

MILLER PRO

HIGH LIFT DUMP BOX

PARTS BOOK

MODEL 4012
MODEL 8015

19.00121a

Issue Date: 7/01

ART'S-WAY MANUFACTURING CO., INC.
TECHNICAL MANUALS



Manuals are available from your local dealer or Art's-Way Manufacturing Co., Inc. for the operation, service, and repair of your machine. For prompt convenient service, contact your local dealer for assistance in obtaining the manuals for your machine.

Your local dealer can expedite your order for operator manuals, illustrated parts catalogs, service manuals, and maintenance records.

Always give the Machine Name, Model, and Serial Number so your local dealer can provide the correct manuals for your machine.

Art's-Way Manufacturing Co., Inc. reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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ART'S-WAY MANUFACTURING CO., INC.
HWY 9 WEST - PO Box 288
Armstrong, IA 50515 U.S.A
Phone: 712-864-3131

LIMITED WARRANTY

Art's-Way Manufacturing Co., Inc. warrants the products it sells to be free from defects in material and workmanship for a period of one (1) year after the date of delivery to the first (original) purchaser, subject to the following conditions:

- Art's-Way Manufacturing Co., Inc. obligation and liability under this warranty is to repair or replace (at the company's option) any parts that upon manufacture were defective in material or workmanship.
- All parts and repairs under this warranty shall be supplied at Art's-Way Manufacturing Co., Inc. or an authorized Art's-Way Manufacturing Co., Inc. dealer, at the option of Art's-Way Manufacturing Co., Inc.
- Art's-Way Manufacturing Co., Inc. warranty does not extend to parts and elements not manufactured by Art's-Way Manufacturing Co., Inc. and which carry the warranty of other manufacturers.
- Transportation or shipping to an authorized dealer for necessary repairs is at the expense of the purchaser.
- Art's-Way Manufacturing Co., Inc. makes no other warranty expressed or implied and makes no warranty of merchantability or fitness for any particular purpose beyond that expressly stated in this warranty. Art's-Way Manufacturing Co., Inc. liability is limited to the terms set forth in this warranty and does not include any liability for direct, indirect, incidental or consequential damages or expenses of delay and the Company's liability is limited to repair or replacement of defective parts as set forth herein.
- Any improper use and/or maintenance, including operation after discovery of defective or worn parts, operation beyond the rated capacity, substitution of parts not approved by Art's-Way Manufacturing Co., Inc., or any alternation or repair by other than an authorized Art's-Way Manufacturing Co., Inc. dealer which affects the product materially and adversely, shall void the warranty.
- No dealer, employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Art's-Way Manufacturing Co., Inc.
- Some states do not allow limitations on how long an implied warranty lasts or exclusions of, or limitations on relief such as incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you the specific legal rights and you may have other rights that vary from state to state.

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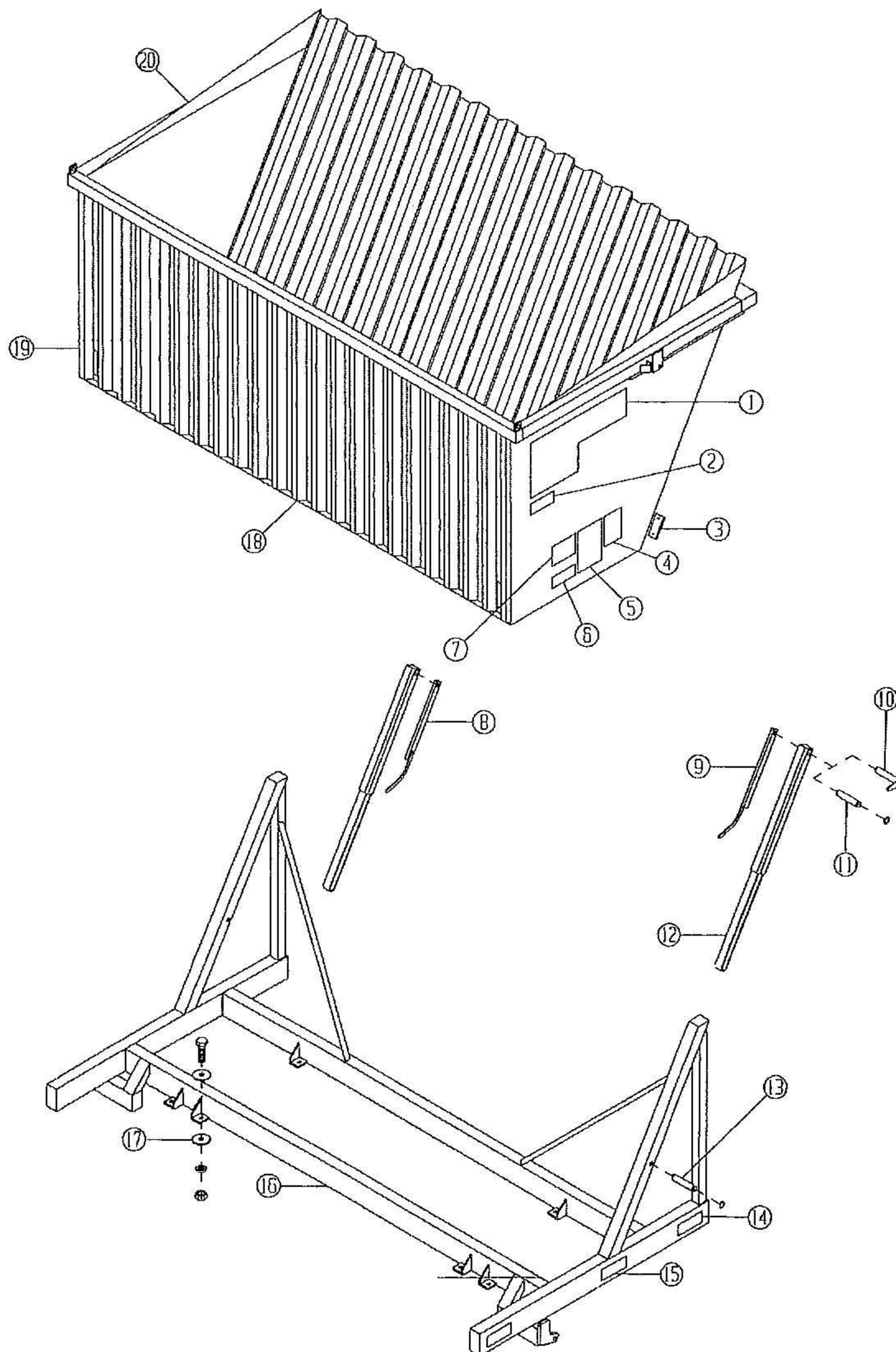
HIGH LIFT DUMP BOX

MODEL 4012 & 8015

19.00121a TABLE OF CONTENTS

Description	Parts List Page # 's	Illustration Page # 's
Tank & Elevator	3.....	2
Roof Assembly	5.....	4
Electrical	7.....	6
Running Gear	9,11.....	8,10
Hydraulic System (old)	13.....	12
Hydraulic System (new)	15.....	14
Hydraulic Cylinder	17.....	16
12' & 15' Carts	19,21.....	18,20
Parts Index	22,23,24	

TANK AND ELEVATOR



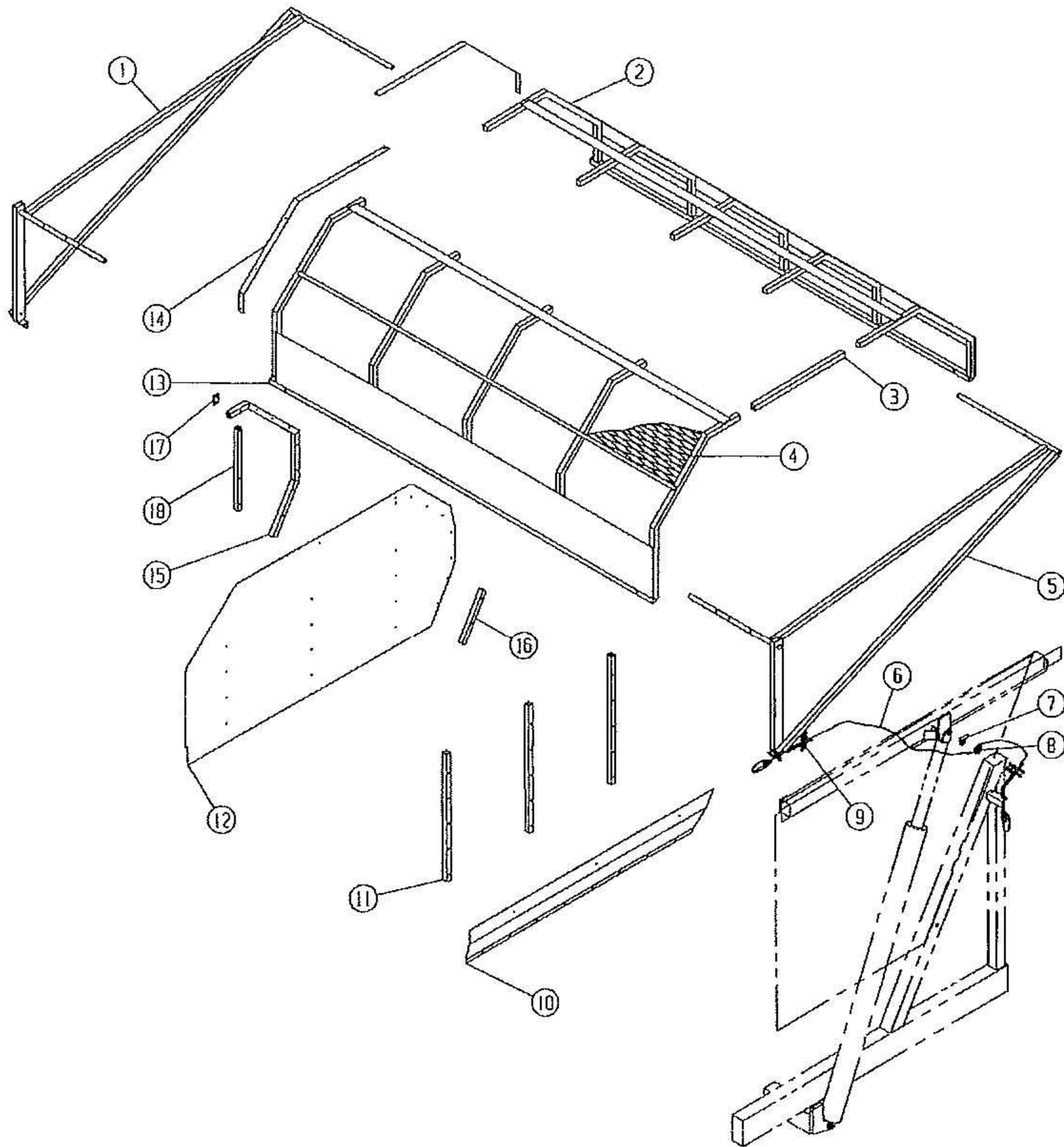
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TANK AND ELEVATOR

Item	Part No.	Quantity	Description
1	19.00036	2	Decal, Miller Pro
2	19.00037	1 (12')	Decal, 4012
	19.00034	1 (15')	Decal, 8015
3	19.005294	2	Wear Slide
	09.71123	4	Screw, Cap, 5/16-18 x 1 BTNHSOC
4	19.00115	1	Decal, Purge Cylinders
5	19.00114	1	Decal, Operating Instructions
6	19.00140	1	Decal, Warning
7	16.20178	1	Decal, Before Operating
8	19.805747R.4	1	Latch, Slide Tube, Rear
9	19.805747F.4	1	Latch, Slide Tube, Front
10	19.00765	2	Pin, Tank Pivot (New Style)
	907057	2	Flatwasher, .388 x 1.25 x .12
	906400	2	Nut, Hex, 3/8-16 Nyl Ins
	100.11100	2	Retaining Ring, 1" Heavy
11	19.800386	2	Pin, Tank Pivot (Old Style)
	100.11100	4	Retaining Ring, 1" Heavy
12	19.001505.7	2	Slide Tube Weldment
13	19.00365	2	Slide Tube Cyl Mount Pin
	100.11100	4	Retaining Ring, 1" Heavy
14	907220	6	Decal, Yellow Retroreflective
15	19.00113	2	Decal, Danger
16	19.005354	1(12')	Frame Weldment, 4012
	19.015456	1(15')	Frame Weldment, 8015
17	904253	6	Bolt, Hex, 5/8-11 x 2 Gr 5
	900498	6	Flatwasher, 5/8
	900508	6	Nut, Hex, 5/8-11 Nyl Ins
18	19.00111	1(12')	Tank, 4012
	19.00112	1(15')	Tank, 815
19	907219	2	Decal, Red Retroreflective
20	907225	1	Decal, SMV Emblem

ROOF ASSEMBLY



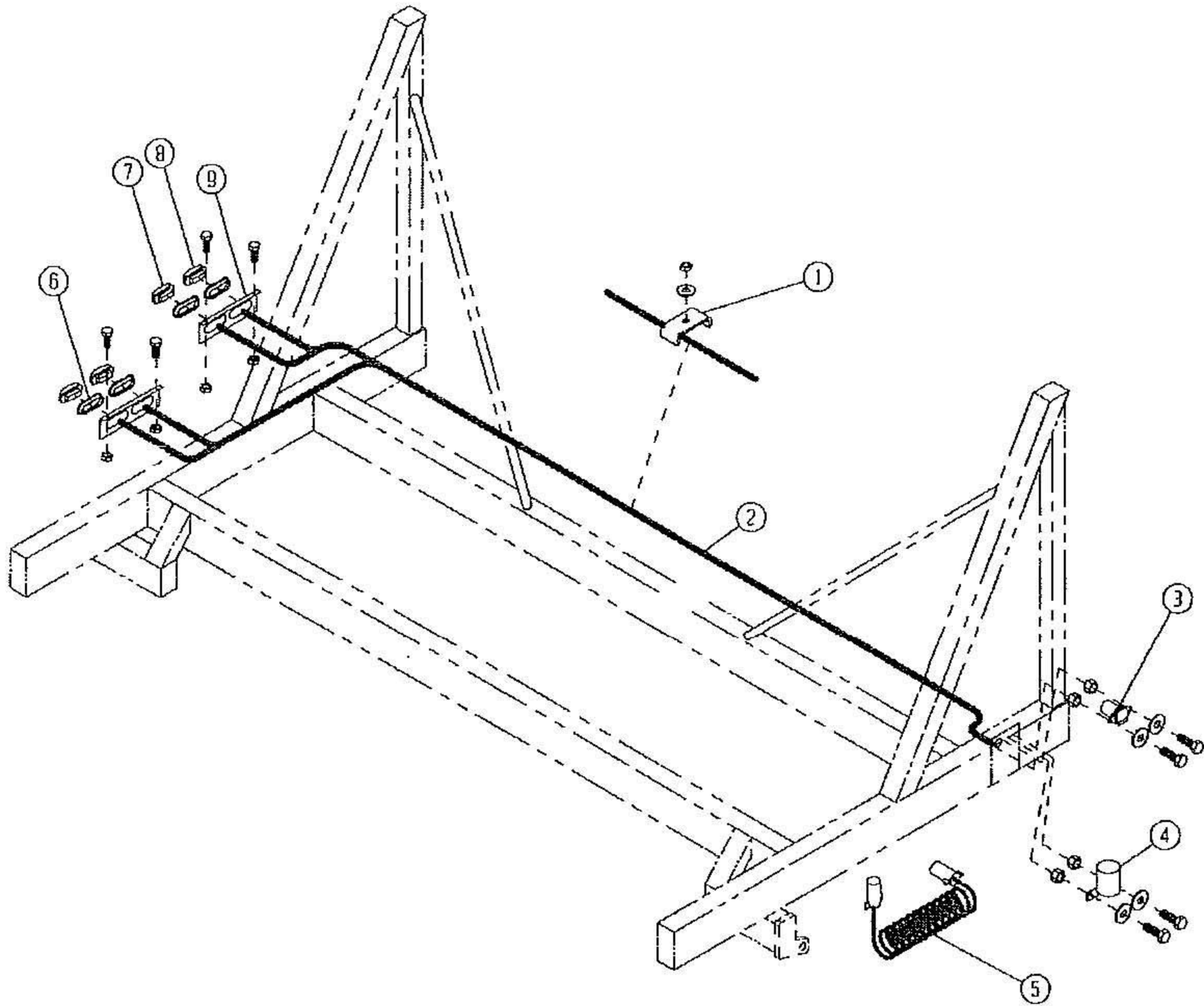
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ROOF ASSEMBLY

Item	Part No.	Quantity	Description
1	19.00050.7	1	Roof Arm Weldment Rear
	903517	2	Bolt, Hex, 3/8-16 x 2 1/4 Gr 5
	903937	2	Nut, Lock, 3/8-16 Toplock
2	19.025380.7	1(12')	Roof Weldment Extension 4012
	19.025395.7	1(15')	Roof Weldment Extension 8015
3	19.025752.7	5(12')	Roof Connector
		6(15')	
	903937	10(12')	Nut, Lock, 3/8-16 Toplock
		12((15')	
	903517	10(12')	Bolt, Hex, 3/8-16 x 2 1/4 Gr 5
		12(15')	
4	19.00652.5	3	Mesh, 48" x 120" Steel (New Style)
	19.00653.5	3	Mesh, 48" x 20" Steel (New Style)
	11.77790		Tensar, Plastic Mesh (Old Style)
	907120	125(12')	Screw, Tec 1/4 x 1.00
		150 (15')	
	09.70891	125 (12')	Flatwasher, 1/4 x 1 x 18 Ga.
		150 (15')	
5	19.00049.7	1	Roof Arm Weldment Front
	903517	2	Bolt, Hex, 3/8-16 x 2 1/4 Gr 5
	903937	2	Nut, Lock, 3/8-16 Toplock
6	19.00314	2	Cable, 1/4" 7 x 19, Galv.
7	19.00040.7	2	Cable, Guide, 1 1/4
8	19.00039	2	Pulley 1 1/4
9	14.73071	8	Clamp, Cable, 1/4
	19.00332	4	Thimble, 1/4 Cable
10	19.00058.7	1	Panel, Deflector
	903277	8	Bolt, Hex, 5/16-18 x 3/4 Gr 5
	900494	8	Flatwasher, 5/16
	903936	8	Nut, Lock, 5/16-18 Toplock
11	19.004786.7	3	Filler Stake
	902603	12	Bolt, Hex, 5/16-18 x 2, Gr 5
	902532	3	Bolt, Hex, 5/16 -18 x 2 1/2, Gr 5
	900494	2	Flatwasher, 5/16
	903936	15	Nut, Lock, 5/16-18 Toplock
12	19.025397.7	1	Filler Sheet
13	19.025393.7	1(12')	Roof Weldment Hinge 4012
	19.025394.7	1(15')	Roof Weldment Hinge 8015
14	19.00345	6	Protector, Roof Edge (Old Style w/Plastic Mesh)
15	19.00362.7	1	Support Tube
16	19.00354.7	1	Spacer Tube
17	19.00358.7	1	Tie Plate
18	19.00355.7	1	Connector Tube

ELECTRICAL



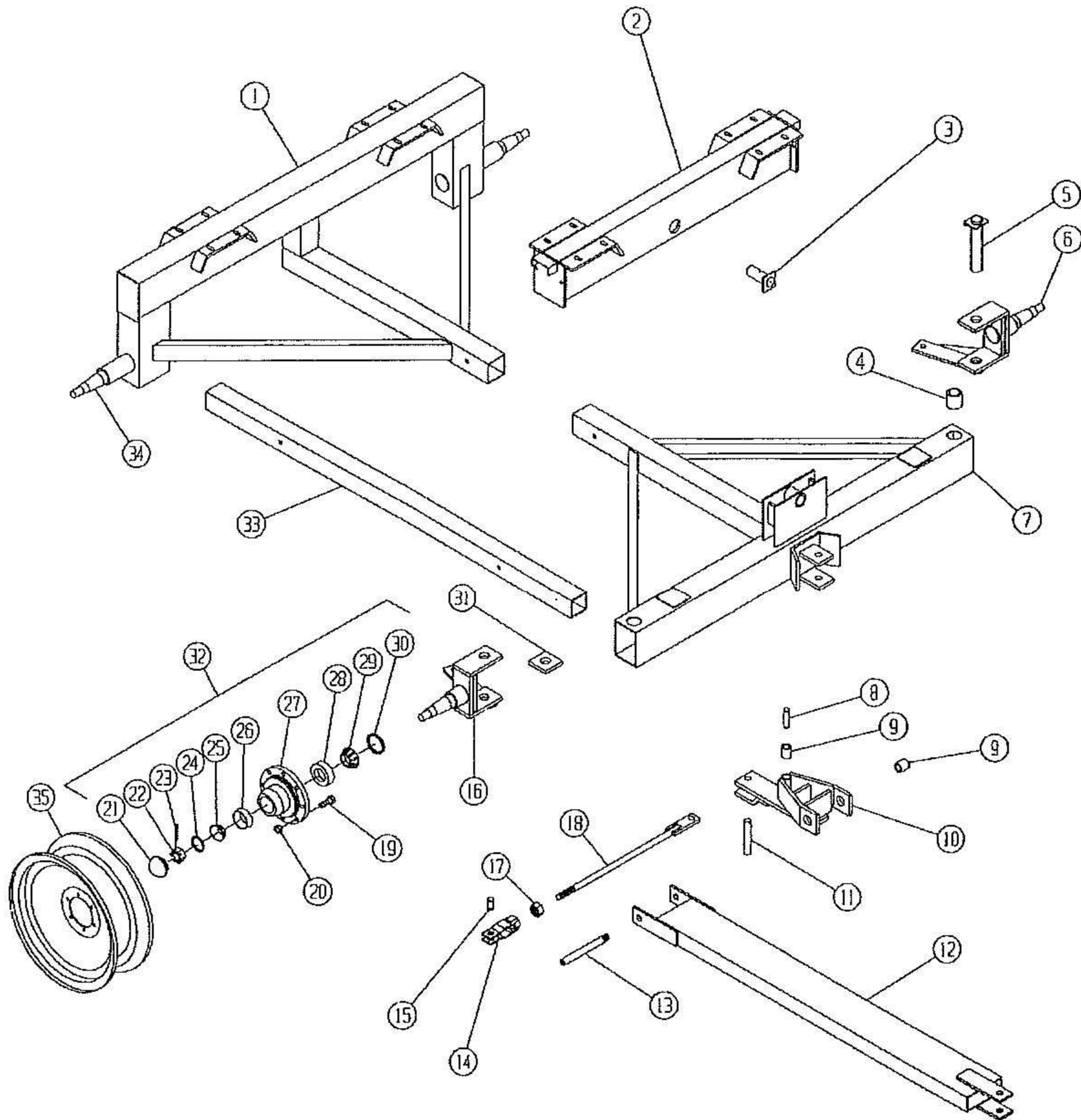
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19.00121a Issue Date: 7/01

ELECTRICAL

Item	Part No.	Quantity	Description
1	19.800144.5	3	Clamp
	903936	3	Nut, Hex, 5/16-18 Toplock
2	19.00337	1	Wiring Harness
	11.11111	11	Cable, Tie 30"
3	16.20213	1	Socket, 7 Pole
	900493	2	Flatwasher, 1/4
	904092	2	Nut, Hex, 1/4-20 Nyl Ins
	903033	2	Bolt, Hex, 1/4-20 x 1 Gr 5
4	16.20165	1	Holder, Plug Storage
	900493	2	Flatwasher, 1/4
	904092	2	Nut, Hex, 1/4-20 Nyl Ins
	903033	2	Bolt, Hex, 1/4-20 x 1 Gr 5
5	16.20214	1	Cable, Coil 15' - 7 Wire
6	16.20193	4	Grommet, Light
7	16.20192	2	Light, Red
8	16.20191	2	Light, Amber
9	16.20259.7	2	Bracket, Light
	906483	4	Nut, Hex, 5/16-18 Nyl Ins
	902859	4	Bolt, Hex, 5/16-18 x 1 Gr 5

RUNNING GEAR



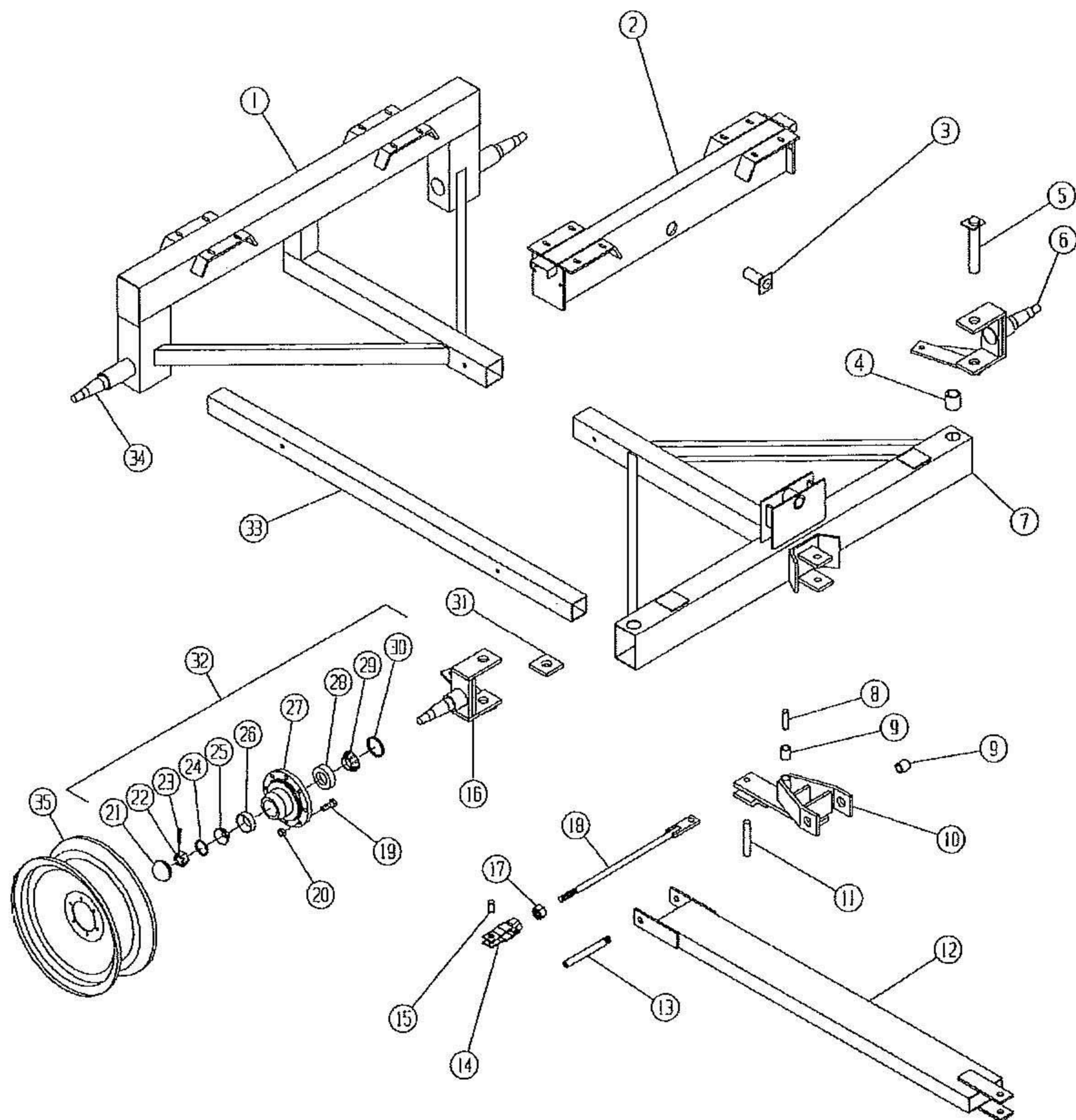
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19.00121a Issue Date: 7/01

RUNNING GEAR

Item	Part No.	Quantity	Description
1	19.00098.7	1(15')	Rear Axle Weldment 15' 96" TW
	19.009696.7	1(12')	Rear Axle Weldment 12', 96" TW
	19.00320.7	1(15')	Rear Axle Weldment 15', 120" TW
	19.00322.7	1(12')	Rear Axle Weldment 12', 120" TW
2	19.561400.7	1	Bolster Weldment, 96" TW
	19.812460.7	1	Bolster Weldment, 120" TW
3	19.143053.7	1	Pin Weldment
	900665	1	Fitting, Grease, 1/8 NPT 45 Degree
	09.71750	1	Bolt, Hex, 3/4-16 x 1.5, Gr 5
	900499	1	Flatwasher, 3/4
	900700	1	Lockwasher, 3/4
4	19.00080	4	Bushing, 1 3/4 x 2 1/8 x 2 (SN190035 & Above)
5	19.00107	2	King Pin Assembly (SN1900035 & Above)
	09.71750	2	Bolt, Hex, 3/4-16 x 1.5, Gr 5
	900499	2	Flatwasher, 3/4
	900700	2	Lockwasher, 3/4
	19.00294		King Pin Kit (SN1900000-1900034)
6	19.253126.7	1(15')	L Trunnion Weldment 8015
	19.153129.7	1(12')	L Trunnion Weldment 4012
7	19.009796.7	1	Front Axle Weldment, 96" TW
	19.00324.7	1	Front Axle Weldment, 120" TW
	900665	2	Fitting, Grease, 1/8 NPT 45 Degree
8	19.00105	1	Pin, Hitch (SN1900035 & Above)
	09.70782	1	Nut, Slotted, 1 1/8-7
	907050	1	Pin, Cotter, 1/4 x 2 1/2
	19.143057		Pin, Steering Kit (SN1900000-1900034)
	903306	1	Bolt, Hex, 1/2-13 x 1 1/2 Gr 5
	900506	1	Lockwasher, 1/2,
	09.70941	1	Flatwasher, 1/2, Thick
9	19.00074	4	Bushing, 1 1/8 x 1 1/4 x 1 1/2 (SN1900035 & Above)
10	19.00110	1	Hitch Yoke Weldment (SN1900035 & Above)
	19.588188		Yoke, Hitch, Kit (SN1900000-1900034)
	900537	1	Fitting, Grease, 1/8, Short
11	19.532504	1	Tie Rod Pin
	100.11100	2	Retaining Ring, 1 Ext Heavy
12	19.561389.7	1	Tongue Weldment
13	19.00106	1	Pin, Pole
	903306	1	Bolt, Hex, 1/2-13 x 1 1/2, Gr 5
	900506	1	Lockwasher, 1/2
	09.70941	1	Flatwasher, 1/2, Thick
	09.70782	1	Nut, Slotted, 1 1/8-7
	907050	1	Pin, Cotter, 1/4 x 2 1/2
	09.70983	2	Flatwasher, 1 1/8 x 1 3/4
14	19.00368.7	2	Clevis Assembly
15	19.559101	2	Tie Rod Pin
	100.11100	4	Retaining Ring, 1 Ext Heavy
16	19.253127.7	1(15')	R Trunnion Weldment, 8015
	19.153128.7	1(12')	R Trunnion Weldment, 4012
17	07.73807	2	Nut, Jam, 1-14

RUNNING GEAR, continued



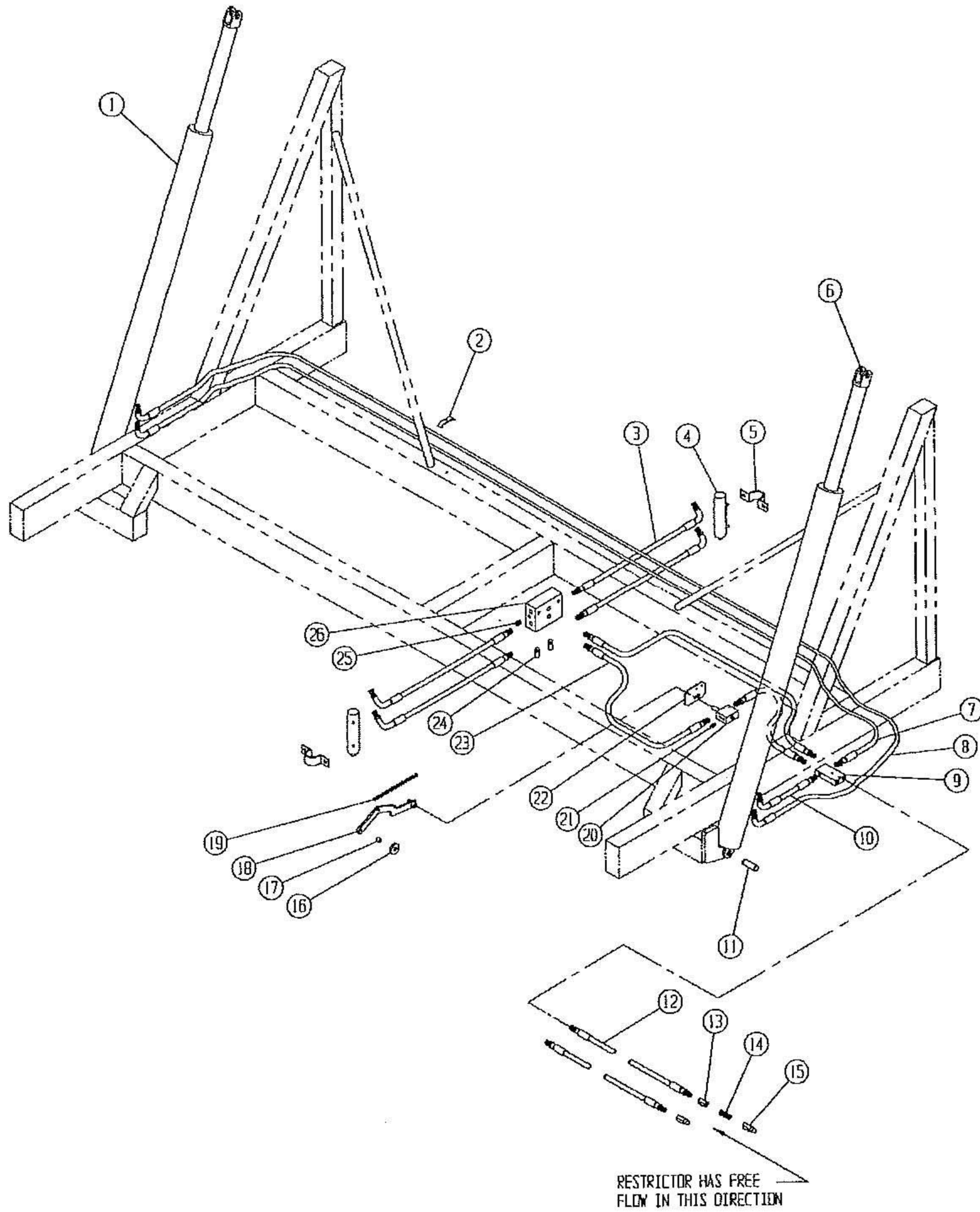
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19.00121a Issue Date: 7/01

RUNNING GEAR, continued

Item	Part No.	Quantity	Description
18	19.0143056.7	2	Tie Rod, Weldment
19	19.00085	32(15')	Stud, Wheel, 5/8-18 x 2 3/8
	65.10122	32(12')	Stud, Wheel, 5/8-18 x 2 1/4
20	65.10125	32	Nut, Wheel, 5/8-18
21	903205	4	Cap, Hub
22	65.10104	4	Nut, Slotted, 1-14 UNS
23	65.10102	4	Pin, Cotter, 7/32 x 2 1/4
24	65.10106	4	Flatwasher, 1.06 x 2.13 x 25
25	901150	4	Bearing, Cone, 1.6250
26	901151	4	Bearing Cup, 1.6250
27	19.00081	4(15')	Hub Assembly, w/Cups & Studs (Includes #19, 26 & 28)
	65.10112	4(12')	Hub Assembly, w/Cups & Studs (Includes #19, 26 & 28)
28	19.00084	4(15')	Bearing Cup, 2.250
	903204	4(12')	Bearing Cup, 2.1654
29	19.00083	4(15')	Bearing Cone, 2.250
	903203	4(12')	Bearing Cone, 2.1654
30	19.00082	4(15')	Seal, Oil, 3
	65.10120	4(12')	Seal, Oil, 2 3/4
31	19.107080	2	Bearing, UHMW
32	19.00067	4(15')	Hub Assembly (Includes #19-30)
	05.78050	4(12')	Hub Assembly (Includes #19-30)
33	19.588264.7	1(15')	Tube, Reach
	19.588189.7	1(12')	Tube, Reach
	904972	2	Bolt, Hex, 3/4-10 x 5, Gr 5
	906349	2	Nut, Lock, 3/4-10 Nyl Ins
34	19.00066	2(15')	Spindle, 3 x 20.12
	19.00070	2(12')	Spindle 2.75 x 19.5
35	19.00152	2	Wheel, 20 x W8B 8-Bolt (Dump Side, Double Center)
	19.00304	2	Wheel, 20 x W8B 8-Bolt (Non-Dump Side, Single Center)
---	19.818724	4(15')	11.00 x 20 Used Military Tire
	19.818720	4(12')	9.00 x 20 Used Military Tire
---	19.00295	4	Inner Tube Assembly

HYDRAULIC SYSTEM (old style)



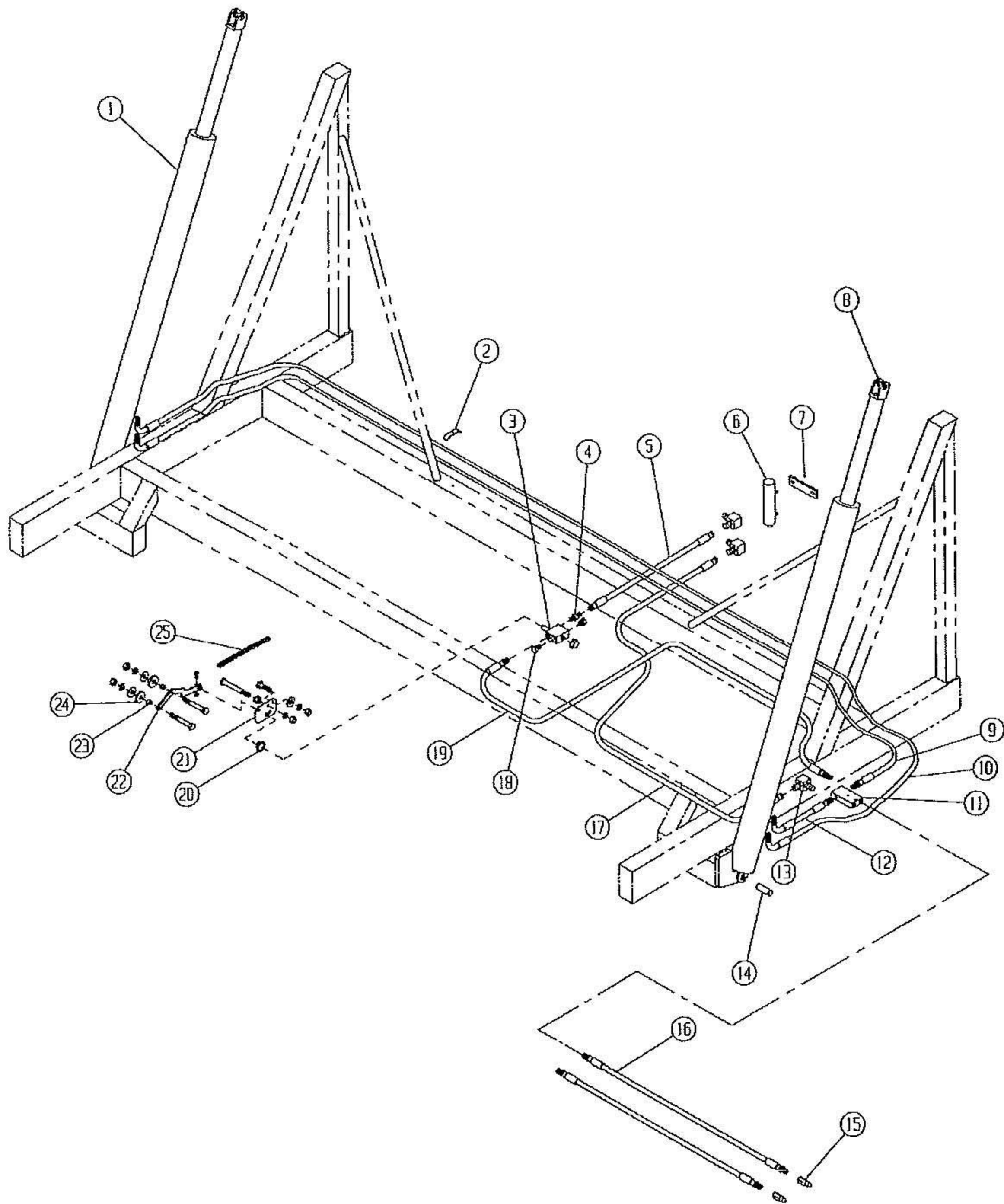
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19.00121a Issue Date: 7/01

HYDRAULIC SYSTEM (old style)

Item	Part No.	Quantity	Description
1	19.00042	1	Cylinder 5.0 x 74.5 x 3
2	19.800144.5	3	Clamp
	903936	3	Nut, Lock, 5/16-18 Toplock
3	19.800206	4	Hose Assy, 37"
4	19.800229.5	2	Hydraulic Cylinder, 2 x 6
5	19.800241.5	2	U-Strap
	902194	4	Nut, Lock, 1/2-13 Toplock
	903306	4	Bolt, Hex, 1/2-13 x 1 1/2, Gr 5
6	19.00043	1	Cylinder, 4.0 x 74.5 x 2.5
7	19.00154	1 (12')	Hose Assy, 210"
	19.00157	1 (15')	Hose Assy, 250"
8	19.00045	1 (12')	Hose Assy, 245"
	19.00153	1 (15')	Hose Assy, 284"
9	19.800249	1	Hyd Man SAE Ports
	900393	2	Bolt, Hex, 5/16-18 x 1 3/4, Gr 5
	900503	2	Lockwasher, 5/16
10	19.00155	1	Hose Assy, 18
11	19.00044	4	Cylinder Mount Pin 1.25
	19.00023	8	Retaining Ring, 1 1/4 Ext Heavy
	11.77298		Oil, Hydraulic
12	19.00158	2	Hose Assy, 108"
13	09.74112	1	Valve, Restrictor (SN1900035 & Above)
14	09.74113	1	Nipple, Pipe, 1/2, Hex (SN1900035 & Above)
15	07.19044	2	Male Pioneer 1/2" Coupler Plug
16	19.00151	2	Roller, UHMW (SN1900035 & Above)
17	19.00278	2	Spacer .56 x 1.00 x .62 (SN1900035 & Above)
18	19.00251.5	1	Arm Weldment (SN1900035 & Above)
	901893	2	Bolt, Hex, 5/16-18 x 2, Gr 5
	903936	2	Nut, Lock, 5/16-18 Toplock
	902050	2	Bolt, Hex, 1/2-13 x 2 Gr 5
	900497	2	Flatwasher, 1/2
	900506	1	Lockwasher, 1/2
	900369	1	Nut, Hex, 1/2-13
19	19.00149	1	Spring, Ext, 1.125 x .12 x 12
20	19.00279	1	Stabilizer Valve Assy (Includes Item #21) (SN1900035 & Above)
	19.00288		Seal Kit, Stabilizer Valve (SN1900035 & Above)
21	19.872674	2	Fitting, Plug, 9/16-18 (SN1900035 & Above)
22	19.00145.5	1	Plate, Valve (SN1900035 & Above)
	902859	2	Bolt, Hex, 5/16-18 x 1, Gr 5 (SN1900035 & Above)
	902532	1	Bolt, Hex, 5/16-18 x 2 1/2, Gr 5 (SN1900035 & Above)
	904324	3	Flatwasher, 5/16 (SN1900035 & Above)
	900503	3	Lockwasher, 5/16, (SN1900035 & Above)
	900365	3	Nut, 5/16-18, NC (SN1900035 & Above)
23	19.800202	3	Hose Assy, 24.5"
24	19.800158	2	Counterbalance Valve
25	07.13310	2	Plug, 1/4 Pipe
26	19.800240	1	Manifold, Cartridge

HYDRAULIC SYSTEM (new style)



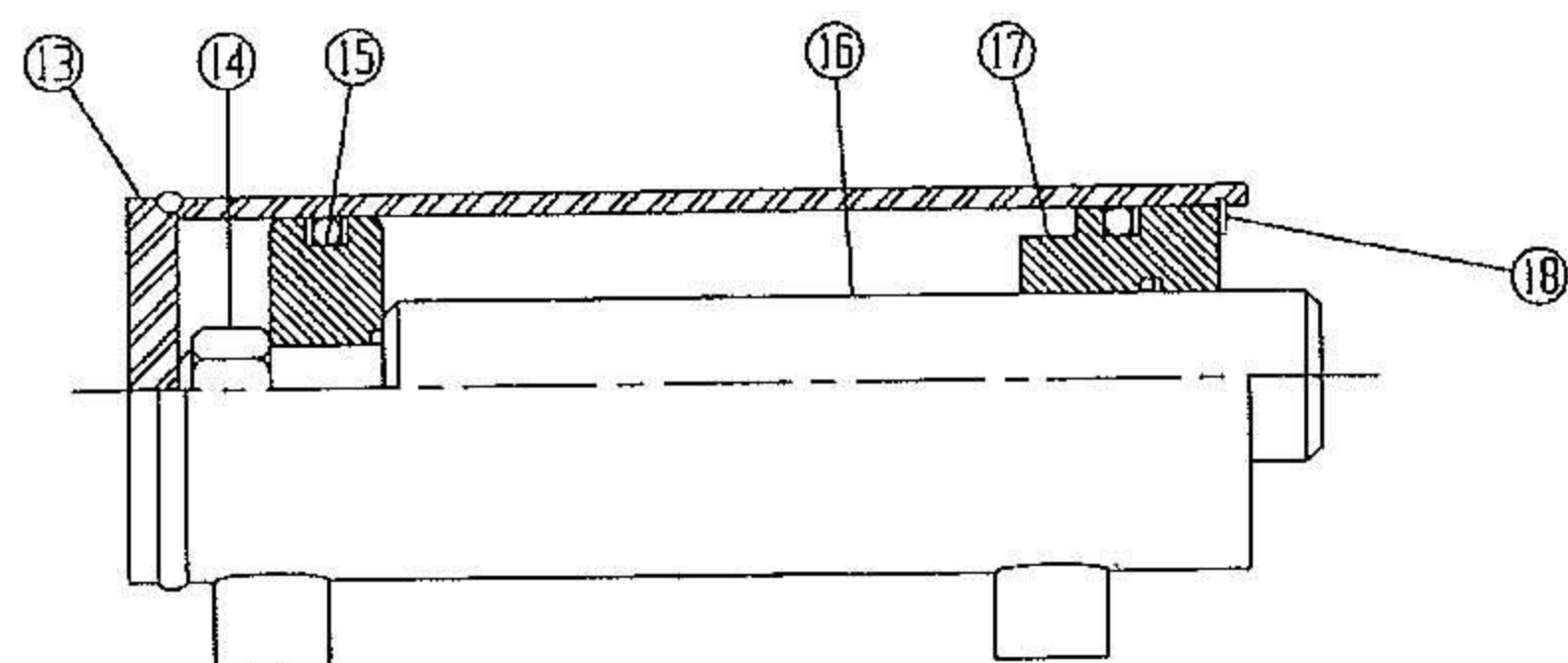
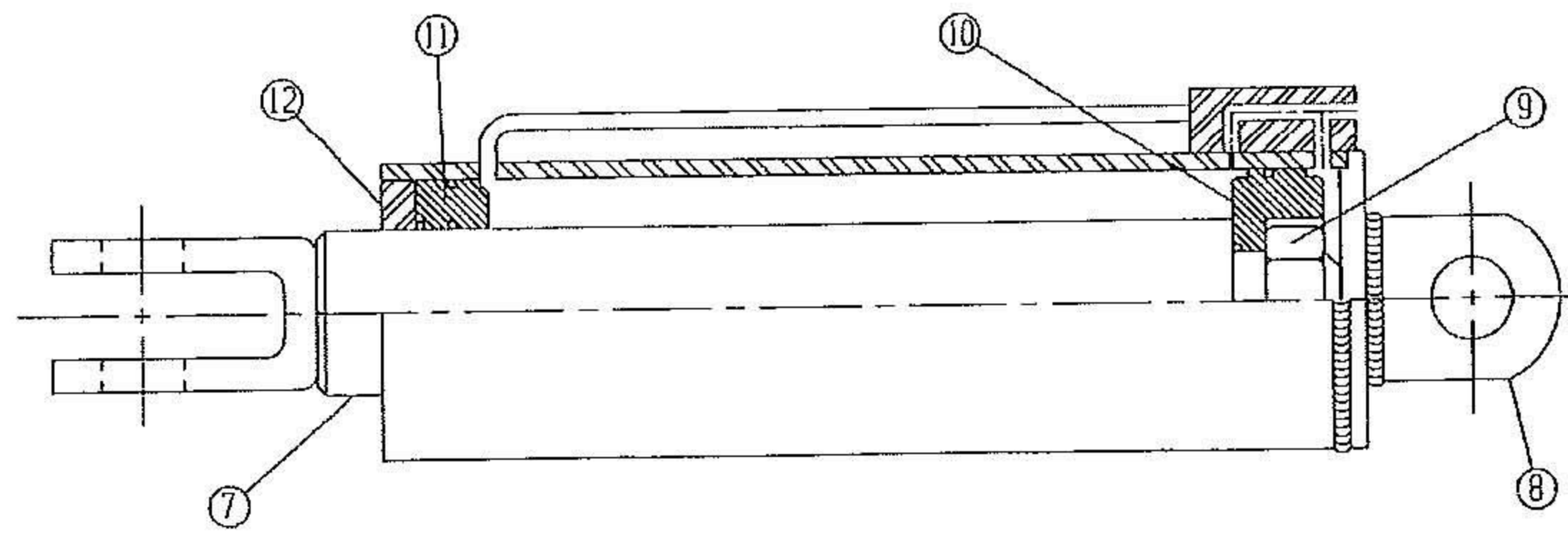
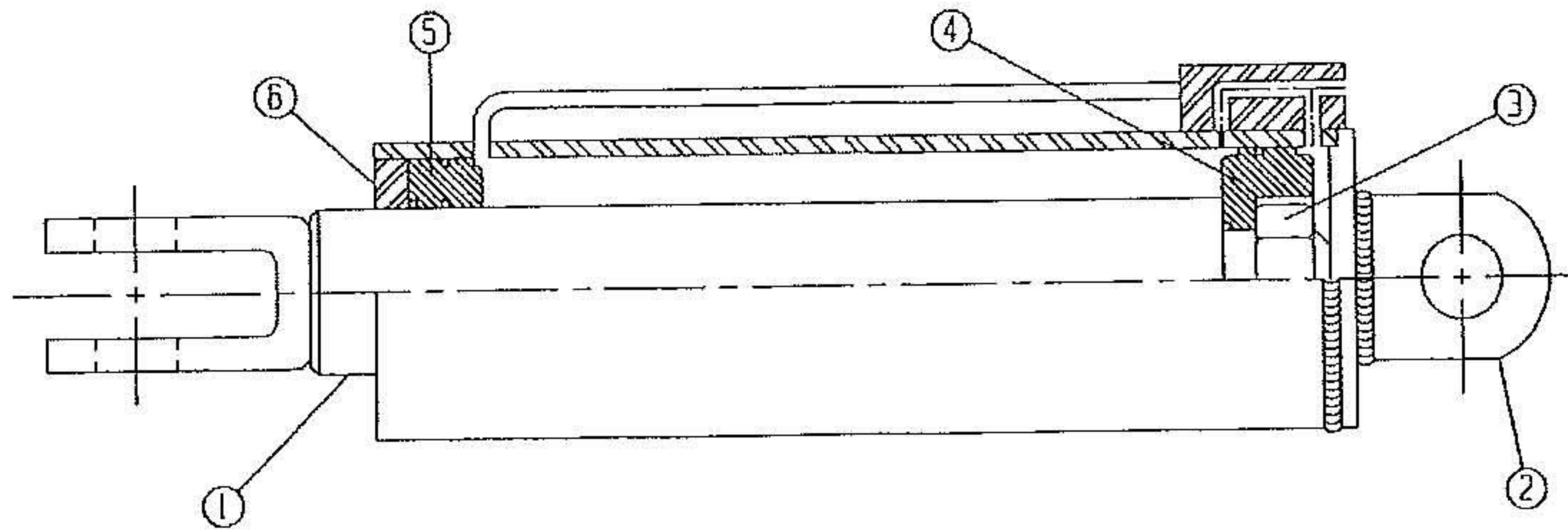
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HYDRAULIC SYSTEM (new style)

Item	Part No.	Quantity	Description
1	19.00042	1	Cylinder, 5.0 x 74.5 x 3
2	19.800144.5	3	Clamp
	903936	3	Nut, Hex, 5/16-18 Toplock
3	19.00683	1	Stabilizer Valve Assy
4	07.17911	1	Fitting, Connector
5	19.00568	1	Hose Assy, 48"
6	19.00461.7	1	Hydraulic Cylinder, 3 x 6
7	19.00520.7	1	Strap, Stabilizer
	902928	2	Bolt, Hex, 1/2-13 x 1-1/4 Gr 5
	900506	2	Lockwasher, 1/2
	900369	2	Nut, Hex, 1/2-13
8	19.00043	1	Cylinder, 4.0 x 74.5 x 2.5
9	19.00154	1(12')	Hose Assy, 210"
	19.00157	1(15')	Hose Assy, 250"
10	19.00045	1(12')	Hose Assy, 245"
	19.00153	1(15')	Hose Assy, 284"
11	19.800249	1	Hyd Man SAE Ports
	900393	2	Bolt, Hex, 5/16-18 x 1-3/4 Gr 5
	900503	2	Lockwasher, 5/16
12	19.00155	1	Hose Assy, 18"
13	07.17946	3	Fitting, 90 Deg Elbow
14	19.00044	4	Cylinder Mount Pin, 1.25
	19.00023	8	Retaining Ring, 1.25 Heavy
	11.77298		Oil, Hydraulic
15	07.19044	2	Male Pioneer 1/2" Coupler Plug
16	19.00158	2	Hose Assy, 108"
17	19.00568	1	Hose Assy, 48"
18	907168	2	Fitting, Plug, 3/4-16
19	19.800202	1	Hose Assy, 24.5"
20	19.00684	2	Bushing, Valve
21	19.00716.7	1	Plate, Valve
	902928	2	Bolt Hex, 1/2-13 x 1-1/4 Gr 5
	901937	2	Flatwasher, 1/2
	902675	1	Bolt, Hex, 1/2-13 x 3 Gr 5
	903772	4	Nut, Hex, 1/2-13 Whizlock
22	19.00251.5	1	Arm Weldment
	901893	1	Bolt, Hex, 5/16-18 x 2 Gr 5
	903936	1	Nut, Hex, 5/16 Toplock
	902050	2	Bolt, Hex, 1/2-13x 2 Gr 5
	900497	2	Flatwasher, 1/2
	900506	2	Lockwasher, 1/2
	900369	2	Nut, Hex, 1/2-13
23	19.00278.5	2	Spacer, .56 x 1.00 x .62
24	19.00151	2	Roller, UHMW
25	19.00149	1	Spring, Ext., 1.25 x .12 x 12

HYDRAULIC CYLINDERS



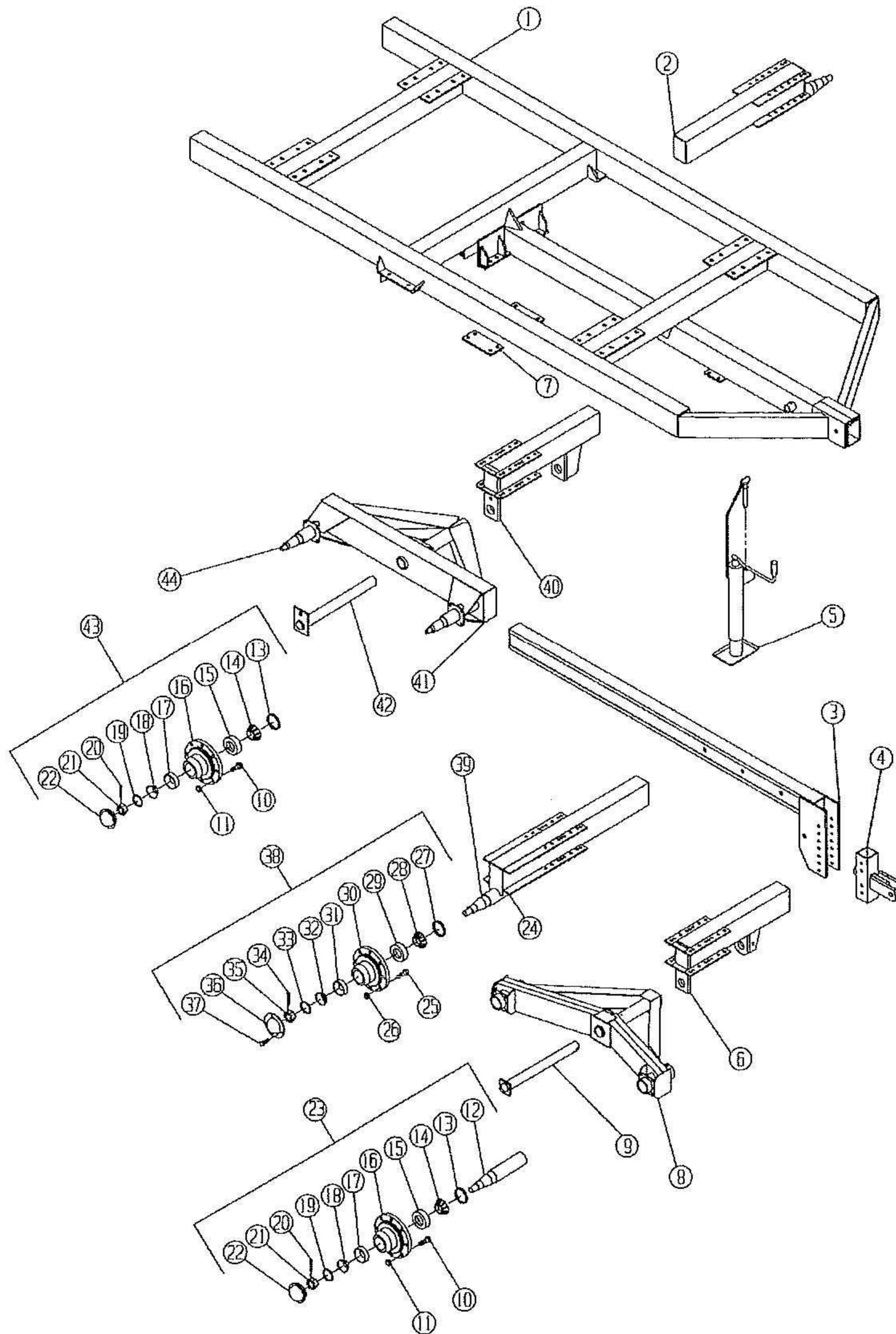
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HYDRAULIC CYLINDERS

Item	Part No.	Quantity	Description
4" HYDRAULIC CYLINDER FISHER HYDRAULICS 19.00043			
1	19.00122	1	Piston Rod, 4 x 80.5 x 2.5 Cyl
2	19.00123	1	Butt & Tube Assembly, 4 x 80.5 x 2.5 Cyl
3	19.00124	1	Nut
4	19.00125	1	Piston
5	19.00126	1	Gland
6	19.00127	1	Locking Ring
	19.00056	1	Seal Kit
5" HYDRAULIC CYLINDER FISHER HYDRAULICS 19.00042			
7	19.00128	1	Piston Rod, 5 x 80.5 x 3 Cyl
8	19.00129	1	Butt & Tube Assembly, 5 x 80.5 x 3 Cyl
9	19.00130	1	Nut
10	19.00131	1	Piston
11	19.00132	1	Gland
12	19.00133	1	Locking Ring
	19.00055	1	Seal Kit
3" STABILIZER CYLINDER FISHER HYDRAULICS 19.000461			
13	19.00741	1	Piston Rod
14	19.00742	1	Butt & Tube Assy
15	19.00743	1	Nut
16	19.00744	1	Piston
17	19.00745	1	Gland
18	19.00746	1	Locking Ring
	19.00747	1	Seal Kit
2" STABILIZER CYLINDER COLUMBUS HYDRAULICS 19.800229			
13	19.00134	1	Piston Rod
14	19.00135	1	Butt & Tube Assembly
15	19.00136	1	Nut
16	19.00137	1	Piston
17	19.00138	1	Gland
18	19.00139	1	Locking Ring
	19.00057	1	Seal Kit

12' & 15' CARTS



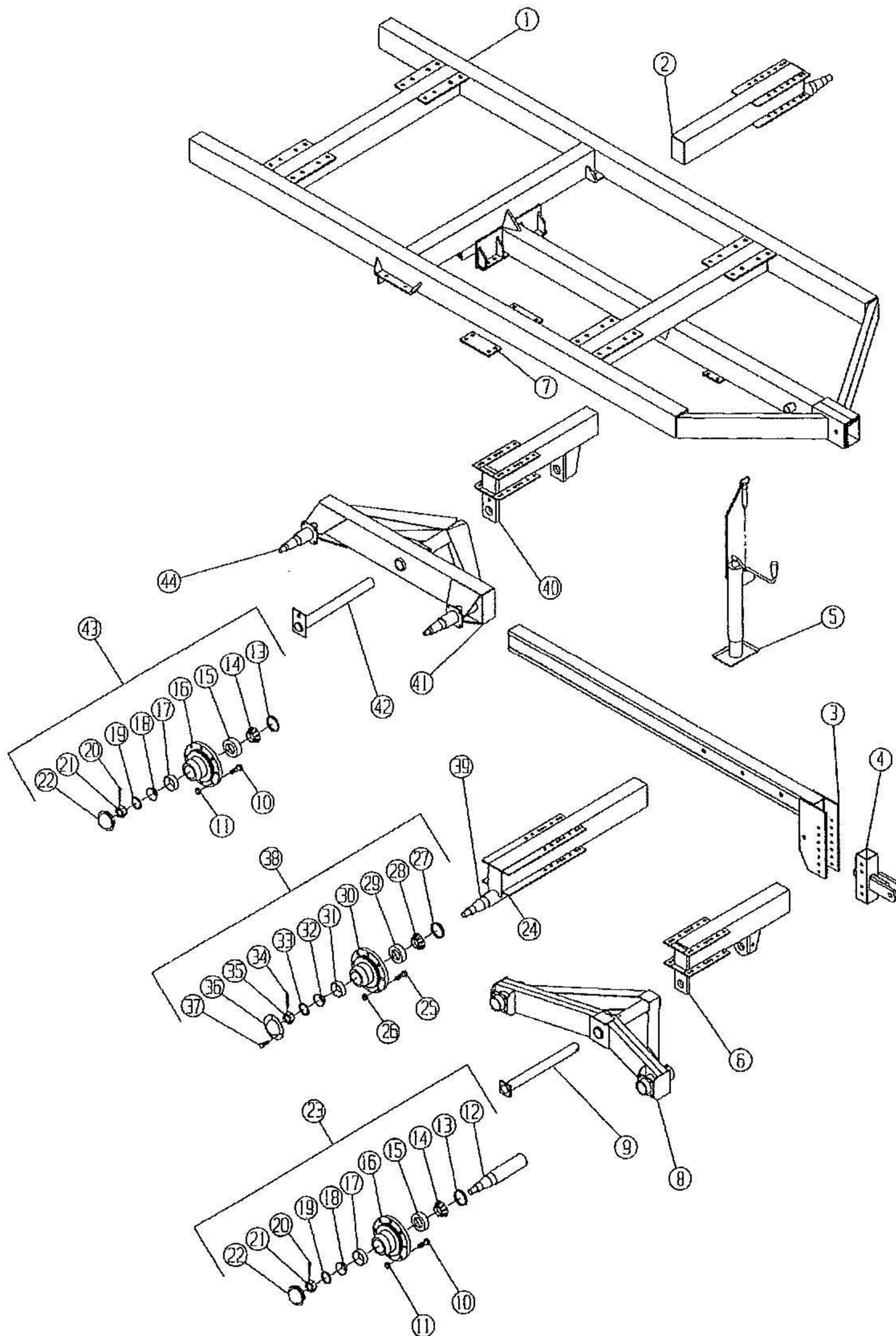
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19.00121a Issue Date: 7/01

12' & 15' CARTS

Item	Part No.	Quantity	Description
1	19.578553	1(12')	Trailer Frame Weldment
	19.578554	1(15')	Cart Weldment 15'
	904253	16	Bolt, Hex, 5/8-11 x 2 Gr 5
	900508	16	Lockwasher, 5/8
	900371	16	Nut, 5/8-11
2	19.00204	1(SA)	Single Axle Weldment DS
3	19.578563	1	Assembly, Tongue Insert
	904253	8	Bolt, Hex, 5/8-11 x 2, Gr 5
	900508	8	Lockwasher, 5/8
	900371	8	Nut, 5/8-11
	09.71808	1	Bolt, Hex, 1-8 x 6 Gr 5
	903564	1	Nut, 1-8
	903563	1	Lockwasher, 1
4	19.578573	1(SA)	Clevis Assy Weldment
	19.578763	1(TA)	Tongue, Swivel Weldment
5	322059B91	1	Jack, Tongue
6	19.578533	2(TA)	Axle Mount Assembly, Adjustable
	904220	2	Bolt, Hex, 5/8-11 x 4 1/2 Gr 5
	903050	2	Nut, Lock, 5/8-11 C-Lock
7	19.125126	2	Plate Axle Holding
8	19.00208	2(TA)	Walking Beam Weldment
	904220	4	Bolt, Hex, 5/8-11 x 4 1/2 Gr 5
	903050	4	Nut, Lock, 5/8-11 C-Lock
9	19.574513	2(TA)	Pivot Shaft Assembly
10	65.10122	32(TA)	Stud, Wheel, 5/8-18 x 2 1/4
11	65.10125	32(TA)	Nut, Wheel, 5/8-18
12	19.566341	4(TA)	Spindle, 2 3/4 X 16 3/4
13	65.10120	4(TA)	Seal, Oil, 2 3/4
14	903203	4(TA)	Bearing Cone, 2.1654
15	903204	4(TA)	Bearing Cup, 2.1654
16	65.10112	4(TA)	Hub Assy, w/Cups & Studs (Includes #10,15 & 17)
17	901151	4(TA)	Bearing Cup, 1.6250
18	901150	4(TA)	Bearing Cone, 1.6250
19	65.10106	4(TA)	Flatwasher, 1.06 x 2.13 x .25
20	65.10102	4(TA)	Pin, Cotter, 7/32 x 2 1/4
21	65.10104	4(TA)	Nut, Slotted, 1-14 Uns
22	903205	4(TA)	Cap, Hub
23	05.78050	4(TA)	Hub & Spindle Assy (Includes #10-22)
24	19.00205	1(SA)	Single Axle Weldment ND
25	09.74005	20(SA)	Stud, Wheel, 3/4-16 x 2 9/16
26	09.74006	2(SA)	Nut, Wheel, Bud, 3/4-16
27	19.00230	2(SA)	Seal, Oil
28	19.00232	2(SA)	Bearing, Cone, 2.75
29	19.00226	2(SA)	Bearing Cup 2.75
30	19.00222	2(SA)	Hub Assy w/Studs & Cups (Includes #25, 29, 31)
31	22.00173	2(SA)	Bearing Cup 1.75
32	19.00234	2(SA)	Bearing, Cone, 1.75
33	09.70893	2(SA)	Flatwasher, 1.28 x 3.25 x .18
34	901658	2(SA)	Pin, Cotter, 1/4 x 2

12' & 15' CARTS, continued



MILLER PRO

19.00121a Issue Date: 7/01

12' & 15' CARTS, continued

Item	Part No.	Quantity	Description
35	09.70789	2(SA)	Nut, Slotted, 11/4-12
36	906748	2(SA)	Cap, Hub
37	903279	8(SA)	Bolt, Hex, 5/16-18 x 1/2, Gr 5
38	19.00190	2(SA)	Hub Assy Complete 15000 LB. (Includes #25-37)
39	19.00203	2(SA)	Spindle
40	19.00756.7	2(TA)	Axle Mount Assembly, Adjustable 18T
41	12.10685	2(TA)	Tandem Weldment, 18T
42	12.10636.7	2(TA)	Pin, Tandem Pivot, 18T
43	05.78050	4(TA)	Hub Assy Complete 18T (Includes #10,11,13-22)
44	19.00070	4(TA)	Spindle 2.75 x 19.5
		(SA)	Single Axle
		(TA)	Tandem Axle

High Lift Dump Box Model 4012 & 8015 Parts Index

<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>
05.78050	11,19,21	19.00042	13,15	19.00132	17
07.13310	13	19.00043	13,15	19.00133	17
07.17911	15	19.00044	13,15	19.00134	17
07.17946	15	19.00045	13,15	19.00135	17
07.19044	13,15	19.00049.7	5	19.00136	17
07.73807	9	19.00050.7	5	19.00137	17
09.70782	9	19.00055	17	19.00138	17
09.70789	21	19.00056	17	19.00139	17
09.70891	5	19.00057	17	19.00140	3
09.70893	19	19.00058.7	5	19.00145.5	13
09.70941	9	19.00066	11	19.00149	13,15
09.70983	9	19.00067	11	19.001505.7	3
09.71123	3	19.00070	11,21	19.00151	13,15
09.71750	9	19.00074	9	19.00152	11
09.71808	19	19.00080	9	19.00153	13,15
09.74005	19	19.00081	11	19.00154	13,15
09.74006	19	19.00082	11	19.00155	13,15
09.74112	13	19.00083	11	19.00157	13,15
09.74113	13	19.00084	11	19.00158	13,15
100.11100	3,9	19.00085	11	19.00190	21
11.11111	7	19.00098.7	9	19.00203	21
11.77298	13,15	19.00105	9	19.00204	19
11.77790	5	19.00106	9	19.00205	19
12.10636.7	21	19.00107	9	19.00208	19
12.10685	21	19.00110	9	19.00222	19
14.73071	5	19.00111	3	19.00226	19
16.20165	7	19.00112	3	19.00230	19
16.20178	3	19.00113	3	19.00232	19
16.20191	7	19.00114	3	19.00234	19
16.20192	7	19.00115	3	19.00251.5	13,15
16.20193	7	19.00122	17	19.00278	13
16.20213	7	19.00123	17	19.00278.5	15
16.20214	7	19.00124	17	19.00279	13
16.20259.7	7	19.00125	17	19.00288	13
19.00023	13,15	19.00126	17	19.00294	9
19.00034	3	19.00127	17	19.00295	11
19.00036	3	19.00128	17	19.00304	11
19.00037	3	19.00129	17	19.00314	5
19.00039	5	19.00130	17	19.00320.7	9
19.00040.7	5	19.00131	17	19.00322.7	9

High Lift Dump Box Model 4012 & 8015 Parts Index

<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>
19.00324.7	9	19.125126	19	65.10102	11,19
19.00332	5	19.143053.7	9	65.10104	11,19
19.00337	7	19.143056.7	11	65.10106	11,19
19.00345	5	19.143057	9	65.10112	11,19
19.00354.7	5	19.153128.7	9	65.10120	11,19
19.00355.7	5	19.153129.7	9	65.10122	11,19
19.00358.7	5	19.253126.7	9	65.10125	11,19
19.00362.7	5	19.253127.7	9	900365	13
19.00365	3	19.532504	9	900369	13,15
19.00368.7	9	19.559101	9	900371	19
19.00461.7	15	19.561389.7	9	900393	13,15
19.004786.7	5	19.561400.7	9	900493	7
19.00520.7	15	19.566341	19	900494	5
19.005294	3	19.574513	19	900497	13,15
19.005354	3	19.578533	19	900498	3
19.00568	15	19.578554	19	900499	9
19.00652.5	5	19.578553	19	900503	13,15
19.00653.5	5	19.578563	19	900506	9,13,15
19.00683	15	19.578573	19	900508	3,19
19.00684	15	19.578763	19	900537	9
19.00716.7	15	19.588188	9	900665	9
19.00741	17	19.588189.7	11	900700	9
19.00742	17	19.588264.7	11	901150	11,19
19.00743	17	19.800144.5	7,13,15	901151	11,19
19.00744	17	19.800158	13	901658	19
19.00745	17	19.800202	13,15	901893	13,15
19.00746	17	19.800206	13	901937	15
19.00747	17	19.800229.5	13	902050	13,15
19.00756.7	21	19.800240	13	902194	13
19.00765	3	19.800241.5	13	902532	5,13
19.009696.7	9	19.800249	13,15	902603	5
19.009796.7	9	19.800386	3	902675	15
19.015456	3	19.805747F.4	3	902859	7,13
19.025380.7	5	19.805747R.4	3	902928	15
19.025393.7	5	19.812460.7	9	903033	7
19.025394.7	5	19.818720	11	903050	19
19.025395.7	5	19.818724	11	903203	11,19
19.025397.7	5	19.872674	13	903204	11,19
19.025752.7	5	22.00173	19	903205	11,19
19.107080	11	322025B91	191	903277	5

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(19.00121a Issue Date: 7/01)

High Lift Dump Box Model 4012 & 8015 Parts Index

<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>	<u>PART NO.</u>	<u>PAGES</u>
903279	21				
903306	9,13				
903517	5				
903563	19				
903564	19				
903772	15				
903936	5,7,13,15				
903937	5				
904092	7				
904220	19				
904253	3,19				
904324	13				
904972	11				
906349	11				
906400	3				
906483	7				
906748	21				
907050	9				
907057	3				
907120	5				
907168	15				
907219	3				
907220	3				
907225	3				