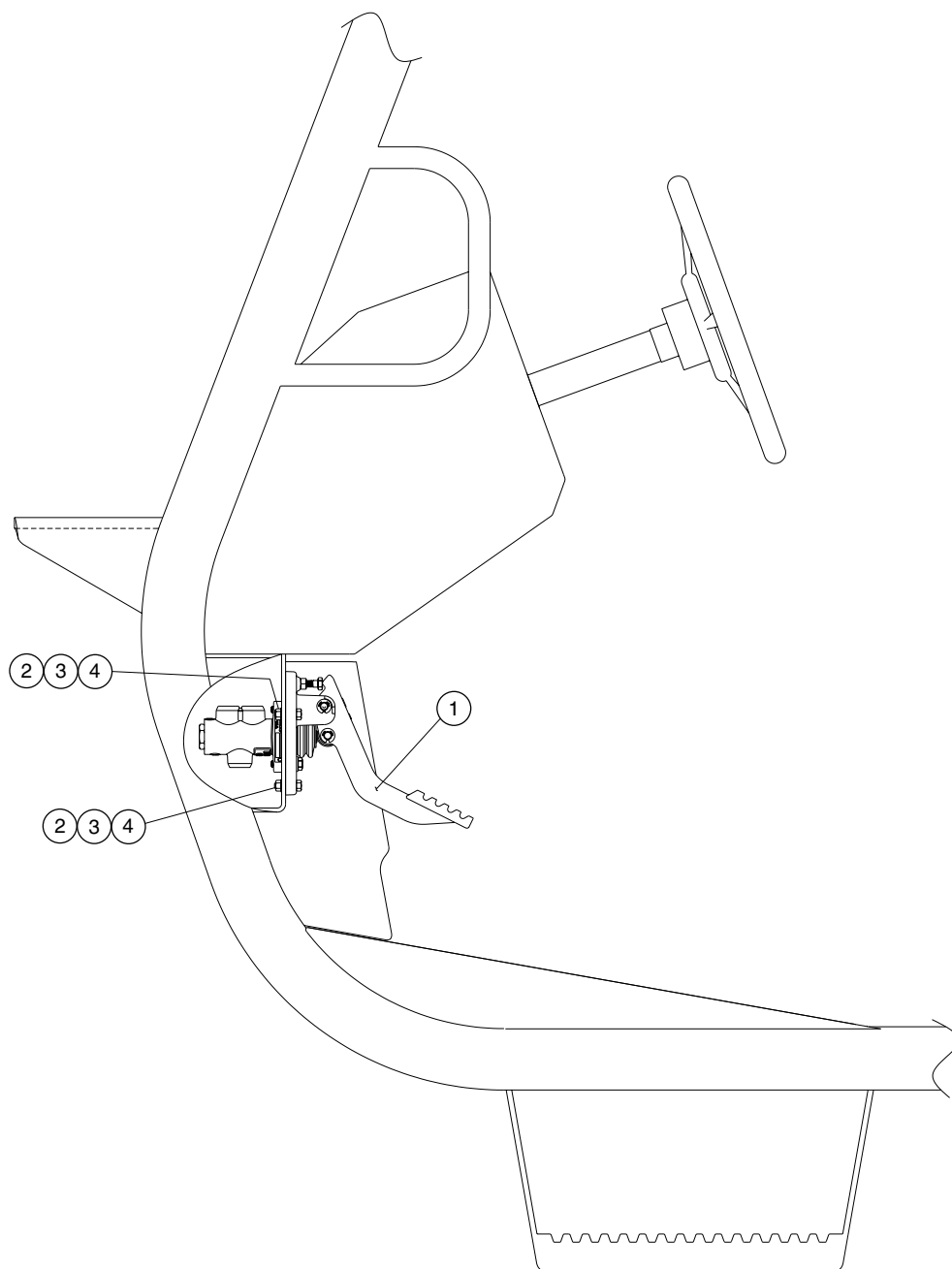


Figure	Rev	Description
402.1	A	Operator's Compartment Assembly, View 2



Item	Part No.	Description	Qty.
6	6-6212-05	Flat Washer, ⁵ / ₁₆	6
28	7-144-03	Hole Plug, ³ / ₄ , Wiper Shaft	1
30	7-144-07	Hole Plug, ³ / ₈ , Wiper Bolts	2
34	7-132-101	Glass, Rear Window, Tinted	Ref.
36	7-132-116	Access Panel, Joystick	Ref.
37	7-132-105	Cover, Side Hose	Ref.
38	7-132-106	Side Console, Bolt-on	Ref.
39	7-132-107	Console Cover, Lower Front ...	Ref.
40	7-132-108	Seat Riser	Ref.
41	7-132-109	Cover, Seat Box	Ref.
42	7-132-110	Cover, Foot Pedal	Ref.
43	7-132-111	Cover, Brake Actuator Access	Ref.
44	7-132-112	Cover, Front Hose	Ref.
45	7-132-113	Cover, Fuse Panel	Ref.
46	7-132-114	Mount, Fan	Ref.
47	7-132-115	Cover, Joystick	Ref.
48	7-132-122	Grill, Heater	Ref.
49	7-132-22	Bolt, Tri-wing	Ref.
50	6-5204-06	Cap Screw, ¹ / ₄ NC x 0.75 inch ...	44
51	6-6211-04	Lock Washer, ¹ / ₄	42
52	6-6212-04	Flat Washer, ¹ / ₄	44
53	6-6205-04	Self Locking Nut, ¹ / ₄ NC	2
54	6-5205-06	Cap Screw, ⁵ / ₁₆ NC x 0.75 inch	4
55	6-6205-05	Self Locking Nut, ⁵ / ₁₆ NC	4
56	7-144-06	Hole Plug, ⁷ / ₈ , Front of Dash	1
57	7-144-07	Hole Plug, ³ / ₈ , Strobe Light Wires	Ref.

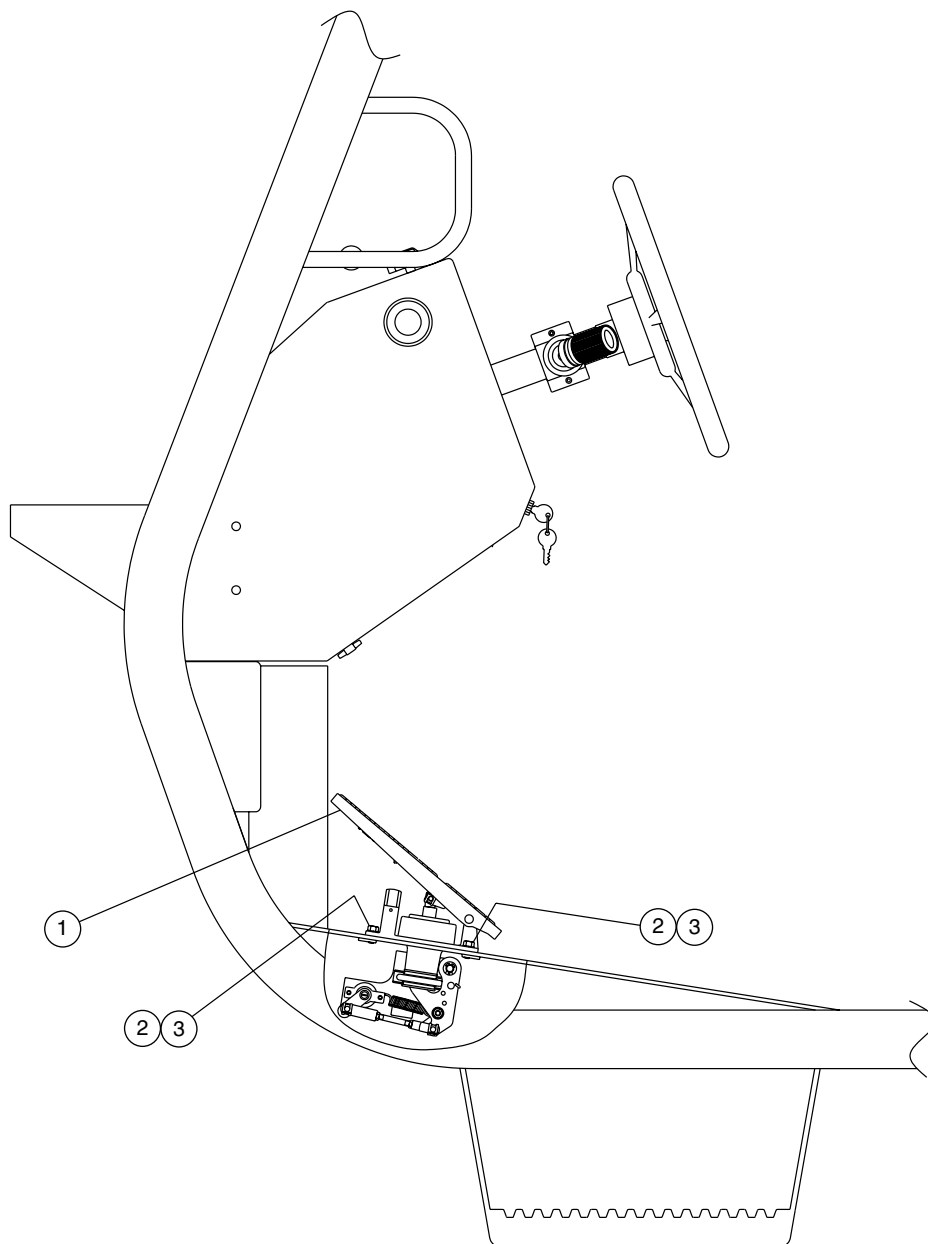
Figure	Rev	Description
403.1	A	Foot Brake Assembly



403.1
Foot Brake Assembly Rev A

Item	Part No.	Description	Qty.
1	7-198-48	Brake Pedal, Hanging	1
—	7-198-49	Seal Kit	
2	6-5206-10	Cap Screw, 3/8 NC x 1.25 inches	3
3	6-6211-06	Lock Washer, 3/8	3
4	6-6201-06	Hex Nut, 3/8 NC	3

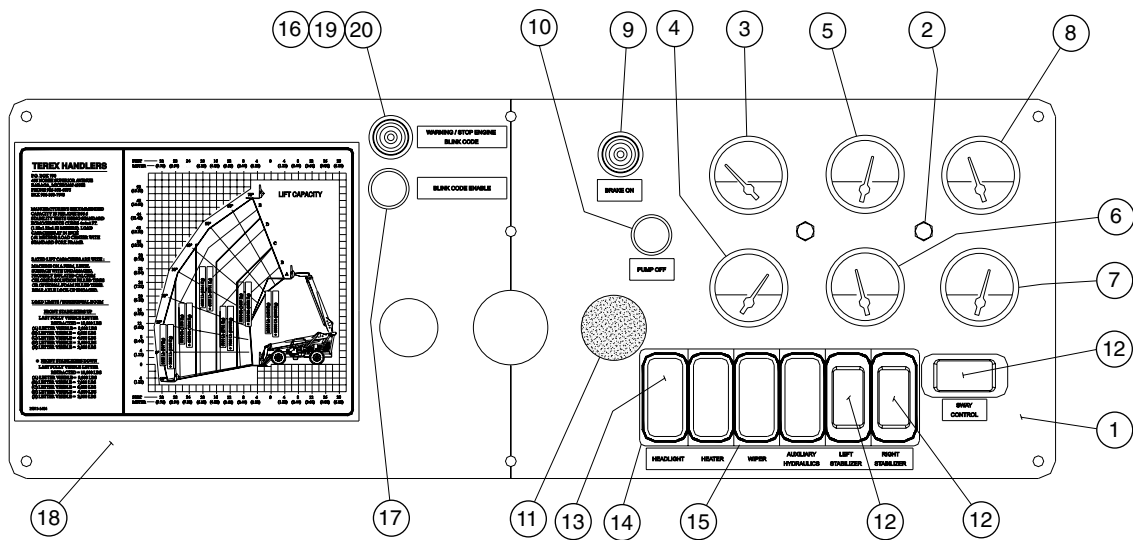
Figure	Rev	Description
404.1	A	Accelerator Assembly



404.1
Accelerator Assembly Rev A

Item	Part No.	Description	Qty.
1	108823	Accelerator Pedal Assembly	1
2	6-5204-06	Cap Screw, $\frac{1}{4}$ NC x 0.75 inch	3
3	6-6211-04	Lock Washer, $\frac{1}{4}$	3

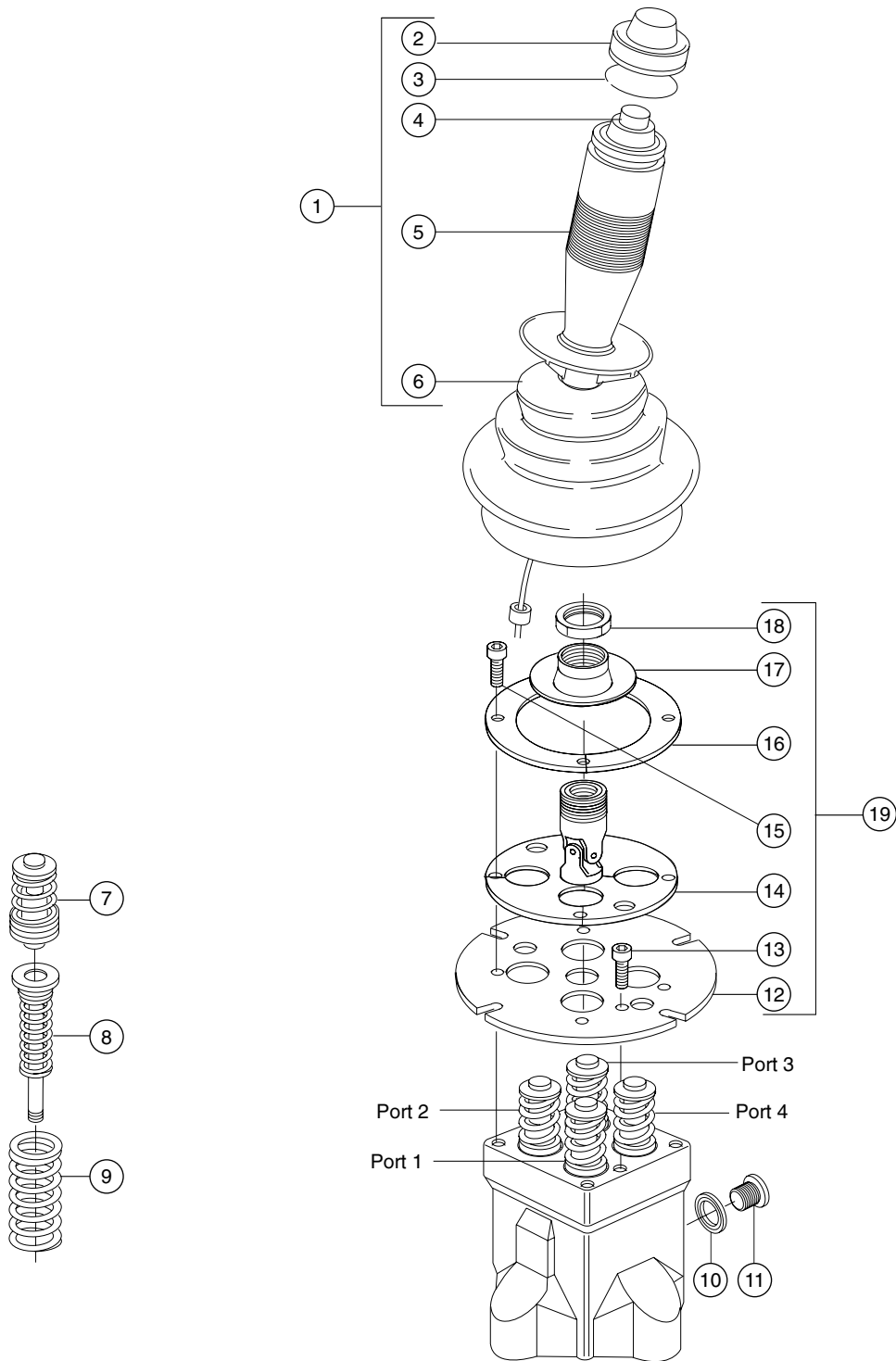
Figure	Rev	Description
405.1	A	Instrument Panel Assembly



405.1
Instrument Panel Assembly Rev A

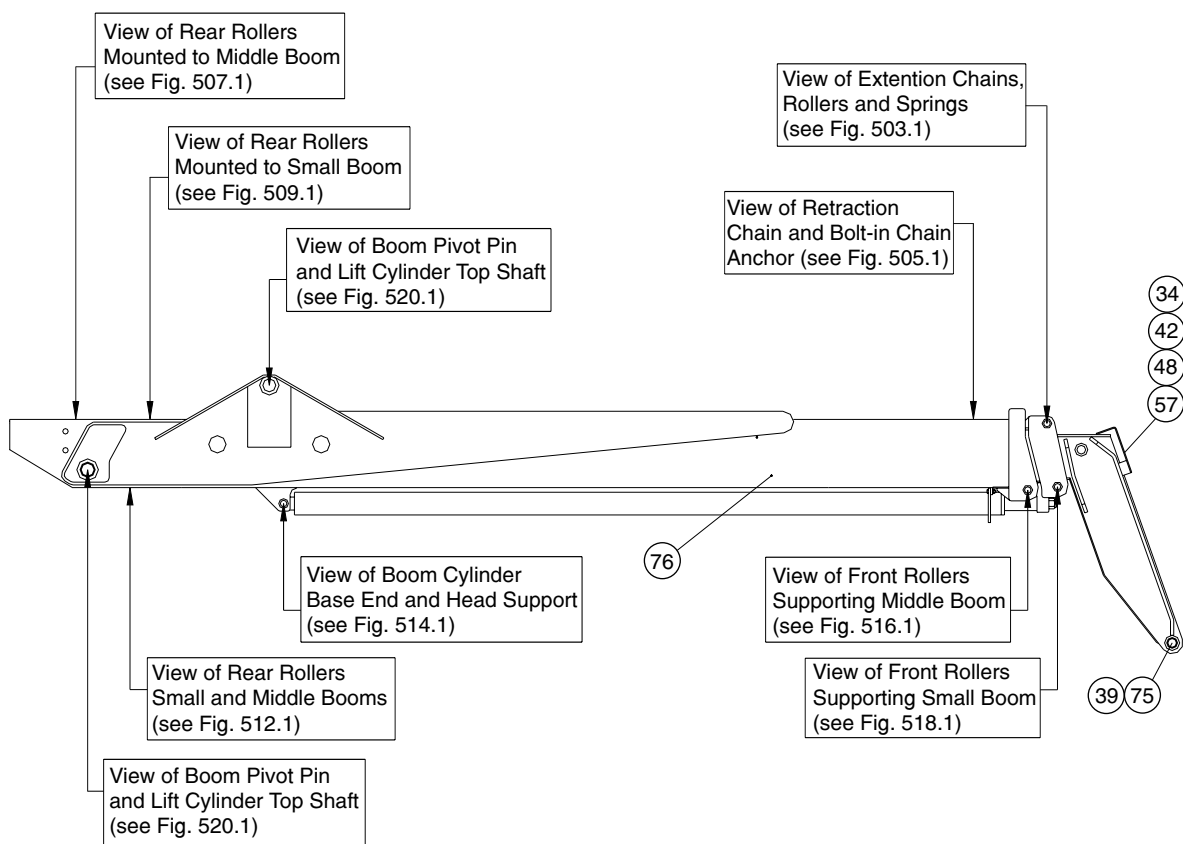
Item	Part No.	Description	Qty.
1	7-132-03	Dash Panel, Right Side	Ref.
2	6-5204-06	Cap Screw, 1/4 NC x 0.75 inch	2
3	7-187-02	Gauge, Fuel	1
4	7-187-04	Gauge, Engine Oil Pressure	1
5	7-187-06	Gauge, Transmission Oil Temp	1
6	7-187-08	Gauge, Engine Water Temp	1
7	7-187-10	Gauge, Voltmeter	1
8	7-187-11	Gauge, Transmission Oil Pressure	1
9	7-127-05	Light, Warning	1
10	7-319-03	Switch, Pushbutton, Destroke	1
11	7-144-11	Hole Plug, 1 3/8, Turn Signal	1
12	7-164-04	Switch, Sway-Stablizers	3
13	7-164-05	NGR Panel Plug	4
14	7-164-06	End Bezel	2
15	7-164-07	Center Bezel	4
16	7-101-05	Light Socket, Blink Code	1
17	7-319-03	Switch, Pushbutton, Blink Code ...	1
18	7-132-04	Dash Panel, Left Side	Ref.
19	7-101-06	Amber Lens	1
20	7-101-07	Bulb	1

Figure	Rev	Description
406.1	A	4-Way Controller Assembly



Item	Part No.	Description	Qty.
1	7-200-153	Handle Assembly (includes items 2 -6)	Ref.
2	7-200-09	Rubber Cap	1
3	7-200-10	Lock Ring	1
4	7-200-07	Switch	1
5		Handle	1
6	7-200-154	Bellows	1
7	7-200-128	Pin Set (port 1 and port 3)	2
	7-200-129	Pin Set (port 2 and port 4)	2
8	7-200-158	Spring Pack	4
9	7-200-159	Return Spring	4
10	7-200-160	Flat Seal	1
11	7-200-161	Plug	1
12		Mounting Plate	1
13	7-200-157	Screw	2
14		Swivel Plate	1
15	7-200-156	Screw	4
16		Retaining Ring	1
17		Threaded Cap	1
18		Retainer Nut	1
19	7-200-155	Mounting Plate Assembly (includes items 12 -18)	Ref.

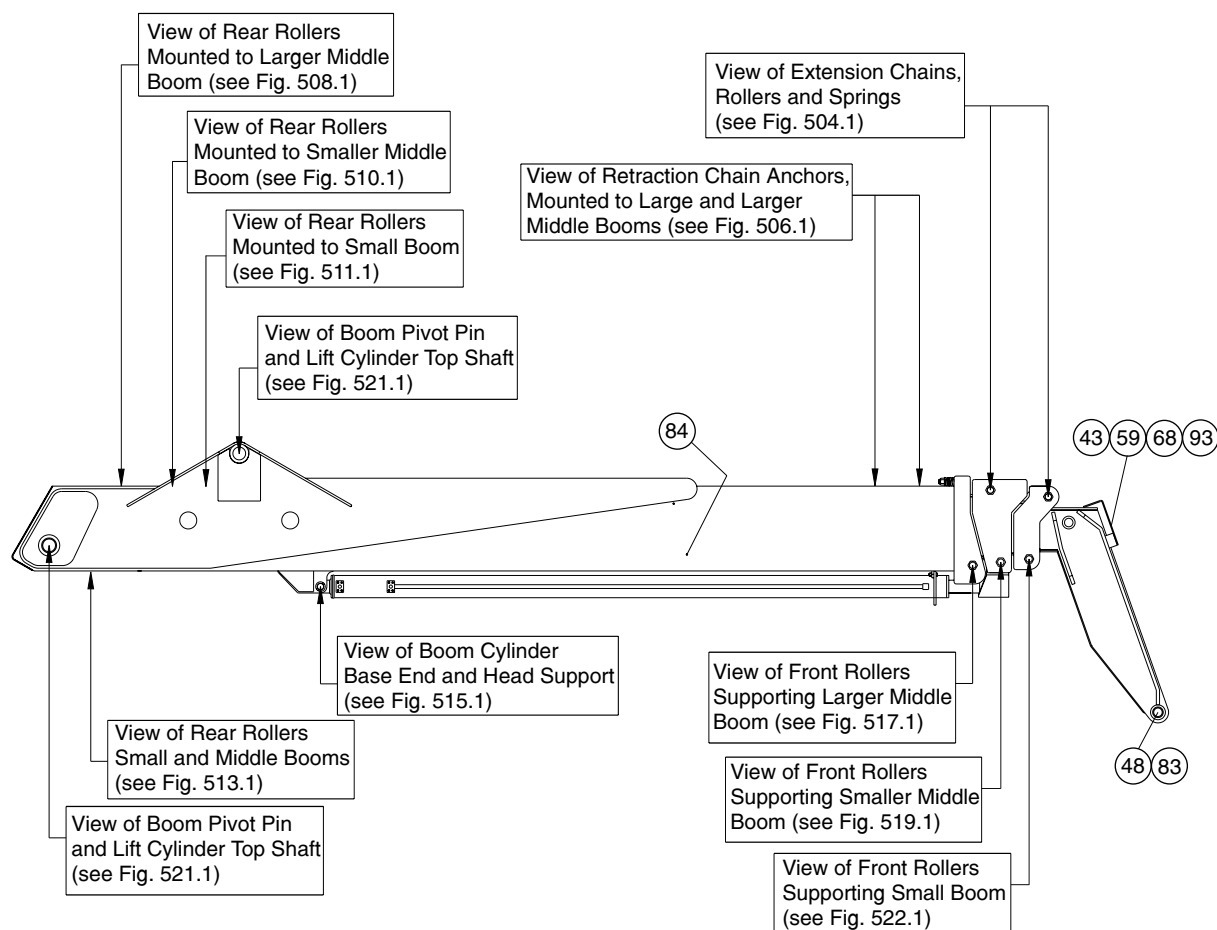
Figure	Rev	Description
501.1	A	Boom Assembly, View 1 (GTH-1048)



501.1
Boom Assembly, View 1 (GTH-1048) Rev A

Item	Part No.	Description	Qty.
34	3-1246	Guard, Tilt Valve	1
39	6-4516-24	Bronze Bushing, Small Boom	2
42	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	14
48	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch	6
57	6-6212-06	Flat Washer, $\frac{3}{8}$ inch	6
75	6-6301	Lube Fitting, $\frac{1}{8}$ NPT Straight	4
76	6-6306	Lube Fitting, $\frac{1}{4}$ -28 Straight	8

Figure	Rev	Description
502.1	A	Boom Assembly, View 1 (GTH-1056)

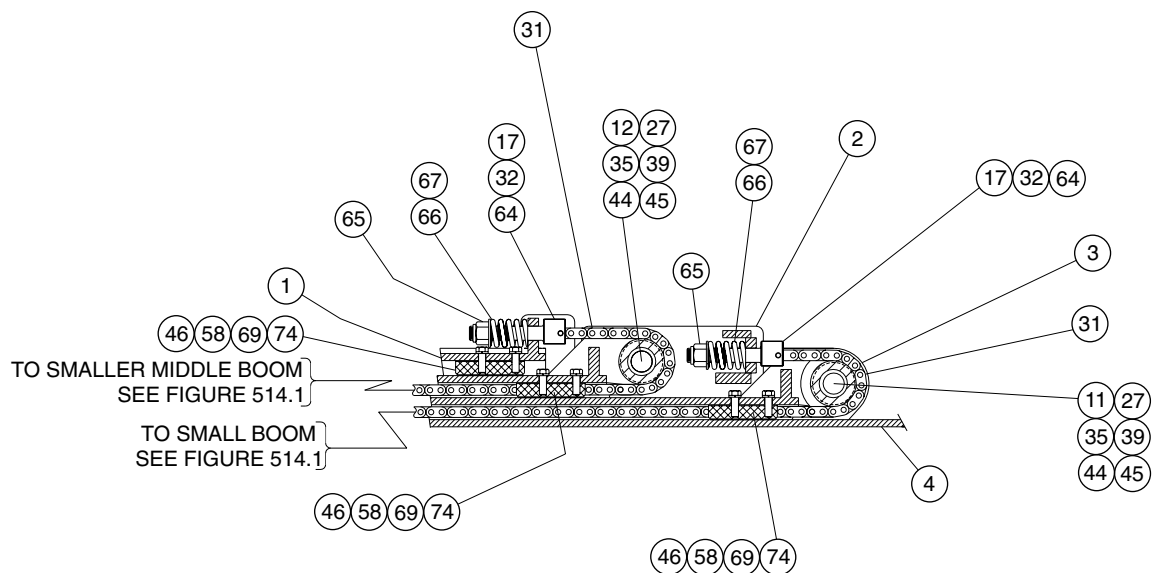


502.1
Boom Assembly, View 1 (GTH-1056) Rev A

Item	Part No.	Description	Qty.
43	3-1246	Guard, Tilt Valve	1
48	6-4516-24	Bronze Bushing, Small Boom	2
59	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch	8
68	6-6212-06	Flat Washer, $\frac{3}{8}$ inch	8
83	6-6301	Lube Fitting, $\frac{1}{8}$ NPT Straight	4
84	6-6306	Lube Fitting, $\frac{1}{4}$ -28 Straight	12
93	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	6

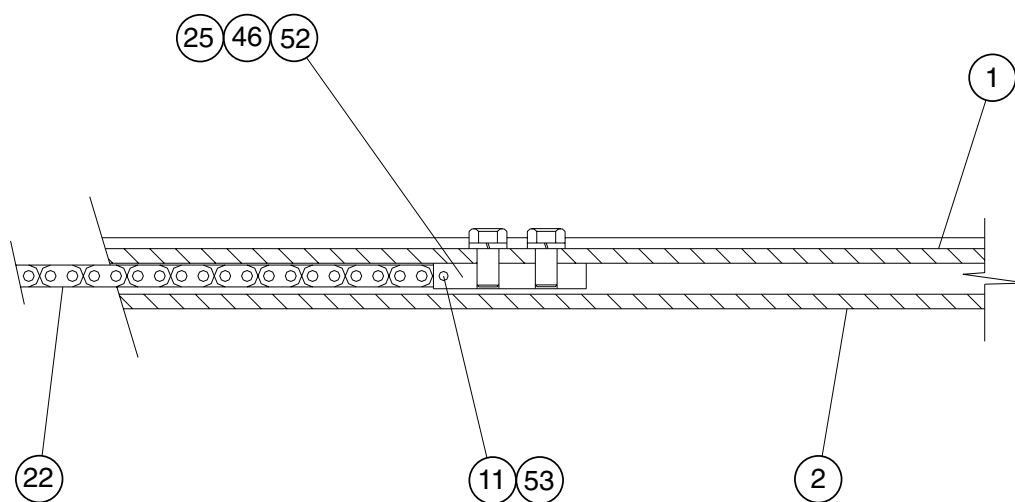
Item	Part No.	Description	Qty.
3	4-1440	Small Boom	1
10	4-1073-4	Pin, Front, Chain Sheave	1
11	2-1052-3	Pin, Leaf Chain	6
20	4-1246-4B	Sheave, Chain, Front (includes item 27)	2
23	5-2040-257	Leaf Chain, Extension	2
24	4-1237-1	Chain Anchor, Adjustable	2
27	7-193-05	Needle Bearing, 1.5 inch ID	10
31	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125	4
35	6-6206-24	Self Locking Nut, 1 ¹ / ₂ NF	8
36	6-6215-24	Flat Washer, 1 ¹ / ₂ inch	6
37	2-1184	Wear Pad, Boom	4
47	6-5208-10	Cap Screw, ¹ / ₂ NC x 1.25 inches	8
53	6-6243-06	Cotter Pin, ³ / ₃₂ x 0.75 inch	12
54	7-142-01	Self Locking Nut, 1-12 THD.	2
55	7-194-01	Spring, Compression	2
56	6-6215-16	Flat Washer, 1 inch	2
58	6-6211-08	Lock Washer, ¹ / ₂ inch	12
64	1-1101-3	Shim, ³ / ₁₆	4

Figure	Rev	Description
504.1	A	Boom Assembly, View 2 (GTH-1056)



Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
11	4-2121-6	Pin, M-Boom (Small), Front Chain Sheave	1
12	4-2121-7	Pin, M-Boom (Large), Front-Top ..	1
17	2-1052-3	Pin, Leaf Chain	12
27	4-1246-4B	Sheave, Chain, Front (includes item 35)	4
31	5-2040-257	Leaf Chain, Extension	4
32	4-1237-1	Chain Anchor, Adjustable	4
35	7-193-05	Needle Bearing, 1.5 inch ID	14
39	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125	8
44	6-6206-24	Self Locking Nut, 1 1/2 NF	12
45	6-6215-24	Flat Washer, 1 1/2	10
46	2-1184	Wear Pad, Boom	6
58	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	12
64	6-6243-06	Cotter Pin, 3/32 x 0.75 inch	24
65	7-142-01	Self Locking Nut, 1-12 THD.	4
66	7-194-01	Spring, Compression	4
67	6-6215-16	Flat washer, 1 inch	4
69	6-6211-08	Lock Washer, 1/2 inch	14
74	1-1101-3	Shim, 3/16	6

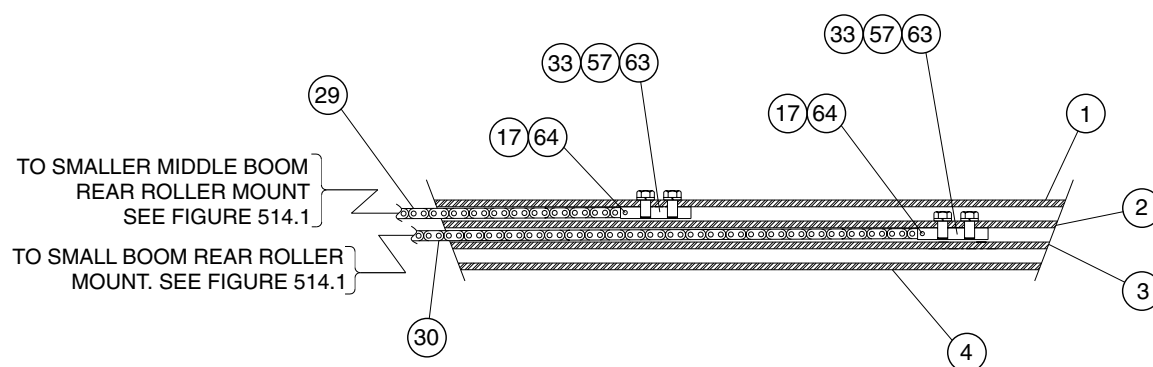
Figure	Rev	Description
505.1	A	Boom Assembly, View 3 (GTH-1048)



505.1
Boom Assembly, View 3 (GTH-1048) Rev A

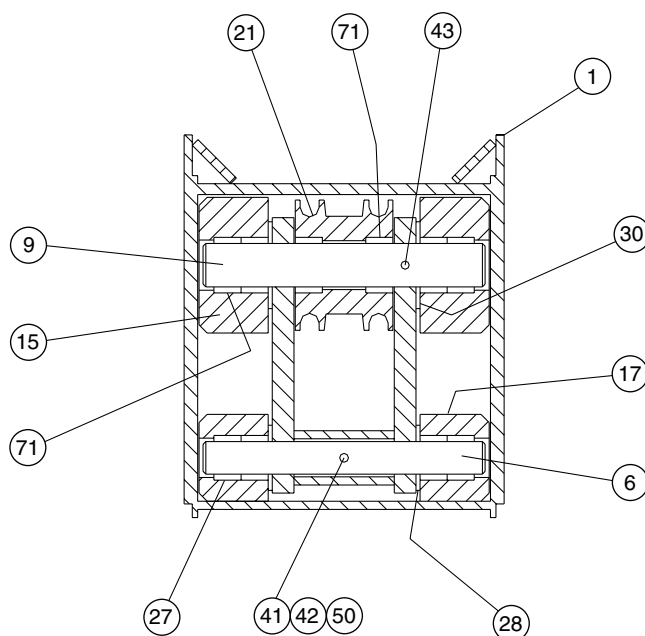
Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
2	4-2209	Middle Boom	1
11	2-1052-3	Pin, Leaf Chain	6
22	5-2040-257	Leaf Chain, Retraction	1
25	4-1237-2	Chain Anchor, Bolt-on	1
46	6-6211-12	Lock Washer, $\frac{3}{4}$ inch	4
52	6-5312-12	Cap Screw, $\frac{3}{4}$ NF x 1.5 inches	2
53	6-6243-06	Cotter Pin, $\frac{3}{32}$ x 0.75 inch	12

Figure	Rev	Description
506.1	A	Boom Assembly, View 3 (GTH-1056)



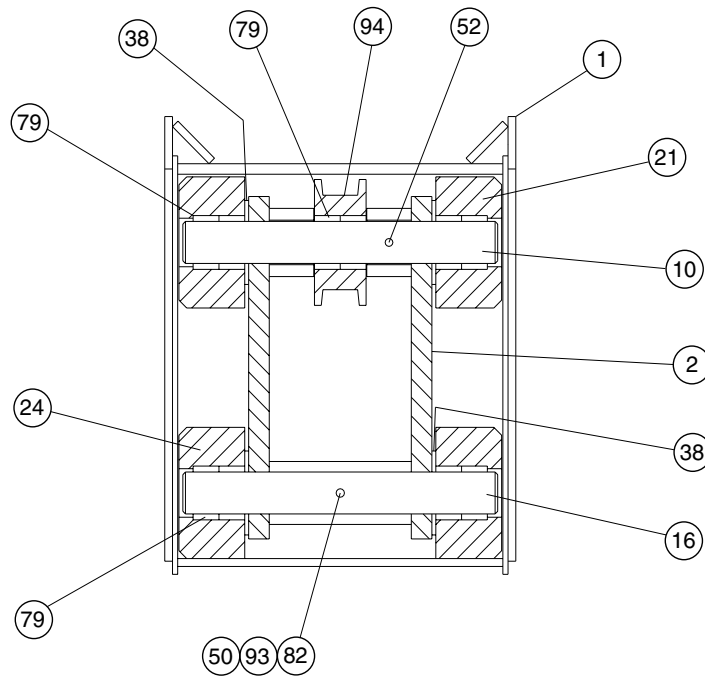
Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
17	2-1052-3	Pin, Leaf Chain	12
29	5-2040-237	Leaf Chain, Retraction, Large to Middle (Small)	1
30	5-2040-257	Leaf Chain, Retraction	1
33	4-1237-2	Chain Anchor, Bolt-on	2
57	6-6211-12	Lock Washer, $\frac{3}{4}$ inch	5
63	6-5312-12	Cap Screw, $\frac{3}{4}$ NF x 1.5 inches	4
64	6-6243-06	Cotter Pin, $\frac{3}{32}$ x 0.75 inch	24

Figure	Rev	Description
507.1	A	Boom Assembly, View 4 (GTH-1048)



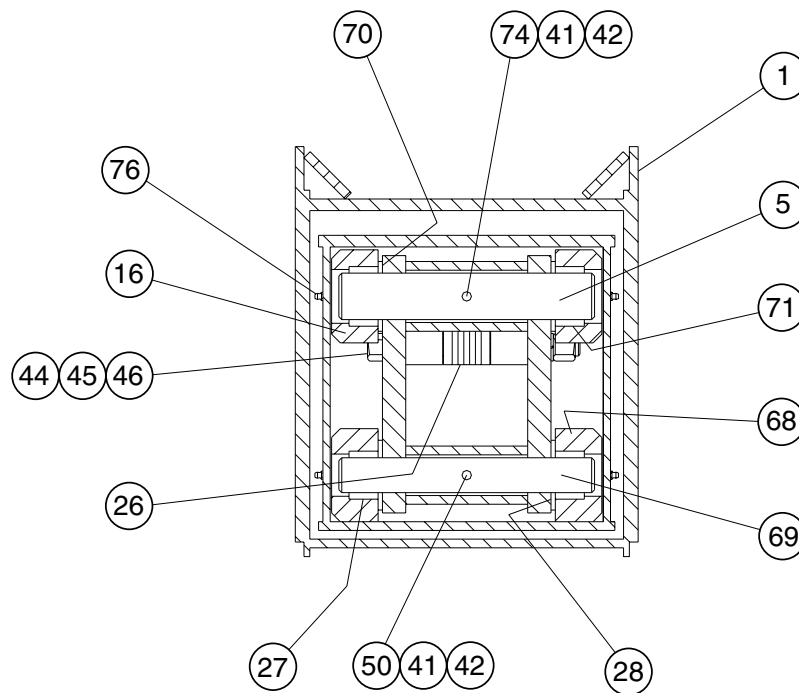
Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
6	4-1073-2	Pin, M-Boom, Rear-Bottom	1
9	4-1073-3	Pin, M-Boom, Rear-Top	1
15	4-1074-1B	Roller, M-Boom, Rear-Top (includes item 71)	2
17	4-1074-2B	Roller, M-Boom, Rear-Bottom (includes item 27)	2
21	4-1074-8B	Sheave, Hose (includes item 71)	1
27	7-193-05	Needle Bearing, 1.5 inch ID	10
28	6-6600-04	Thrust Washer, 3.5 x 1.5 x 0.188 inch	4
30	6-6600-05	Thrust Washer, 4 x 2 x 0.188 inch	4
41	6-6201-06	Hex Nut, $\frac{3}{8}$ NC	4
42	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	14
43	6-6275-04	Set Screw, $\frac{3}{8}$ NC x $\frac{3}{4}$ inch	2
50	6-5206-24	Cap Screw, $\frac{3}{8}$ NC x 3 inches	2
71	7-193-07	Needle Bearing, 2 inch ID	16

Figure	Rev	Description
508.1	A	Boom Assembly, View 4 (GTH-1056)



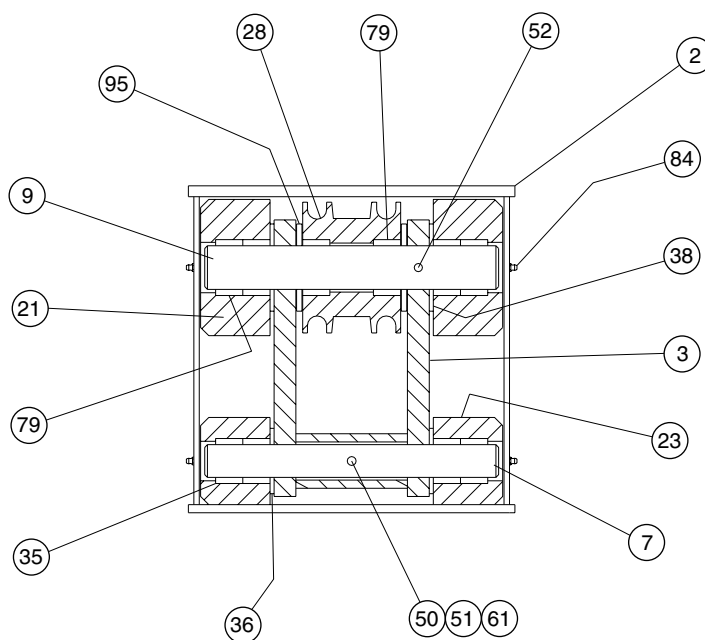
Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
2	4-2206	Middle Boom (Large)	1
10	4-2121-5	Pin, M-Boom (Large), Rear-Top ...	1
16	4-2121-11	Pin, M-Boom (Large), Rear-Bottom	1
21	4-1074-1B	Roller, M-Boom (Small and Large), Rear-Top (includes item 79)	4
24	4-1074-1B	Roller, M-Boom (Large), Rear-Bottom (includes item 79)	2
38	6-6600-05	Thrust Washer, 4 x 2 x 0.188	8
50	6-6201-06	Hex Nut, $\frac{3}{8}$ NC	5
52	6-6275-04	Set Screw, $\frac{3}{8}$ NC x 0.75 inch	3
79	7-193-07	Needle Bearing, 2 inch ID	30
82	6-5206-28	Cap Screw, $\frac{3}{8}$ NC x 3.5 inches	2
93	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	6
94	2-1234B	Sheave, Chain, Mid-Boom, (Large) (includes item 79)	1

Figure	Rev	Description
509.1	A	Boom Assembly, View 5 (GTH-1048)



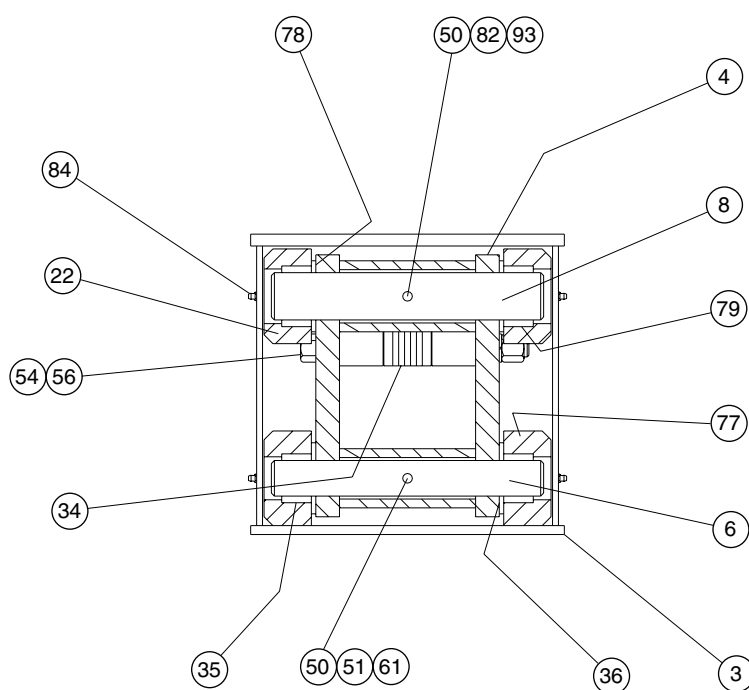
Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
5	4-1449-1	Pin, S-Boom, Rear-Top	1
16	4-1475-1B	Roller, S-Boom, Rear-Top (includes item 71)	2
26	4-1237-4	Chain Anchor, Pinned	1
27	7-193-05	Needle Bearing, 1.5 inch ID	10
28	6-6600-04	Thrust Washer, 3.5 x 1.5 x 0.188	4
41	6-6201-06	Hex Nut, $\frac{3}{8}$ NC	4
42	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	14
44	6-5312-68	Cap Screw, $\frac{3}{4}$ NF x 8.5 inches	1
45	6-6202-12	Hex Nut, $\frac{3}{4}$ NF	2
46	6-6211-12	Lock Washer, $\frac{3}{4}$ inch	4
50	6-5206-24	Cap Screw, $\frac{3}{8}$ NC x 3 inches	2
68	4-1074-3B	Roller, S-Boom, Rear-Bottom (includes item 27)	2
69	4-1073-1	Pin, S-Boom, Rear-Bottom	1
70	6-6600-03	Thrust Washer, 3 x 2 x 0.188	2
71	7-193-07	Needle Bearing, 2 inch ID	16
74	6-5206-28	Cap Screw, $\frac{3}{8}$ NC x 3.5 inches	1
76	6-6306	Lube Fitting, $\frac{1}{4}$ -28 Straight	8

Figure	Rev	Description
510.1	A	Boom Assembly, View 5 (GTH-1056)



Item	Part No.	Description	Qty.
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
7	4-2121-2	Pin, M-Boom (Small), Rear-Bottom	1
9	4-2121-4	Pin, M-Boom (Small), Rear-Top ...	1
21	4-1074-1B	Roller, M-Boom (Small and Large), Rear-Top (includes item 79)	4
23	4-1074-2B	Roller, M-Boom (Small), Rear-Bottom (includes item 35)	2
28	4-1074-8B	Sheave, Hose, M-Boom (Small) (includes item 79)	1
35	7-193-05	Needle Bearing, 1.5 inch ID	14
36	6-6600-04	Thrust Washer, 3.5 x 1.5 x 0.188	4
38	6-6600-05	Thrust Washer, 4 x 2 x 0.188	8
50	6-6201-06	Hex Nut, $\frac{3}{8}$ NC	5
51	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	11
52	6-6275-04	Set Screw, $\frac{3}{8}$ NC x 0.75 inch	3
61	6-5206-24	Cap Screw, $\frac{3}{8}$ NC x 3 inches	2
79	7-193-07	Needle Bearing, 2 inch ID	30
84	6-6306	Lube Fitting, $\frac{1}{4}$ -28 Straight	12
95	6-6600-15	Thrust Washer, 4 x 2 x 0.25	2

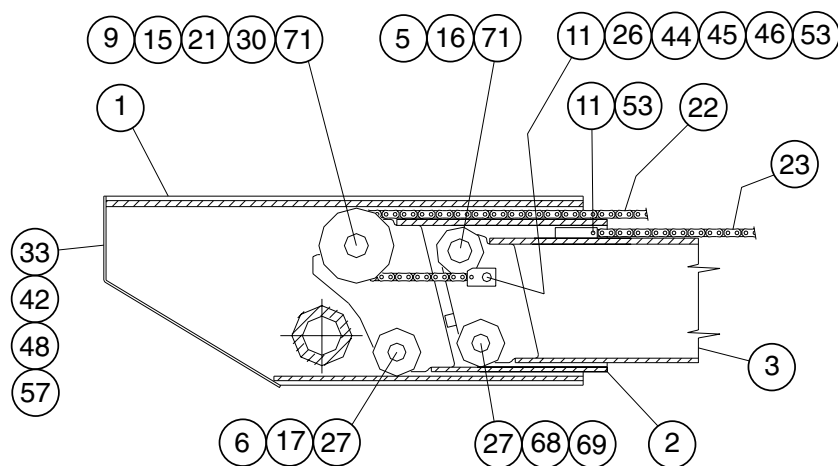
Figure	Rev	Description
511.1	A	Boom Assembly, View 6 (GTH-1056)



511.1
Boom Assembly, View 6 (GTH-1056) Rev A

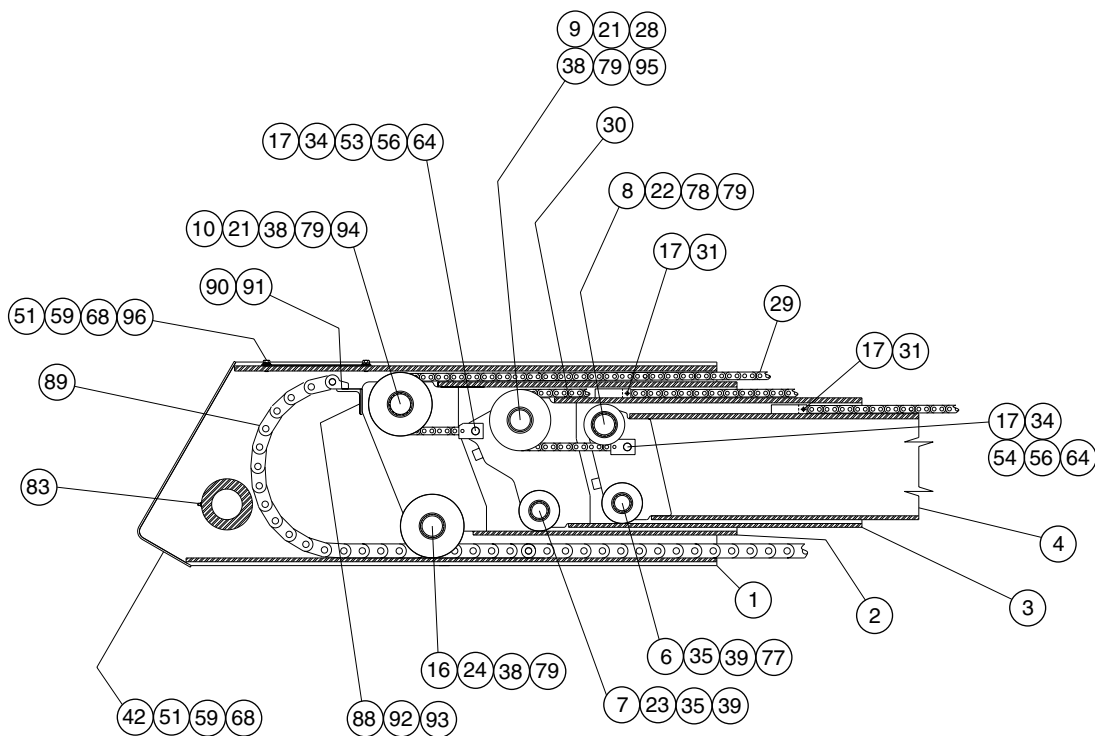
Item	Part No.	Description	Qty.
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
6	4-2121-1	Pin, S-Boom, Rear-Bottom	1
8	4-2121-3	Pin, S-Boom, Rear-Top	1
22	4-1475-1B	Roller, S-Boom, Rear-Top (includes item 79)	2
34	4-1237-4	Chain Anchor, Pinned	2
35	7-193-05	Needle Bearing, 1.5 inch ID	14
36	6-6600-04	Thrust Washer, 3.5 x 1.5 x 0.188	4
50	6-6201-06	Hex Nut, 3/8 NC	5
51	6-6211-06	Lock Washer, 3/8 inch	11
54	6-5312-72	Cap Screw, 3/4 NF x 9 inches	1
56	6-6206-12	Self Locking Nut, 3/4 NF	2
61	6-5206-24	Cap Screw, 3/8 NC x 3 inches	2
77	4-1074-3B	Roller, S-Boom, Rear-Bottom (includes item 35)	2
78	6-6600-03	Thrust Washer, 3 x 2 x 0.188	2
79	7-193-07	Needle Bearing, 2 inch ID	30
82	6-5206-28	Cap Screw, 3/8 NC x 3.5 inches	2
84	6-6306	Lube Fitting, 1/4 -28 Straight	12
93	6-6211-06	Lock Washer, 3/8 inch	6

Figure	Rev	Description
512.1	A	Boom Assembly, View 7 (GTH-1048)



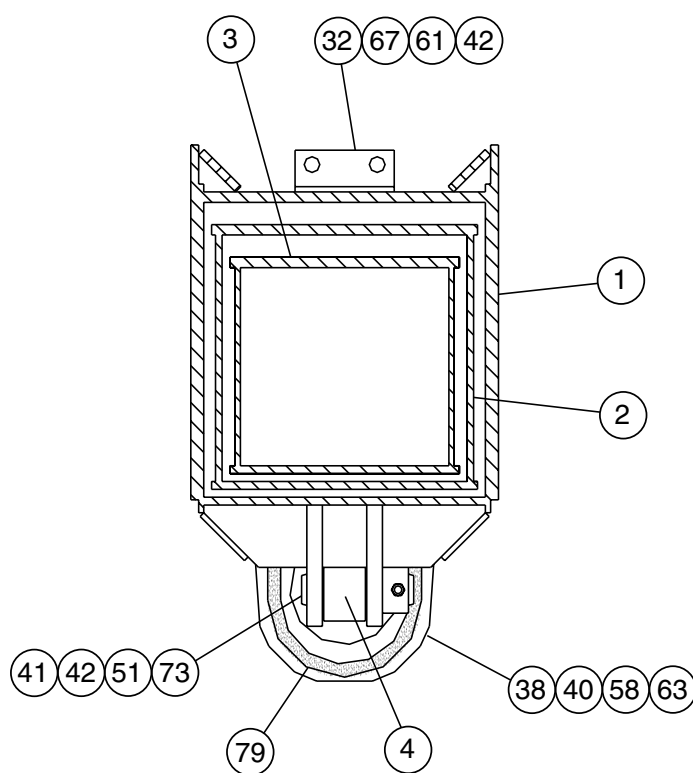
Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
2	4-2209	Middle Boom	1
3	4-1440	Small Boom	1
5	4-1449-1	Pin, S-Boom, Rear-Top	1
6	4-1073-2	Pin, M-Boom, Rear-Bottom	1
9	4-1073-3	Pin, M-Boom, Rear-Top	1
11	2-1052-3	Pin, Leaf Chain	6
15	4-1074-1B	Roller, M-Boom, Rear-Top (includes item 71)	2
16	4-1475-1B	Roller, S-Boom, Rear-Top (includes item 71)	2
17	4-1074-2B	Roller, M-Boom, Rear-Bottom (includes items 27)	2
21	4-1074-8B	Sheave, Hose (includes item 71)	1
22	5-2040-257	Leaf Chain, Retraction	1
23	5-2040-257	Leaf Chain, Extention	2
26	4-1237-4	Chain Anchor, Pinned	1
27	7-193-05	Needle Bearing, 1.5 inch ID	10
30	6-6600-05	Thrust Washer, 4 x 2 x 0.188	4
33	3-1245	Cover, Rear Access	1
42	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	14
44	6-5312-68	Cap Screw, $\frac{3}{4}$ NF x 8.5 inches	1
45	6-6202-12	Hex Nut, $\frac{3}{4}$ NF	2
46	6-6211-12	Lock Washer, $\frac{3}{4}$	4
48	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch	6
53	6-6243-06	Cotter Pin, $\frac{3}{32}$ x 0.75 inch	12
57	6-6212-06	Flat Washer, $\frac{3}{8}$ inch	6
68	4-1074-3B	Roller, S-Boom, Rear-Bottom (includes item 27)	2
69	4-1073-1	Pin, S-Boom, Rear-Bottom	1
71	7-193-07	Needle Bearing, 2 inch ID	16

Figure	Rev	Description
513.1	A	Boom Assembly, View 7 (GTH-1056)



Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1	54	6-5312-72	Cap Screw, $\frac{3}{4}$ NF x 9 inches	1
2	4-2206	Middle Boom (Large)	1	56	6-6206-12	Self Locking Nut, $\frac{3}{4}$ NF	2
3	4-2207	Middle Boom (Small)	1	59	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch	8
4	4-2116	Small Boom	1	64	6-6243-06	Cotter Pin, $\frac{3}{32}$ x 0.75 inch	24
6	4-2121-1	Pin, S-Boom, Rear-Bottom	1	68	6-6212-06	Flat Washer, $\frac{3}{8}$ inch	8
7	4-2121-2	Pin, M-Boom (Small), Rear-Bottom	1	77	4-1074-3B	Roller, S-Boom, Rear-Bottom (includes item 35)	2
8	4-2121-3	Pin, S-Boom, Rear-Top	1	78	6-6600-03	Thrust Washer, 3 x 2 x 0.188	2
9	4-2121-4	Pin, M-Boom (Small), Rear-Top ...	1	79	7-193-07	Needle Bearing, 2 inch ID	30
10	4-2121-5	Pin, M-Boom (Large), Rear-Top ...	1	83	6-6301	Lube Fitting, $\frac{1}{8}$ NPT, Straight	4
16	4-2121-11	Pin, M-Boom (Large), Rear-Bottom	1	88	3-1434	Mount, Hose Guide	1
17	2-1052-3	Pin, Leaf Chain	12	89	7-111-01	Energy Chain	1
21	4-1074-1B	Roller, M-Boom (Small and Large), Rear-Top (includes item 79)	4	90	7-111-02	Mounting Bracket Kit, Energy Chain	1
22	4-1475-1B	Roller, S-Boom, Rear-Top (includes item 79)	2	91	6-6004-08	Flat Head Socket Screw, $\frac{1}{4}$ NC x 1 inch	4
23	4-1074-2B	Roller, M-Boom (Small), Rear-Bottom (includes item 35)	2	92	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inches	2
24	4-1074-1B	Roller, M-Boom, (Large), Rear-Bottom (includes item 79)	2	93	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	6
28	4-1074-8B	Sheave, Hose, M-Boom (Small) (includes item 79)	1	94	2-1234B	Sheave, Chain, Mid-Boom (Large) (includes item 79)	1
29	5-2040-237	Leaf Chain, Retraction, Large to Middle (Small)	1	95	6-6600-15	Thrust Washer, 4 x 2 x 0.25	2
30	5-2040-257	Leaf Chain, Retraction	1	96	3-1249-1	Access Cover	1
31	5-2040-257	Leaf Chain, Extension	4				
34	4-1237-4	Chain Anchor, Pinned	2				
35	7-193-05	Needle Bearing, 1.5 inch ID	14				
38	6-6600-05	Thrust Washer, 4 x 2 x 0.188	8				
39	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125 inches	8				
42	3-1424	Cover, Rear Access	1				
51	6-6211-06	Lock Washer, $\frac{3}{8}$ inch	11				
53	6-5312-68	Cap Screw, $\frac{3}{4}$ NF x 8.5 inches	1				

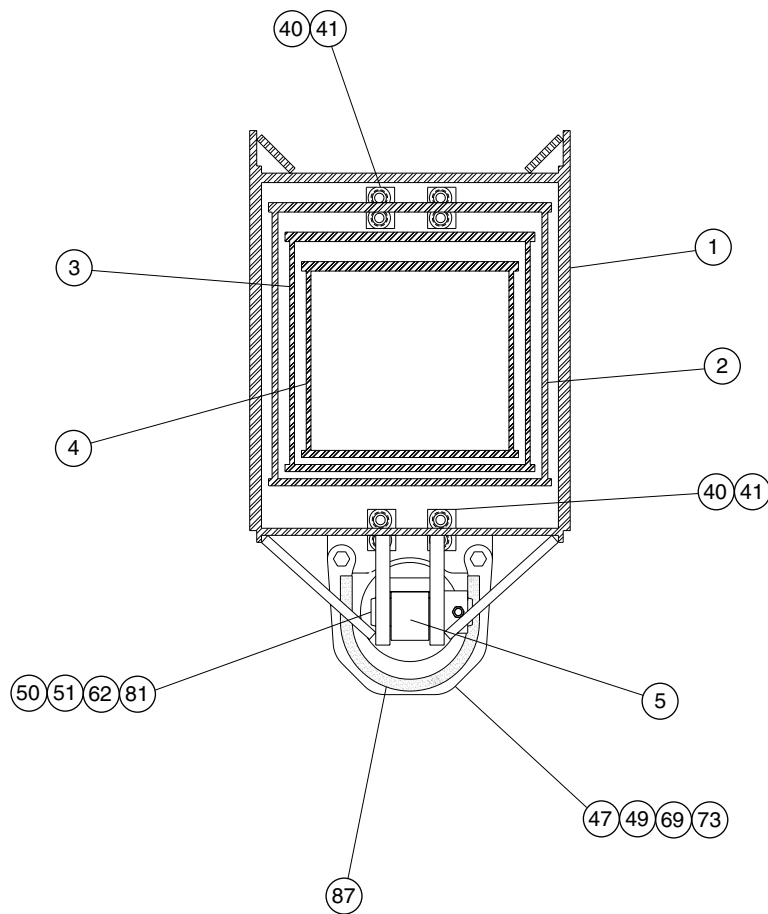
Figure	Rev	Description
514.1	A	Boom Assembly, View 8 (GTH-1048)



514.1
Boom Assembly, View 8 (GTH-1048) Rev A

Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
2	4-2209	Middle Boom	1
3	4-1440	Small Boom	1
4	7-316-243	Boom Cylinder	Ref.
32	3-1244-1	Manifold Block	1
38	4-1711-1	Support, Boom Cylinder	1
40	6-5208-14	Cap Screw, 1/2 NC x 1.75 inches	2
41	6-6201-06	Hex Nut, 3/8 NC	4
42	6-6211-06	Lock Washer, 3/8 inch	14
51	2-1090	Pin, Base Boom Cylinder	1
58	6-6211-08	Lock Washer, 1/2 inch	12
61	6-5206-20	Cap Screw, 3/8 NC x 2.5 inches	2
63	6-6201-08	Hex Nut, 1/2 NC	4
67	3-1244-2	Spacer, Manifold Block	1
73	6-5206-22	Cap Screw, 3/8 NC x 2.75 inches	1
79	7-277-01	Edging, 1/2 x 14.875 inches (per inch)	15

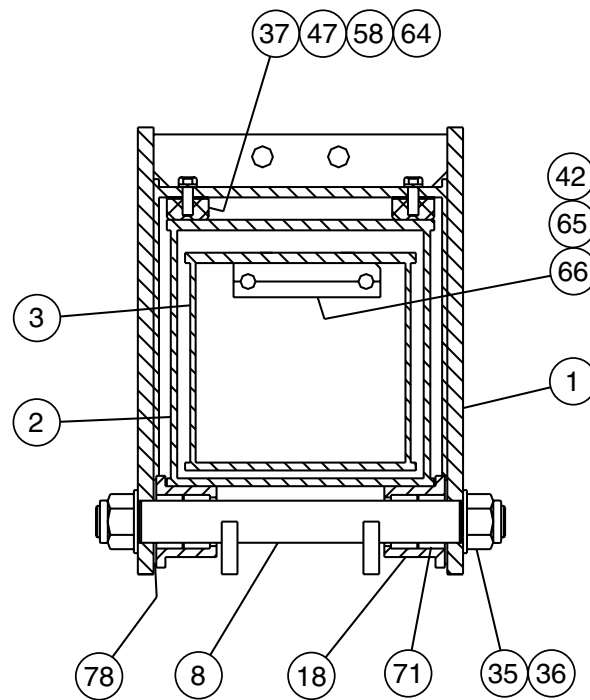
Figure	Rev	Description
515.1	A	Boom Assembly, View 8 (GTH-1056)



515.1
Boom Assembly, View 8 (GTH-1056) Rev A

Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
5	7-316-326	Boom Cylinder	Ref.
40	3-1423	Manifold Block	4
41	6-6006-12	Flat Head Socket Screw, 3/8 NC x 1.5 inches	8
47	4-1711-1	Support, Boom Cylinder	1
49	6-5208-14	Cap Screw, 1/2 NC x 1.75 inches .	2
50	6-6201-06	Hex Nut, 3/8 NC	5
51	6-6211-06	Lock Washer, 3/8 inch	11
62	2-1090	Pin, Base Boom Cylinder	1
69	6-6211-08	Lock Washer, 1/2 inch	14
73	6-6201-08	Hex Nut, 1/2 NC	4
81	6-5206-22	Cap Screw, 3/8 NC x 2.75 inches	1
87	7-277-01	Edging, 1/2 x 14.875 inches (per inch)	15

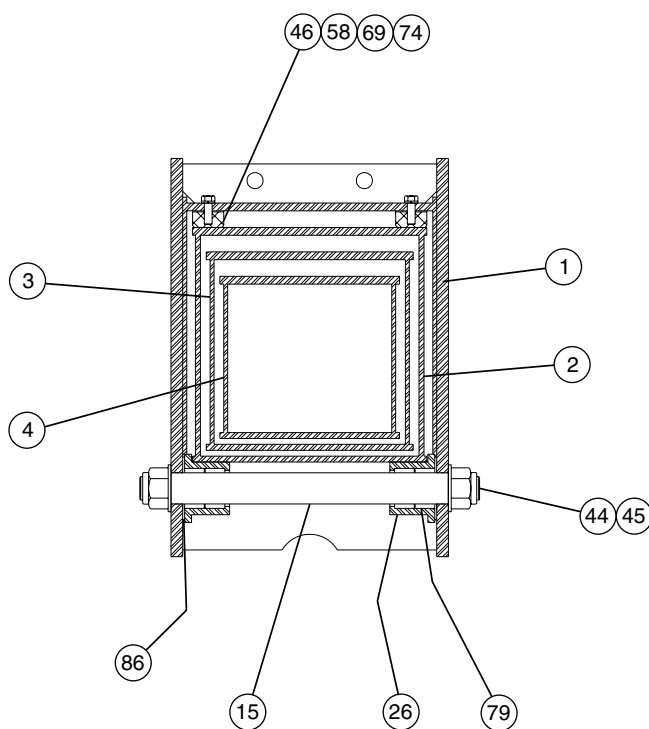
Figure	Rev	Description
516.1	A	Boom Assembly, View 9 (GTH-1048)



516.1
Boom Assembly, View 9 (GTH-1048) Rev A

Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
2	4-2209	Middle Boom	1
3	4-1440	Small Boom	1
8	4-1073-6	Pin, L-Boom, Front-Bottom	1
18	4-1475-2B	Roller, M-Boom, Front-Bottom (includes item 71)	2
35	6-6206-24	Self-Locking Nut, 1 1/2 NF	8
36	6-6215-24	Flat Washer, 1 1/2 inch	6
37	2-1184	Wear Pad, Boom	4
42	6-6211-06	Lock Washer, 3/8 inch	14
47	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	8
58	6-6211-08	Lock Washer, 1/2 inch	12
64	1-1101-3	Shim, 3/16	4
65	2-1109	Clamp, 1/2 Hose	1
66	6-5206-18	Cap Screw, 3/8 NC x 2.25 inches	2
71	7-193-07	Needle Bearing, 2 inch ID	16
78	6-6600-06	Thrust Washer, 4 x 2 x 0.125	2

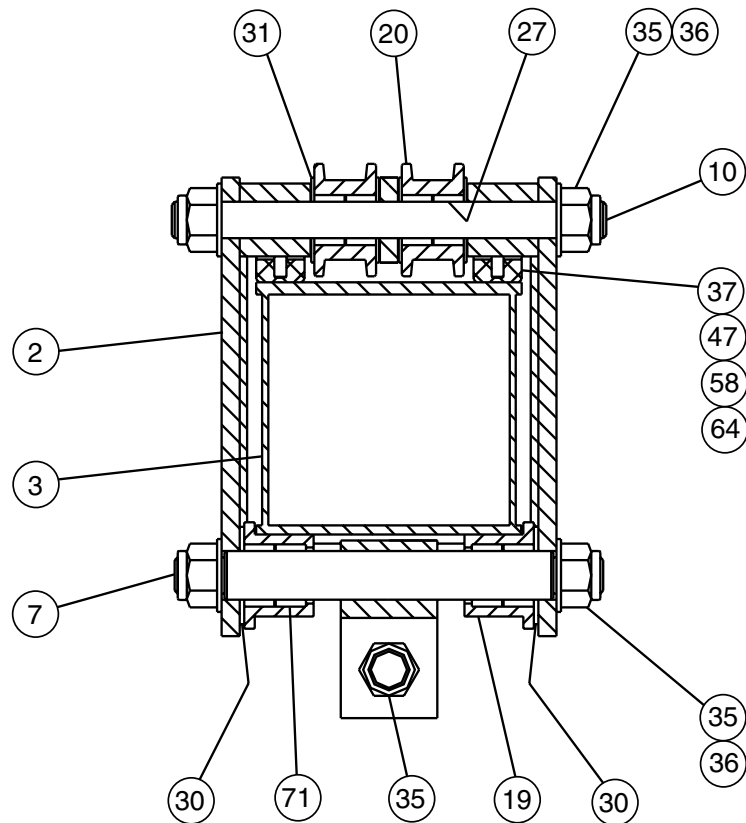
Figure	Rev	Description
517.1	A	Boom Assembly, View 9 (GTH-1056)



517.1
Boom Assembly, View 9 (GTH-1056) Rev A

Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
15	4-2121-10	Pin, L-Boom, Front-Bottom	1
26	4-1475-2B	Roller, L-Boom, Front-Bottom (includes item 79)	2
44	6-6206-24	Self Locking Nut, 1 1/2 NF	12
45	6-6215-24	Flat Washer, 1 1/2 inch	10
46	2-1184	Wear Pad, Boom	6
58	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	12
69	6-6211-08	Lock Washer, 1/2 inch	14
74	1-1101-3	Shim, 3/16	6
79	7-193-07	Needle Bearing, 2 inch ID	30
86	6-6600-06	Thrust Washer, 4 x 2 x 0.125	4

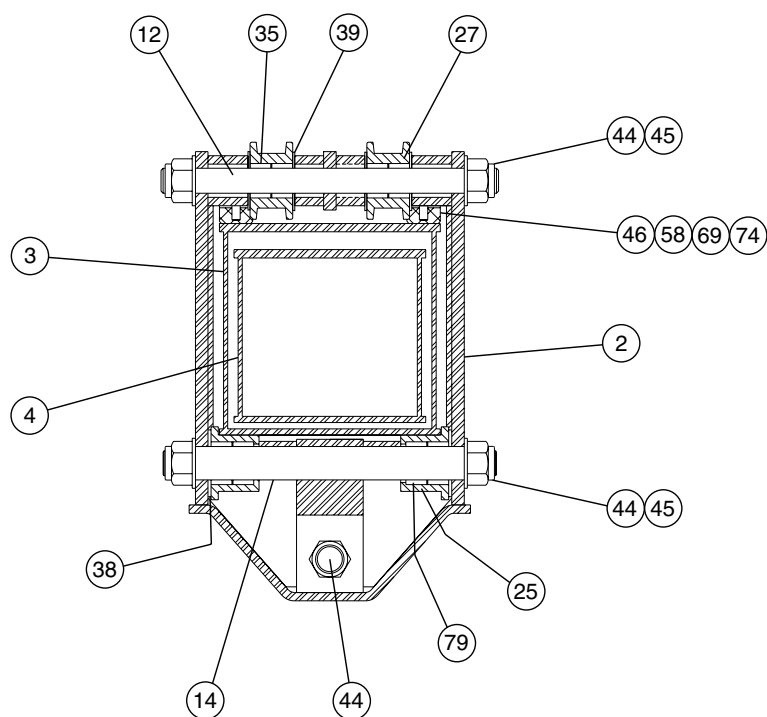
Figure	Rev	Description
518.1	A	Boom Assembly, View 10 (GTH-1048)



518.1
Boom Assembly, View 10 (GTH-1048) Rev A

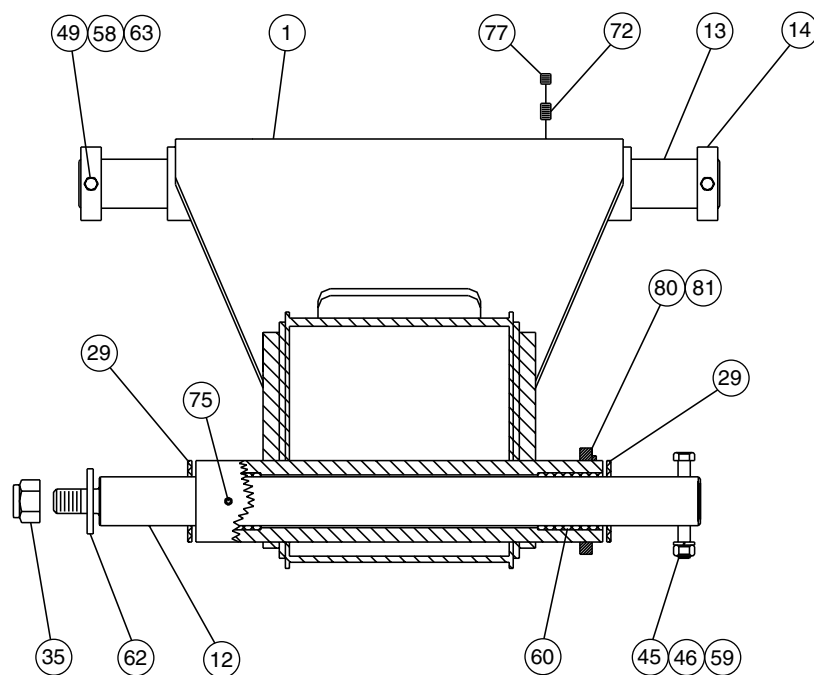
Item	Part No.	Description	Qty.
2	4-2209	Middle Boom	1
3	4-1440	Small Boom	1
7	4-1449-6	Pin, M-Boom, Front-Bottom	1
10	4-1073-4	Pin, Front, Chain Sheave	1
19	4-1475-2B	Roller, L-Boom, Front-Bottom (includes item 71)	2
20	4-1246-4B	Sheave, Chain, Front (includes item 27)	2
27	7-193-05	Needle Bearing, 1.5 inch ID	10
30	6-6600-05	Thrust Washer, 4 x 2 x 0.188	4
31	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125	4
35	6-6206-24	Self-Locking Nut, 1 1/2 NF	8
36	6-6215-24	Flat Washer, 1 1/2 inch	6
37	2-1184	Wear Pad, Boom	4
47	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	8
58	6-6211-08	Lock Washer, 1/2 inch	12
64	1-1101-3	Shim, 3/16	4
71	7-193-07	Needle Bearing, 2 inch ID	16

Figure	Rev	Description
519.1	A	Boom Assembly, View 10 (GTH-1056)



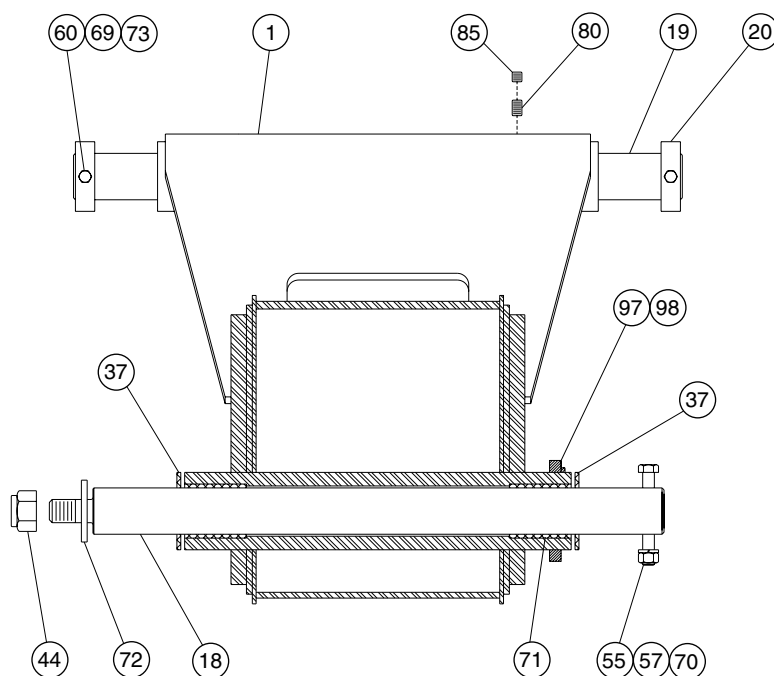
Item	Part No.	Description	Qty.
2	4-2206	Middle Boom (Large)	1
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
12	4-2121-7	Pin, M-Boom (Large), Front-Top ..	1
14	4-2121-9	Pin, M-Boom (Large), Front-Bottom	1
25	4-1475-2B	Roller, M-Boom (Small and Large), Front-Bottom (includes item 79) ...	4
27	4-1246-4B	Sheave, Chain, Front (includes item 35)	4
35	7-193-05	Needle Bearing, 1.5 inch ID	14
38	6-6600-05	Thrust Washer, 4 x 2 x 0.188	8
39	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125	8
44	6-6206-24	Self Locking Nut, 1 1/2 NF	12
45	6-6215-24	Flat Washer, 1 1/2 inch	10
46	2-1184	Wear Pad, Boom	6
58	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	12
69	6-6211-08	Lock Washer, 1/2 inch	14
74	1-1101-3	Shim, 3/16	6
79	7-193-07	Needle Bearing, 2 inch ID	30

Figure	Rev	Description
520.1	A	Boom Assembly, View 11 (GTH-1048)



Item	Part No.	Description	Qty.
1	4-2302	Large Boom	1
12	3-1154-2	Cross Shaft, Main Pivot	1
13	3-1092-1	Cross Shaft, Head Lift Cylinder	1
14	6-2524-10	Collar	2
29	6-6600-14	Thrust Washer, 5 x 3 x 0.25	2
35	6-6206-24	Self-Locking Nut, 1 1/2 NF	8
45	6-6202-12	Hex Nut, 3/4 NF	2
46	6-6211-12	Lock Washer, 3/4 inch	4
49	6-5208-44	Cap Screw, 1/2 NC x 5.5 inches	2
58	6-6211-08	Lock Washer, 1/2 inch	12
59	6-5312-48	Cap Screw, 3/4 NF x 6 inches	1
60	6-4524-32	Bronze Bushing, Large Boom	2
62	1-1306	Washer, Steel	1
63	6-6201-08	Hex Nut, 1/2 NC	4
72	6-6275-05	Set Screw, 5/8 NC x 1 inch	1
75	6-6301	Lube Fitting, 1/8 NPT, Straight.	4
77	6-6275-07	Set Screw, 5/8 NC x 5/8 inch	1
80	3-1404	Switch Activator	1
81	6-6275-04	Set Screw, 3/8 NC x 3/4 inch	3

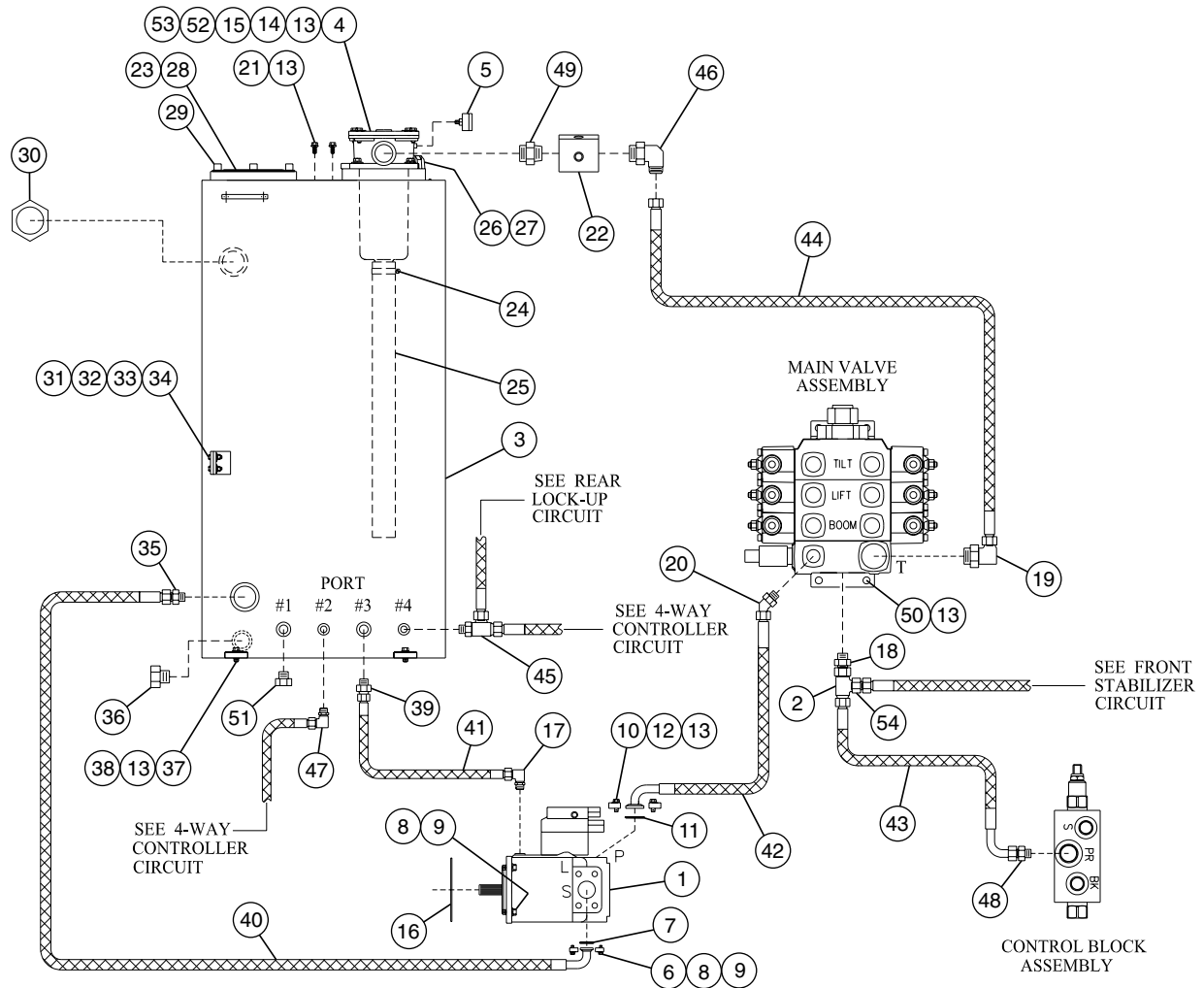
Figure	Rev	Description
521.1	A	Boom Assembly, View 11 (GTH-1056)



Item	Part No.	Description	Qty.
1	4-2205	Large Boom	1
18	3-1154-2	Cross Shaft, Main Pivot	1
19	3-1092-1	Cross Shaft, Head Lift Cylinders	1
20	6-2524-10	Collar	2
37	6-6600-14	Thrust Washer, 5 x 3 x 0.25	2
44	6-6206-24	Self Locking Nut, 1 1/2 NF	12
55	6-6202-12	Hex Nut, 3/4 NF	1
57	6-6211-12	Lock Washer, 3/4 inch	5
60	6-5208-44	Cap Screw, 1/2 NC x 5.5 inches	2
69	6-6211-08	Lock Washer, 1/2 inch	14
70	6-5312-48	Cap Screw, 3/4 NF x 6 inches	1
71	6-4524-32	Bronze Bushing, Large Boom	2
72	1-1306	Washer, Steel	1
73	6-6201-08	Hex Nut, 1/2 NC	4
80	6-6275-05	Set Screw, 5/8 NC x 1 inch	1
85	6-6275-07	Set Screw, 5/8 NC x 5/8 inch	1
97	3-1404	Switch Activator	1
98	6-6275-04	Set Screw, 3/8 NC x 3/4 inch	3

Item	Part No.	Description	Qty.
3	4-2207	Middle Boom (Small)	1
4	4-2116	Small Boom	1
11	4-2121-6	Pin, M-Boom (Small), Front Chain Sheave	1
13	4-2121-8	Pin, M-Boom (Small), Front-Bottom	1
25	4-1475-2B	Roller, M-Boom (Small and Large), Front-Bottom (includes item 79) ...	4
27	4-1246-4B	Sheave, Chain, Front (includes item 35)	4
35	7-193-05	Needle Bearing, 1.5 inch ID	14
39	6-6600-12	Thrust Washer, 3.5 x 1.5 x 0.125	8
44	6-6206-24	Self Locking Nut, 1 1/2 NF	12
45	6-6215-24	Flat Washer, 1 1/2 inch	10
46	2-1184	Wear Pad, Boom	6
51	6-6211-06	Lock Washer, 3/8 inch	11
58	6-5208-10	Cap Screw, 1/2 NC x 1.25 inches	12
69	6-6211-08	Lock Washer, 1/2 inch	14
74	1-1101-3	Shim, 3/16	6
75	2-1109	Clamp, 1/2 Hose	1
76	6-5206-18	Cap Screw, 3/8 NC x 2.25 inches	2
79	7-193-07	Needle Bearing, 2 inch ID	30
86	6-6600-06	Thrust Washer, 4 x 2 x 0.125	4

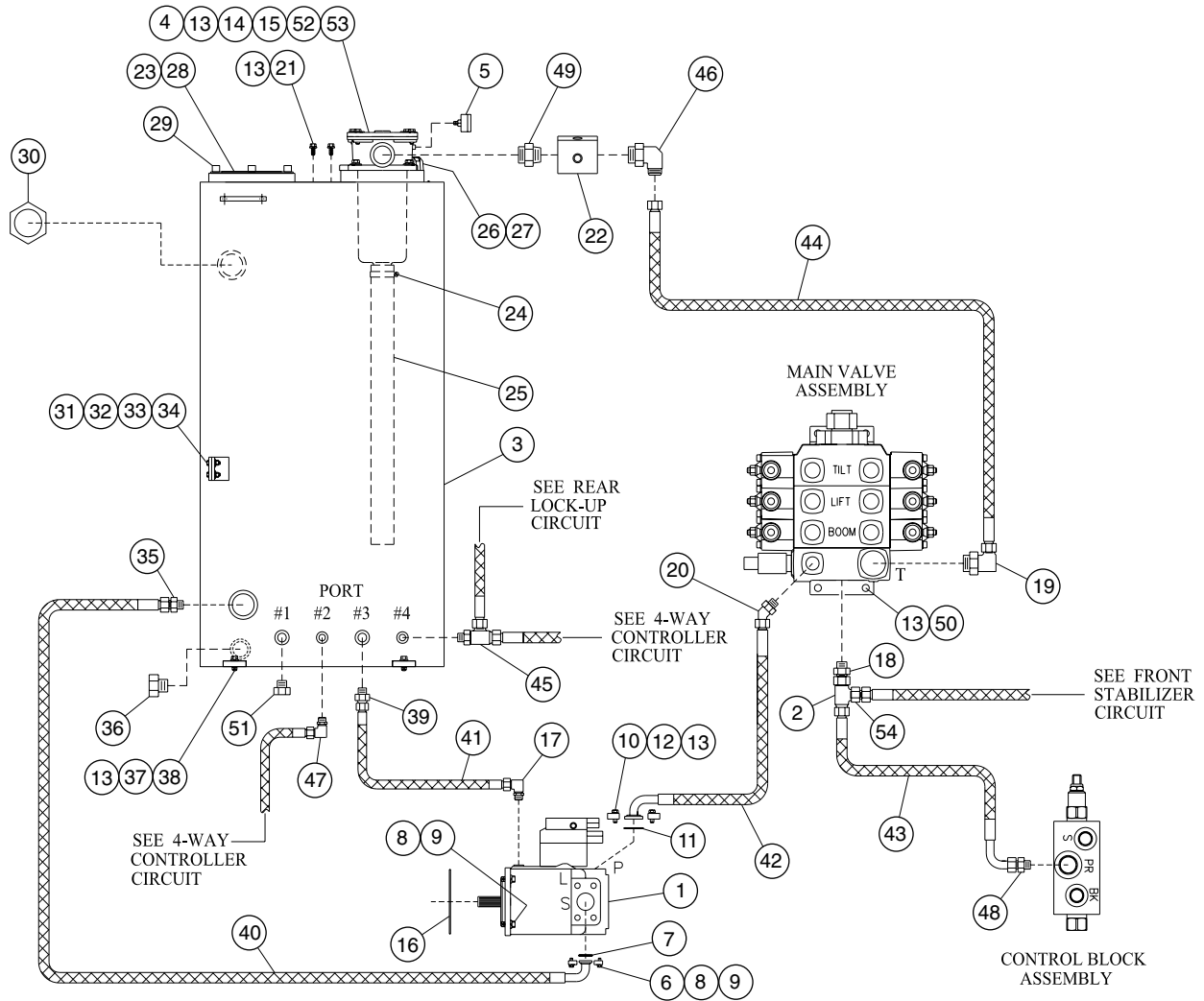
Figure	Rev	Description
601.1	A	Circuit, Pump, Oil Reservoir (GTH-1048)



601.1
Circuit, Pump, Oil Reservoir (GTH-1048) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-345-113	Pump Assembly, 55cc, Splined Shaft Ref.		29	6-5606-04	Cap Screw, SH, $\frac{3}{8}$ NC x 0.5 inch Ref.	
2	6-6481-07	Fitting, 10 JIC, SW-RN-Tee 1		30	7-161-01	Sight Glass 1	
3	4-2270	Oil Reservoir 1		31	2-1262	Plate, Pressure Check Points.. Ref.	
4	7-118-01	Filter, Return Ref.		32	6-5204-06	Cap Screw, $\frac{1}{4}$ NC x 0.75 inch 2	
5	7-272-10	Gage, Return Filter Ref.		33	6-6201-04	Hex Nut, $\frac{1}{4}$ NC 2	
6	7-107-05	Split Flange Kit, 2 inch (includes items 7, 8 and 9) 1		34	6-6211-04	Lock Washer, $\frac{1}{4}$ 2	
7	7-209-66	O-ring, 2 inch S. F. (included with item 6) Ref.		35	7-364-22	Fitting, 24 OR x 24 JIC-O, Straight 1	
8	6-5208-12	Cap Screw, $\frac{1}{2}$ NC x 1.5 inches (included with item 6) ... Ref.		36	6-6457-10	Fitting, 16 OR Hex Head Plug 1	
9	6-6211-08	Lock Washer, $\frac{1}{2}$ inch (included with item 6) Ref.		37	1-2016	Clamp, Oil Reservoir 2	
10	7-158-36	Split Flange, 1 inch, Half only 2		38	6-5206-12	Cap Screw, $\frac{3}{8}$ NC x 1.5 inches 2	
11	7-209-67	O-ring, 1 inch, S. F. 1		39	6-6450-12	Fitting, 08 OR x 08 JIC, Straight ... 1	
12	6-5206-10	Cap Screw, $\frac{3}{8}$ NC x 1.25 inches 4		40	6-7191-193	Hose, 24 x 32-90 SF x 96.5 inches 1	
13	6-6211-06	Lock Washer, $\frac{3}{8}$ inch 16		41	6-7004-256	Hose, 08 x 08 x 128 inches 1	
14	6-6212-06	Flat Washer, $\frac{3}{8}$ inch 4		42	6-7156-218	Hose, 12 x 16-90 SF x 109 inches 1	
15	6-5206-08	Cap Screw, $\frac{3}{8}$ NC x 1 inch 4		43	6-7025-36	Hose, 10 x 10-90 x 18 inches 1	
16	7-126-517	Gasket, Pump Drive Ref.		44	6-7148-52	Hose, 16 x 16 x 26 inches 1	
17	108740	Fitting, 10 OR x 08 JIC, Long 90° 1		45	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee Ref.	
18	6-6450-17	Fitting, 12 OR x 10 JIC, Straight ... 1		46	6-6453-25	Fitting, 20 OR x 16 JIC, 90° 1	
19	6-6453-19	Fitting, 16 OR x 16 JIC, 90° 1		47	6-6453-04	Fitting, 06 OR x 04 JIC, 90° 1	
20	6-6452-08	Fitting, 12 OR x 12 JIC, 45° 1		48	6-6450-15	Fitting, 08 OR x 10 JIC, Straight ... 1	
21	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch 2		49	6-6436-01	Fitting, 20 OR x 20 NPT, Straight 1	
22	3-1376	Manifold Block 1		50	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch 4	
23	7-145-02	O-ring, Access Cover Ref.		51	6-6457-06	Fitting, 08 OR Hex Head Plug 1	
24	7-272-13	T-hose Clamp 1		52	7-118-02	Element, Return Filter Ref.	
25	7-364-12	Hose, 1 $\frac{1}{2}$ ID x 24 inches 1		53	7-118-03	O-ring, Return Filter Face Ref.	
26	7-272-11	Filler-breather, 3 psi 1		54	6-6495-04	Fitting, 10 JIC F. x 06 JIC, M. Straight 1	
27	6-6284-08	Maching Screw, #10-32 x 0.75 inch 6					
28	7-145-01	Cover Plate Ref.					

Figure 602.1
Rev A
Description Circuit, Pump, Oil Reservoir (GTH-1056)



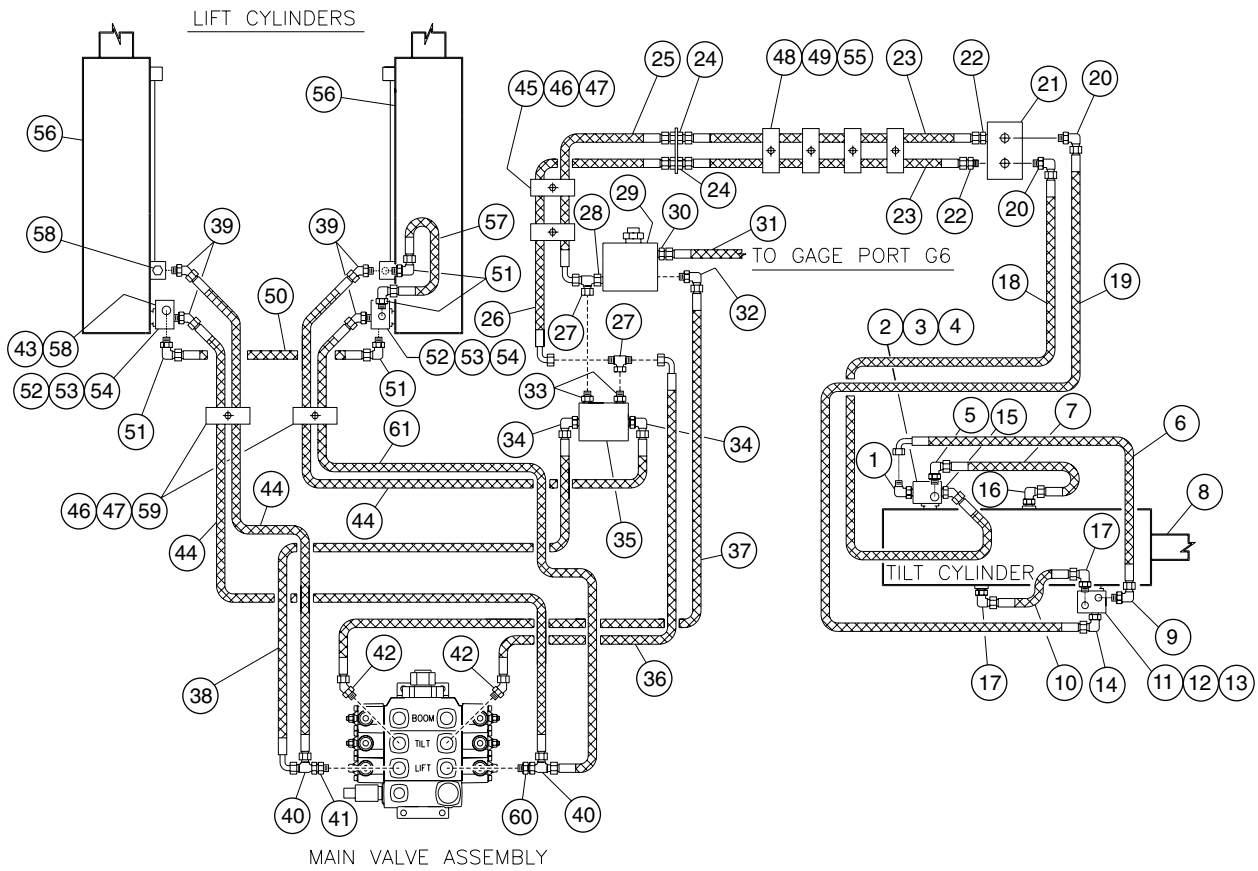
602.1
Circuit, Pump, Oil Reservoir (GTH-1056) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-345-113	Pump Assembly, 55cc, Splined Shaft Ref.		29	6-5606-04	Cap Screw, SH, 3/8 NC x 0.5 inch Ref.	
2	6-6481-07	Fitting, 10 JIC, SW-RN-Tee 1		30	7-161-01	Sight Glass 1	
3	4-2270	Oil Reservoir 1		31	2-1262	Plate, Pressure Check Points.. Ref.	
4	7-118-01	Filter, Return Ref.		32	6-5204-06	Cap Screw, 1/4 NC x 0.75 inch 2	
5	7-272-10	Gage, Return Filter Ref.		33	6-6201-04	Hex Nut, 1/4 NC 2	
6	7-107-05	Split Flange Kit, 2 inch (includes items 7, 8 and 9) 1		34	6-6211-04	Lock Washer, 1/4 2	
7	7-209-66	O-ring, 2 inch, S. F. (included with item 6) Ref.		35	7-364-22	Fitting, 24 OR x 24 JIC-O, Straight 1	
8	6-5208-12	Cap Screw, 1/2 NC x 1.5 inches (included with item 6) ... Ref.		36	6-6457-10	Fitting, 16 OR Hex Head Plug 1	
9	6-6211-08	Lock Washer, 1/2 (included with item 6) Ref.		37	1-2016	Clamp, Oil Reservoir 2	
10	7-158-36	Split Flange, 1 inch, Half only 2		38	6-5206-12	Cap Screw, 3/8 NC x 1.5 inches ... 2	
11	7-209-67	O-ring, 1 inch, S. F. 1		39	6-6450-12	Fitting, 08 OR x 08 JIC, Straight ... 1	
12	6-5206-10	Cap Screw, 3/8 NC x 1.25 inches 4		40	6-7191-193	Hose, 24 x 32-90 SF x 96.5 inches 1	
13	6-6211-06	Lock Washer, 3/8 16		41	6-7004-210	Hose, 08 x 08 x 105 inches 1	
14	6-6212-06	Flat Washer, 3/8 4		42	6-7156-218	Hose, 12 x 16-90 SF x 109 inches 1	
15	6-5206-08	Cap Screw, 3/8 NC x 1 inch 4		43	6-7025-36	Hose, 10 x 10-90 x 18 inches 1	
16	7-126-517	Gasket, Pump Drive Ref.		44	6-7148-52	Hose, 16 x 16 x 26 inches 1	
17	108740	Fitting, 10 OR x 08 JIC, Long 90° 1		45	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee Ref.	
18	6-6450-17	Fitting, 12 OR x 10 JIC, Straight ... 1		46	6-6453-25	Fitting, 20 OR x 16 JIC, 90° 1	
19	6-6453-19	Fitting, 16 OR x 16 JIC, 90° 1		47	6-6453-04	Fitting, 06 OR x 04 JIC, 90° 1	
20	6-6452-08	Fitting, 12 OR x 12 JIC, 45° 1		48	6-6450-15	Fitting, 08 OR x 10 JIC, Straight ... 1	
21	6-5206-06	Cap Screw, 3/8 NC x 0.75 inch 2		49	6-6436-01	Fitting, 20 OR x 20 NPT, Straight 1	
22	3-1376	Manifold Block 1		50	6-5206-06	Cap Screw, 3/8 NC x 0.75 inch 4	
23	7-145-02	O-ring, Access Cover Ref.		51	6-6457-06	Fitting, 08 OR Hex Head Plug 1	
24	7-272-13	T-hose Clamp 1		52	7-118-02	Element, Return Filter Ref.	
25	7-364-12	Hose, 1 1/2 ID x 24 inches 1		53	7-118-03	O-ring, Return Filter Face Ref.	
26	7-272-11	Filler-breather, 3 psi 1		54	6-6495-04	Fitting, 10 JIC F. x 06 JIC, M. Straight 1	
27	6-6284-08	Machine Screw, #10-32 x 0.75 inch 6					
28	7-145-01	Cover Plate Ref.					

Figure
603.1

Rev
A

Description
Circuit, Lift-tilt (GTH-1048)



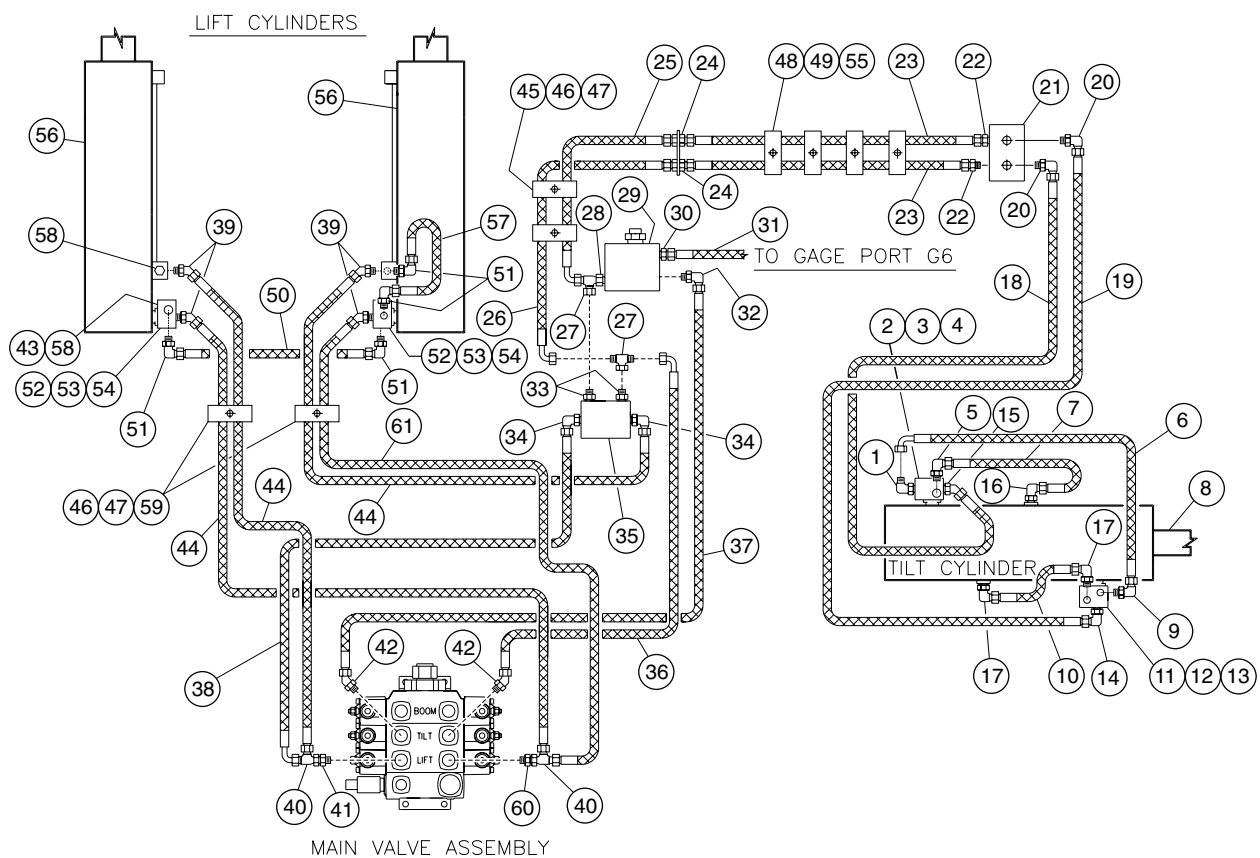
603.1
Circuit, Lift-tilt (GTH-1048) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	31	6-7022-38	Hose, 04 x 04-90 x 19 inches	Ref.
2	7-234-02	Valve, Motion, Base Tilt	Ref.	32	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
3	6-5606-14	Cap Screw, SH, 3/8 NC x 1.75 inches	4	33	6-6450-15	Fitting, 08 OR x 10 JIC, Straight	2
4	6-6214-06	Lock Washer, 3/8 High-collar	4	34	6-6453-11	Fitting, 08 OR x 10 JIC, 90°	2
5	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	35	7-234-04	Valve, Dual Check	Ref.
6	6-7022-60	Hose, 04 x 04-90 x 30 inches	1	36	6-7025-44	Hose, 10 x 10-90 x 22 inches	1
7	6-7002-26	Hose, 04 x 04 x 13 inches	1	37	6-7005-44	Hose, 10 x 10 x 22 inches	1
8	7-316-242	Cylinder, Tilt	Ref.	38	6-7025-44	Hose, 10 x 10-90 x 22 inches	1
9	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	39	6-6452-06	Fitting, 10 OR x 10 JIC, 45°	4
10	6-7003-40	Hose, 06 x 06 x 20 inches	1	40	6-6481-07	Fitting, 10 JIC, SW-Run-Tee	2
11	7-234-01	Valve, Motion, Head Tilt	Ref.	41	6-6450-17	Fitting, 12 OR x 10 JIC, Straight	2
12	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	4	42	6-6452-17	Fitting, 12 OR x 10 JIC, 45°	2
13	6-6214-06	Lock Washer, 3/8 High-collar	4	43	6-6460-01	Fitting, 04 OR Hollow Hex Head Plug	Ref.
14	6-6453-09	Fitting, 08 OR x 08 JIC, 90°	1	44	6-7005-180	Hose, 10 x 10 x 90 inches	3
15	6-6452-04	Fitting, 08 OR x 08 JIC, 45°	1	45	6-5205-30	Cap Screw, 5/16 NC x 3.75 inches	Ref.
16	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	46	7-273-26	Cover Plate, 5/8 Hose Clamp	2
17	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	2	47	7-273-32	Clamp Half Set, 5/8 Twin Hose	3
18	6-7004-810	Hose, 08 x 08 x 405 inches	1	48	6-5205-14	Cap Screw, 5/16 NC x 1.75 inches	4
19	6-7004-810	Hose, 08 x 08 x 405 inches	1	49	7-273-26	Cover Plate, 1/2 Hose Clamp	4
20	6-6453-09	Fitting, 08 OR x 08 JIC, 90°	2	50	6-7002-108	Hose, 04 x 04 x 54 inches	1
21	3-1244-1	Manifold Block	Ref.	51	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	4
22	6-6450-12	Fitting, 08 OR x 08 JIC, Straight ...	2	52	7-234-54	Valve, Motion Lift	Ref.
23	6-7014-350	Hose, 08 x 10 x 175 inches	2	53	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	8
24	6-6475-07	Fitting, 10 JIC, BH-Union, Straight	2	54	6-6214-06	Lock Washer, 3/8 High-collar	8
25	6-7025-136	Hose, 10 x 10-90 x 68 inches	1	55	7-273-25	Clamp Half Set, 1/2 Twin Hose	4
26	6-7025-136	Hose, 10 x 10-90 x 68 inches	1	56	7-316-241	Cylinder, Lift	Ref.
27	6-6480-07	Fitting, 10 JIC, SW-BR-Tee	2	57	6-7002-17	Hose, 04 x 04 x 8.5 inches	1
28	6-6485-03	Fitting, 10 OR x 10 JIC, SW	1				
29	7-234-50	Valve, Tilt Limiter	Ref.				
30	6-6450-05	Fitting, 06 OR x 04 JIC, Straight	Ref.				

This list continues on the next page.

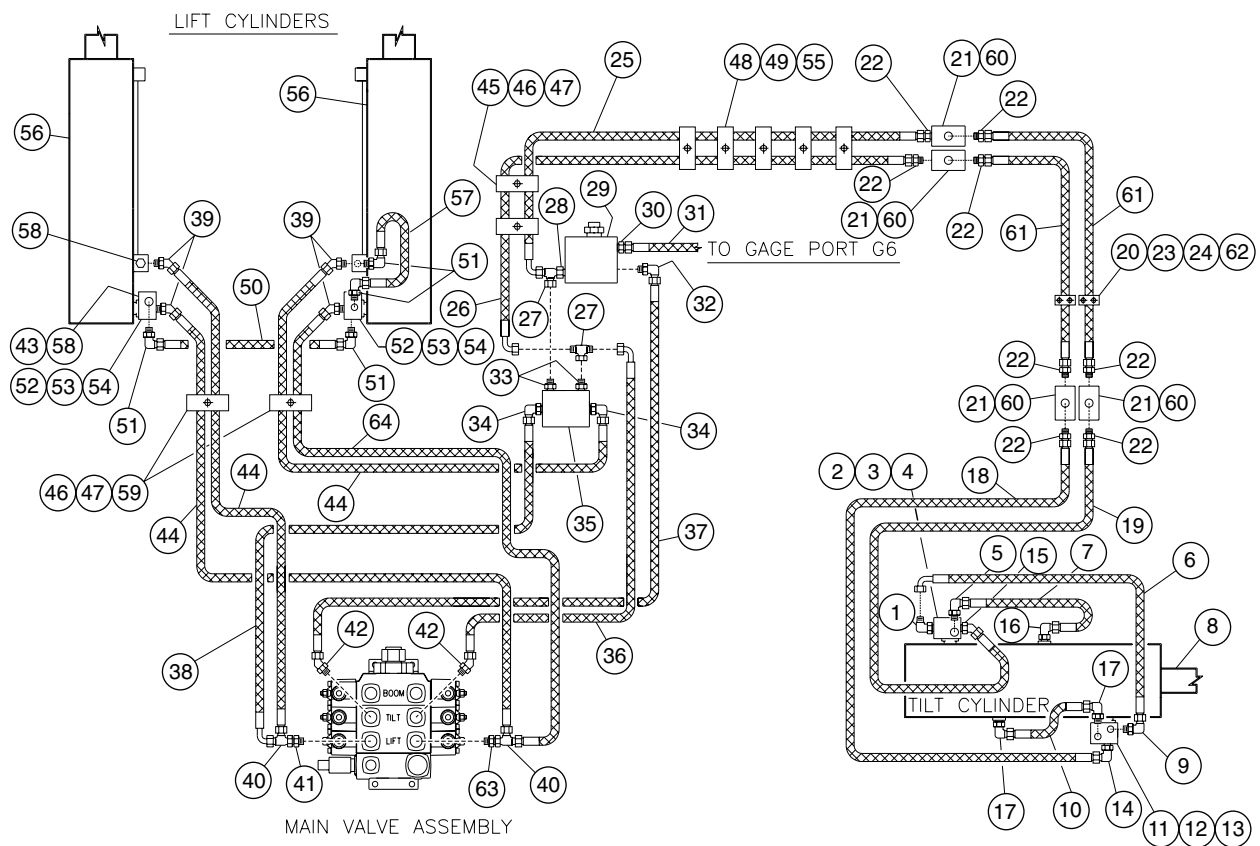


Figure	Rev	Description
603.1	A	Circuit, Lift-tilt (GTH-1048)



Item	Part No.	Description	Qty.
58	6-6457-05	Fitting, 06 OR Hex Head Plug	3
59	6-5205-16	Cap Screw, ⁵ / ₁₆ NC x 2 inches	2
60	108616	Restrictor Fitting, (0.1875 inch/4.76 mm)	1
61	6-67005-154	Hose, 10 x 10 x 77 inches	1

Figure	Rev	Description
604.1	A	Circuit, Lift-tilt (GTH-1056)



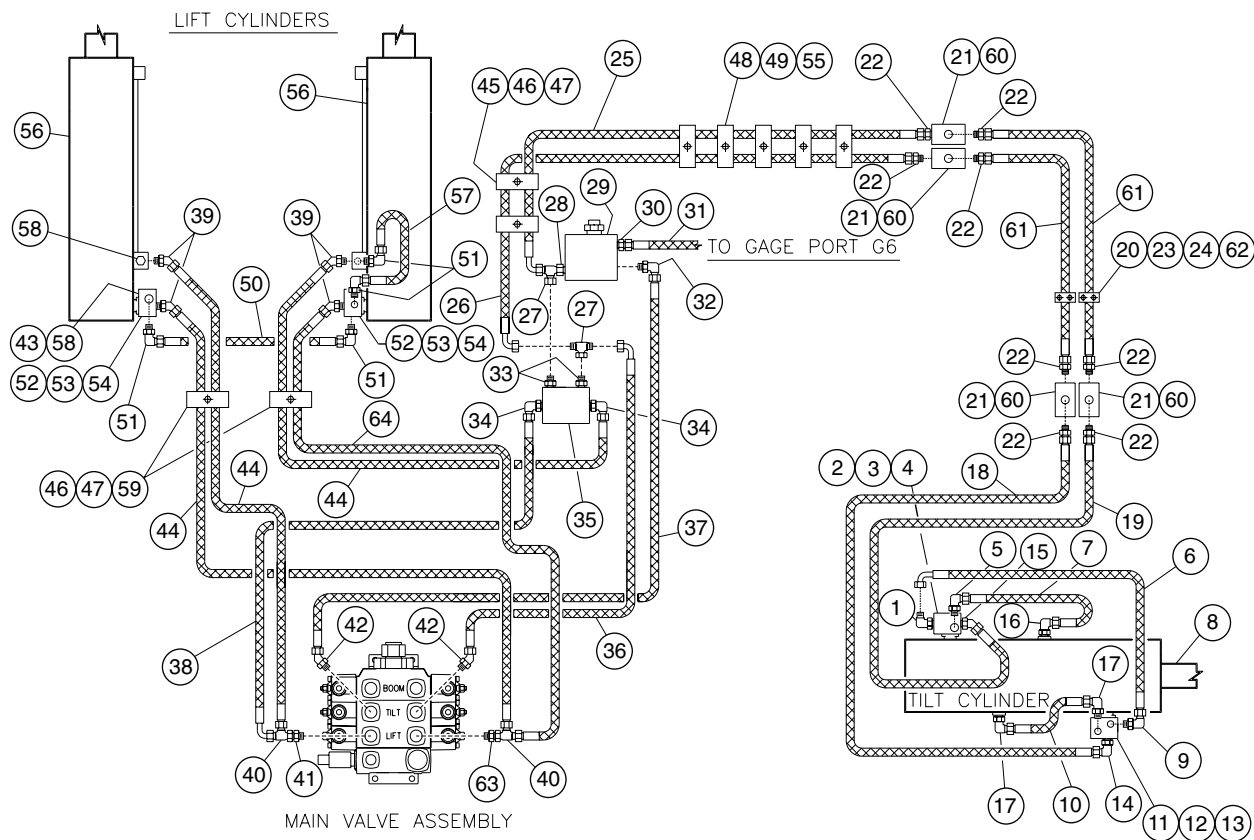
604.1
Circuit, Lift-tilt (GTH-1056) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	31	6-7022-38	Hose, 04 x 04-90 x 19 inches ..	Ref.
2	7-234-02	Valve, Motion, Base Tilt	Ref.	32	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
3	6-5606-14	Cap Screw, SH, 3/8 NC x 1.75 inches	4	33	6-6450-15	Fitting, 08 OR x 10 JIC, Straight	2
4	6-6214-06	Lock Washer, 3/8 High-collar	4	34	6-6453-11	Fitting, 08 OR x 10 JIC, 90°	2
5	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	35	7-234-04	Valve, Dual Check	Ref.
6	6-7022-60	Hose, 04 x 04-90 x 30 inches	1	36	6-7025-44	Hose, 10 x 10-90 x 22 inches	1
7	6-7002-26	Hose, 04 x 04 x 13 inches	1	37	6-7005-44	Hose, 10 x 10 x 22 inches	1
8	7-316-242	Cylinder, Tilt	Ref.	38	6-7025-44	Hose, 10 x 10-90 x 22 inches	1
9	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	39	6-6452-06	Fitting, 10 OR x 10 JIC, 45°	4
10	6-7003-40	Hose, 06 x 06 x 20 inches	1	40	6-6481-07	Fitting, 10 JIC, SW-Run-Tee	2
11	7-234-01	Valve, Motion, Head Tilt	Ref.	41	6-6450-17	Fitting, 12 OR x 10 JIC, Straight	1
12	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	4	42	6-6452-17	Fitting, 12 OR x 10 JIC, 45°	2
13	6-6214-06	Lock Washer, 3/8 High-collar	4	43	6-6460-01	Fitting, 04 OR Hollow Hex Head Plug	Ref.
14	6-6453-09	Fitting, 08 OR x 08 JIC, 90°	1	44	6-7005-180	Hose, 10 x 10 x 90 inches	3
15	6-6452-04	Fitting, 08 OR x 08 JIC, 45°	1	45	6-5205-30	Cap Screw, 5/16 NC x 3.75 inches	Ref.
16	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1	46	7-273-26	Cover Plate, 5/8 Hose Clamp	2
17	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	2	47	7-273-32	Clamp Half Set, 5/8 Twin Hose	3
18	6-7004-810	Hose, 08 x 08 x 405 inches	1	48	6-5205-14	Cap Screw, 5/16 NC x 1.75 inches	5
19	6-7004-810	Hose, 08 x 08 x 405 inches	1	49	7-273-26	Cover Plate, 1/2 Hose Clamp	5
20	7-273-43	Clamp Half Set, 1/2 single Hose ...	2	50	6-7002-108	Hose, 04 x 04 x 54 inches	1
21	3-1423	Manifold Block	4	51	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	4
22	6-6450-12	Fitting, 08 OR x 08 JIC, Straight ...	8	52	7-234-54	Valve, Motion Lift	Ref.
23	6-5204-16	Cap Screw, 1/4 NC x 2 inches	4	53	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	8
24	6-6205-04	Self locking Nut, 1/4 NC	4	54	6-6214-06	Lock Washer, 3/8 High-collar	8
25	6-7034-440	Hose, 08 x 10-90 x 220 inches	1	55	7-273-25	Clamp Half Set, 1/2 Twin Hose	4
26	6-7034-440	Hose, 08 x 10-90 x 220 inches	1	56	7-316-325	Cylinder, Lift	Ref.
27	6-6480-07	Fitting, 10 JIC, SW-BR-Tee	2	57	6-7002-17	Hose, 04 x 04 x 8.5 inches	1
28	6-6485-03	Fitting, 10 OR x 10 JIC, SW	1	58	6-6457-05	Fitting, 06 OR Hex Head Plug	3
29	7-234-50	Valve, Tilt Limiter	Ref.				
30	6-6450-05	Fitting, 06 OR x 04 JIC, Straight	Ref.				

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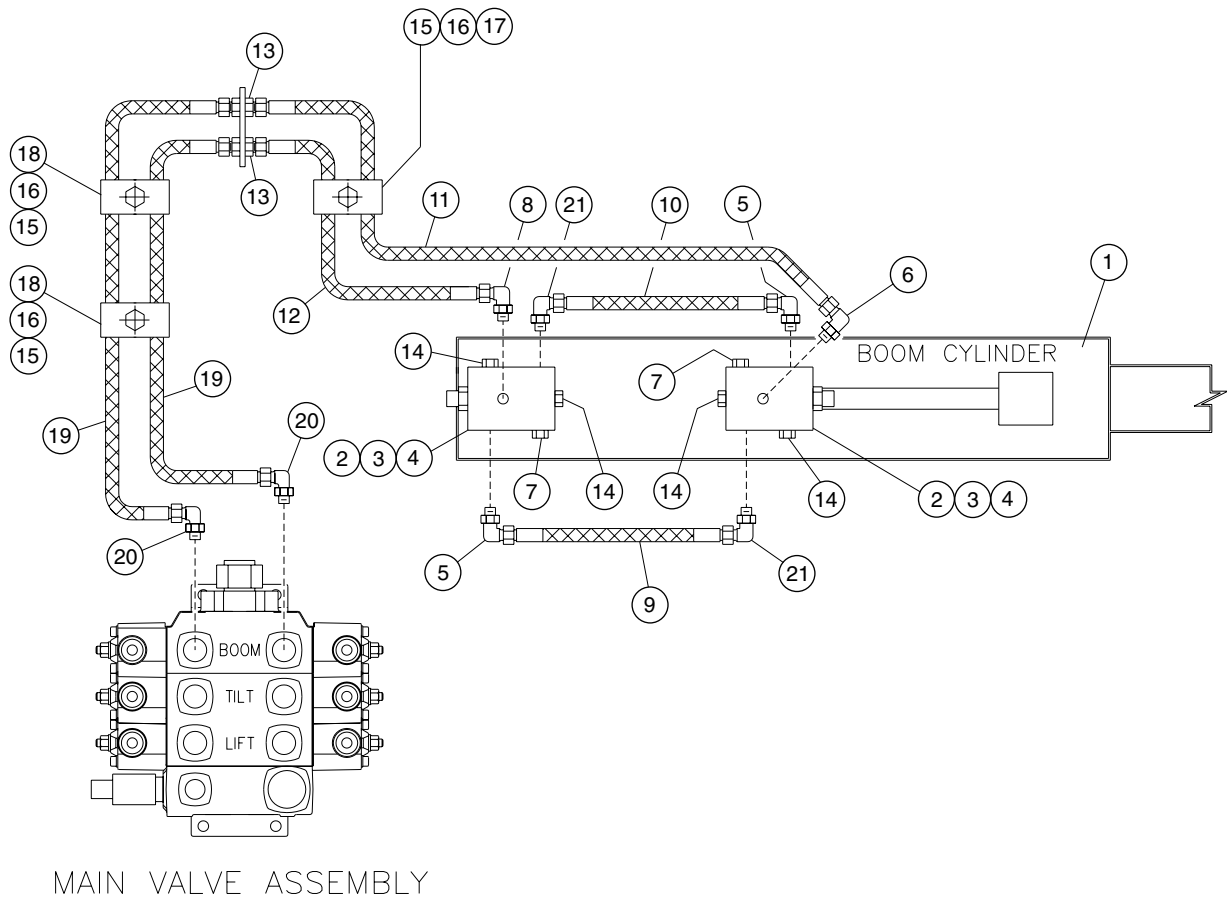


Figure	Rev	Description
604.1	A	Circuit, Lift-tilt (GTH-1056)



Item	Part No.	Description	Qty.
59	6-5205-16	Cap Screw, $\frac{5}{16}$ NC x 2 inches	2
60	6-6006-12	Cap Screw, FHSS, $\frac{3}{8}$ NC x 1.5 inches	8
61	6-7004-726	Hose, 08 x 08 x 363 inches	2
62	7-273-42	Top Plate, $\frac{1}{2}$ Single Hose Clamp	2
63	108616	Restrictor Fitting (0.1875 inch/4.76 mm)	1
64	6-7005-154	Hose, 10 x 10 x 77 inches	1

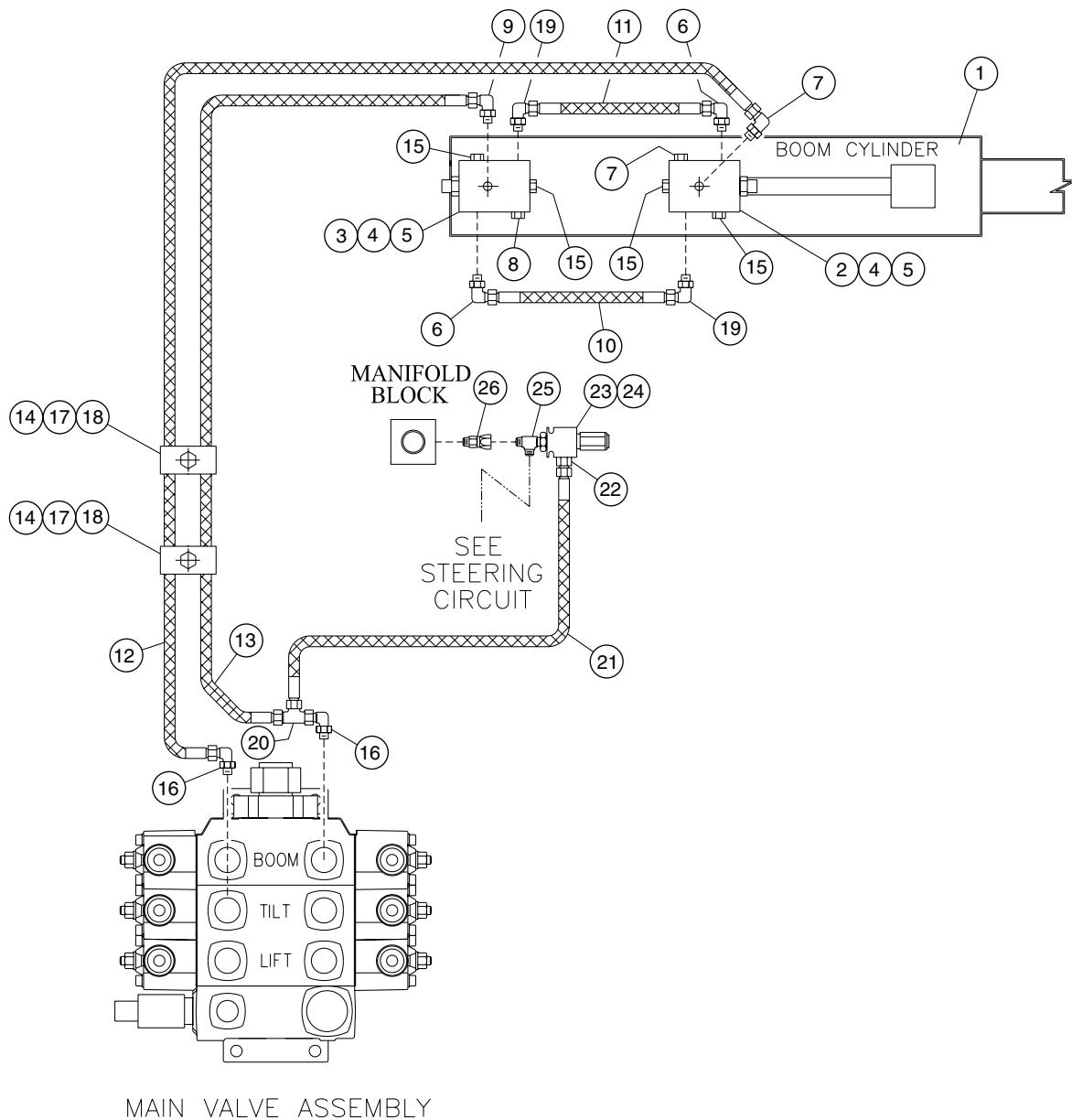
Figure	Rev	Description
605.1	A	Circuit, Boom (GTH-1048)



MAIN VALVE ASSEMBLY

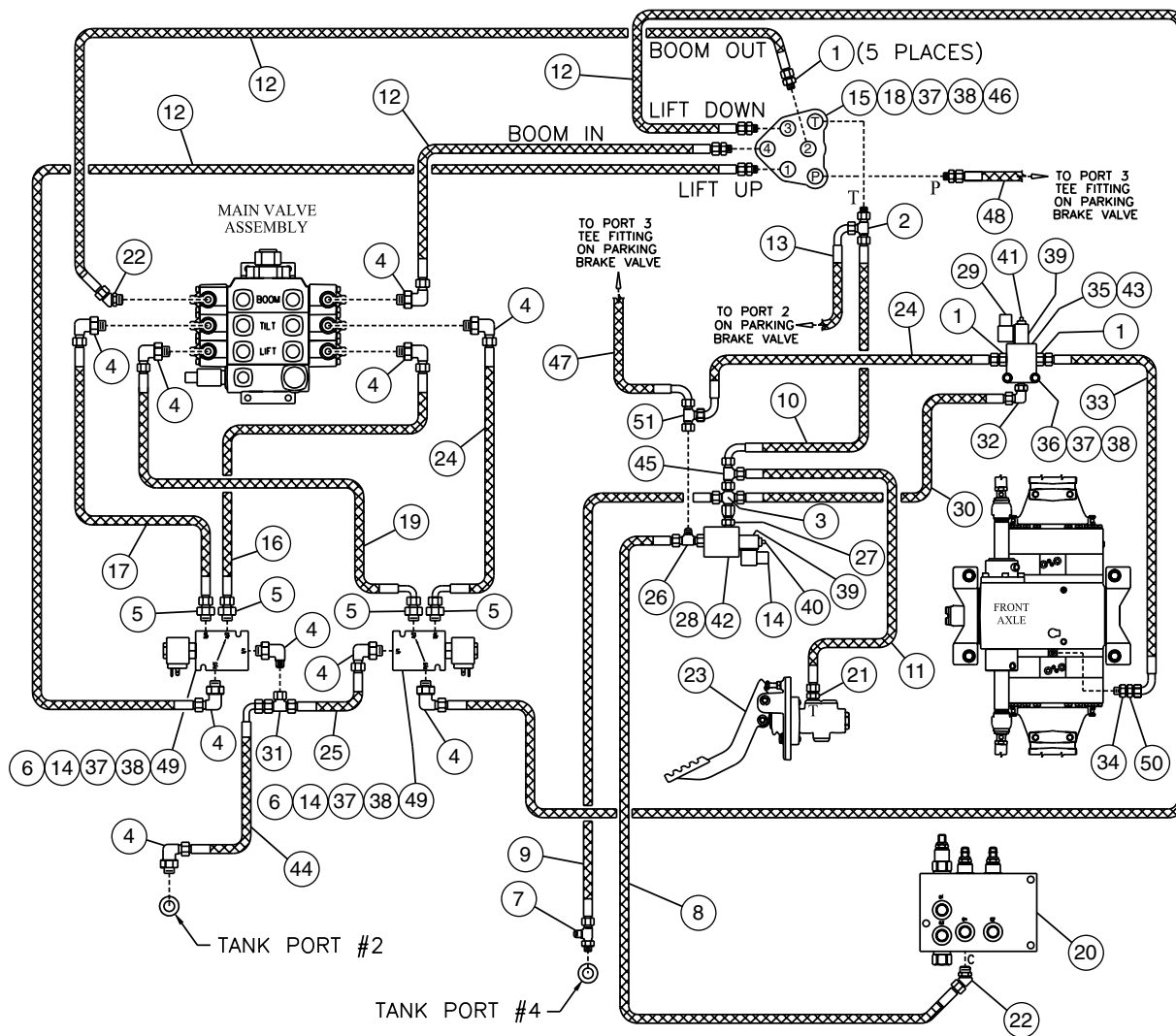
Item	Part No.	Description	Qty.
1	7-316-243	Cylinder, Boom	Ref.
2	7-234-03	Valve, Motion, Boom	Ref.
3	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	8
4	6-6214-06	Lock Washer, 3/8, High-collar	8
5	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	2
6	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
7	6-6457-03	Fitting, 04 OR Hex Head Plug	2
8	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
9	6-7002-30	Hose, 04 x 04 x 15 inches	1
10	6-7002-30	Hose, 04 x 04 x 15 inches	1
11	6-7005-126	Hose, 10 x 10 x 63 inches	1
12	6-7005-96	Hose, 10 x 10 x 48 inches	1
13	6-6475-07	Fitting, 10 JIC, BH Union	2
14	6-6457-05	Fitting, 06 OR Hex Head Plug	4
15	7-273-32	Clamp, Half Set, 5/8, Hose Twin ...	3
16	7-273-26	Cover Plate, 5/8, Hose Clamp	3
17	6-5205-16	Cap Screw, 5/16 NC x 2 inches	1
18	6-5205-30	Cap Screw, 5/16 NC x 3.75 inches	2
19	6-7005-154	Hose, 10 x 10 x 77 inches	2
20	6-6453-13	Fitting, 12 OR 10 JIC, 90°	2
21	6-6453-03	Fitting, 04 OR x 04 JIC, 90°	2

Figure	Rev	Description
606.1	A	Circuit, Boom (GTH-1056)



Item	Part No.	Description	Qty.
1	7-316-326	Cylinder, Boom	Ref.
2	7-234-03	Valve, Motion, Boom Head	Ref.
3	7-234-54	Valve, Motion, Boom Base	Ref.
4	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	8
5	6-6214-06	Lock Washer, 3/8, High-collar	8
6	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	2
7	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
8	6-6457-03	Fitting, 04 OR Hex Head Plug	2
9	6-6453-12	Fitting, 10 OR x 10 JIC, 90°	1
10	6-7002-30	Hose, 04 x 04 x 15 inches	1
11	6-7002-30	Hose, 04 x 04 x 15 inches	1
12	6-7005-296	Hose, 10 x 10 x 148 inches	1
13	6-7005-266	Hose, 10 x 10 x 133 inches	1
14	7-273-32	Clamp Half Set, 5/8 Twin Hose	2
15	6-6457-05	Fitting, 06 OR Hex Head Plug	4
16	6-6453-13	Fitting, 12 OR x 10 JIC, 90°	2
17	7-273-26	Cover Plate, 5/8 Hose Clamp	2
18	6-5205-16	Cap Screw, 5/16 NC x 2 inches	2
19	6-6453-03	Fitting, 04 OR x 04 JIC, 90°	2
20	6-6481-07	Fitting, 10 x 10 JIC, SW-RN-Tee	1
21	6-7014-68	Hose, 08 x 10 x 34 inches	1
22	6-6450-12	Fitting, 08 OR x 08 JIC, Straight	1
23	7-356-28	Cartridge, Relieving	1
24	7-356-29	Valve Body, Relieving	1
25	6-6455-06	Fitting, 08 OR x 08 JIC, RN-Tee	1
26	6-6485-02	Fitting, 08 OR x 08 JIC, SW Straight	1

Figure 607.1
Rev A
Description Circuit, 4-Way Controller (GTH-1048)

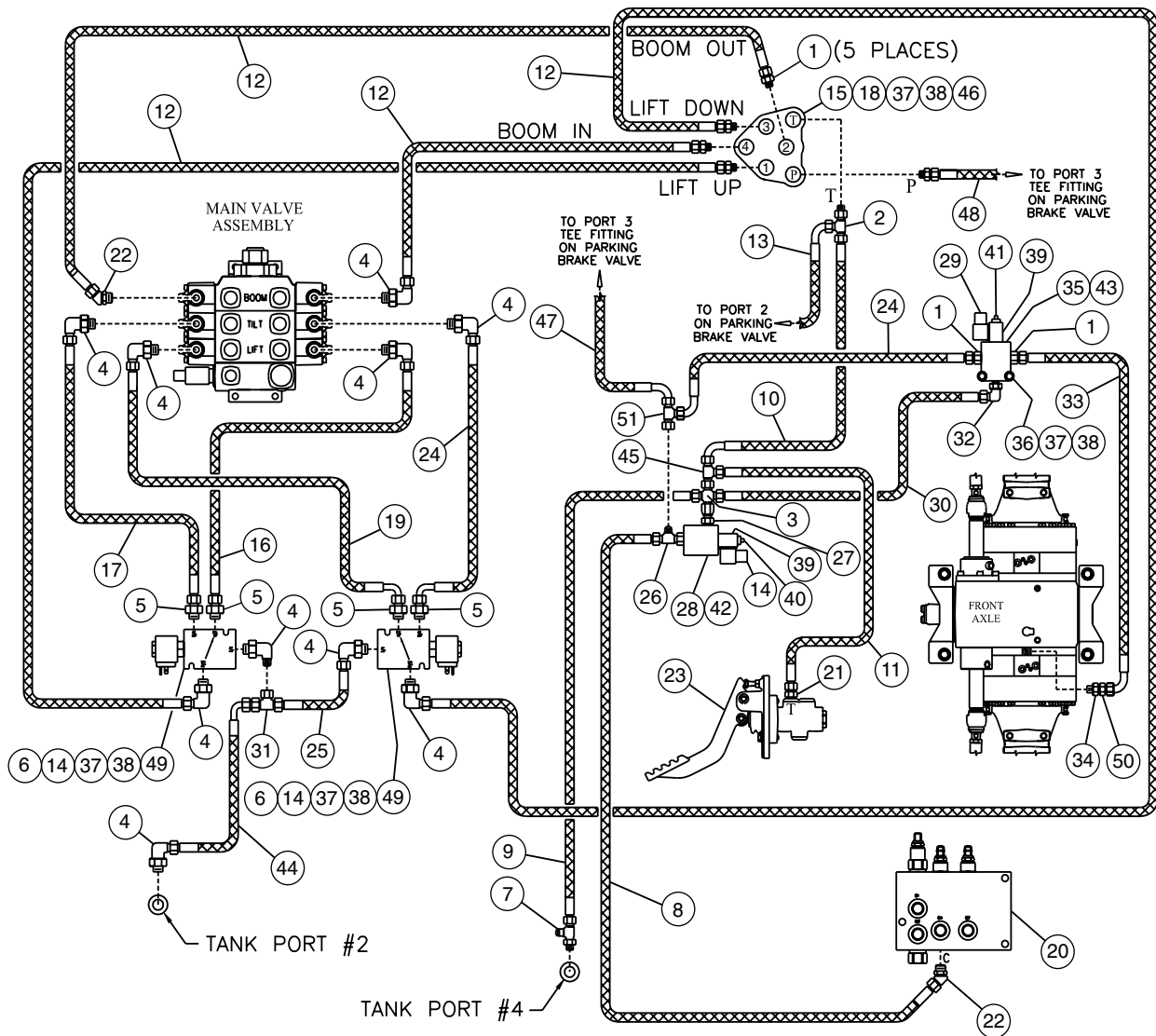


607.1
Circuit, 4-Way Controller (GTH-1048) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	7	31	6-6480-03	Fitting, 04 JIC, SW-BR-Tee	1
2	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee ..	1	32	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	1
3	6-6483-05	Fitting, 06 JIC, Cross	1	33	6-7022-186	Hose, 04 x 04-90 x 93 inches	1
4	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	9	34	7-371-04	Fitting, 14mm OR x 06 JIC, Straight	1
5	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	4	35	7-367-02	Valve Assembly, Differential Lock	Ref.
6	7-367-09	Valve Assembly, Electric	Ref.	36	6-5204-12	Cap Screw, 1/4 NC x 1.5 inches ...	2
7	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee ..	1	37	6-6212-04	Flat Washer, 1/4	10
8	6-7002-180	Hose, 04 x 04 x 90 inches	1	38	6-6211-04	Lock Washer, 1/4	10
9	6-7003-174	Hose, 06 x 06 x 87 inches	1	39	7-367-05	Coil, Din	Ref.
10	6-7023-62	Hose, 06 x 06-90 x 31 inches	1	40	7-367-06	Cartridge, Normally Open	Ref.
11	6-7003-150	Hose, 06 x 06 x 75 inches	1	41	7-367-03	Cartridge, Normally Closed	Ref.
12	6-7002-276	Hose, 04 x 04 x 138 inches	4	42	7-367-07	Valve Body, Controller Relief	Ref.
13	6-7023-100	Hose, 06 x 06-90 x 50 inches ..	Ref.	43	7-367-04	Valve Body, Differential Lock	Ref.
14	7-244-27	Din Connector (with Harness)	Ref.	44	6-7022-28	Hose, 04 x 04-90 x 14 inches	1
15	6-6201-04	Hex Nut, 1/4 NC	4	45	6-6481-05	Fitting, 06 JIC, SW-RN-Tee	1
16	6-7002-26	Hose, 04 x 04 x 13 inches	1	46	6-5204-06	Cap Screw, 1/4 NC x 0.75 inch	4
17	6-7002-34	Hose, 04 x 04 x 17 inches	1	47	6-7022-88	Hose, 04 x 04-90 x 44 inches	1
18	7-200-139	Controller, 4-way	Ref.	48	6-7022-100	Hose, 04 x 04-90 x 50 inches ..	Ref.
19	6-7022-44	Hose, 04 x 04-90 x 22 inches	1	49	6-5204-14	Cap Screw, 1/4 NC x 1.75 inches	4
20	7-234-94	Control Block	Ref.	50	6-6495-07	Fitting, 06 JIC F. x 04 JIC, M. Straight	1
21	6-6450-08	Fitting, 06 OR x 06 JIC, Straight	1	51	6-6481-03	Fitting, 04 JIC, SW-RN-Tee	1
22	6-6452-19	Fitting, 06 OR x 04 JIC, 45°	2				
23	7-198-48	Actuator, Hanging Brake Pedal	Ref.				
24	6-7022-34	Hose, 04 x 04-90 x 17 inches	2				
25	6-7002-17	Hose, 04 x 04 x 8.5 inches	1				
26	6-6455-15	Fitting, 06 OR x 04 JIC, RN-Tee ..	1				
27	6-6485-06	Fitting, 06 OR x 06 JIC, Swivel	1				
28	7-367-01	Valve Assembly, Controller Relief	Ref.				
29	7-244-27	Din Connector (with Harness)	Ref.				
30	6-7003-26	Hose, 06 x 06 x 13 inches	1				

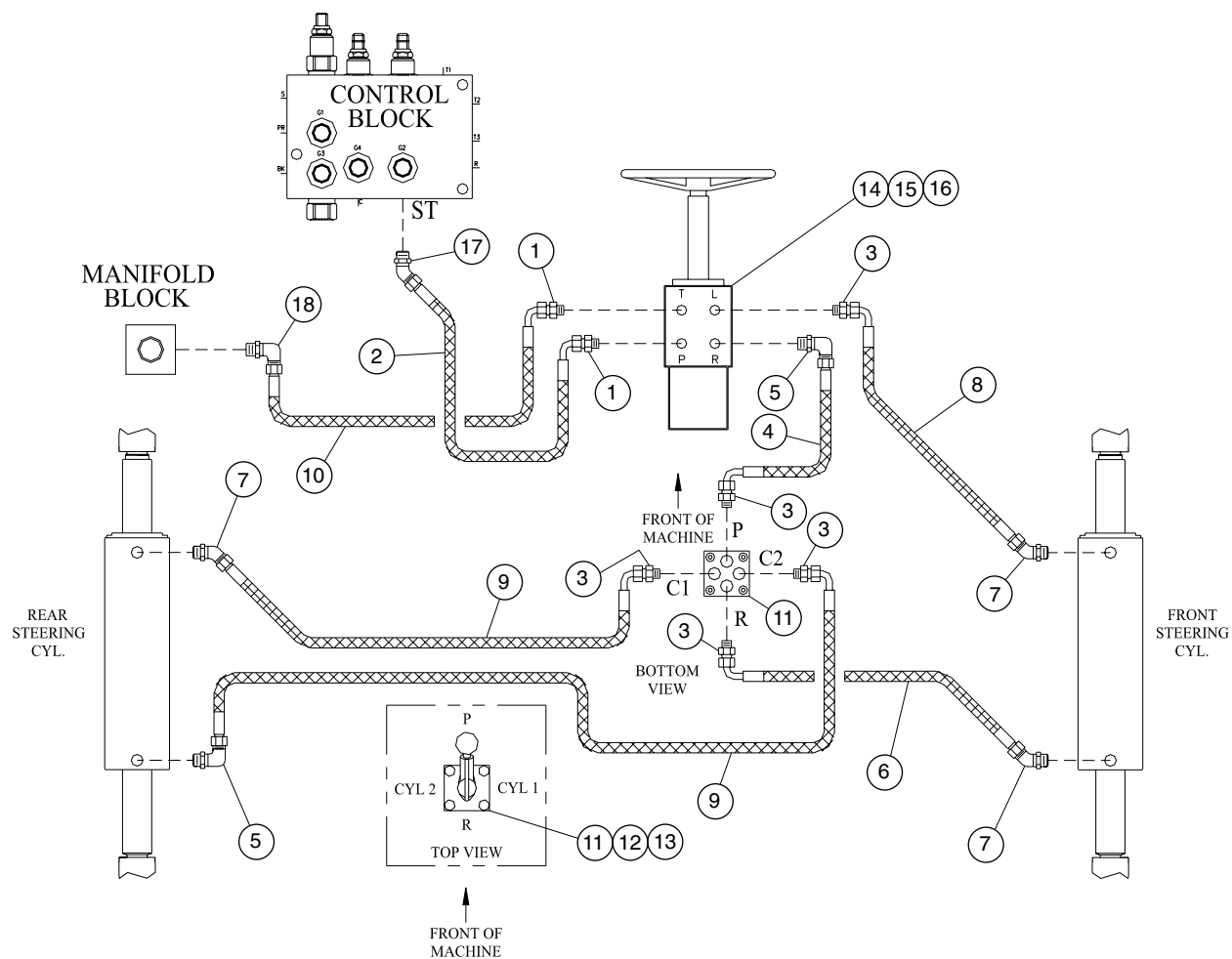


Figure 608.1
Rev A
Description Circuit, 4-Way Controller (GTH-1056)



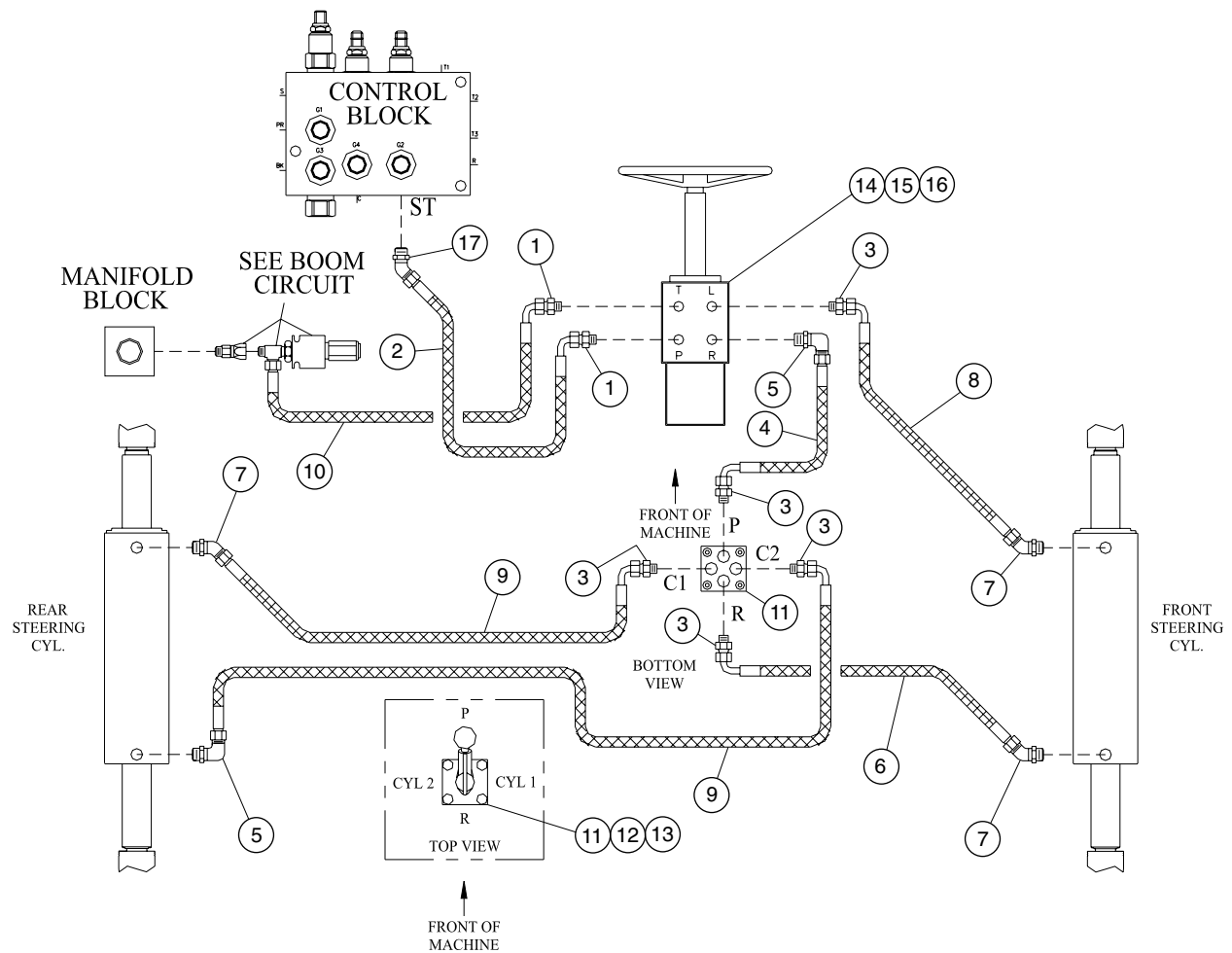
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6450-05	Fitting, 06 OR x 04 JIC, Straight	7	29	7-244-27	Din Connector (with Harness)	Ref.
2	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee	1	30	6-7003-26	Hose, 06 x 06 x 13 inches	1
3	6-6483-05	Fitting, 06 JIC, Cross	1	31	6-6480-03	Fitting, 04 JIC, SW-BR-Tee	1
4	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	9	32	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	1
5	6-6450-05	Fitting, 06 OR x 04 JIC, Straight	4	33	6-7022-186	Hose, 04 x 04-90 x 93 inches	1
6	7-367-09	Valve Assembly, Electric	Ref.	34	7-371-04	Fitting, 14mm OR x 06 JIC, Straight	1
7	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee ..	1	35	7-367-02	Valve Assembly, Differential Lock	Ref.
8	6-7002-180	Hose, 04 x 04 x 90 inches	1	36	6-5204-12	Cap Screw, 1/4 NC x 1.5 inches	2
9	6-7003-174	Hose, 06 x 06 x 87 inches	1	37	6-6212-04	Flat Washer, 1/4	10
10	6-7023-62	Hose, 06 x 06-90 x 31inches	1	38	6-6211-04	Lock Washer, 1/4	10
11	6-7003-150	Hose, 06 x 06 x 75 inches	1	39	7-367-05	Coil, DIN	Ref.
12	6-7002-276	Hose, 04 x 04 x 138 inches	4	40	7-367-06	Cartridge, Normally Open	Ref.
13	6-7023-100	Hose, 06 x 06-90 x 50 inches ..	Ref.	41	7-367-03	Cartridge, Normally Closed	Ref.
14	7-244-27	Din Connector (with Harness)	Ref.	42	7-367-07	Valve Body, Controller Relief	Ref.
15	6-6201-04	Hex Nut, 1/4 NC	4	43	7-367-04	Valve Body, Differential Lock	Ref.
16	6-7002-26	Hose, 04 x 04 x 13 inches	1	44	6-7022-28	Hose, 04 x 04-90 x 14 inches	1
17	6-7002-34	Hose, 04 x 04 x 17 inches	1	45	6-6481-05	Fitting, 06 JIC, SW-RN-Tee	1
18	7-200-139	Controller, 4-Way	Ref.	46	6-5204-06	Cap Screw, 1/4 NC x 0.75 inches	4
19	6-7022-44	Hose, 04 x 04-90 x 22 inches	1	47	6-7022-88	Hose, 04 x 04-90 x 44 inches	1
20	7-234-94	Control Block	Ref.	48	6-7022-100	Hose, 04 x 04-90 x 50 inches ..	Ref.
21	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	1	49	6-5204-14	Cap Screw, 1/4 NC x 1.75 inches	4
22	6-6452-19	Fitting, 06 OR x 04 JIC, 45°	2	50	6-6495-07	Fitting, 06 JIC, F. x 04 JIC, M. Straight	1
23	7-198-48	Actuator, Hanging Brake Pedal	Ref.	51	6-6481-03	Fitting, 04 JIC, SW-RN-Tee	1
24	6-7022-34	Hose, 04 x 04-90 x 17 inches	2				
25	6-7002-17	Hose, 04 x 04 x 8.5 inches	1				
26	6-6455-15	Fitting, 06 OR x 04 JIC, RN-Tee	1				
27	6-6485-06	Fitting, 06 OR x 06 JIC, SW	1				
28	7-367-01	Valve Assembly, Controller Relief	Ref.				

Figure	Rev	Description
609.1	A	Circuit, Steering (GTH-1048)



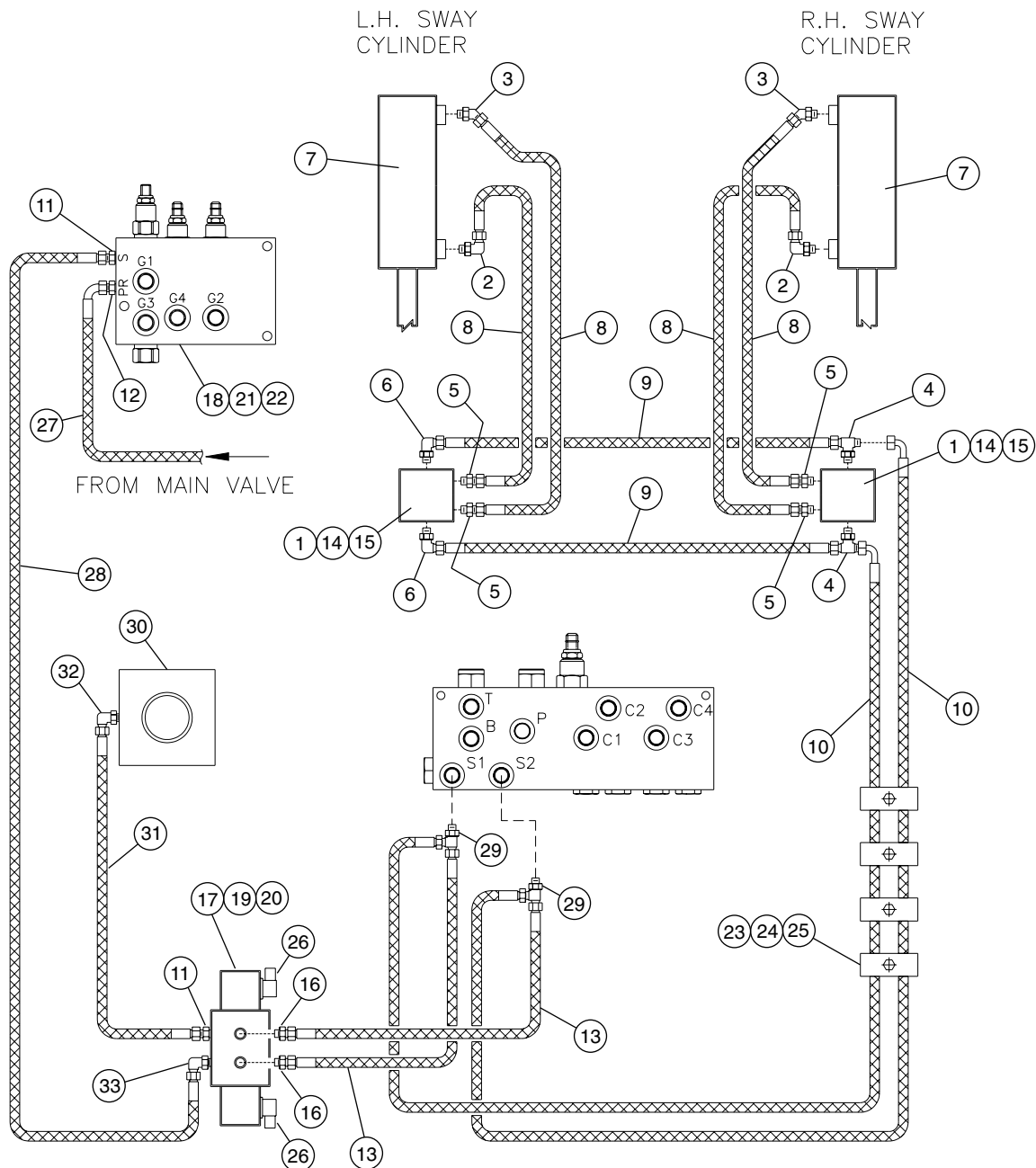
Item	Part No.	Description	Qty.
1	6-6450-12	Fitting, 08 OR x 08 JIC, Straight	2
2	6-7024-328	Hose, 08 x 08-90 x 164 inches	1
3	6-6450-09	Fitting, 08 OR x 06 JIC, Straight	5
4	6-7023-40	Hose, 06 x 06-90 x 20 inches	1
5	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	2
6	6-7023-252	Hose, 06 x 06-90 x 126 inches	1
7	6-6452-14	Fitting, 08 OR x 06 JIC, 45°	3
8	6-7023-214	Hose, 06 x 06-90 x 107 inches	1
9	6-7023-290	Hose, 06 x 06-90 x 145 inches	2
10	6-7024-388	Hose, 08 x 08-90 x 194 inches	1
11	7-359-02	Valve, Steering Selector	Ref.
12	6-5205-06	Cap Screw, $\frac{5}{16}$ NC x 0.75 inch	4
13	6-6211-05	Lock Washer, $\frac{5}{16}$	4
14	7-147-48	Steering Orbital	Ref.
15	6-5206-08	Cap Screw, $\frac{3}{8}$ NC x 1 inch	4
16	6-6211-06	Lock Washer, $\frac{3}{8}$	4
17	6-6452-04	Fitting, 08 OR x 08 JIC, 45°	1
18	6-6453-09	Fitting, 08 OR x 08 JIC, 90°	1

Figure	Rev	Description
610.1	A	Circuit, Steering (GTH-1056)



Item	Part No.	Description	Qty.
1	6-6450-12	Fitting, 08 OR x 08 JIC, Straight	2
2	6-7024-328	Hose, 08 x 08-90 x 164 inches	1
3	6-6450-09	Fitting, 08 OR x 06 JIC, Straight	5
4	6-7023-40	Hose, 06 x 06-90 x 20 inches	1
5	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	2
6	6-7023-252	Hose, 06 x 06-90 x 126 inches	1
7	6-6452-14	Fitting, 08 OR x 06 JIC, 45°	3
8	6-7023-214	Hose, 06 x 06-90 x 107 inches	1
9	6-7023-290	Hose, 06 x 06-90 x 145 inches	2
10	6-7024-388	Hose, 08 x 08-90 x 194 inches	1
11	7-359-02	Valve, Steering Selector	Ref.
12	6-5205-06	Cap Screw, 5/16 NC x 0.75 inches	4
13	6-6211-05	Lock Washer, 5/16	4
14	7-148-48	Orbital, Steering	Ref.
15	6-5206-08	Cap Screw, 3/8 NC x 1 inch	4
16	6-6211-06	Lock Washer, 3/8	4
17	6-6452-04	Fitting, 08 OR x 08 JIC, 45°	1

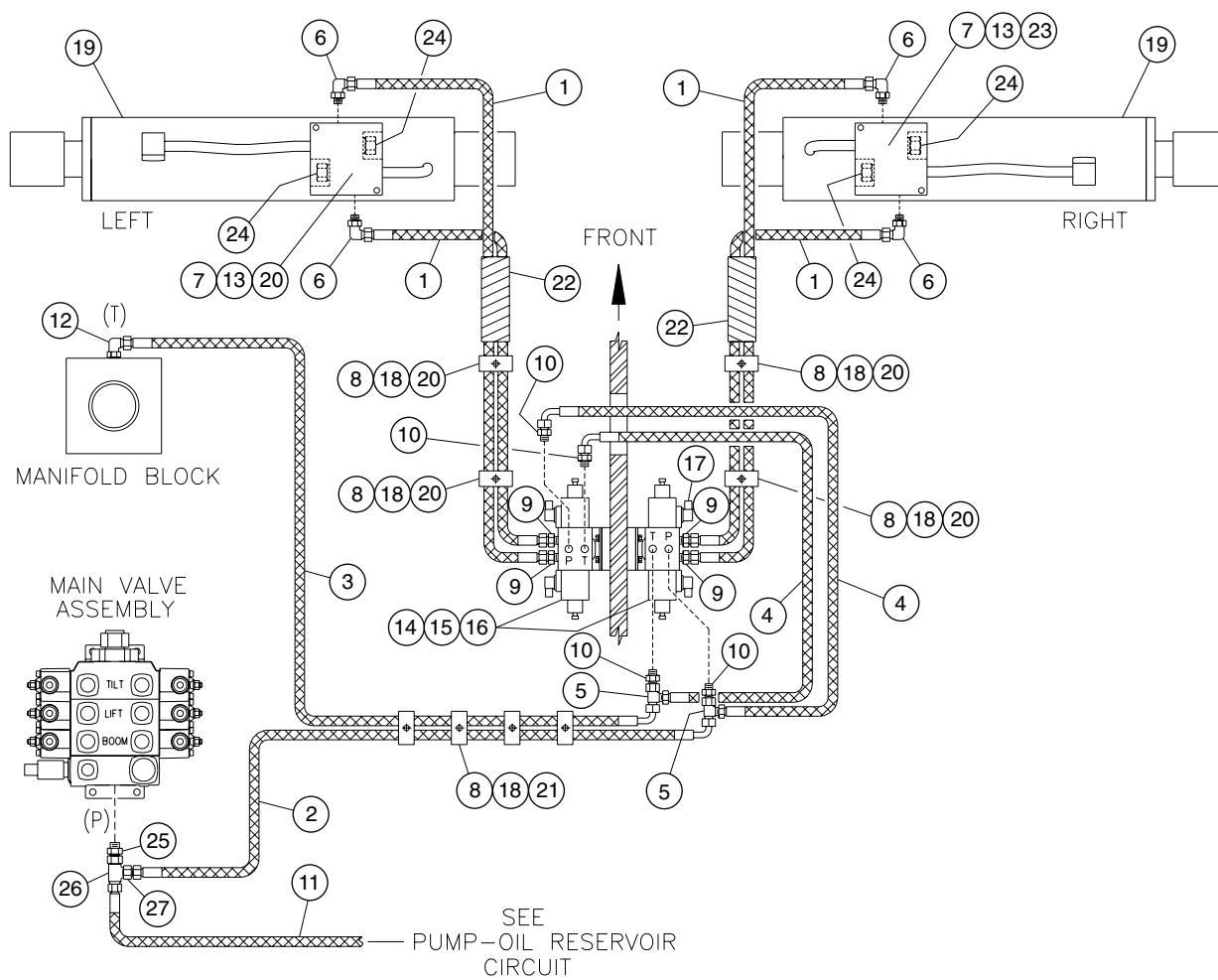
Figure 611.1
Rev A
Description Circuit, Sway (all models)



611.1
Circuit, Sway (all models) Rev A

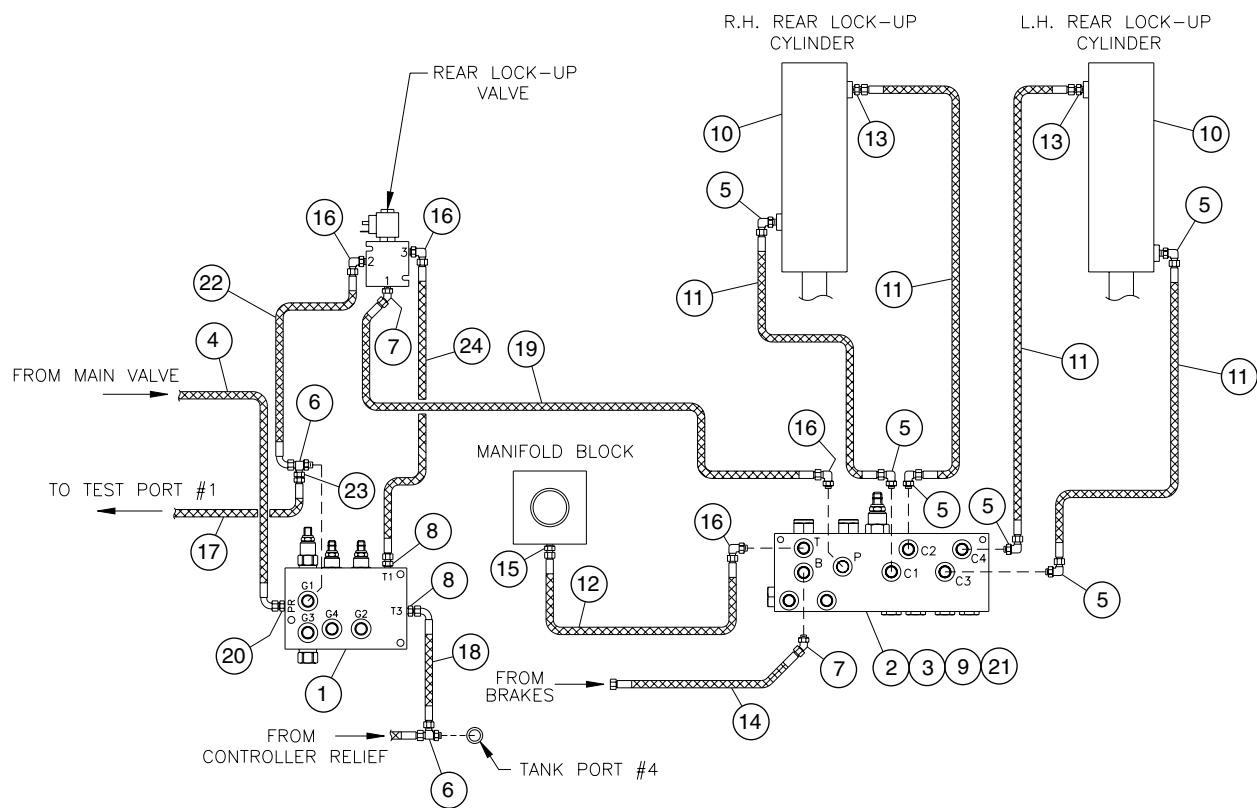
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-234-04	Dual Check Valve	Ref.	28	6-7003-40	Hose, 06 x 06 x 20 inches	1
2	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	2	29	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee	2
3	6-6452-19	Fitting, 06 OR x 04 JIC, 45°	2	30	3-1376	Manifold Block	Ref.
4	6-6454-06	Fitting, 08 OR x 08 JIC, BR-Tee	2	31	6-7003-74	Hose, 06 x 06 x 37 inches	1
5	6-6450-06	Fitting, 08 OR x 04 JIC, Straight	4	32	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	1
6	6-6453-09	Fitting, 08 OR x 08 JIC, 90°	2	33	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	1
7	7-182-34	Cylinder, Sway	Ref.				
8	6-7002-86	Hose, 04 x 04 x 43 inches	4				
9	6-7004-44	Hose, 08 x 08 x 22 inches	2				
10	6-7033-296	Hose, 06 x 08-90 x 148 inches	2				
11	110129	Restrictor Fitting (.060)	2				
12	6-6450-15	Fitting, 08 OR x 10 JIC, Straight	Ref.				
13	6-7003-40	Hose, 06 x 06 x 20 inches	2				
14	6-6211-05	Lock Washer, ⁵ / ₁₆	4				
15	6-5205-14	Cap Screw, ⁵ / ₁₆ NC x 1.75 inches	4				
16	6-6450-08	Fitting, 06 OR x 06 JIC, Straight	2				
17	7-244-31	Valve, Electric, Sway	Ref.				
18	7-234-94	Control Block Assembly	Ref.				
19	6-5204-04	Cap Screw, ¹ / ₄ NC x 0.50 inch	2				
20	6-6211-04	Lock Washer, ¹ / ₄	2				
21	6-5205-20	Cap Screw, ⁵ / ₁₆ NC x 2.50 inches	3				
22	6-6211-05	Lock Washer, ⁵ / ₁₆	3				
23	7-273-27	CLamp Half Set, ³ / ₈ Twin Hose	4				
24	7-273-23	Cover Plate, ³ / ₈ Hose Clamp	4				
25	6-5205-18	Cap Screw, ⁵ / ₁₆ NC x 2.25 inches	4				
26	7-244-27	Din Connector (included with Harness)	Ref.				
27	6-7025-36	Hose, 10 x 10-90 x 18 inches ..	Ref.				

Figure 612.1 **Rev** A **Description**
 Circuit, Front Stabilizer (all models)



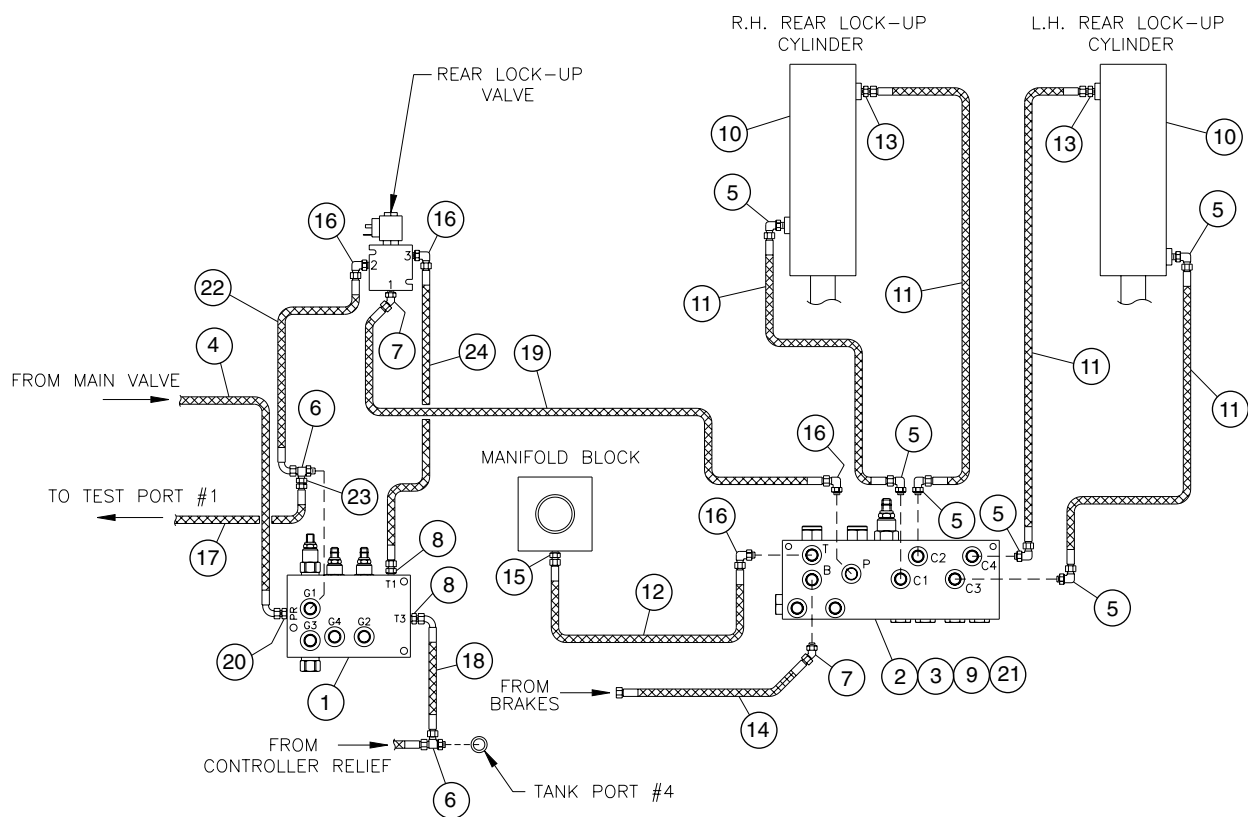
Item	Part No.	Description	Qty.
1	6-7003-136	Hose, 06 x 06 x 68 inches	4
2	6-7023-380	Hose, 06 x 06-90 x 180 inches	1
3	6-7023-420	Hose, 06 x 06-90 x 210 inches	1
4	6-7023-40	Hose, 06 x 06-90 x 20 inches	2
5	6-6481-05	Fitting, 06 JIC, SW-RN-Tee	2
6	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	4
7	3-1482	Cover, Valve Block	2
8	7-273-27	Clamp Half Set, ³ / ₈ Twin Hose	8
9	6-6450-08	Fitting, 06 OR x 06 JIC, Straight	4
10	108617	Restrictor Fitting (0.081 inch/4.6 mm)	4
11	6-7025-36	Hose, 10 x 10-90 x 18 inches	Ref.
12	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	1
13	6-6211-05	Lock Washer, ⁵ / ₁₆	4
14	7-244-31	Valve, Electric, Stabilizers	2
15	6-5204-04	Cap Screw, ¹ / ₄ NC x 0.5 inch	4
16	6-6211-04	Lock Washer, ¹ / ₄	4
17	7-244-27	Din Connector (included with Harness)	Ref.
18	7-273-23	Cover Plate, ³ / ₈ Hose Clamp	4
19	7-316-394	Cylinder, Stabilizer	Ref.
20	6-5205-10	Cap Screw, ⁵ / ₁₆ NC x 1.25 inches	4
21	6-5205-18	Cap Screw, ⁵ / ₁₆ NC x 2.25 inches	Ref.
22	7-299-08	Hose Armor, 1.00 I.D.	28 inches
23	6-5205-06	Cap Screw, ⁵ / ₁₆ NC x 0.75 inches	4
24	7-234-62	Cartridge Check	4
25	6-6450-17	Fitting, 12 OR x 10 JIC, Straight	Ref.
26	6-6481-07	Fitting, 10 JIC, SW-RN-Tee	Ref.
27	6-6495-04	Fitting, 10 JIC F. x 06 JIC, M. Straight	Ref.

Figure	Rev	Description
613.1	A	Circuit, Rear Axle Lock-up (GTH-1048)



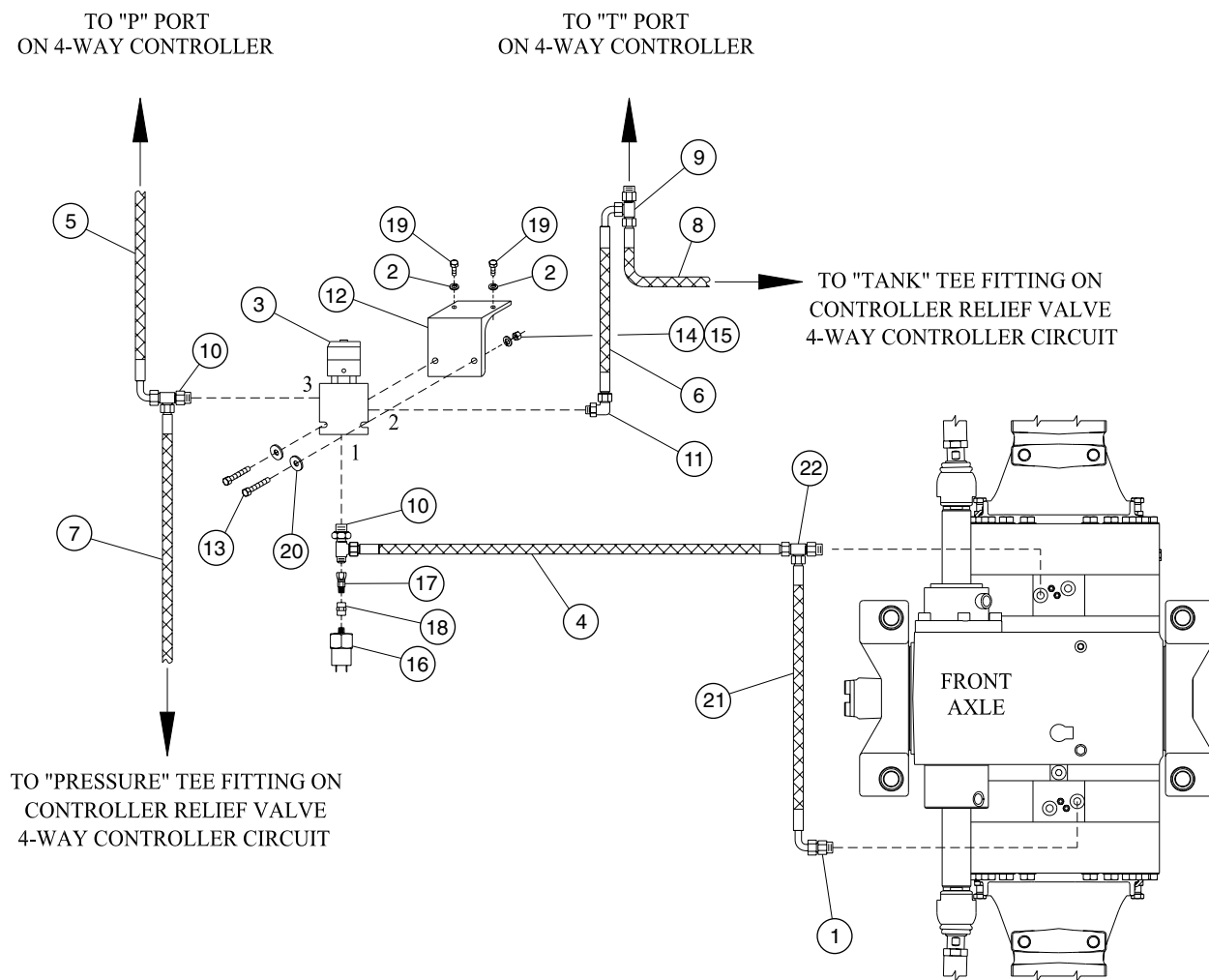
Item	Part No.	Description	Qty.
1	7-234-94	Control Block	Ref.
2	7-168-02	Block Assembly, Rear Lock-up	Ref.
3	7-304-07	Cartridge, Modular Control	2
4	6-7025-36	Hose, 10 x 10-90 x 18 inches ..	Ref.
5	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	6
6	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee	Ref.
7	6-6452-03	Fitting, 06 OR x 06 JIC, 45°	2
8	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2
9	6-6211-05	Lock Washer, ⁵ / ₁₆	2
10	7-182-34	Cylinder, Rear Lock-up	Ref.
11	6-7002-74	Hose, 04 x 04 x 37 inches	4
12	6-7003-90	Hose, 06 x 06 x 45 inches	1
13	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	2
14	6-7003-194	Hose, 06 x 06 x 97 inches	1
15	6-6450-09	Fitting, 08 OR x 06 JIC, Straight ...	1
16	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	4
17	6-7002-26	Hose, 04 x 04 x 13 inches	Ref.
18	6-7023-32	Hose, 06 x 06-90 x 16 inches	1
19	6-7003-62	Hose, 06 x 06 x 31 inches	1
20	6-6450-15	Fitting, 08 OR x 10 JIC, Straight	Ref.
21	6-5205-22	Cap Screw, ⁵ / ₁₆ NC x 2.75 inches	2
22	6-7023-26	Hose, 06 x 06-90 x 13 inches	1
23	6-6495-07	Fitting, 06 x 04 JIC, Reducer ...	Ref.
24	6-7003-20	Hose, 06 x 06 x 10 inches	1

Figure	Rev	Description
614.1	A	Circuit, Rear Axle Lock-up (GTH-1056)



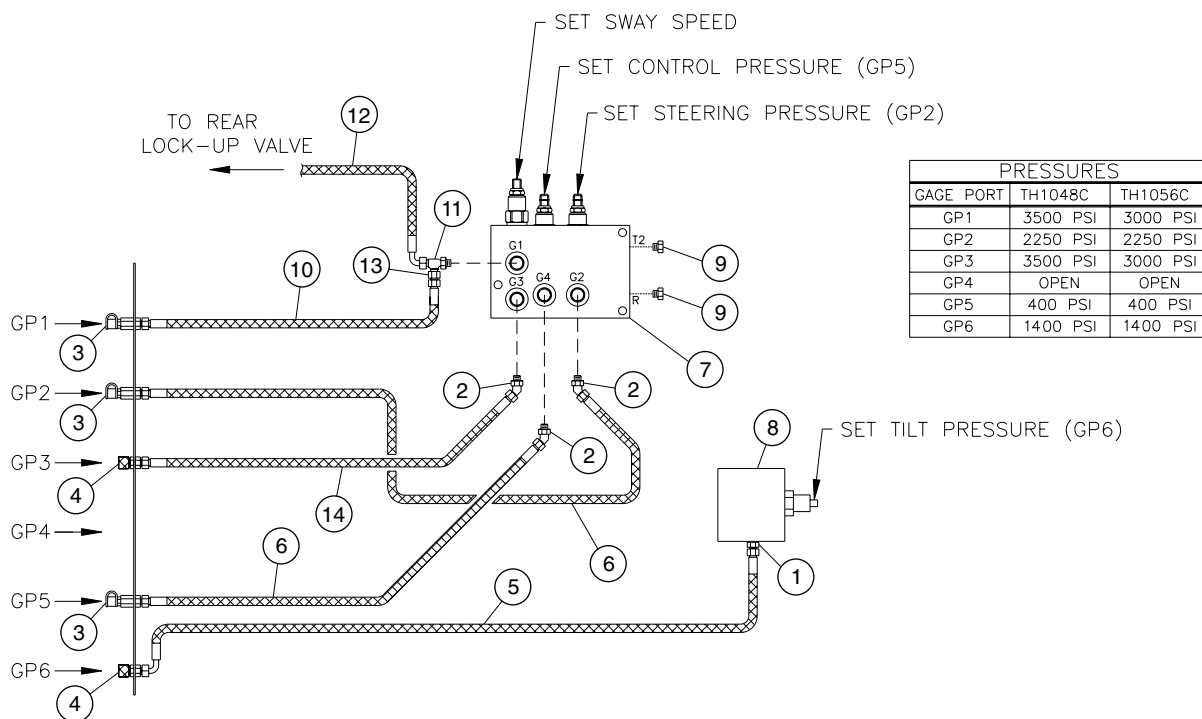
Item	Part No.	Description	Qty.
1	7-234-94	Control Block	Ref.
2	7-168-02	Block Assembly, Rear Lock-up	Ref.
3	7-304-07	Cartridge, Modular Control	2
4	6-7025-36	Hose, 10 x 10-90 x 18 inches ..	Ref.
5	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	6
6	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee	Ref.
7	6-6452-03	Fitting, 06 OR x 06 JIC, 45°	2
8	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2
9	6-6211-05	Lock Washer, ⁵ / ₁₆	2
10	7-182-34	Cylinder, Rear Lock-up	Ref.
11	6-7002-74	Hose, 04 x 04 x 37 inches	4
12	6-7003-90	Hose, 06 x 06 x 45 inches	1
13	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	2
14	6-7003-194	Hose, 06 x 06 x 97 inches	1
15	6-6450-09	Fitting, 08 OR x 06 JIC, Straight ...	1
16	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	4
17	6-7002-26	Hose, 04 x 04 x 13 inches	Ref.
18	6-7023-32	Hose, 06 x 06-90 x 16 inches	1
19	6-7003-62	Hose, 06 x 06 x 31 inches	1
20	6-6450-15	Fitting, 08 OR x 10 JIC, Straight	Ref.
21	6-5205-22	Cap Screw, ⁵ / ₁₆ NC x 2.75 inches	2
22	6-7023-26	Hose, 06 x 06-90 x 13 inches	1
23	6-6495-07	Fitting, 06 x 04 JIC, Reducer ...	Ref.
24	6-7003-20	Hose, 06 x 06 x 10 inches	1

Figure	Rev	Description
615.1	A	Circuit, Parking Brake (all models)



Item	Part No.	Description	Qty.
1	7-371-04	Fitting, 14 mm OR x 06 JIC, Straight 1	1
2	6-6211-05	Lock Washer, ⁵ / ₁₆ 2	2
3	7-358-08	Valve, Parking Brake Ref.	Ref.
4	6-7012-240	Hose, 06 x 04 x 120 inches 1	1
5	6-7022-100	Hose, 04 x 04-90 x 50 inches 1	1
6	6-7023-100	Hose, 06 x 06-90 x 50 inches 1	1
7	6-7022-88	Hose, 04 x 04-90 x 44 inches .. Ref.	Ref.
8	6-7023-62	Hose, 06 x 06 x 31 inches Ref.	Ref.
9	6-6455-05	Fitting, 06 OR x 06 JIC, RN. Tee Ref.	Ref.
10	6-6455-15	Fitting, 06 OR x 04 JIC, RN. Tee 2	2
11	6-6453-06	Fitting, 06 OR x 06 JIC, 90° 1	1
12	2-1205	Mounting Bracket, Brake Valve 1	1
13	6-5204-16	Cap Screw, ¹ / ₄ NC x 2 inches 2	2
14	6-6201-04	Hex Nut, ¹ / ₄ NC 2	2
15	6-6211-04	Lock Washer, ¹ / ₄ 2	2
16	7-359-16	Pressure Switch, Parking Brake ... 1	1
17	6-6486-01	Fitting, 02 NPT M. x 04 JIC, SW. 1	1
18	6-6440-02	Fitting, 02 NPT Coupling 1	1
19	6-5205-06	Cap Screw, ⁵ / ₁₆ NC x ³ / ₄ inch 2	2
20	6-6212-05	Flat Washer, ⁵ / ₁₆ 2	2
21	6-7023-32	Hose, 06 x 06-90 x 16 inches 1	1
22	108666	Fitting, 14 mm OR x 06 JIC, RN-Tee 1	1

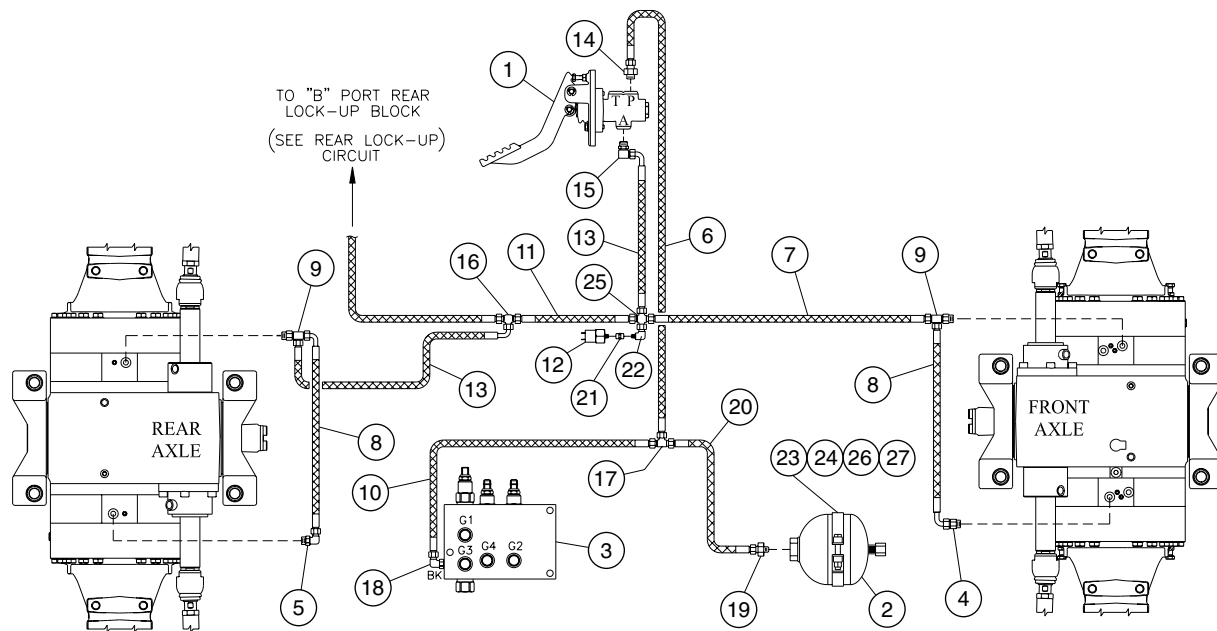
Figure 616.1 **Rev** A **Description** Circuit, Pressure Checks (all models)



616.1
Circuit, Pressure Checks (all models) Rev A

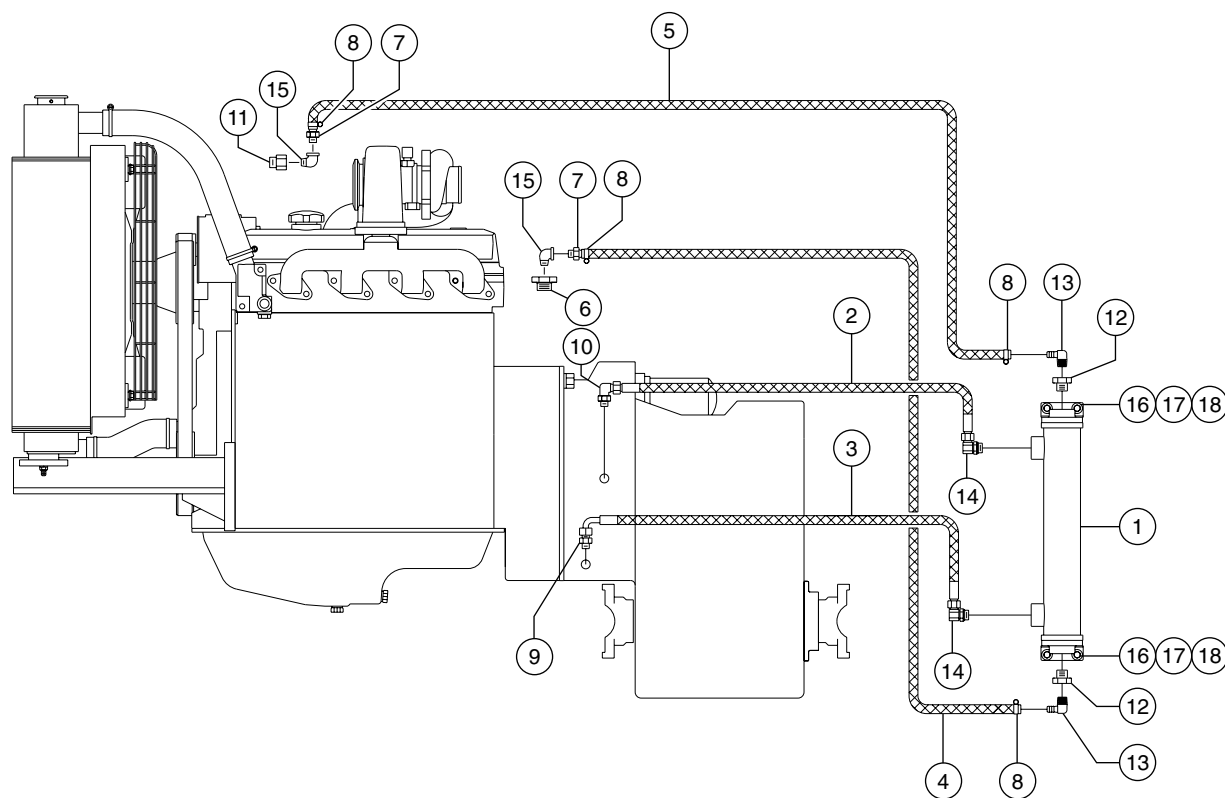
Item	Part No.	Description	Qty.
1	6-6450-05	Fitting, 06 OR x 04 JIC, Straight	1
2	6-6452-19	Fitting, 06 OR x 04 JIC, 45°	3
3	7-256-27	Pressure Check, Male	2
4	7-302-01	Pressure Check, Male	2
5	6-7022-38	Hose, 04 x 04-90 x 19 inches	1
6	6-7002-34	Hose, 04 x 04 x 17 inches	3
7	7-234-94	Control Block	Ref.
8	7-234-50	Valve, Tilt Limiter	Ref.
9	6-6457-05	Fitting, 06 OR Plug	2
10	6-7002-26	Hose, 04 x 04 x 13 inches	1
11	6-6455-05	Fitting, 06 OR x 06 JIC, RN-Tee	1
12	6-7023-26	Hose, 06 x 06-90 x 13 inches ..	Ref.
13	6-6495-07	Fitting, 06 x 04 JIC, Reducer	1
14	6-7002-30	Hose, 04 x 04 x 15 inches	1

Figure	Rev	Description
617.1	A	Circuit, Brake (all models)



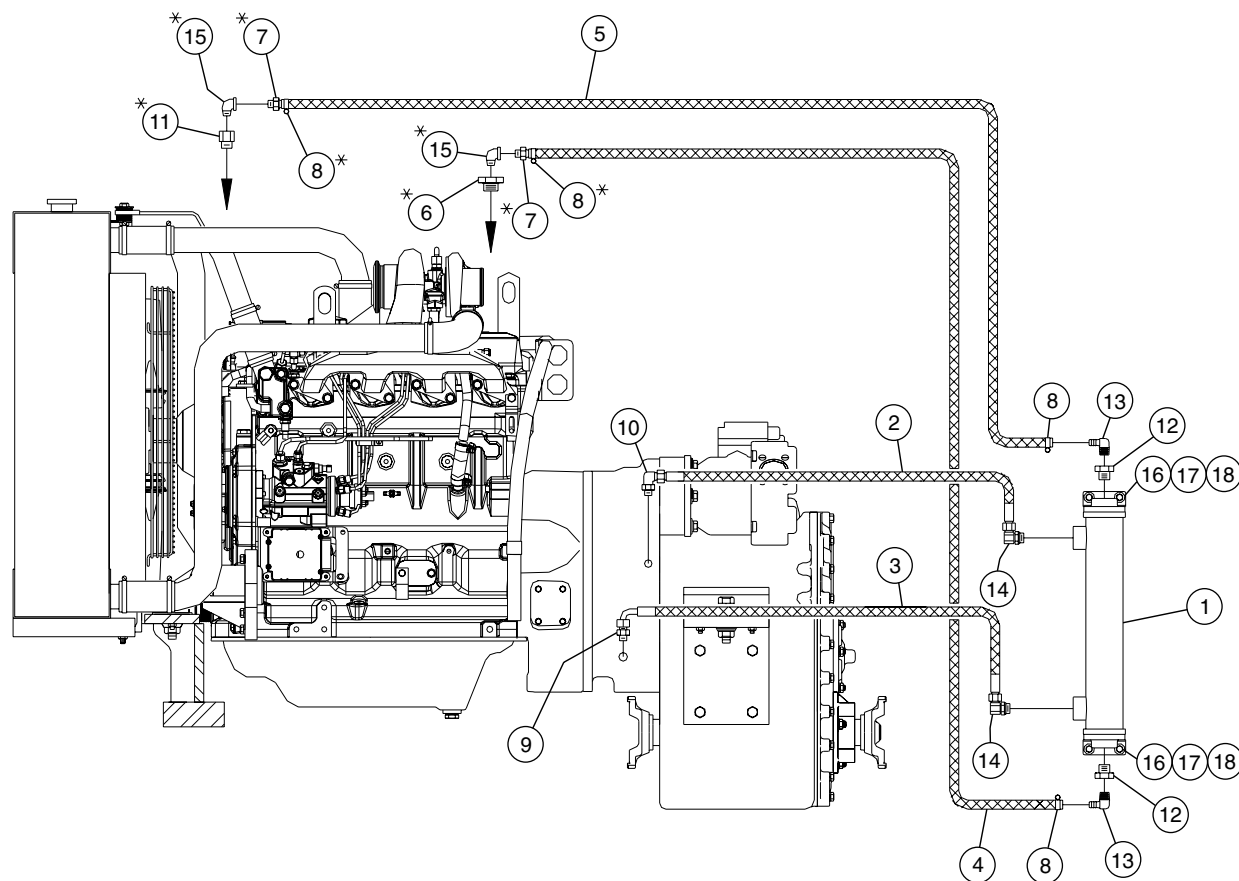
Item	Part No.	Description	Qty.
1	7-198-48	Actuator, Hanging Brake	Ref.
2	7-110-02	Accumulator, Brake	Ref.
3	7-234-94	Control Block	Ref.
4	7-371-04	Fitting, 14 mm OR x 06 JIC, Straight	1
5	7-371-05	Fitting, 14 mm OR x 06 JIC, 90° ...	1
6	6-7002-86	Hose, 04 x 04 x 43 inches	1
7	6-7003-130	Hose, 06 x 06 x 65 inches	1
8	6-7023-32	Hose, 06 x 06-90 x 16 inches	2
9	108666	Fitting, 14 mm OR x 06 JIC, RN-Tee	2
10	6-7002-244	Hose, 04 x 04 x 122 inches	1
11	6-7003-100	Hose, 06 x 06 x 50 inches	1
12	7-359-17	Pressure Switch, Clutch Cut-off	1
13	6-7023-100	Hose, 06 x 06-90 x 50 inches	2
14	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	1
15	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	1
16	6-6482-05	Fitting, 06 JIC, Tee	1
17	6-6482-03	Fitting, 04 JIC, Tee	1
18	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1
19	6-6450-06	Fitting, 08 OR x 04 JIC, Straight ...	1
20	6-7002-56	Hose, 04 x 04 x 28 inches	1
21	6-6402-02	Fitting, 04 x 02 NPT Coupling	1
22	6-6435-03	Fitting, 04 NPT x 06 JIC, F. SW. 90°	1
23	6-5205-08	Cap Screw, ⁵ / ₁₆ NC x 1 inch	2
24	6-6212-05	Flat Washer, ⁵ / ₁₆	2
25	6-6483-05	Fitting, 06 JIC, Cross	1
26	7-110-03	Bracket, Accumulator	1
27	36456	Spring Clip, ⁵ / ₁₆ NC	2

Figure	Rev	Description
618.1	A	Circuit, Oil Cooler (GTH-1048)



Item	Part No.	Description	Qty.
1	7-236-11	Oil Cooler	1
2	6-7006-58	Hose, 12 x 12 x 29 inches	1
3	6-7026-50	Hose, 12 x 12-90 x 25 inches	1
4	7-158-63	Hose-Heater, $\frac{3}{4}$ I.D.	60 inches
5	7-158-63	Hose-Heater, $\frac{3}{4}$ I.D.	60 inches
6	7-183-191	Fitting Adapter	1
7	6-6423-18	Hose End, 12-08 Male Pipe	2
8	6-6252-04	Hose Clamp, #12	4
9	6-6450-20	Fitting, 12 OR x 12 JIC, Straight	1
10	6-6453-15	Fitting, 12 OR x 12 JIC, 90°	1
11	6-6459-01	Fitting, 18 mm x 08 NPT Red	1
12	6-6406-13	Fitting, 20-12 NPT Reducer	2
13	6-6400-19	Fitting, $\frac{3}{4}$ NPT x $\frac{3}{4}$ Hose Barb, 90°	2
14	6-6453-15	Fitting, 12 OR x 12 JIC, 90°	2
15	6-6437-04	Fitting, 08 NPT ST Elbow, Blk-P ..	1
16	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x $\frac{3}{4}$ LG	4
17	6-6211-06	Lock Washer, $\frac{3}{8}$	4
18	6-6212-06	Flat Washer, $\frac{3}{8}$	4

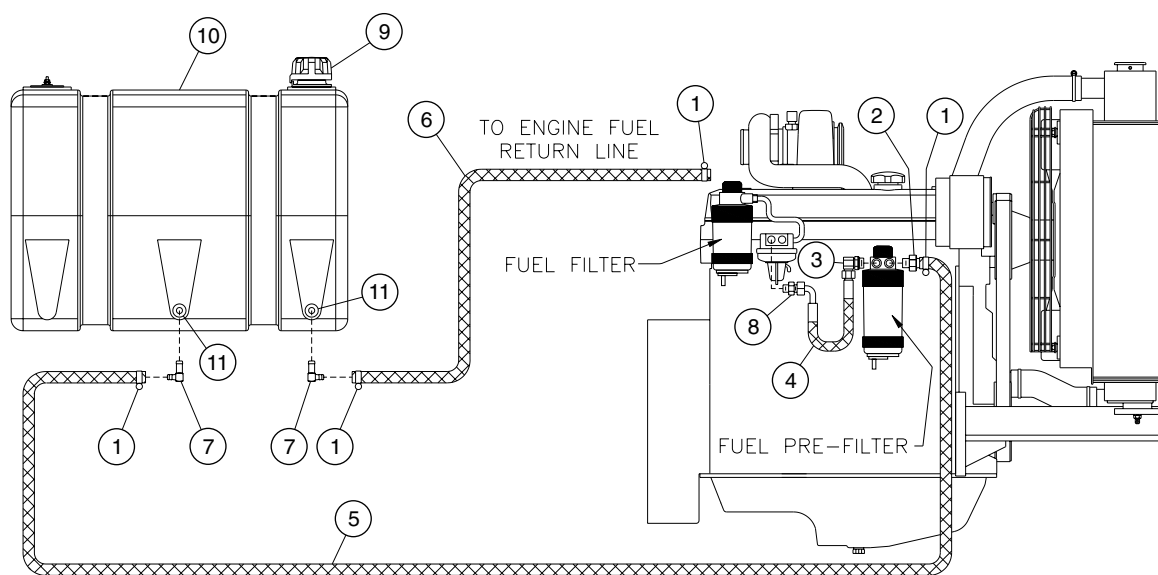
Figure	Rev	Description
619.1	A	Circuit, Oil Cooler (GTH-1056)



* ITEMS LOCATED ON FAR SIDE OF ENGINE

Item	Part No.	Description	Qty.
1	7-236-11	Oil Cooler	1
2	6-7006-58	Hose, 12 x 12 x 29 inches	1
3	6-7026-50	Hose, 12 x 12-90 x 25 inches	1
4	7-158-63	Hose Heater, $\frac{3}{4}$ I.D.	60 inches
5	7-158-63	Hose Heater, $\frac{3}{4}$ I.D.	60 inches
6	7-183-191	Fitting, Adapter	1
7	6-6423-18	Hose End, 12-08 Male Pipe	2
8	6-6252-04	Hose Clamp, #12	4
9	6-6450-20	Fitting, 12 OR x 12 JIC, Straight ...	1
10	6-6453-15	Fitting, 12 OR x 12 JIC, 90°	1
11	6-6459-01	Fitting, 18 mm x 08 NPT, Reducer	1
12	6-6406-13	Fitting, 20-12 NPT, Reducer	2
13	6-6400-19	Fitting, $\frac{3}{4}$ NPT x $\frac{3}{4}$ Hose Barb, 90°	2
14	6-6453-15	Fitting, 12 OR x 12 JIC, 90°	2
15	6-6437-04	Fitting, 08 NPT Straight Elbow, Black -Pipe	2
16	6-5206-06	Cap Screw, $\frac{3}{8}$ NC x 0.75 inch	4
17	6-6211-06	Lock Washer, $\frac{3}{8}$	4
18	6-6212-06	Flat Washer, $\frac{3}{8}$	4

Figure	Rev	Description
620.1	A	Circuit, Fuel (all models)

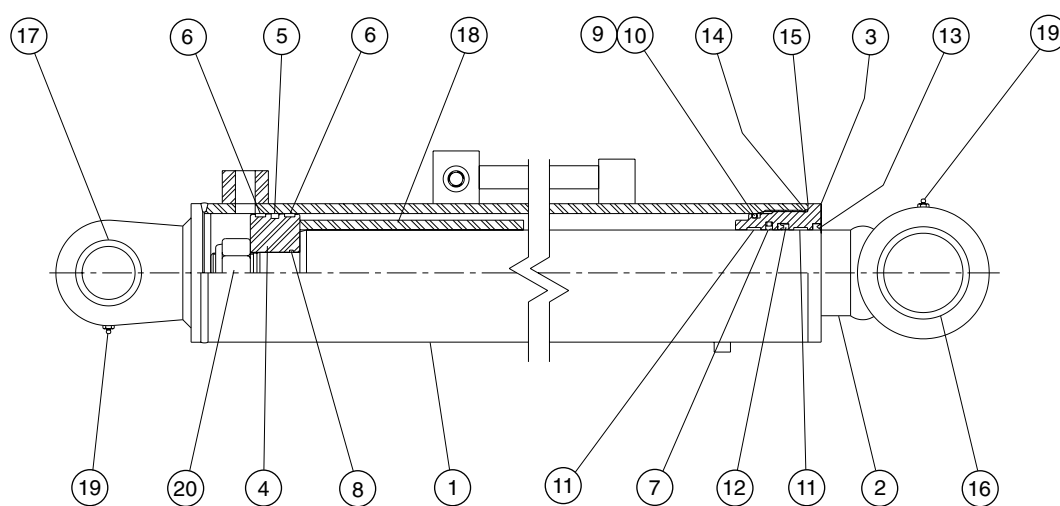


620.1

Circuit, Fuel (all models) Rev A

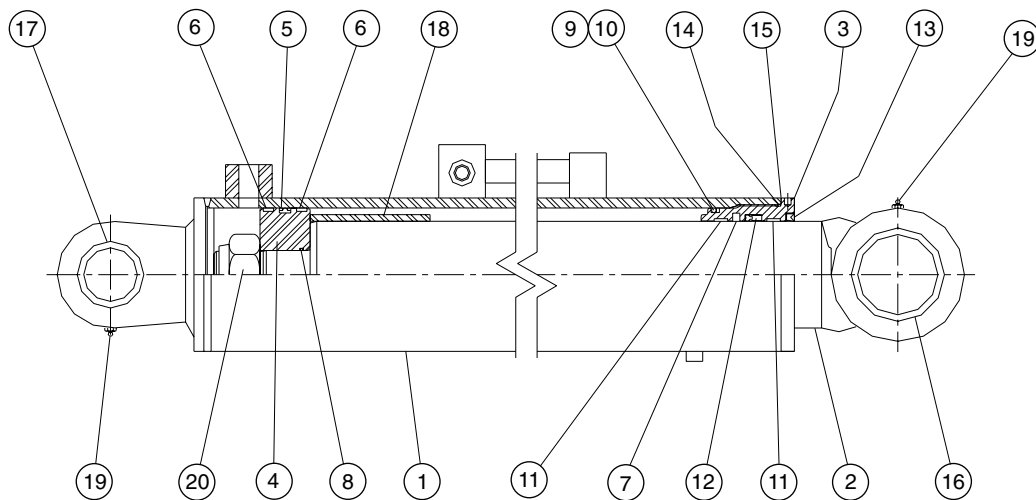
Item	Part No.	Description	Qty.
1	6-6252-20	Hose Clamp, #2	4
2	7-183-196	Fitting, Brass Hose End	1
3	7-183-197	Fitting, 90°, Fuel	1
4	7-183-198	Fuel Hose	1
5	7-158-47	Fuel Hose, $\frac{3}{8}$ I.D. (per inch)	92
6	7-158-47	Fuel Hose, $\frac{3}{8}$ I.D. (per inch) ...	86.5
7	7-121-02	Fitting, 90°, $\frac{3}{8}$ Hose	2
8	7-183-199	Fitting, Straight, Fuel	1
9	7-272-09	Filler Cap, Fuel	Ref.
10	7-373-01	Fuel Tank.....	Ref.
11	7-121-01	Rubber Bushing	2

Figure	Rev	Description
701.1	A	Lift Cylinder (GTH-1048)



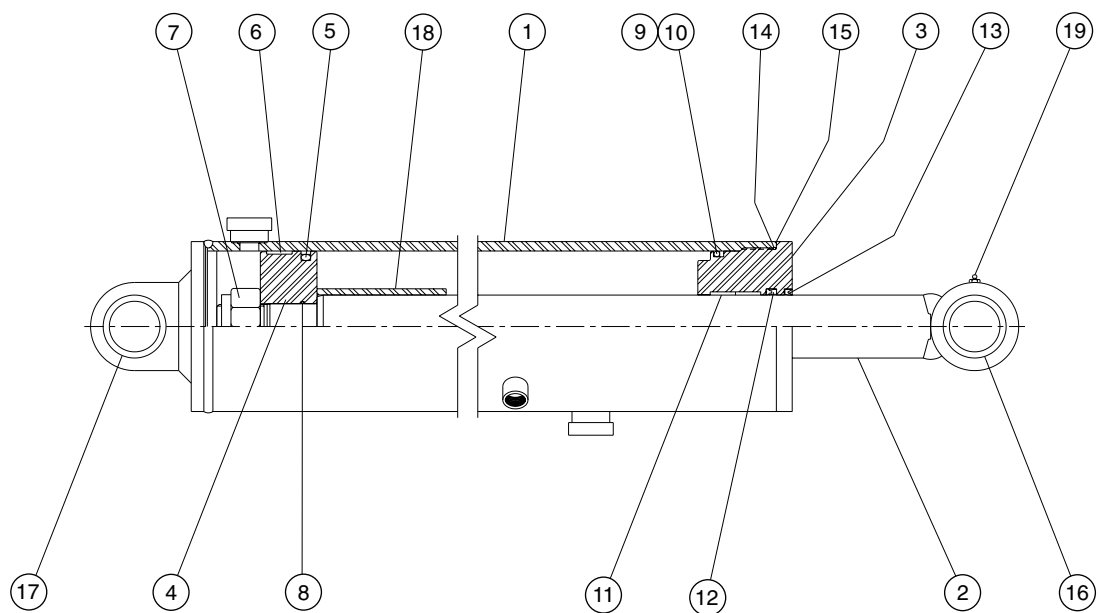
Item	Part No.	Description	Qty.
—	7-316-241	Lift Cylinder Assembly	Ref.
—	7-900-34	Seal Kit (includes items 5-14)	Ref.
1	7-316-309	Barrel Assembly	1
2	7-316-310	Rod Assembly	1
3	7-316-313	Head	1
4	7-316-311	Piston	1
5	7-316-54	Piston Seal	1
6	7-316-234	Piston Wear Ring	2
7	7-316-385	Buffer Seal	1
8	7-316-80	Stub Shaft O-ring	1
9	7-316-81	Head O-ring	1
10	7-316-82	Head Back-up Ring	1
11	7-316-384	Head Wear Ring	2
12	7-316-20	Shaft Seal	1
13	7-316-347	Shaft Wiper	1
14	7-316-245	O-ring	1
15	7-316-247	Self Tapping Screw	1
16	7-316-155	Bronze Bushing (ref. 6-4524-32)	1
17	7-316-156	Bronze Bushing (ref. 6-4516-24)	1
18	7-316-312	Stroke Limiter	1
19	7-316-150	Lube Fitting	2
20	7-316-205	Self Locking Nut	1

Figure	Rev	Description
701.2	A	Lift Cylinder (GTH-1056)



Item	Part No.	Description	Qty.
—	7-316-325	Lift Cylinder Assembly	Ref.
—	7-900-93	Seal Kit (includes items 5-14)	Ref.
1	7-316-352	Barrel Assembly	1
2	7-316-353	Rod Assembly	1
3	7-316-355	Head	1
4	7-316-354	Piston	1
5	7-316-217	Piston Seal	1
6	7-316-338	Piston Wear Ring	2
7	7-316-382	Buffer Seal	1
8	7-316-236	Stub Shaft O-ring	1
9	7-316-337	Head O-ring	1
10	7-316-340	Head Back-up Ring	1
11	7-316-393	Head Wear Ring	2
12	7-316-335	Shaft Seal	1
13	7-316-341	Shaft Wiper	1
14	7-316-336	O-ring	1
15	7-316-247	Self Tapping Screw	1
16	7-316-155	Bronze Bushing (ref. 6-4524-32)	1
17	7-316-156	Bronze Bushing (ref. 6-4516-24)	1
18	7-316-351	Stroke Limiter	1
19	7-316-150	Lube Fitting	2
20	7-316-205	Self Locking Nut	1

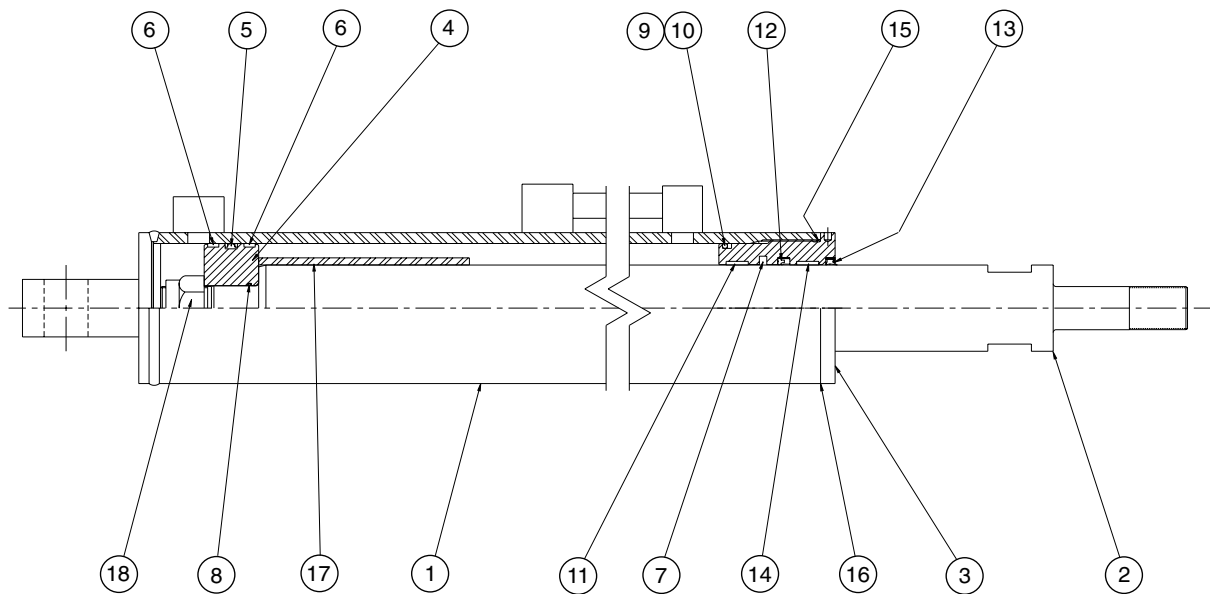
Figure	Rev	Description
702.1	A	Tilt Cylinder (all models)



702.1
Tilt Cylinder (all models) Rev A

Item	Part No.	Description	Qty.
—	7-316-242	Tilt Cylinder Assembly	Ref.
—	7-900-22	Seal Kit (includes items 5, 6 and 8-14)	Ref.
1	7-316-306	Barrel Assembly	1
2	7-316-307	Rod Assembly	1
3	7-316-293	Head	1
4	7-316-249	Piston	1
5	7-316-59	Piston Seal	1
6	7-316-68	Piston Wear Ring	1
7	7-316-246	Self Locking Nut	1
8	7-316-236	Stub Shaft O-ring	1
9	7-316-83	Head O-ring	1
10	7-316-84	Head Back-up Ring	1
11	7-316-49	Head Wear Ring	1
12	7-316-29	Shaft Seal	1
13	7-316-345	Shaft Wiper	1
14	7-316-294	O-ring	1
15	7-316-247	Self Tapping Screw	1
16	7-316-156	Bronze Bushing (ref 6-4516-24).....	1
17	7-316-156	Bronze Bushing (ref 6-4516-24).....	1
18	7-316-308	Spacer	1
19	7-316-150	Lube Fitting	1

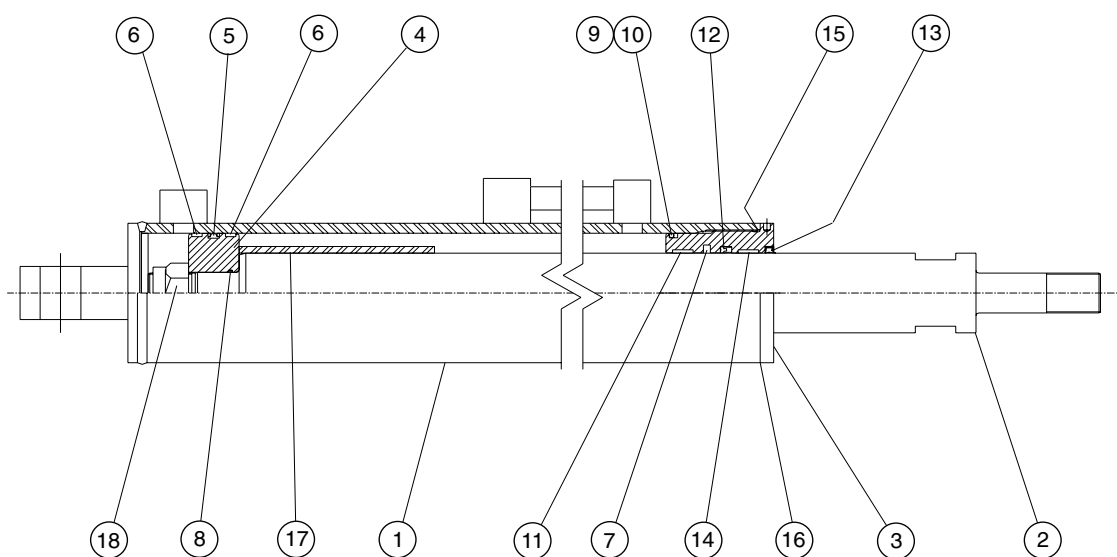
Figure	Rev	Description
703.1	A	Boom Cylinder (GTH-1048)



703.1
Boom Cylinder (GTH-1048) Rev A

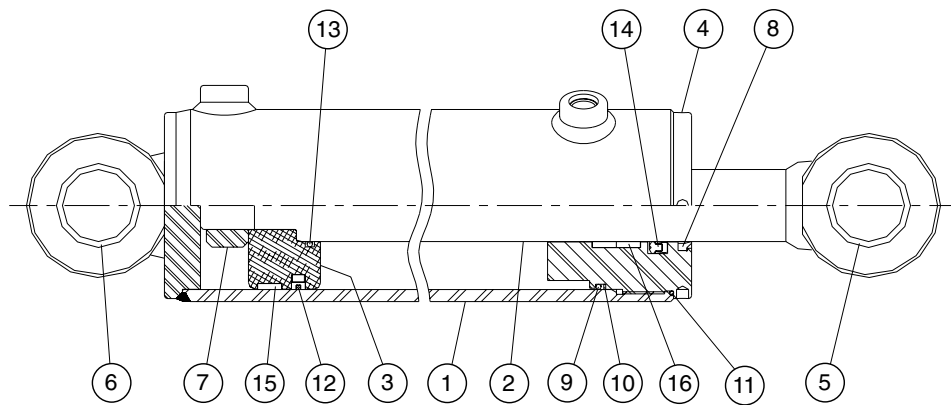
Item	Part No.	Description	Qty.
—	7-316-243	Boom Cylinder Assembly	Ref.
—	7-900-33	Seal Kit (includes items 5-15)	Ref.
1	7-316-315	Barrel Assembly	1
2	7-316-316	Rod	1
3	7-316-317	Head	1
4	7-316-311	Piston	1
5	7-316-54	Piston Seal	1
6	7-316-234	Piston Wear Ring	2
7	7-316-362	Buffer Seal	1
8	7-316-80	Stub Shaft O-ring	1
9	7-316-81	Head O-ring	1
10	7-316-82	Head Back-up Ring	1
11	7-316-50	Head Wear Ring	1
12	7-316-30	Shaft Seal	1
13	7-316-346	Shaft Wiper	1
14	7-316-214	Head Wear Ring	1
15	7-316-245	O-ring	1
16	7-316-247	Self Tapping Screw	1
17	7-316-318	Stroke Limiter	1
18	7-316-205	Self Locking Nut	1

Figure	Rev	Description
703.2	A	Boom Cylinder (GTH-1056)



Item	Part No.	Description	Qty.
—	7-316-326	Boom Cylinder Assembly	Ref.
—	7-900-33	Seal Kit (includes items 5-15)	Ref.
1	7-316-348	Barrel Assembly	1
2	7-316-349	Rod	1
3	7-316-317	Head	1
4	7-316-311	Piston	1
5	7-316-54	Piston Seal	1
6	7-316-234	Piston Wear Ring	2
7	7-316-362	Buffer Seal	1
8	7-316-80	Stub Shaft O-ring	1
9	7-316-81	Head O-ring	1
10	7-316-82	Head Back-up Ring	1
11	7-316-50	Head Wear Ring	1
12	7-316-30	Shaft Seal	1
13	7-316-346	Shaft Wiper	1
14	7-316-214	Head Wear Ring	1
15	7-316-245	O-ring	1
16	7-316-247	Self Tapping Screw	1
17	7-316-350	Stroke Limiter	1
18	7-316-205	Self Locking Nut	1

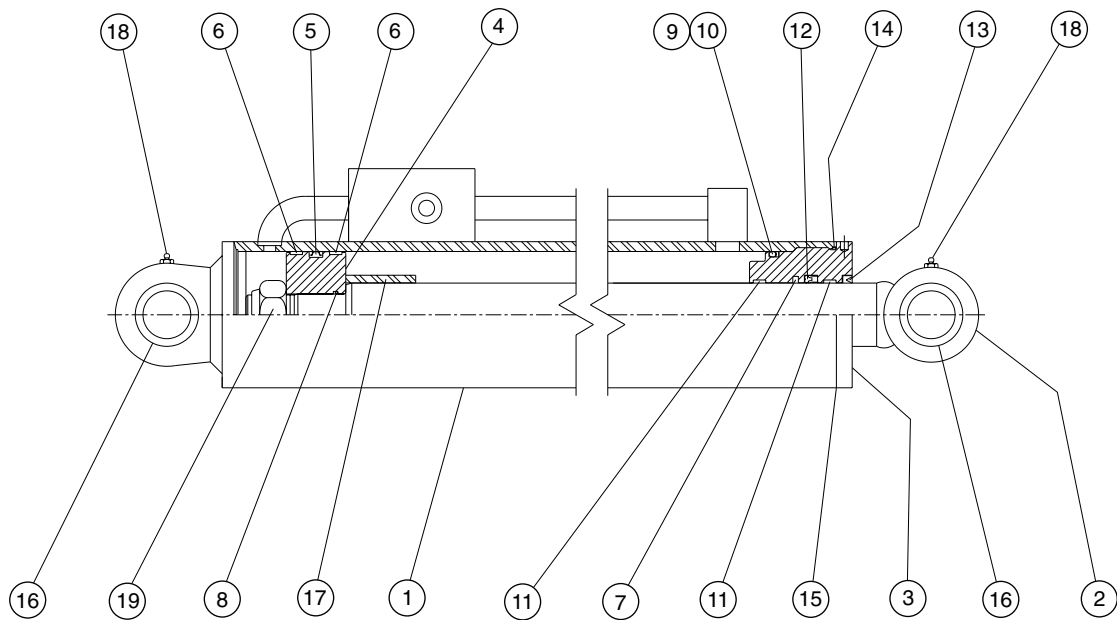
Figure	Rev	Description
704.1	A	Sway-Rear Lock Cylinder (all models)



704.1
Sway-Rear Lock Cylinder (all models) Rev A

Item	Part No.	Description	Qty.
—	7-182-34	Sway-Rear Lock Cylinder Assembly	Ref.
—	7-900-180	Seal Kit (includes items 8-16)	Ref.
1	7-182-35	Tube Assembly	1
2	7-182-36	Rod Assembly	1
3	7-182-08	Piston	1
4	7-182-09	Head	1
5	7-182-37	Rod End Bushing	1
6	7-182-38	Base End Bushing	2
7	7-182-13	Lock Nut	1
8	7-182-14	Rod Wiper	1
9	7-182-15	Head O-ring	1
10	7-182-16	Head Back-up Ring	1
11	7-182-17	Head O-ring	1
12	7-182-18	Piston Seal	1
13	7-182-19	Piston O-ring	1
14	7-182-20	Rod Seal	1
15	7-182-21	Piston Wear Ring	1
16	7-182-22	Head Wear Ring	2

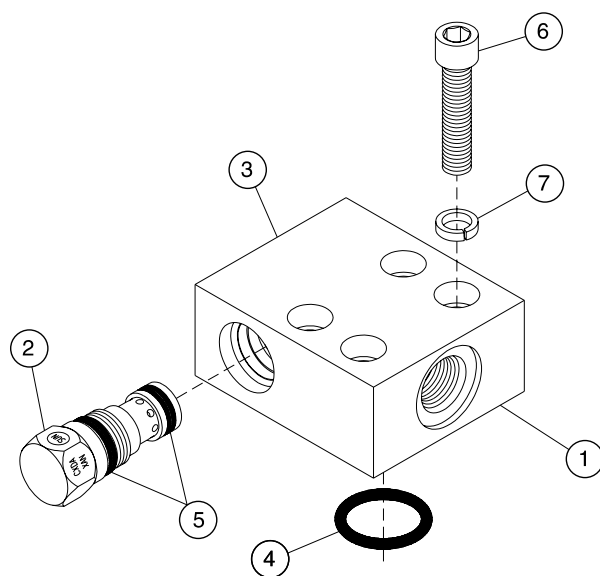
Figure	Rev	Description
705.1	A	Stabilizer Cylinder (all models)



705.1
Stabilizer Cylinder (all models) Rev A

Item	Part No.	Description	Qty.
—	7-316-394	Stabilizer Cylinder Assembly	Ref.
—	7-900-114	Seal Kit (includes items 5-14)	Ref.
1	7-316-399	Barrel Assembly	1
2	7-316-320	Rod Assembly	1
3	7-316-402	Head	1
4	7-316-400	Piston	1
5	7-316-53	Piston Seal	1
6	7-316-361	Piston Wear Ring	2
7	7-316-376	Buffer Seal	1
8	7-316-87	Piston O-ring	1
9	7-316-85	Head O-ring	1
10	7-316-86	Head Back-up Ring	1
11	7-316-398	Head Wear Ring	2
12	7-316-19	Rod Seal	1
13	7-316-375	Rod Wiper	1
14	7-316-323	O-ring	1
15	7-316-247	Self Tapping Screw	1
16	7-316-161	Bronze Bushing (Ref. 6-4512-24)	2
17	7-316-401	Stroke Limiter	1
18	7-316-150	Lube Fitting	2
19	7-316-74	Self Locking Nut	1

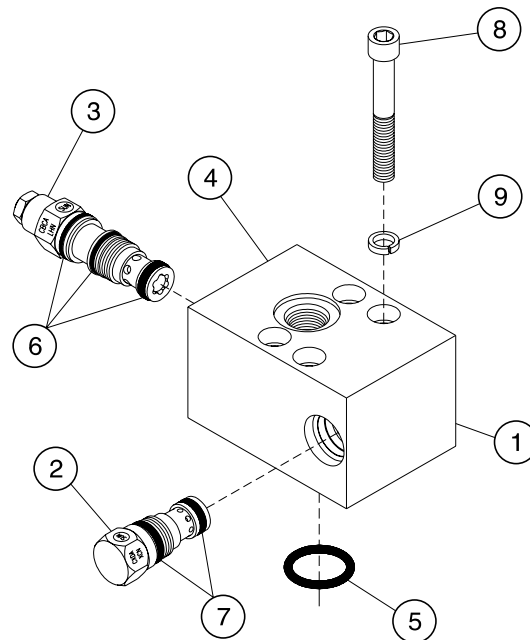
Figure	Rev	Description
706.1	A	Motion Valve, Base of Tilt Cylinder (all models)



Motion Valve, Base of Tilt Cylinder (all models) 706.1 Rev A

Item	Part No.	Description	Qty.
1	7-234-02	Motion Valve Assembly (includes items 2-4)	1
2	7-234-16	Check Cartridge	1
3	7-234-24	Body	1
4	7-234-32	O-ring	1
5	7-234-31	Seal Kit	1
6	6-5606-14	Cap Screw, SH, 3/8 NC x 1.75 inches.	4
7	6-6214-06	High-collar Lock Washer, 3/8	4

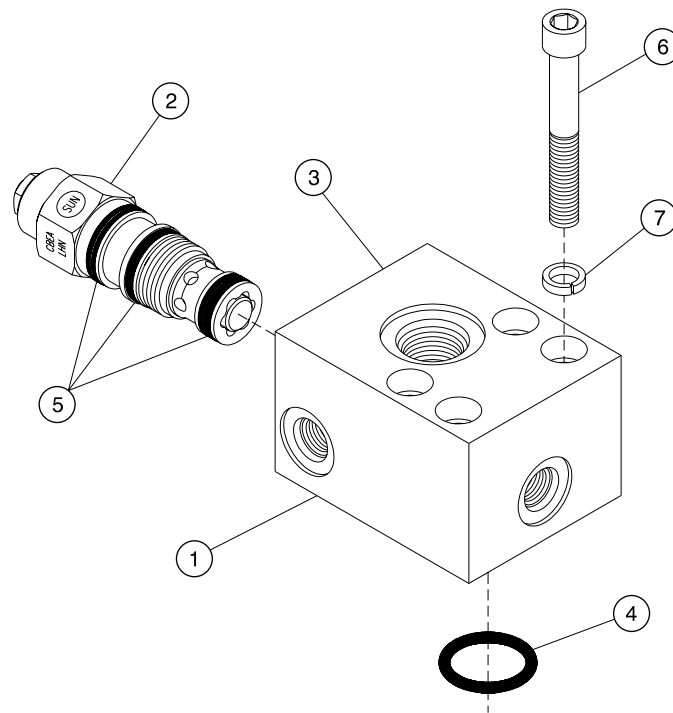
Figure	Rev	Description
707.1	A	Motion Valve, Head of Tilt Cylinder (all models)



Motion Valve, Head of Tilt Cylinder (all models) 707.1 Rev A

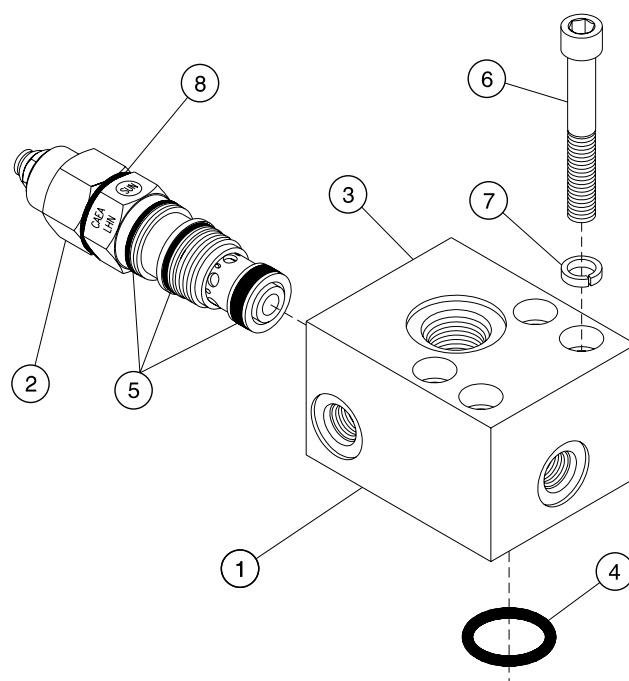
Item	Part No.	Description	Qty.
1	7-234-01	Motion Valve Assembly (includes items 2-5)	1
2	7-234-80	Check Cartridge	1
3	7-234-19	Counterbalance Cartridge	1
4	7-234-25	Body	1
5	7-234-32	O-ring	1
6	7-234-29	Seal Kit	1
7	7-234-31	Seal Kit	1
8	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	4
9	6-6214-06	High-collar Lock Washer, 3/8	4

Figure	Rev	Description
708.1	A	Motion Valve, Head/Base of Boom Cyl. (GTH-1048), Head of Boom Cyl. (GTH-1056)



Item	Part No.	Description	Qty.
1	7-234-03	Motion Valve Assembly (includes items 2-4)	1
2	7-234-22	Counterbalance Cartridge	1
3	7-234-23	Body	1
4	7-234-32	O-ring	1
5	7-234-30	Seal Kit	1
6	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	4
7	6-6214-06	High-collar Lock Washer, 3/8	4

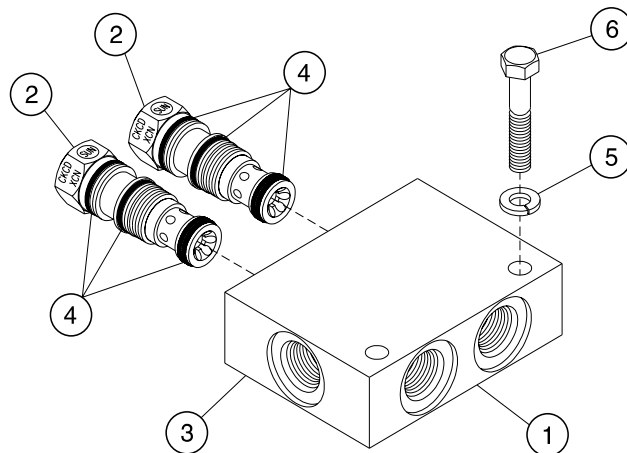
Figure	Rev	Description
709.1	A	Motion Valve, Base of Lift Cylinder (all models), Base of Boom Cylinder (GTH-1056)



Motion Valve, Base of Lift Cylinder (all models), Base of Boom Cylinder (GTH-1056) 709.1 Rev A

Item	Part No.	Description	Qty.
1	7-234-54	Motion Valve Assembly (includes items 2-4)	1
2	7-234-53	Counterbalance Cartridge	1
3	7-234-23	Body	1
4	7-234-32	O-ring	1
5	7-234-30	Seal Kit	1
6	6-5606-22	Cap Screw, SH, 3/8 NC x 2.75 inches	4
7	6-6214-06	High-collar Lock Washer, 3/8	4
8	7-234-60	O-ring	1

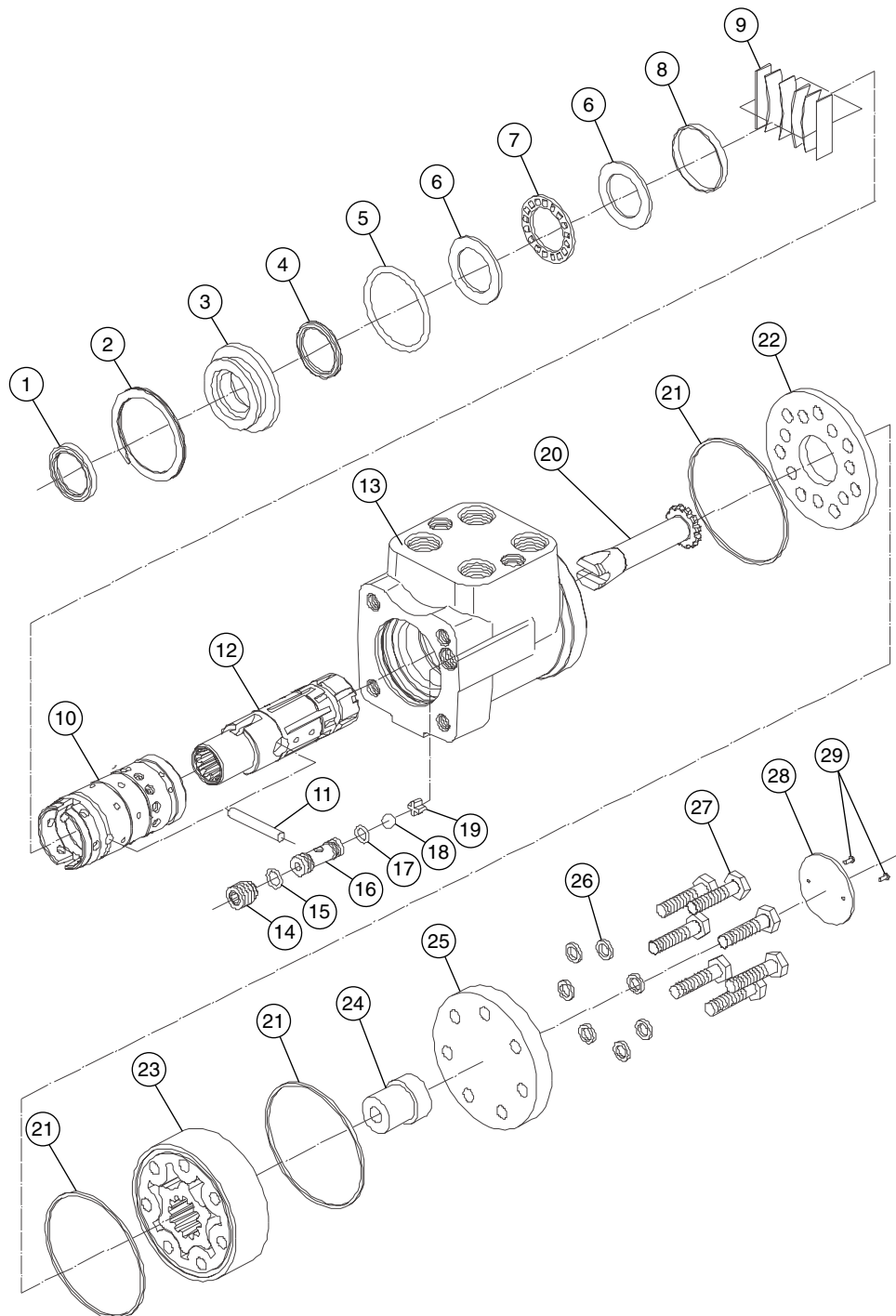
Figure	Rev	Description
710.1	A	Dual Pilot Check Valve (all models)



710.1
Dual Pilot Check Valve (all models) Rev A

Item	Part No.	Description	Qty.
1	7-234-04	Dual Pilot Check Valve Assembly (includes items 2 and 3)	1
2	7-234-18	Pilot Check Cartridge	2
3	7-234-21	Body	1
4	7-234-29	Seal Kit	2
5	6-6211-05	Lock Washer, ⁵ / ₁₆	2
6	6-5205-14	Cap Screw, ⁵ / ₁₆ NC x 1.75 inches	2

Figure 711.1
Rev A
Description Orbital Assembly (all models)

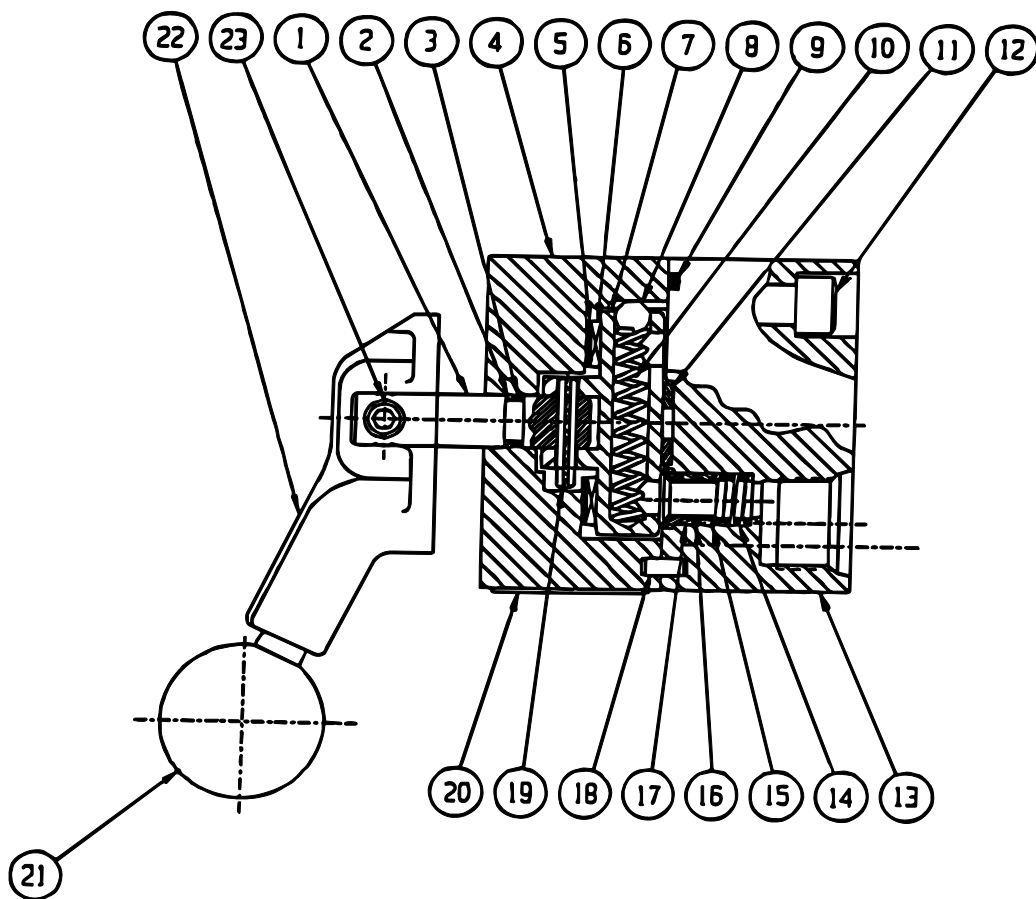


711.1
Orbital Assembly (all models) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
—	7-147-56	Seal Kit (includes items 1, 4, 5, 15, 17 and 21) Ref.		28	7-147-54	Name Plate	1
1	7-147-49	Dust Seal (included with item 30)	1	29	7-147-55	Rivet	1
2	7-147-16	Retaining Ring	1				
3	7-147-10	Front Cover	1				
4	7-147-15	X-ring (included with item 30)	1				
5	7-147-09	O-ring (included with item 30)	1				
6	7-147-17	Bearing Race 1	1				
—	7-147-19	Bearing Race 2	1				
7	7-147-18	Thrust Bearing	1				
8	7-147-32	Ring	1				
9	7-147-12	Flat Spring	2				
—	7-147-13	Spring	4				
10	7-147-50	Control Sleeve (sold with item 12)	1				
11	7-147-31	Pin	1				
12	7-147-51	Control Spool (sold with item 12)	1				
13	7-147-52	Housing	1				
14	7-147-33	Plug	1				
15	7-147-34	O-ring (included with item 30)	1				
16	7-147-35	Valve Seat	1				
17	7-147-36	O-ring (included with item 30)	1				
18	7-147-37	Ball	1				
19	7-147-38	Cross Support	1				
20	7-147-29	Drive	1				
21	7-147-53	Cant Seal (included with item 30)	3				
22	7-147-23	Distributor Plate	1				
23	7-147-28	Gear Wheel Set	1				
24	7-147-26	Spacer	1				
25	7-147-27	End Cover	1				
26	7-147-25	Washer	7				
27	7-147-24	Screw	7				



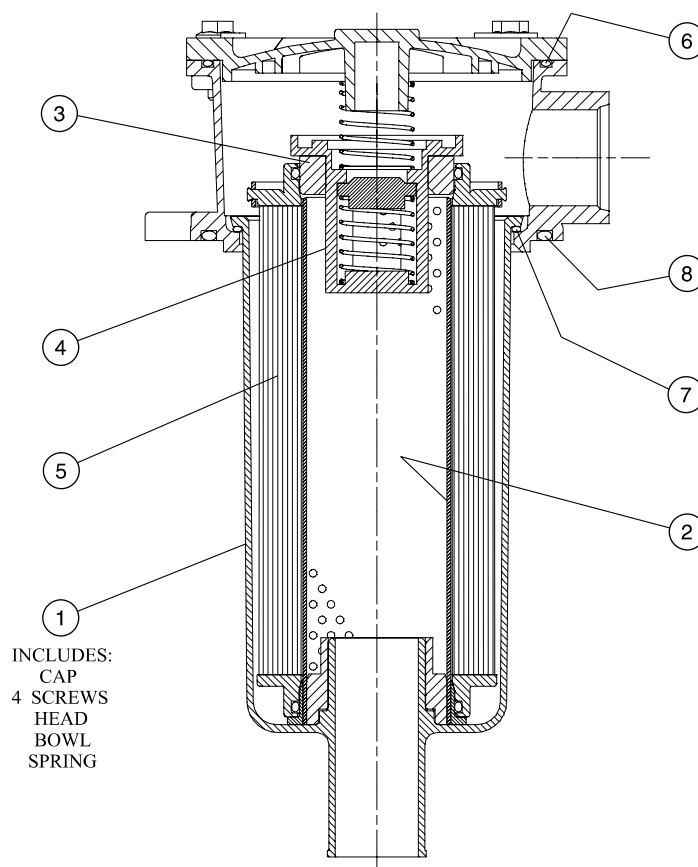
Figure	Rev	Description
712.1	A	Selector Valve, Steering (all models)



712.1
Selector Valve, Steering (all models) Rev A

Item	Part No.	Description	Qty.
1		Shaft	1
2	7-359-06	Back-up Shaft Ring	1
3	7-359-07	Shaft O-ring	1
4		Housing	1
5		Thrust Washer	1
6	7-359-08	Thrust Bearing	1
7	7-359-09	Rotor	1
8	7-359-10	Ball - Detent	1
9	7-359-11	Housing O-ring	1
10	7-359-12	Detent Spring	1
11		Spacer Washer	1
12		Body Screw	4
13		Body	1
14	7-359-13	Pressure Seal Spring	4
15	7-359-14	Pressure Seal	4
16	7-359-07	Pressure Seal O-ring	4
17	7-359-06	Pressure Seal Back-up Ring	8
18		Locating Pin	1
19		Rotor Roll Pin	1
20		Nameplate	1
21		Handle Knob	1
22	7-359-03	Handle, ⁵ / ₈ Long	1
23		Set Screw	2

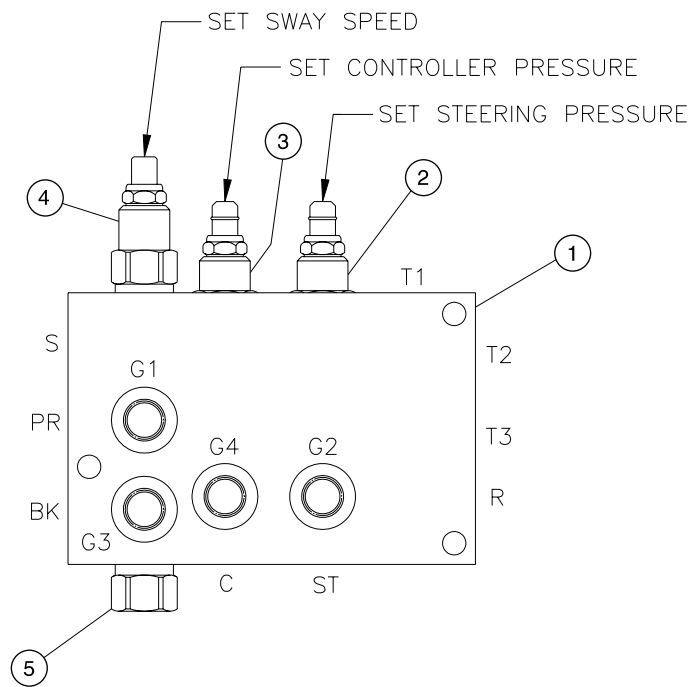
Figure	Rev	Description
713.1	A	Return Filter Assembly (all models)



713.1
Return Filter Assembly (all models) Rev A

Item	Part No.	Description	Qty.
1	7-118-04	Housing Sub-assembly	1
2	7-118-05	Core Assembly	1
3	7-118-06	Upper Nipple	1
4	7-118-07	Bypass Valve	1
5	7-118-02	Filter Element	1
6	7-118-03	O-ring	1
7	7-118-08	O-ring	1
8	7-118-09	O-ring	1

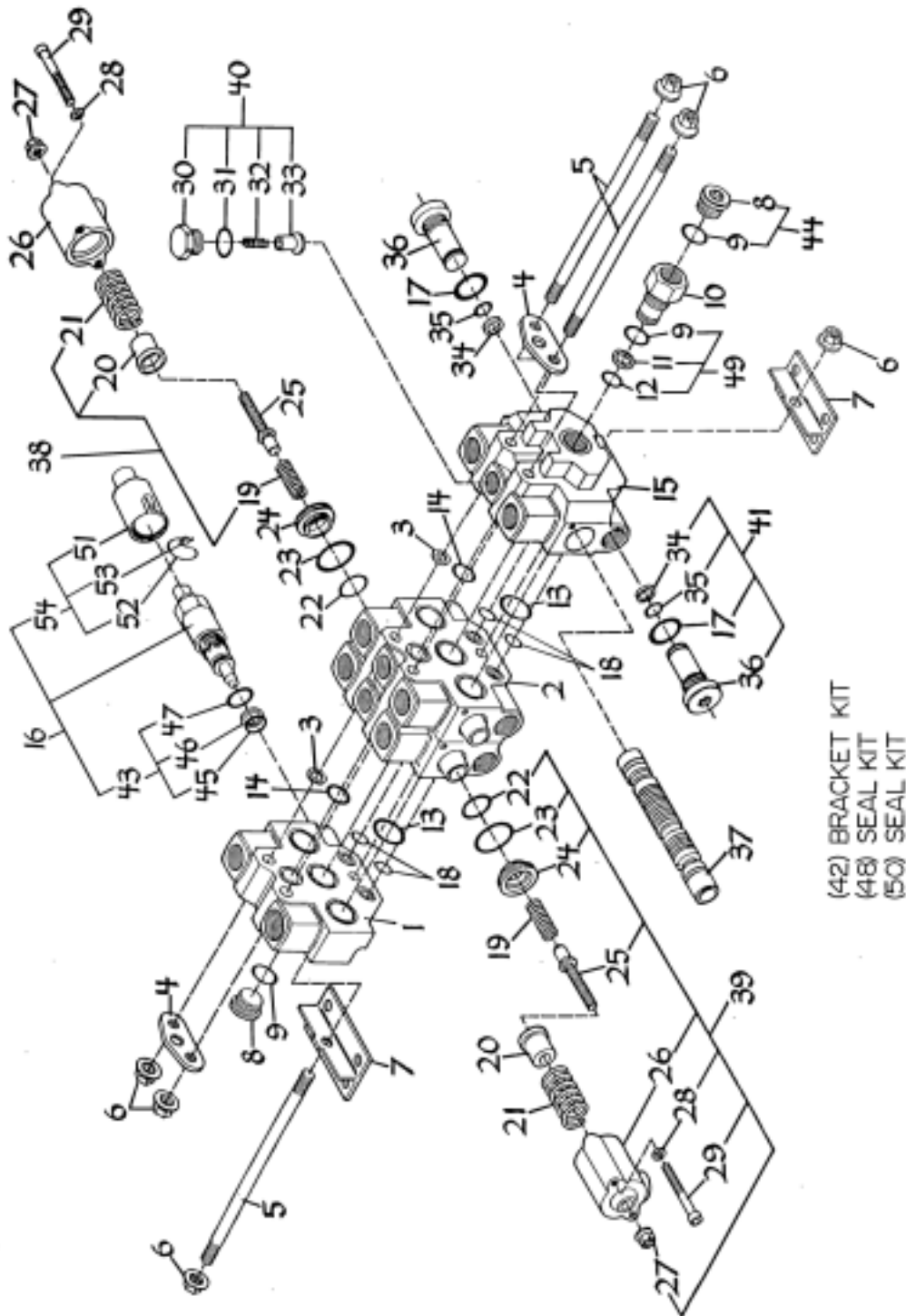
Figure	Rev	Description
714.1	A	Control Block Assembly (all models)



Control Block Assembly (all models) 714.1 Rev A

Item	Part No.	Description	Qty.
—	7-234-94	Control Block Assembly (includes items 1-5)	1
1	7-234-97	Body	1
2	7-234-28	Reducing- Relieving Cartridge	1
3	7-234-13	Reducing- Relieving Cartridge	1
4	7-234-37	Needle Cartridge	1
5	7-234-80	Check Cartridge.....	1

Figure	Rev	Description
715.1	A	Main Valve Assembly (all models)

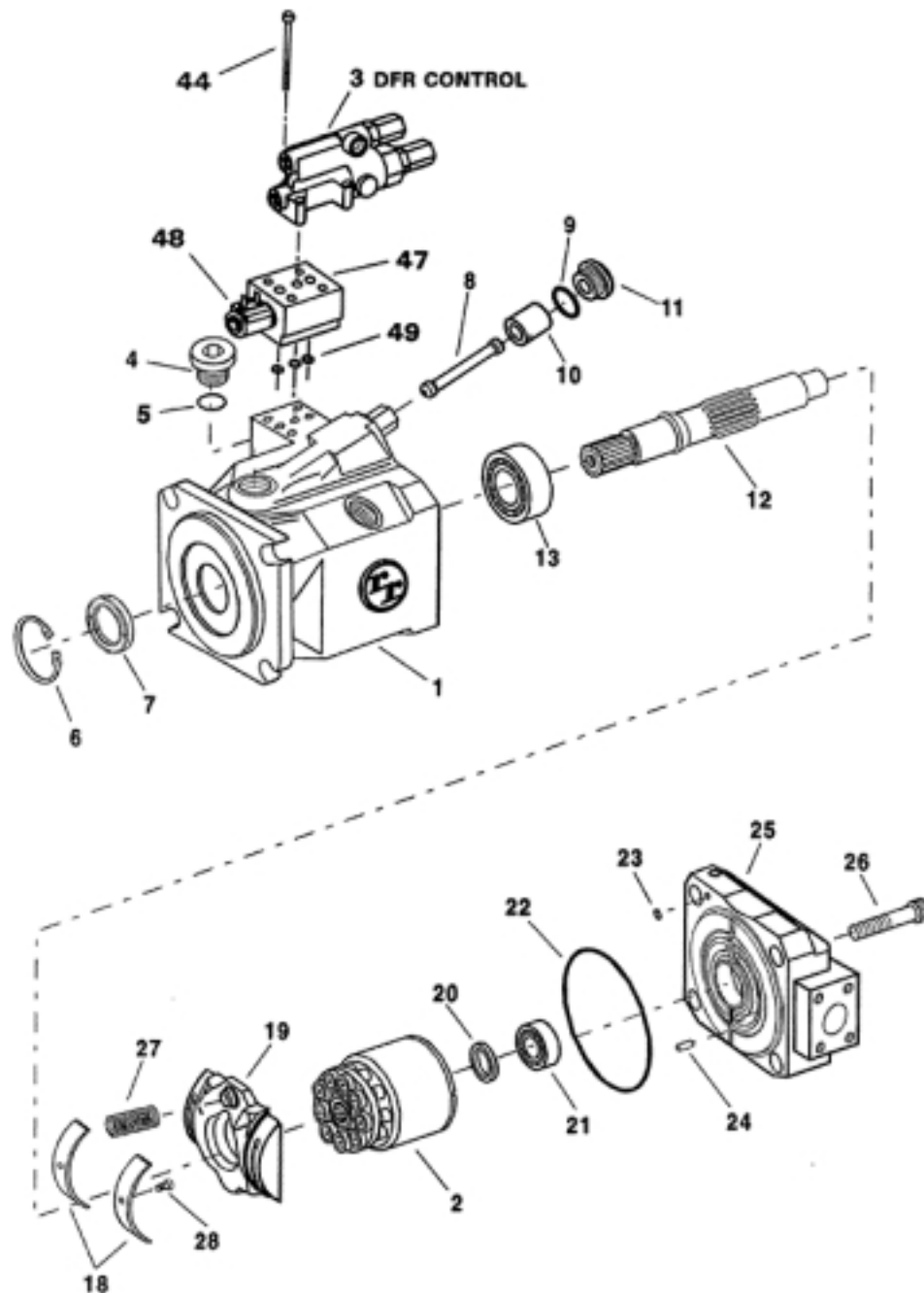


715.1
Main Valve Assembly (all models) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	7-200-117	Inlet Section with Spool	1	33	7-200-107	Poppet	3
2	7-200-118	Control Section with Spools (includes item 37)	1	34	7-200-68	Back-up Ring	6
3	7-200-50	Spacer	6	35	7-200-69	O-ring	6
4	7-200-91	Lifting Lug	2	36	7-200-70	Y-plug	6
5	7-200-44	Tie Rod	3	37		Spool (included with items 2 and 15)	3
6	7-200-45	Flange Nut	6	38	7-200-108	Spring Kit (items 19, 20 and 21)	Ref.
7	7-200-46	Bracket	2	39	7-200-109	Cap Assembly (items 22 thru 29)	Ref.
8	7-200-39	Plug	2	40	7-200-76	Check Valve Assembly (items 30 thru 33)	Ref.
9	7-200-92	O-ring	3	41	7-200-77	Y-plug Assembly (items 17, 34, 35 and 36)	Ref.
10	7-200-38	Adapter	1	42	7-200-110	Bracket Kit (items 4, 6 and 7)	Ref.
11	7-200-93	Back-up Ring	1	43	7-200-111	Seal Kit (items 45, 46 and 47)	Ref.
12	7-200-94	O-ring	1	44	7-200-78	Plug Kit (items 8 and 9)	Ref.
13	7-200-95	O-ring	6	45	7-200-112	O-ring	1
14	7-200-96	O-ring	2	46	7-200-113	Back-up Ring	1
15	7-200-119	Outlet Section with Spool (includes item 37)	1	47	7-200-52	O-ring	1
16	7-200-120	Main Relief Assembly	1	48	7-200-114	Seal Kit (items 22, 23 and 27)	Ref.
17	7-200-52	O-ring	6	49	7-200-115	Seal Kit (items 9, 11 and 12)	Ref.
18	7-200-97	O-ring	4	50	7-200-116	Seal Kit (items 3, 13, 14 and 18)	Ref.
19	7-200-98	Spring	6	51	7-200-121	Sealing Cap	1
20	7-200-99	Centering Spring Casing	6	52	7-200-122	Sealing Wire	1
21	7-200-100	Centering Spring	6	53	7-200-123	Sealing Lead	1
22	7-200-101	O-ring	6	54	7-200-124	Sealing Cap Kit (items 51, 52 and 53)	Ref.
23	7-200-102	O-ring	6				
24	7-200-103	Support Ring	6				
25	7-200-104	Adjusting Screw	6				
26	7-200-105	Cap	6				
27	7-200-61	Flange Nut	6				
28	7-200-62	Washer	12				
29	7-200-63	Screw	12				
30	7-200-64	Plug	3				
31	7-200-106	O-ring	3				
32	7-200-66	Spring	3				



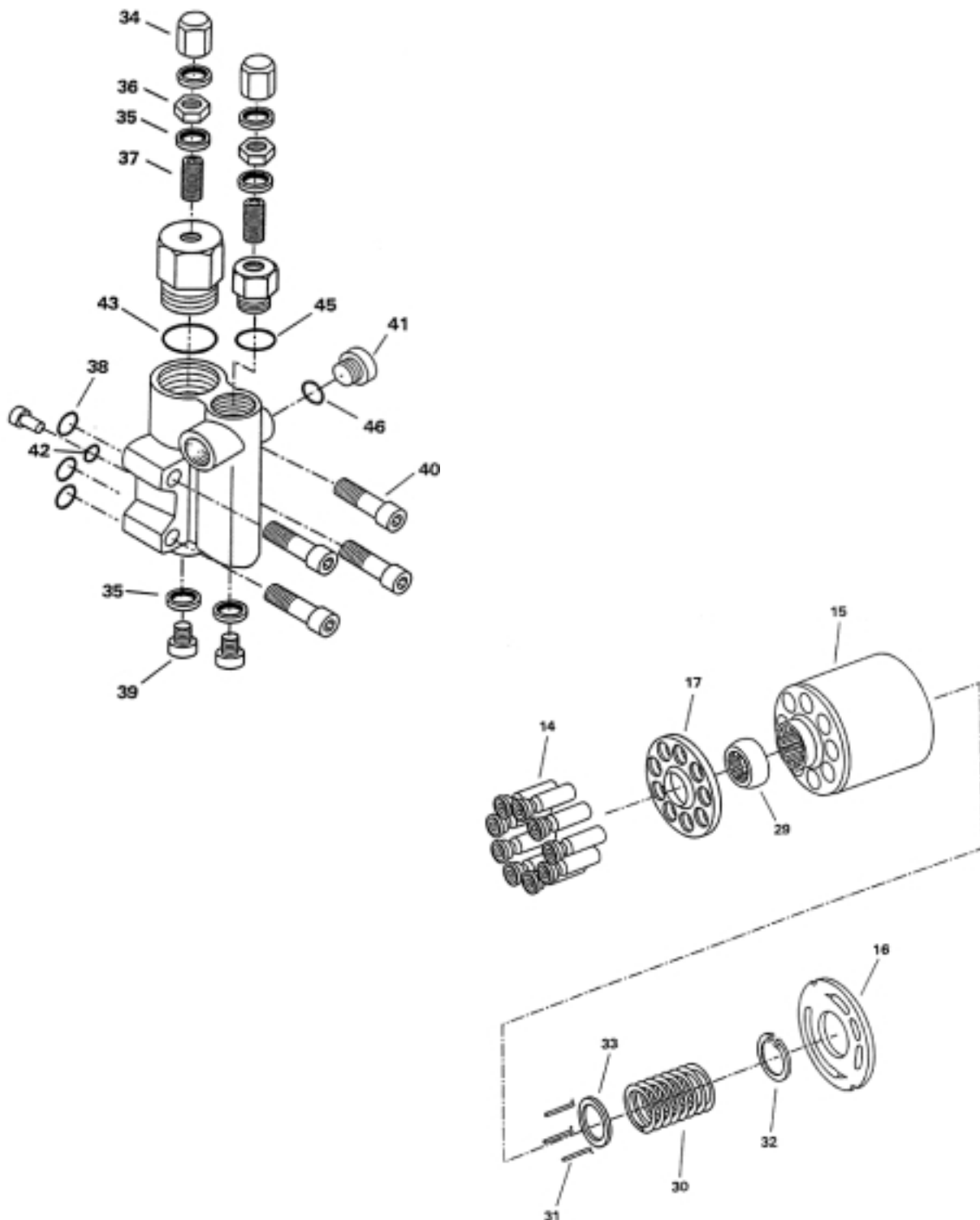
Figure	Rev	Description
716.1	A	Hydraulic Pump Assembly, View 1 (all models)



716.1
Hydraulic Pump Assembly, View 1 (all models) Rev A

Item	Part No.	Description	Qty.
—	7-345-48	Seal Kit (includes items 5, 7, 9, 22, 23, 35, 38, 42, 43, 45 and 46)	
1	7-345-159	Housing Assembly	1
2	7-345-160	Rotary Group CW	1
3	7-345-140	DFR Control	1
4	7-345-05	Plug	1
5	7-345-06	O-ring	1
6	7-345-08	Snap Ring	1
7	7-345-09	Shaft Seal	1
8	7-345-10	Rod	1
9	7-345-11	O-ring	1
10	7-345-12	Piston	1
11	7-345-161	Plug	1
12	7-345-162	Shaft	1
13	7-345-163	Tapered Roller Bearing	1
18	7-345-16	Swash Plate Bearing	2
19	7-345-164	Swash Plate	1
20	7-345-18	Preload Shim	1
21	7-345-19	Tapered Roller Bearing	1
22	7-345-20	O-ring	1
23	7-345-21	Quad Ring	2
24	7-345-22	Dowel Pin	1
25	7-345-23	Block Port Assembly	1
26	7-345-24	Cap Screw	4
27	7-345-25	Spring	1
28	7-345-26	Screw	2
44	7-345-53	Bolt	4
47	7-345-49	Block	1
48	7-345-50	Cartridge, 3-Way	1
—	7-345-51	Seal Kit	
49	7-345-52	O-ring	3

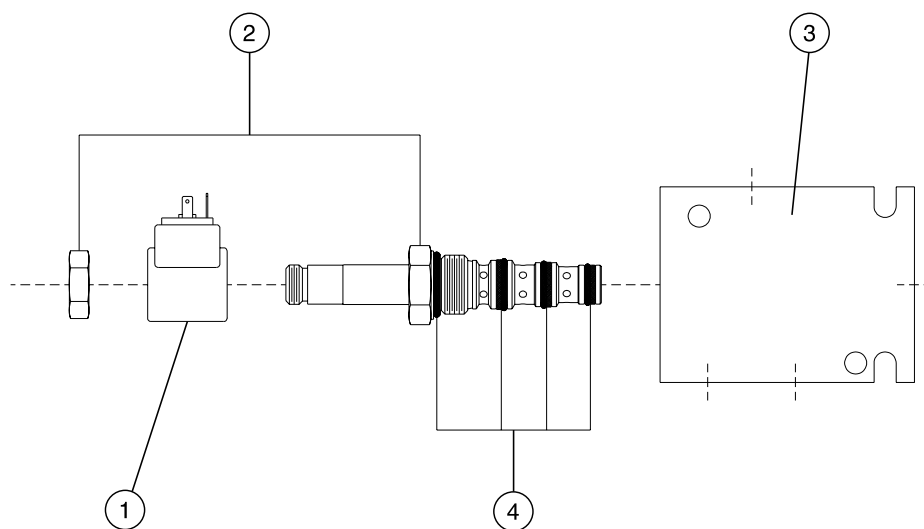
Figure 717.1
Rev A
Description Hydraulic Pump Assembly, View 2 (all models)



717.1
Hydraulic Pump Assembly, View 2 (all models) Rev A

Item	Part No.	Description	Qty.
—	7-345-48	Seal Kit (includes items 5, 7, 9, 22, 23, 35, 38, 42, 43, 45 and 46)	
14	7-345-27	Piston	9
15	7-345-28	Barrel	1
16	7-345-158	Lens Plate	1
17	7-345-30	Retaining Plate	1
29	7-345-31	Retaining Ball	1
30	7-345-32	Spring	1
31	7-345-157	Pressure Pin	3
32	7-345-34	Seeger V-ring	1
33	7-345-35	Disc-Retaining Clip	1
34	7-345-36	Acorn Nut	2
35	7-345-37	Usit Ring	6
36	7-345-38	Jam Nut	2
37	7-345-39	Adjusting Screw	2
38	7-345-40	O-ring	3
39	7-345-41	Plug	2
40	7-345-42	Cap Screw	4
41	7-345-43	Plug	1
42	7-345-45	O-ring	1
43	7-345-46	O-ring	1
45	7-345-47	O-ring	1
46	7-345-44	O-ring	1

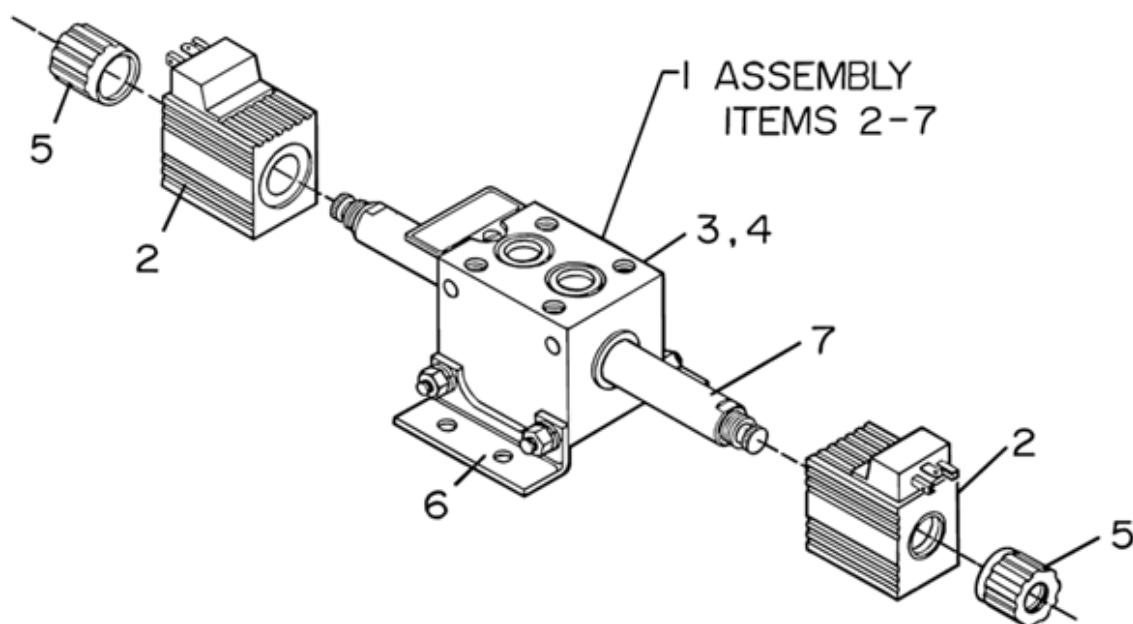
Figure	Rev	Description
718.1	A	Electric Valve, 4-Way (all models)



718.1
Electric Valve, 4-Way (all models) Rev A

Item	Part No.	Description	Qty.
1	7-367-05	Din Coil	1
2	7-367-10	Cartridge Assembly with Nut	1
3	7-367-11	Body	1
4	7-367-19	Seal Kit	1

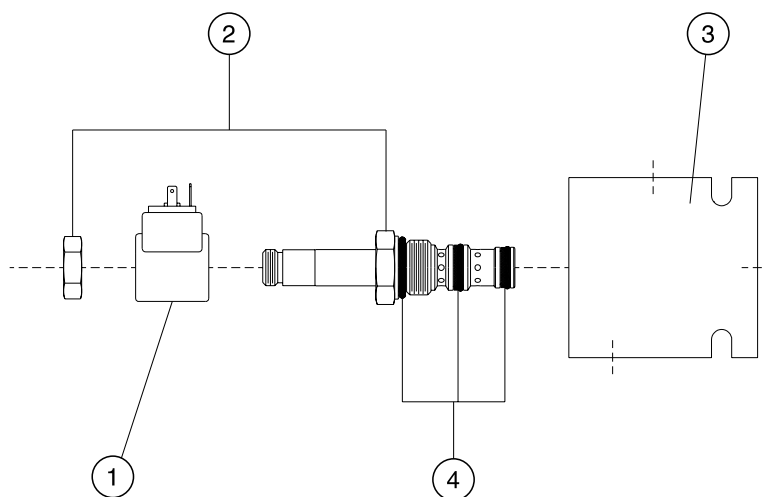
Figure	Rev	Description
719.1	A	Electric Valve, 4-Way (all models)



719.1
Electric Valve, 4-Way (all models) Rev A

Item	Part No.	Description	Qty.
1	7-244-31	Electric Valve Assembly, 4-way (includes items 2-7)	1
2	7-244-40	Din Coil	2
3	7-244-17	Spool	1
4	7-244-18	Valve Body	1
5	7-244-19	End Cap	2
6	7-244-44	Bracket Assembly	1
7	7-244-24	Actuating Spool Tubes and Pin	1

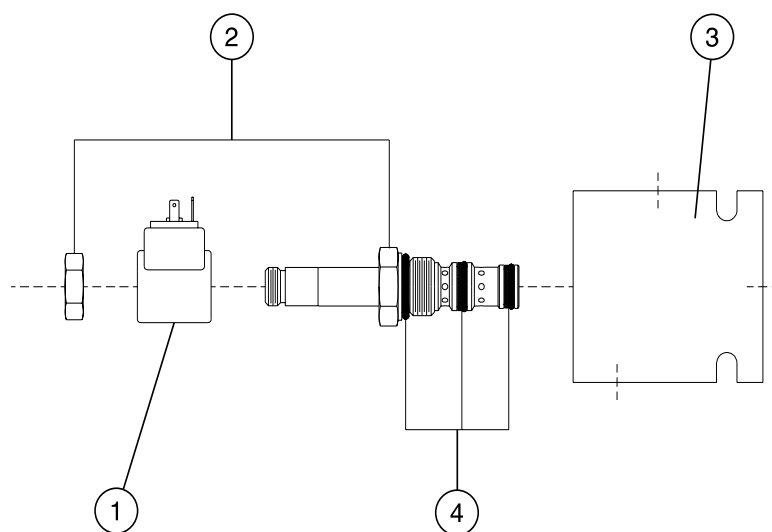
Figure	Rev	Description
720.1	A	Valve, Boom Activated Rear-Lock (all models)



720.1
Valve, Boom Activated Rear-Lock (all models) Rev A

Item	Part No.	Description	Qty.
1	7-367-05	Din Coil	1
2	7-367-14	Cartridge Assembly with Nut	1
3	7-367-04	Body	1
4	7-367-18	Seal Kit, Cartridge	Ref.

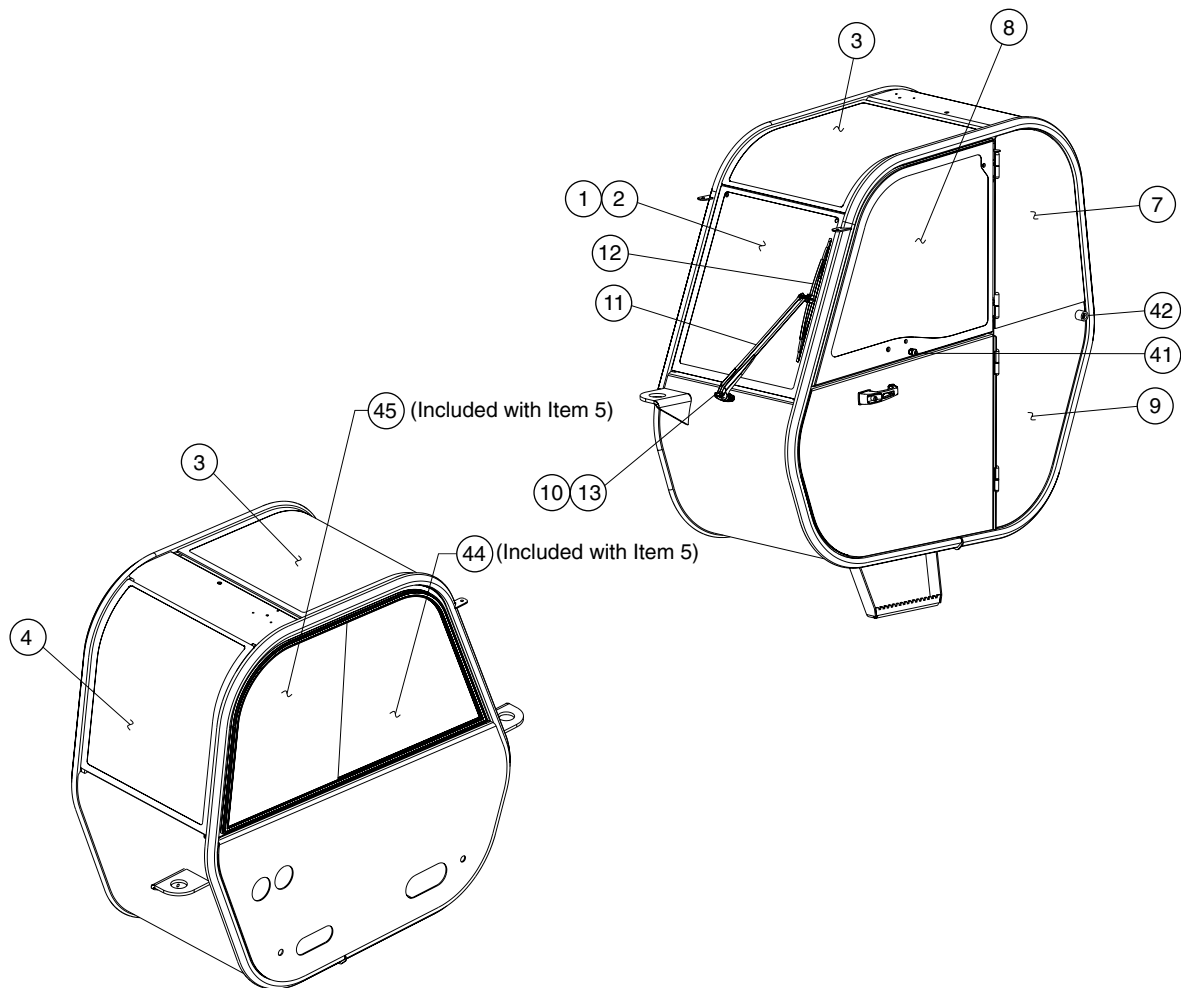
Figure	Rev	Description
721.1	A	Valve, Differential Lock (all models)



721.1
Valve, Differential Lock (all models) Rev A

Item	Part No.	Description	Qty.
1	7-367-05	Din Coil	1
2	7-367-03	Cartridge Assembly with Nut	1
3	7-367-04	Body	1
4	7-367-18	Seal Kit, Cartridge	Ref.

Figure	Rev	Description
801.1	A	Fully Enclosed Cab Assembly, View 1 (all models)

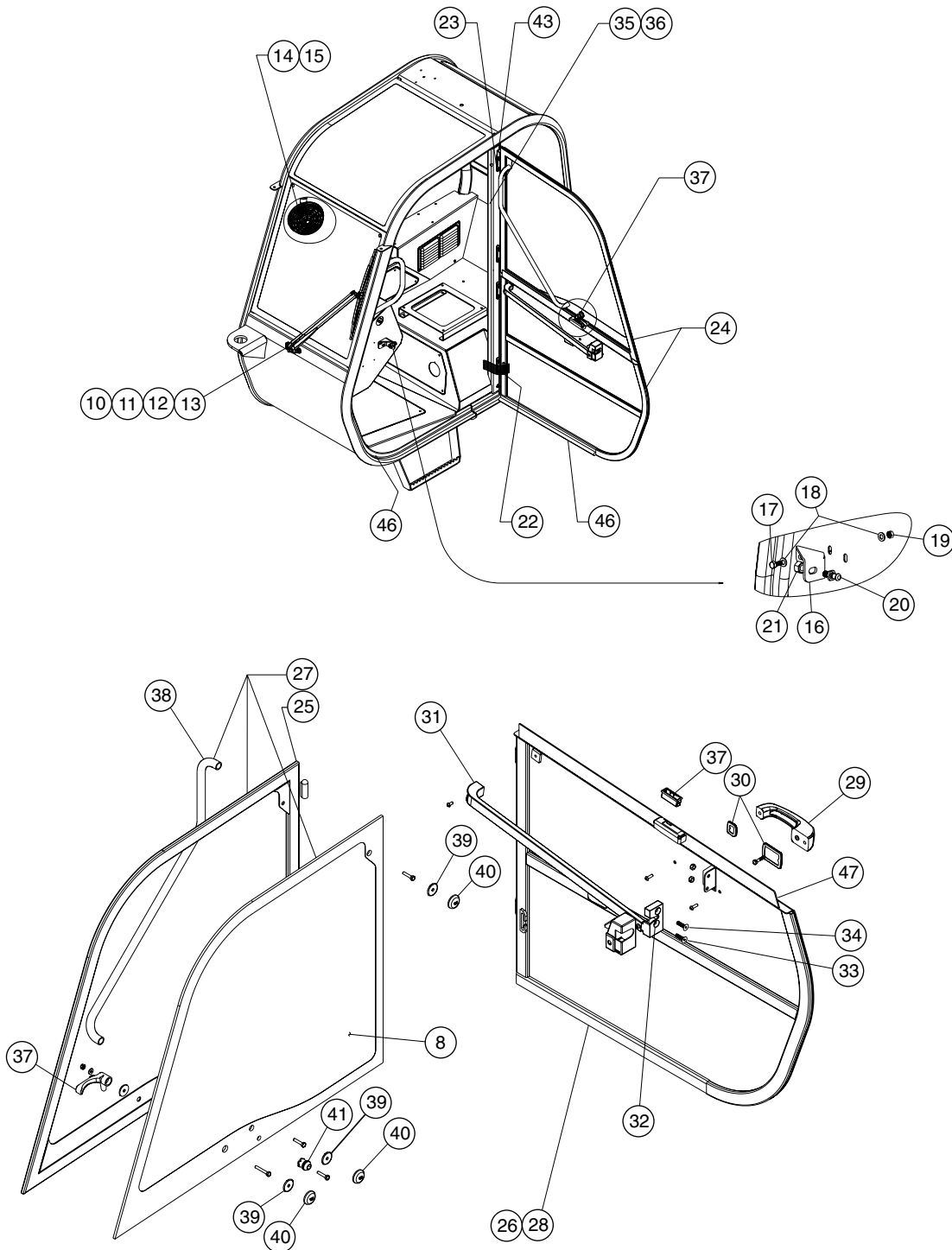


801.1
Fully Enclosed Cab Assembly, View 1 (all models) Rev A

Item	Part No.	Description	Qty.
1	7-132-102	Glass, Windshield, Tinted	1
2	7-132-30	Glass, Windshield, Clear	1
3	7-132-101	Glass, Skylight, Tinted	1
4	7-132-101	Glass, Rear Window, Tinted	1
5	7-132-33	Sliding Window Assembly, RH, Tinted (includes items 44 and 45)	1
6	7-132-23	Sliding Window Assembly, RH, Clear (optional)	1
7	7-132-117	Glass, LH Rear, Tinted	1
8	7-132-39	Glass, Upper Split Door, Tinted	1
9	7-132-121	Panel, LH Rear Lower	1
10	7-132-124	Wiper Motor	1
11	7-132-126	Pantograph Wiper Arm, 20 inches	1
12	7-132-125	Wiper Blade, 20 inches	1
13	7-132-127	Pantograph Adapter Kit	1
41	7-132-128	Door Holdback Stub	1
42	7-132-123	Door Holdback Socket	1
44	7-132-64	Glass, Front Slider (included with item 5)	1
45	7-132-65	Glass, Rear Fixed (included with item 5)	1



Figure	Rev	Description
802.1	A	Fully Enclosed Cab Assembly, View 2 (all models)

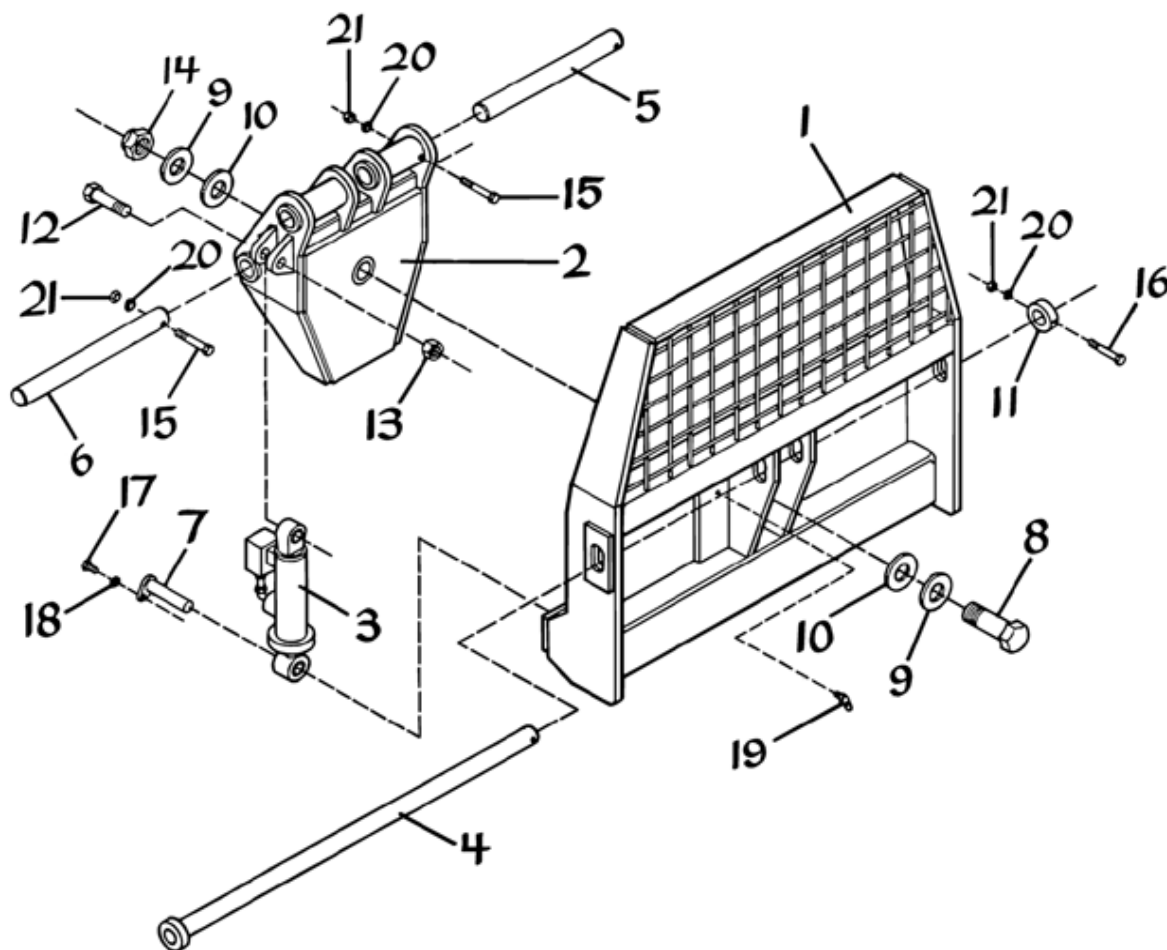


802.1
Fully Enclosed Cab Assembly, View 2 (all models) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
8	7-132-39	Glass, Upper Split Door, Tinted	1	39	7-132-84	Hard Plastic Washer	3
10	7-132-124	Wiper Motor	1	40	7-132-74	Plastic Snap Cap	3
11	7-132-126	Pantograph Wiper Arm, 20 inches	1	41	7-132-128	Door Holdback Stub	1
12	7-132-125	Wiper Blade, 20 inches	1	43	7-132-120	Door Hinge Retainer Tab	1
13	7-132-127	Pantograph Adapter Kit	1	46	7-132-46	Rubber Seal, Door Frame (193 inches required)	Ref.
14	7-347-02	Defroster Fan	1	47	7-132-139	Foam Seal (37.75 inches required)	Ref.
15	6-6284-05	Machine Screw, 10-24 x 0.75 inch	4	48	7-132-71	Front Screen Assembly (not shown)	Ref.
16	7-132-133	Striker Bracket	1	49	7-132-70	Side Screen Assembly, RH (not shown)	Ref.
17	6-5205-08	Cap Screw, ⁵ / ₁₆ NC x 1 inch	2				
18	6-6212-05	Flat Washer, ⁵ / ₁₆	4				
19	6-6205-05	Self Locking Nut, ⁵ / ₁₆ NC	2				
20	7-132-41	Door Striker	1				
21	7-132-57	Nut, Door Striker	1				
22	7-132-134	Door Strap, 5.50 inches	1				
23	7-132-129	Door Hinge Assembly	4				
24	7-132-118	Finished Cab Door Assembly, Upper and Lower	1				
25	7-132-130	Cab Door Weldment, Upper	1				
26	7-132-131	Cab Door Weldment, Lower	1				
27	7-132-104	Complete Upper Door Assembly	Ref.				
28	7-132-135	Complete Lower Door Assembly	Ref.				
29	7-132-136	Door Latch, Exterior	1				
30	7-132-138	Door Latch Gaskets, Exterior	1				
31	7-132-50	Inside Grab Handle	1				
32	7-132-52	Pivot Assembly	1				
33	7-132-58	Bolt, M8 x 1.25 x 55 mm	1				
34	7-132-59	Bolt, M8 x 1.25 x 40 mm	1				
35	7-132-119	Door Post, Bolt -on	1				
36	7-132-63	Spacer, Door Post	4				
37	7-132-137	Upper Door Latch Kit	1				
38	7-132-132	Upper Door Handle	1				



Figure **Rev** **Description**
 803.1 A Fork Frame Rotate Assembly (all models)



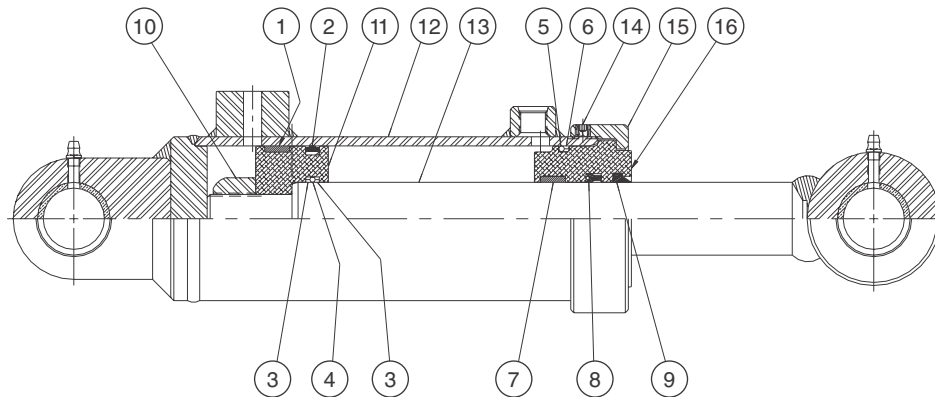
TABLE

FORK FRAME WIDTH	ROTATING FORK FRAME PART NUMBER	FORK TINE PIN PART NUMBER
48" WIDE	4-1500	2-1125-10
60" WIDE	4-1501	2-1125-11
72" WIDE	4-1502	2-1125-12

803.1
Fork Frame Rotate Assembly (all models) Rev A

Item	Part No.	Description	Qty.
1	See Table	Rotating Fork Frame	Ref.
2	4-1498	Pivot Frame	1
3	7-379-01	Cylinder, Rotate	1
4	See Table	Pin, Fork Tine	Ref.
5	6-3016-01	Pin, Head End Tilt Cylinder	1
6	6-3316-168	Pin, Pivot Small Boom	Ref.
7	2-1066	Pin, Head End Rotate Cylinder	1
8	1-1072	Bolt, Fork Frame Rotate	1
9	1-1073	Steel Washer	2
10	6-6600-06	Bronze Washer	2
11	1-1113	Fork Pin Collar	Ref.
12	1-1071	Bolt, Base End Rotate Cylinder	1
13	6-6206-20	Nut, Base End Rotate Cylinder	1
14	7-280-02	Nut, Fork Frame Rotate	1
15	6-5208-30	Cap Screw, 1/2 NC x 3.75 inches	Ref.
16	6-5208-36	Cap Screw, 1/2 NC x 4.5 inches	Ref.
17	6-5206-08	Cap Screw, 3/8 NC x 1 inch	1
18	6-6211-06	Lock Washer, 3/8	1
19	6-6301	Lube Fitting, 1/8 NPT Straight	3
20	6-6211-08	Lock Washer, 1/2	Ref.
21	6-6201-08	Hex Nut, 1/2 NC	Ref.
22	4-1118-16	Rotate Stop (not shown)	1

Figure	Rev	Description
804.1	A	Rotate Cylinder Assembly (all models)

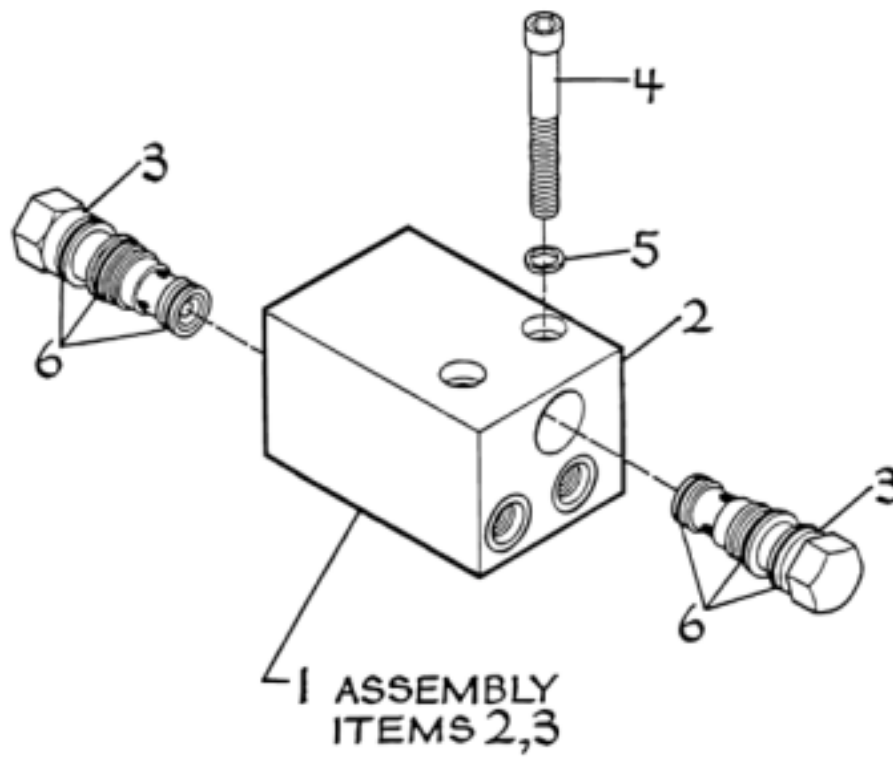


804.1
Rotate Cylinder Assembly (all models) Rev A

Item	Part No.	Description	Qty.
—	7-379-01	Rotate Cylinder Assembly	Ref.
—	7-900-86	Seal Kit (items 1-9)	Ref.
1	7-379-36	Wear Ring	1
2	7-379-37	PSP Seal	1
3	7-379-22	Back-up Ring	2
4	7-379-23	O-ring	1
5	7-379-38	O-ring	1
6	7-379-39	Back-up Ring	1
7	7-379-26	Wear Ring	1
8	7-379-45	Loaded U-cup	1
9	7-379-28	Rod Wiper	1
10	7-379-29	Lock Nut	1
11	7-379-40	Piston	1
12	7-379-41	Barrel Assembly	1
13	7-379-42	Rod Assembly	1
14	7-379-33	Cup PT Set Screw	1
15	7-379-43	Thread Cap	1
16	7-379-44	Thread Cap Head	1



Figure	Rev	Description
805.1	A	Dual Pilot Check Valve (all models)

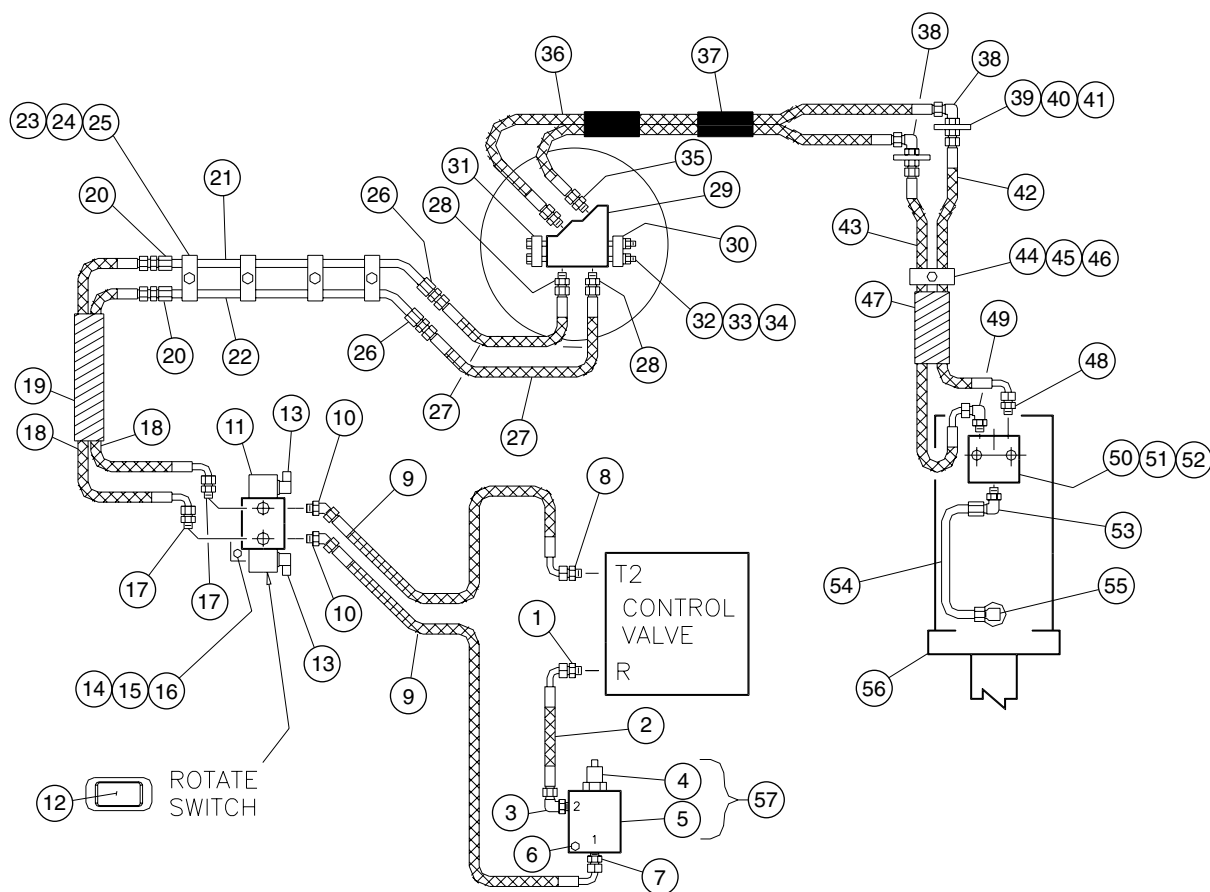


805.1
Dual Pilot Check Valve (all models) Rev A

Item	Part No.	Description	Qty.
1	7-234-35	Dual Pilot Check Valve Assembly	1
2	7-234-46	Body	1
3	7-234-18	Cartridge, Pilot Check	2
4	6-5605-20	Cap Screw, SH, 5/16 NC x 2.5 inches	2
5	6-6214-05	High-Collar Lock Washer, 5/16 inch	2
6	7-234-29	Seal Kit	2



Figure	Rev	Description
806.1	A	Circuit, Fork Rotate (GTH-1048)

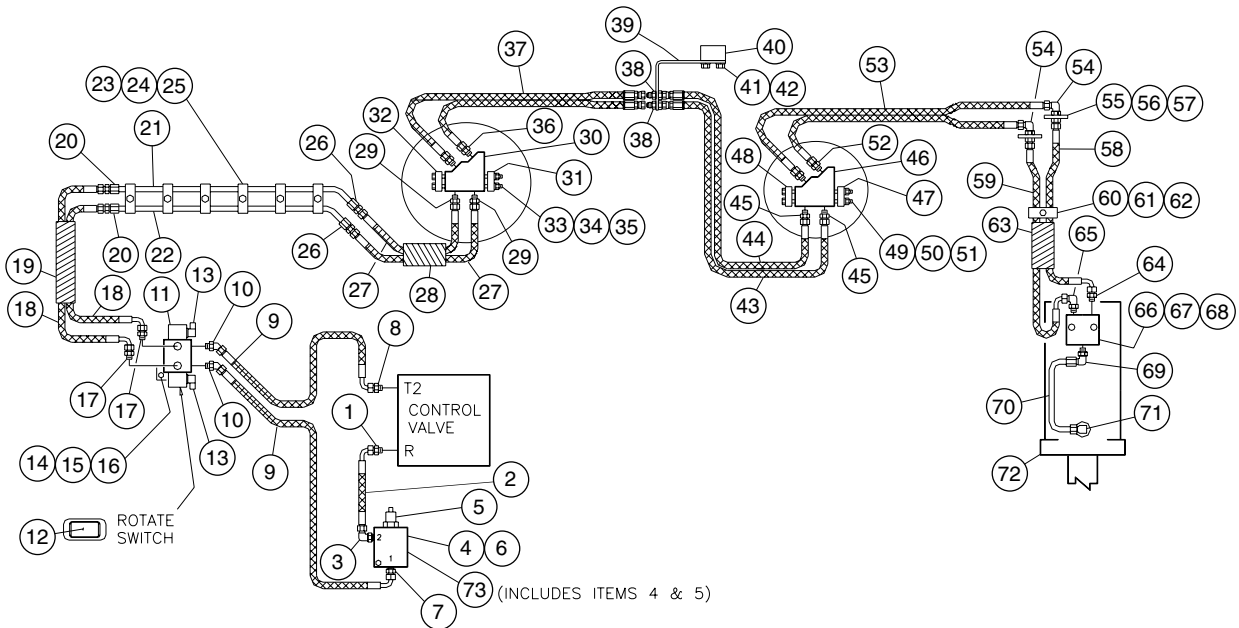


806.1
Circuit, Fork Rotate (GTH-1048) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6450-08	Fitting, 06 OR x 06 JIC, Straight (R)	1	30	1-2020	Mount, Hose Reel, Weld-on	Ref.
2	6-7023-40	Hose, 06 x 06-90 x 20 inches	1	31	1-2020	Mount, Hose Reel, Weld-on	Ref.
3	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	1	32	6-5208-36	Cap Screw, 1/2 NC x 4.5 inches ...	2
4	7-234-84	Body, Needle Valve	Ref.	33	6-6211-08	Lock Washer, 1/2 inch	2
5	7-234-17	Cartridge, Needle Valve	Ref.	34	6-6201-08	Hex Nut, 1/2 NC	2
6	6-5205-30	Cap Screw, 5/16 NC x 3.75 inches	1	35	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	2
7	6-6450-09	Fitting, 08 OR x 06 JIC, Straight ...	1	36	6-7002-648	Hose, 04 x 04 x 324 inches	2
8	6-6450-08	Fitting, 06 OR x 06 JIC, Straight (T2)	1	37	7-269-96	Shrink Tubing, 1 inch ID x 5 inches (12 pieces)	60 inches
9	6-7023-40	Hose, 06 x 06-90 x 20 inches	2	38	6-6477-03	Fitting, 04 JIC, BH-Union, 90°	2
10	6-6452-03	Fitting, 06 OR x 06 JIC, 45°	2	39	2-1138	Bulkhead Mounting Plate	1
11	7-244-31	4-Way Electric Valve	1	40	6-5206-20	Cap Screw, 3/8 NC x 2.5 inches ...	2
12	7-164-04	Switch, Auxiliary	1	41	6-6211-06	Lock Washer, 3/8 inch	Ref.
13	7-244-27	Din Connector	2	42	6-7022-144	Hose, 04 x 04-90 x 72 inches	1
14	6-5204-12	Cap Screw, 1/4 NC x 1.5 inches ...	2	43	6-7022-152	Hose, 04 x 04-90 x 76 inches	1
15	6-6211-04	Lock Washer, 1/4 inch	2	44	7-273-37	Clamp Half Set, 1/4 Twin Hose	1
16	6-6201-04	Hex Nut, 1/4 NC	2	45	7-273-23	Top Plate, 1/4 Twin Hose Clamp ...	1
17	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2	46	6-5205-14	Cap Screw, 5/16 NC x 1.75 inches	1
18	6-7043-184	Hose, 08 x 06-90 x 92 inches	2	47	7-299-08	Hose Armor, 1 inch ID	34 inches
19	7-299-08	Hose Armor, 1.00 ID	53 inches	48	6-6450-05	Fitting, 06 OR x 04 JIC, Straight ...	1
20	6-6490-03	Fitting, 08 JIC x 08 Tube, Straight	2	49	6-6453-04	Fitting, 06 OR x 04 JIC, 90°	1
21	3-1064-3	Formed Tube, 1/2 inch OD	1	50	7-234-35	Dual Check Valve	1
22	3-1064-4	Formed Tube, 1/2 inch OD	1	51	6-5605-20	Cap Screw, SH, 5/16 NC x 2.5 inches	2
23	7-273-21	Clamp Half Set, 1/2 Twin Tube	4	52	6-6214-05	Lock Washer, 5/16 High Collar	2
24	7-273-23	Top Plate, 1/2 Twin Tube Clamp ...	4	53	6-6493-02	Fitting, 06 OR x 06 Tube, 90°	1
25	6-5205-10	Cap Screw, 5/16 NC x 1.25 inches	4	54	1-1065	Formed Tubing, 3/8 x 6.875 inches	1
26	6-6490-03	Fitting, 08 JIC x 08 Tube, Straight	2	55	6-6493-02	Fitting, 06 OR x 06 Tube, 90°	1
27	6-7013-26	Hose, 06 x 08 x 13 inches	2	56	7-379-01	Cylinder, Rotate	Ref.
28	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2	57	7-234-103	Needle Valve Assembly (includes items 4 and 5)	1
29	7-292-01	Hose Reel Assembly	1				



Figure	Rev	Description
807.1	A	Circuit, Fork Rotate (GTH-1056)



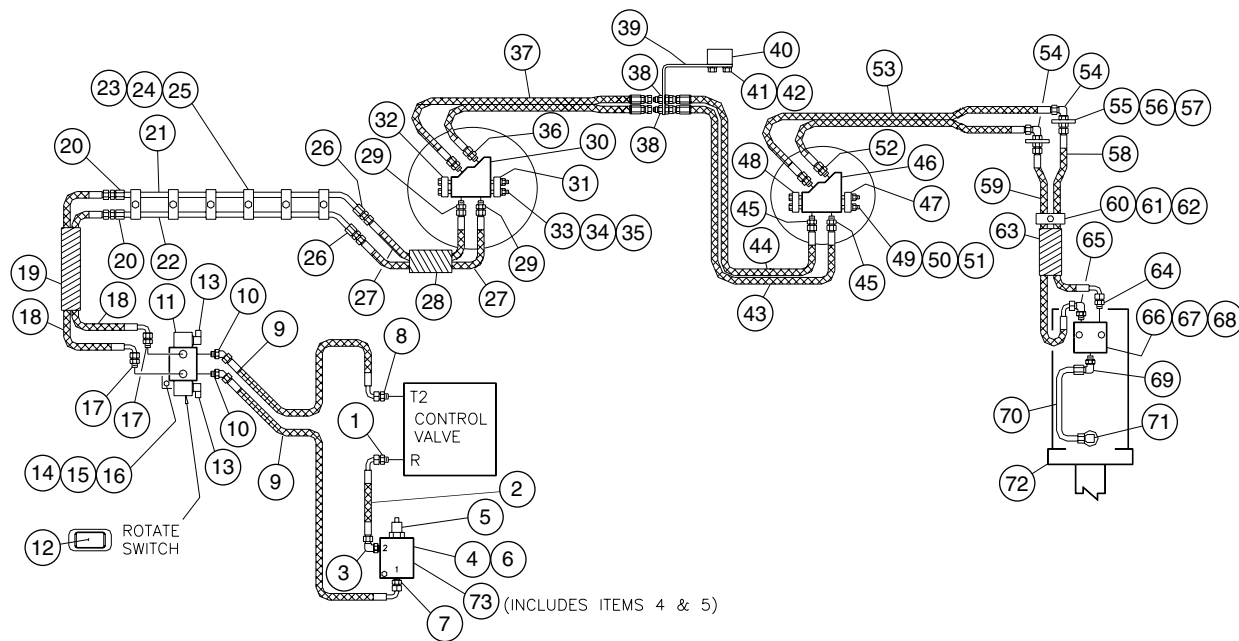
807.1
Circuit, Fork Rotate (GTH-1056) Rev A

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6-6450-08	Fitting, 06 OR x 06 JIC, Straight (R)	1	30	7-292-01	Hose Reel Assembly	1
2	6-7023-40	Hose, 06 x 06-90 x 20 inches	1	31	1-2020	Mount, Hose Reel, Weld-on	Ref.
3	6-6453-07	Fitting, 08 OR x 06 JIC, 90°	1	32	1-2020	Mount, Hose Reel, Weld-on	Ref.
4	7-234-84	Body, Needle Valve	Ref.	33	6-5208-36	Cap Screw, 1/2 NC x 4.5 inches ...	2
5	7-234-17	Cartridge, Needle Valve	Ref.	34	6-6211-08	Lock Washer, 1/2 inch	2
6	6-5205-30	Cap Screw, 5/16 NC x 3.75 inches	1	35	6-6201-08	Hex Nut, 1/2 NC	2
7	6-6450-09	Fitting, 08 OR x 06 JIC, Straight ...	1	36	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2
8	6-6450-08	Fitting, 06 OR x 06 JIC, Straight (T2)	1	37	7-292-03	Binded Hose, 300 inches	1
9	6-7023-40	Hose, 06 x 06-90 x 20 inches	2	38	6-6475-05	Fitting, 06 JIC, BH-Union, Straight	2
10	6-6452-03	Fitting, 06 OR x 06 JIC, 45°	2	39	3-1442-1	Mount Plate	1
11	7-244-31	4-Way Electric Valve	1	40	3-1442-2	Tapped Block, Weld-on	Ref.
12	7-164-04	Switch, Auxiliary	1	41	6-5208-12	Cap Screw, 1/2 NC x 1.5 inches ..	2
13	7-244-27	Din Connector	2	42	6-6211-08	Lock Washer, 1/2 inch	2
14	6-5204-12	Cap Screw, 1/4 NC x 1.5 inches ...	2	43	6-7023-26	Hose, 06 x 06-90 x 13 inches (Outer)	1
15	6-6211-04	Lock Washer, 1/4 inch	2	44	6-7023-24	Hose, 06 x 06-90 x 12 inches	1
16	6-6201-04	Hex Nut, 1/4 NC	2			(Inner)	1
17	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2	45	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2
18	6-7043-184	Hose, 08 x 06-90 x 92 inches	2	46	7-292-11	Hose Reel Assembly	1
19	7-299-08	Hose Armor, 1 ID	53 inches	47	1-2020	Mount, Hose Reel, Weld-on	Ref.
20	6-6490-03	Fitting, 08 JIC x 08 Tube, Straight	2	48	1-2020	Mount, Hose Reel, Weld-on	Ref.
21	3-1064-3	Formed Tube, 1/2 inch OD	1	49	6-5208-36	Cap Screw, 1/2 NC x 4.5 inches ...	2
22	3-1064-4	Formed Tube, 1/2 inch OD	1	50	6-6211-08	Lock Washer, 1/2 inch	2
23	7-273-21	Clamp Half Set, 1/2 Twin Tube	6	51	6-6201-08	Hex Nut, 1/2 NC	2
24	7-273-23	Top Plate, 1/2 Twin Tube Clamp ...	6	52	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2
25	6-5205-10	Cap Screw, 5/16 NC x 1.25 inches	6	53	7-292-12	Bonded Hose, 180 inches	1
26	6-6490-03	Fitting, 08 JIC x 08 Tube, Straight	2	54	6-6477-05	Fitting, 06 JIC, BH-Union, 90°	2
27	6-7013-54	Hose, 06 x 08 x 27 inches	2	55	3-1222-1	Bulkhead Mounting Plate	1
28	7-299-08	Hose Armor, 1 ID	19 inches	56	6-5206-20	Cap Screw, 3/8 NC x 2.5 inches ...	2
29	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	2	57	6-6211-06	Lock Washer, 3/8 inch	Ref.
				58	6-7023-144	Hose, 06 x 06-90 x 72 inches	1
				59	6-7023-152	Hose, 06 x 06-90 x 76 inches	1

This list continues on the next page.



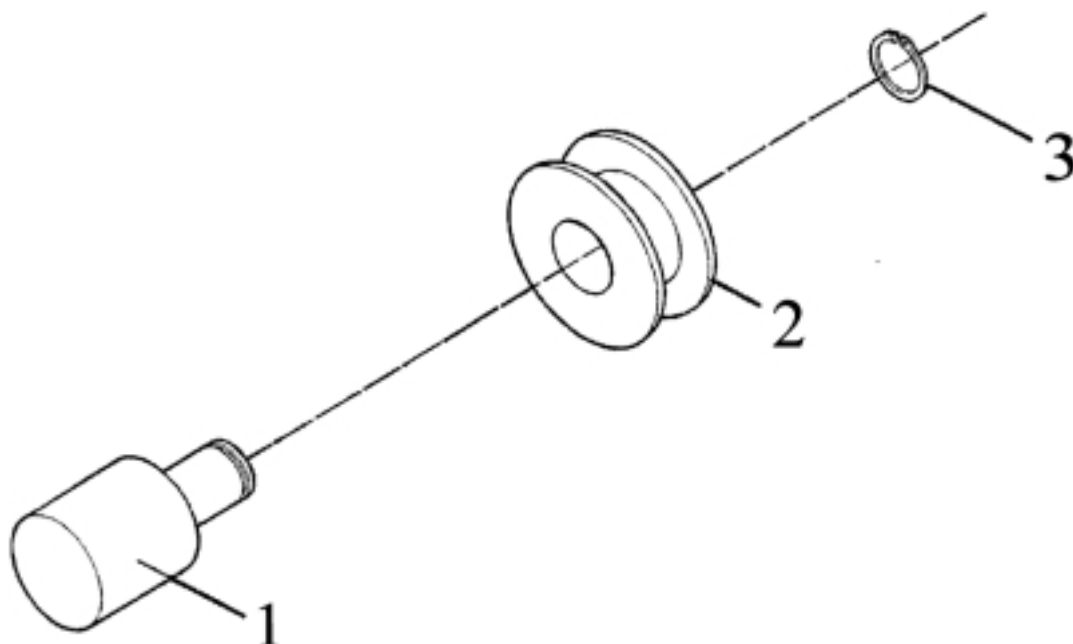
Figure	Rev	Description
807.1	A	Circuit, Fork Rotate (GTH-1056)



807.1
Circuit, Fork Rotate (GTH-1056) Rev A

Item	Part No.	Description	Qty.
60	7-273-27	Clamp Half Set, $\frac{3}{8}$ Twin Hose	1
61	7-273-23	Top Plate, $\frac{3}{8}$ Hose Clamp	1
62	6-5205-14	Cap Screw, $\frac{5}{16}$ NC x 1.75 inches	1
63	7-299-08	Hose Armor, 1 inch ID	34 inches
64	6-6450-08	Fitting, 06 OR x 06 JIC, Straight ...	1
65	6-6453-06	Fitting, 06 OR x 06 JIC, 90°	1
66	7-234-35	Dual Check Valve	1
67	6-5605-20	Cap Screw, SH, $\frac{5}{16}$ NC x 2.5 inches	2
68	6-6214-05	Lock Washer, $\frac{5}{16}$, High Collar	2
69	6-6493-02	Fitting, 06 OR x 06 Tube, 90°	1
70	1-1065	Formed Tubing, $\frac{3}{8}$ x 6.875 inches	1
71	6-6493-02	Fitting, 06 OR x 06 Tube, 90°	1
72	7-379-01	Cylinder, Rotate	Ref.
73	7-234-103	Needle Valve Assembly (includes items 4 and 5)	1

Figure	Rev	Description
808.1	A	Hose Roller Assembly (all models)



Hose Roller Assembly (all models) 808.1
Rev A

Item	Part No.	Description	Qty.
1	3-1109	Pin, Hose Roller, Weld-on	1
2	2-1065P	Sheave, Plastic	1
3	7-239-04	Retaining Ring	1

California Proposition 65

WARNING

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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**Part No.
97500**

Rev A

