

# MILLER PRO

## HIGH LIFT DUMP BOX

### *PARTS BOOK*

MODELS 9012 & 9015

19.01013B

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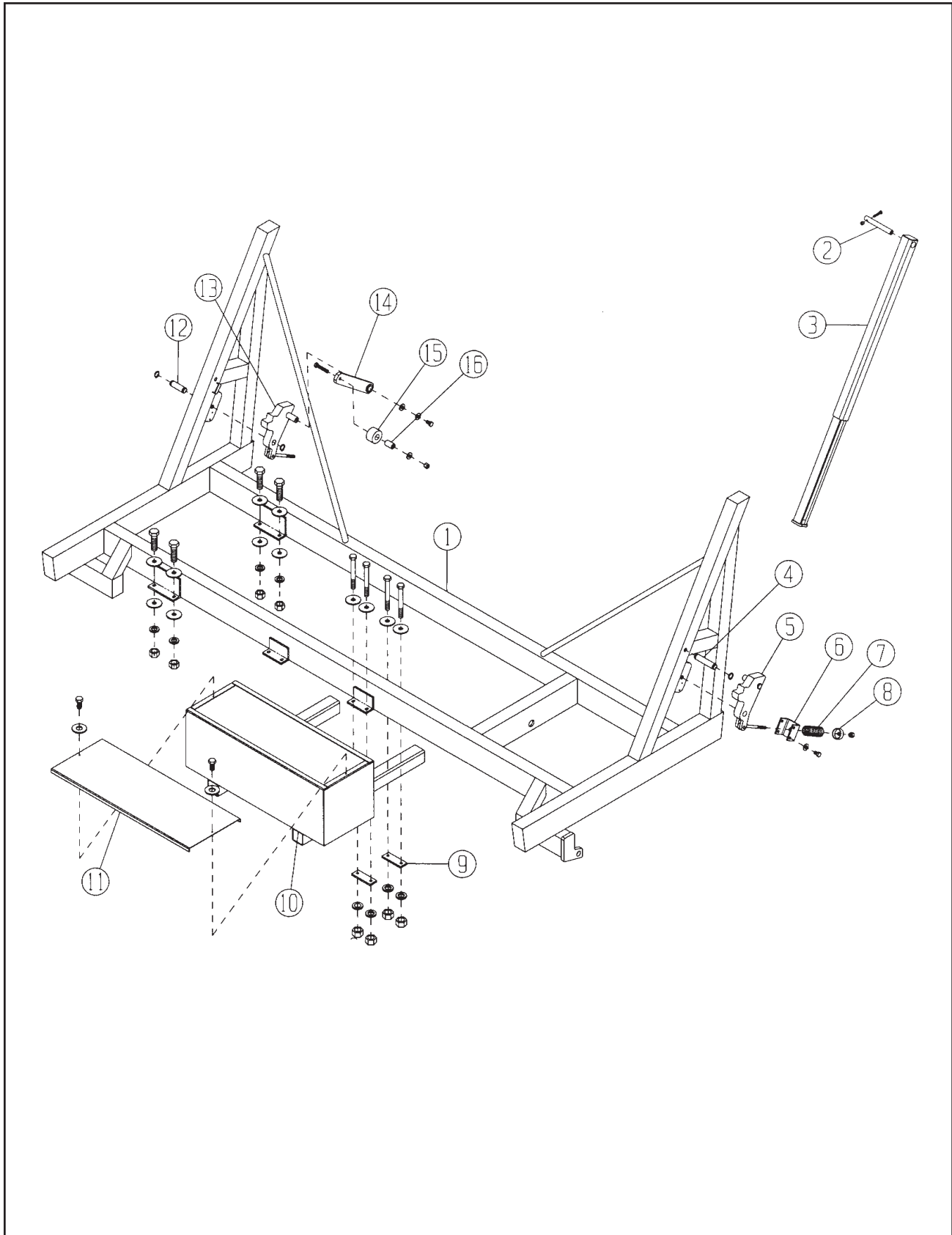
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## 9012 & 9015 High Lift Dump Box

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# Frame, Latch & Weight Box (4-Wheel Running Gear)

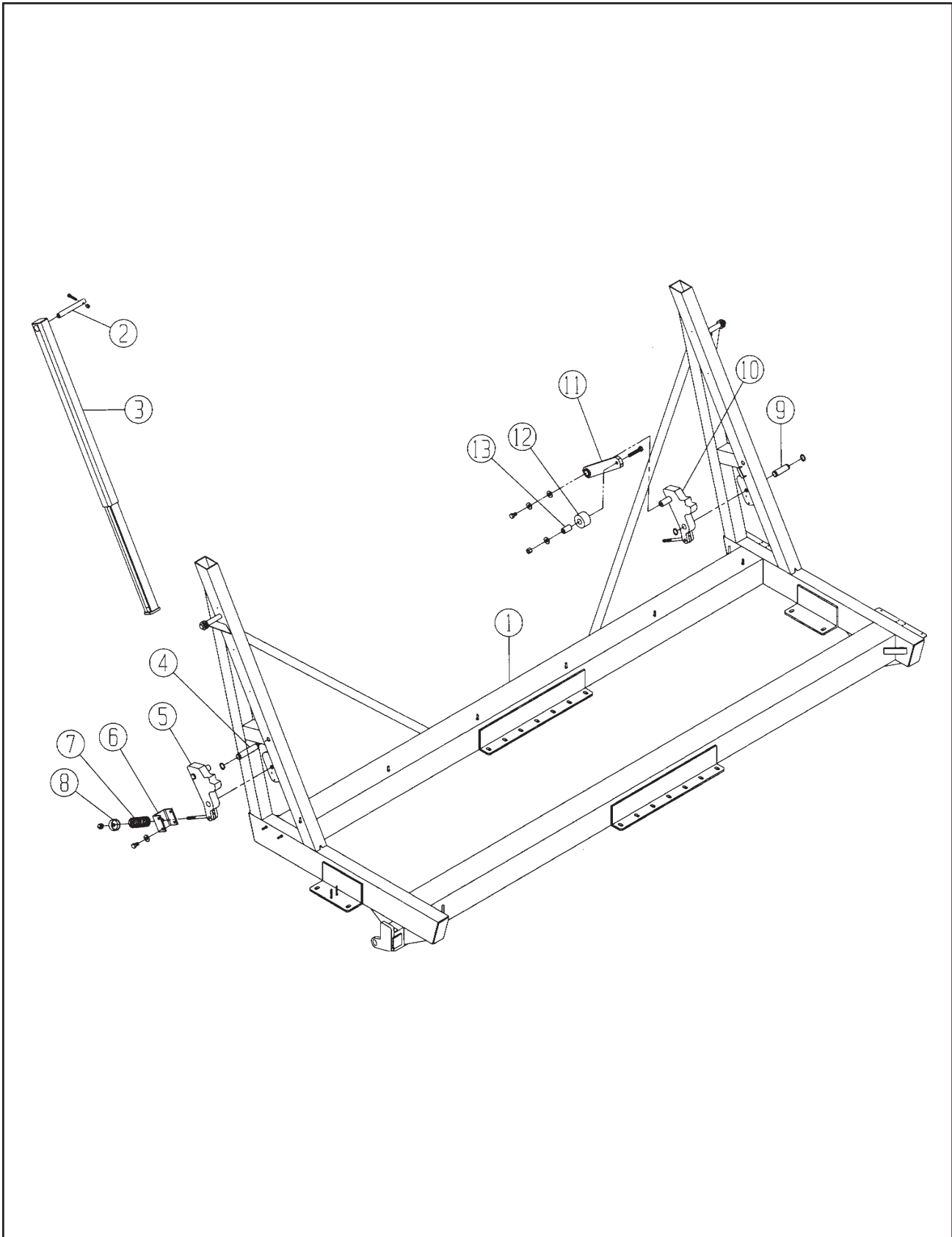


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## Frame, Latch & Weight Box (4-Wheel Running Gear) Parts List

Item	Part No.	Quantity	Description
1	19.00843.7	1	Frame (12 Ft)
	19.00844.7	1	Frame (15 Ft)
	903832	8	Bolt, Hex, 5/8-11 x 2-1/2 Gr 5
	900498	16	Flat Washer, 5/8
	900508	8	Lockwasher, 5/8
	900371	8	Nut, Hex, 5/8-11
2	19.00938	2	Pin - Tank Pivot
	906401	2	Nut, Hex, 1/2-13 Nyl Ins
	901341	2	Bolt, Hex, 1/2-13 x 2-1/2 Gr 5
3	19.00930.7	2	Slide Tube Weldment
4	19.00365	2	Slide Tube Cylinder Mounting Pin
	100.11100	4	Retaining Ring, 1, Heavy
5	19.01158.7	1	Latch Weldment, Front (Replaces Part #19.00789.7)
6	19.00985.7	2	Spring Mount
	902364	8	Bolt, Hex, 3/8-16 x 3/4 Gr 5
	900504	8	Lockwasher, 3/8
7	19.00984.7	2	Spring, Compression, 1.937 x .207 x 5.5
8	12.10497.7	2	Guide, Spring
	900497	2	Flat Washer, 1/2
	906401	2	Nut, Hex, 1/2-13 Nyl Ins
9	19.00663.7	4	Strap, Weight Box
	900498	8	Flat Washer, 5/8
	900508	8	Lockwasher, 5/8
	900371	8	Nut, Hex, 5/8-11
	09.73710	8	Bolt, Hex, 5/8-11 x 6-1/2 Gr 5
10	19.00935.7	1	Weight Box (12 Ft)
	19.00664.7	1	Weight Box (15 Ft)
11	19.00937.7	1	Weight Box Cover (12 Ft)
	19.00492.7	1	Weight Box Cover (15 Ft)
	904172	2	Nut, Clip 3/8-16
	902367	2	Bolt, Hex, 3/8-16 x 1-1/4 Gr 5
	900495	2	Flat Washer, 3/8
12	19.00775	2	Pin - Latch Pivot
	100.11100	4	Retaining Ring, 1, Heavy
13	19.01157.7	1	Latch Weldment, Rear (Replaces #19.00788.7)
	900497	2	Flat Washer, 1/2
	900506	2	Lockwasher, 1/2
	902930	2	Bolt, Hex, 1/2-13 x 1 Gr 5
14	19.00779.7	2	Latch Bar Weldment
15	19.00981	2	Roller - 2.5 OD x 1.04 ID x 1.50 UHMW
16	19.00990	2	Spacer, .56 x 1.00 x 1.62
	903853	2	Bolt, Hex, 1/2-13 x 2-3/4 Gr 5
	900497	2	Flat Washer, 1/2
	906401	2	Nut, Hex, 1/2-13 Nyl Ins

## Frame & Latch (2-Wheel Cart)

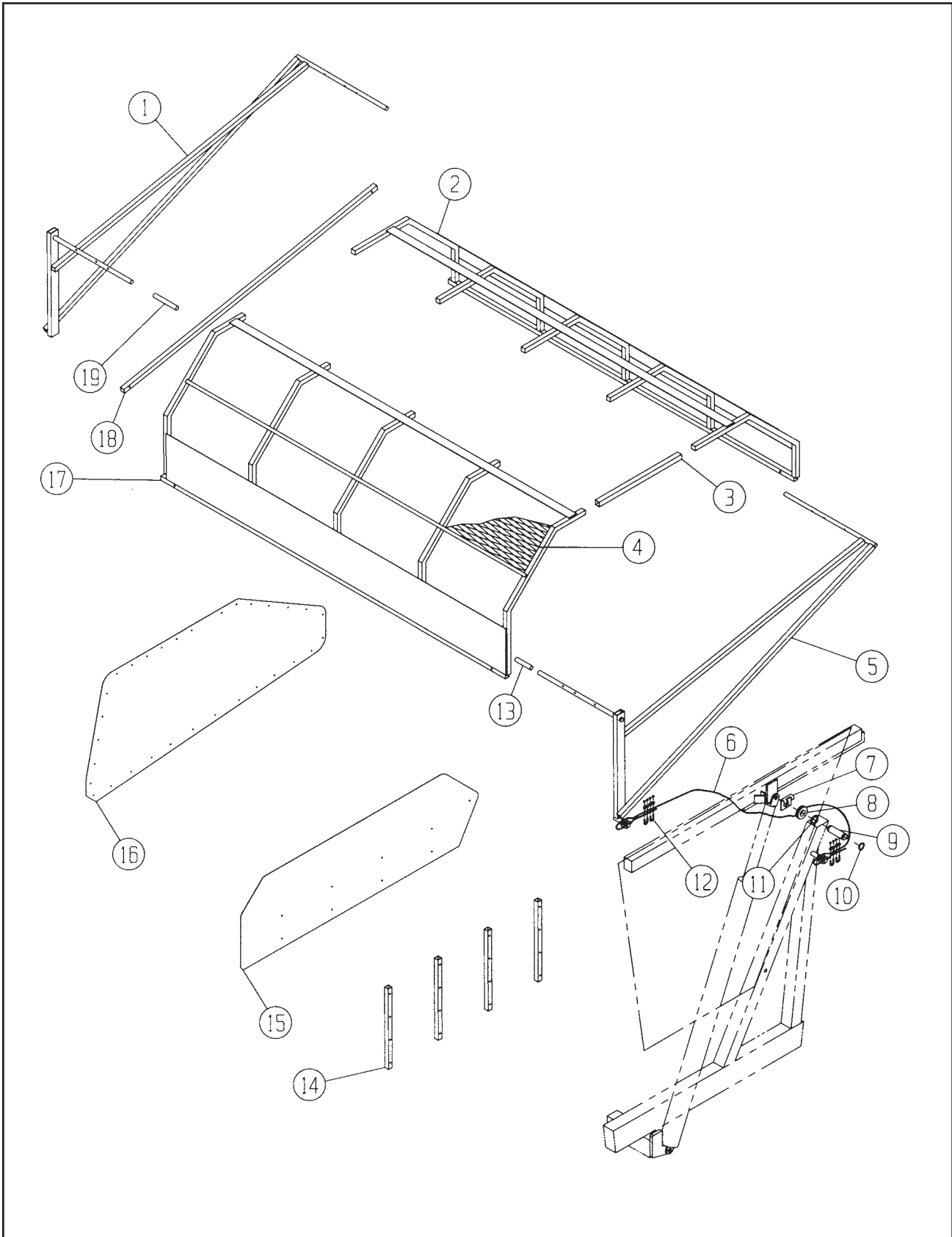


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## Frame & Latch (2-Wheel Cart) Parts List

Item	Part No.	Quantity	Description
1	19.01046.7	1	Frame (15 Ft Cart)
2	19.00938	2	Pin - Tank Pivot
	906401	2	Nut, Hex, 1/2-13 Nyl Ins
	901341	2	Bolt, Hex, 1/2-13 x 2-1/2 Gr 5
3	19.00930.7	2	Slide Tube Weldment
4	19.00365	2	Slide Tube, Cylinder Mounting Pin
	100.11100	4	Retaining Ring, 1, Heavy
5	19.01157.7	1	Latch Weldment, Rear
6	19.00985.7	2	Spring Mount
	902364	8	Bolt, Hex, 3/8-16 x 3/4 Gr 5
	900504	8	Lockwasher, 3/8
7	19.00984.7	2	Spring, Compression, 1.937 x .207 x 5.5
8	12.10497.7	2	Guide, Spring
	900497	2	Flat Washer, 1/2
	906401	2	Nut, Hex, 1/2-13 Nyl Ins
9	19.00775	2	Pin - Latch Pivot
	100.11100	4	Retaining Ring, 1, Heavy
10	19.01158.7	1	Latch Weldment, Front
	900497	2	Flat Washer, 1/2
	900506	2	Lockwasher, 1/2
	902930	2	Bolt, Hex, 1/2-13 x 1 Gr 5
11	19.00779.7	2	Latch Bar Weldment
12	19.00981	2	Roller - 2.5 OD x 1.04 ID x 1.50 UHMW
13	19.00990	2	Spacer, .56 x 1.00 x 1.62
	903853	2	Bolt, Hex, 1/2-13 x 2-3/4 Gr 5
	900497	2	Flat Washer, 1/2
	906401	2	Nut, Hex, 1/2-13 Nyl Ins

# Roof

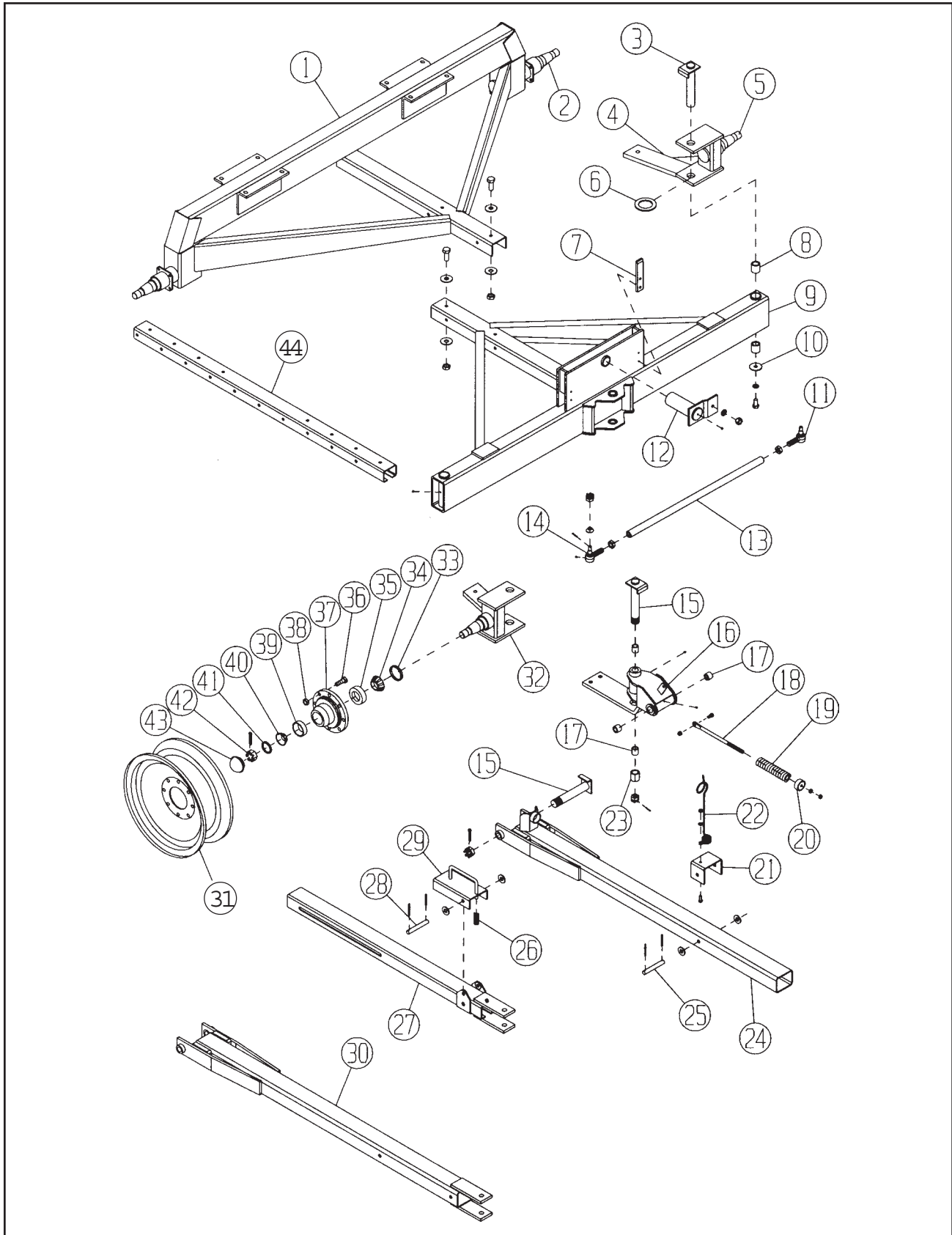




## Roof Parts List

Item	Part No.	Quantity	Description
1	19.00925.7	1	Roof Arm Weldment - Rear
	906401	4	Nut, Hex, 1/2-13 Nylock
	903300	4	Bolt, Hex, 1/2-13 x 2-1/4 Gr 5
2	19.00927.7	1	Tube Weldment - Dump Side (12 Ft)
	19.00929.7	1	Tube Weldment - Dump Side (15 Ft)
3	19.00879.7	5	Tube, Roof Connector (12 Ft)
	19.00879.7	6	Tube, Roof Connector (15 Ft)
	903937	10	Nut, Hex, 3/8-16 Nyl Ins (12 Ft)
	903937	12	Nut, Hex, 3/8-16 Nyl Ins (15 Ft)
	903517	10	Bolt, Hex, 3/8-16 x 2-1/4 Gr 5 (12 Ft)
	903517	12	Bolt, Hex, 3/8-16 x 2-1/4 Gr 5 (15 Ft)
4	19.00893.7	4	Sheet, Expanded Metal (12 Ft)
	19.00893.7	5	Sheet, Expanded Metal (15 Ft)
	907120	113	Screw, Tek, #12-16 x 7/8 (12 Ft)
	907120	134	Screw, Tek, #12-16 x 7/8 (15 Ft)
	09.70891	113	Flat Washer, 1/4 x 1 x 18 Ga (12 Ft)
	09.70891	134	Flat Washer, 1/4 x 1 x 18 Ga (15 Ft)
5	19.00924.7	1	Roof Arm Weldment - Front
	906401	4	Nut, Hex, 1/2-13 Nylock
	903300	4	Bolt, Hex, 1/2-13 x 2-1/4 Gr 5
6	19.00970	2	Cable, 1/4 x 14'
7	19.00040.5	2	Guide, Cable
8	19.00039	2	Pulley
9	19.00958	2	Pin, 1.25 x 4.25, Cyl (S/N 19.00645 & Down)
	19.01161	2	Pin, 1.25 x 5.75, Cyl with Hole (S/N 19.00646 & Up)
	901341	2	Bolt, Hex, 1/2-13 x 1-1/2
	906401	2	Nut, Hex, 1/2-13 Nylock
10	19.00023	4	Retaining Ring, 1.25, Heavy
11	900842	2	Machine Bushing, 1-1/4
12	900143	8	Clamp, Cable, 1/4
13	19.00966.7	1	Spacer, Roof Arm, 6.44" (12 Ft)
	19.00905.7	1	Spacer, Roof Arm, 8.44" (15 Ft)
14	19.00980.7	4	Channel, Crop Guide
	902063	12	Bolt, Hex, 5/16-18 x 2 Gr 5
	906483	13	Nut, Hex, 5/16-18 Nyl Ins
	900494	26	Flat Washer, 5/16
	902859	1	Bolt, Hex, 5/16-18 x 1 Gr 5
15	19.00799.7	1	Panel, Crop Guide (Optional)
16	19.00877.7	1	Roof End Sheet
	907120	25	Screw, Tek, #12-16 x 7/8
	09.70891	25	Flat Washer, 1/4 x 1 x 18 Ga
17	19.00926.7	1	Tube Weldment - Non-Dump Side (12 Ft)
	19.00928.7	1	Tube Weldment - Non-Dump Side (15 Ft)
18	19.00892.7	1	Roof Cross Tube
19	19.00880.7	1	Spacer, Roof Arm, 3.44"

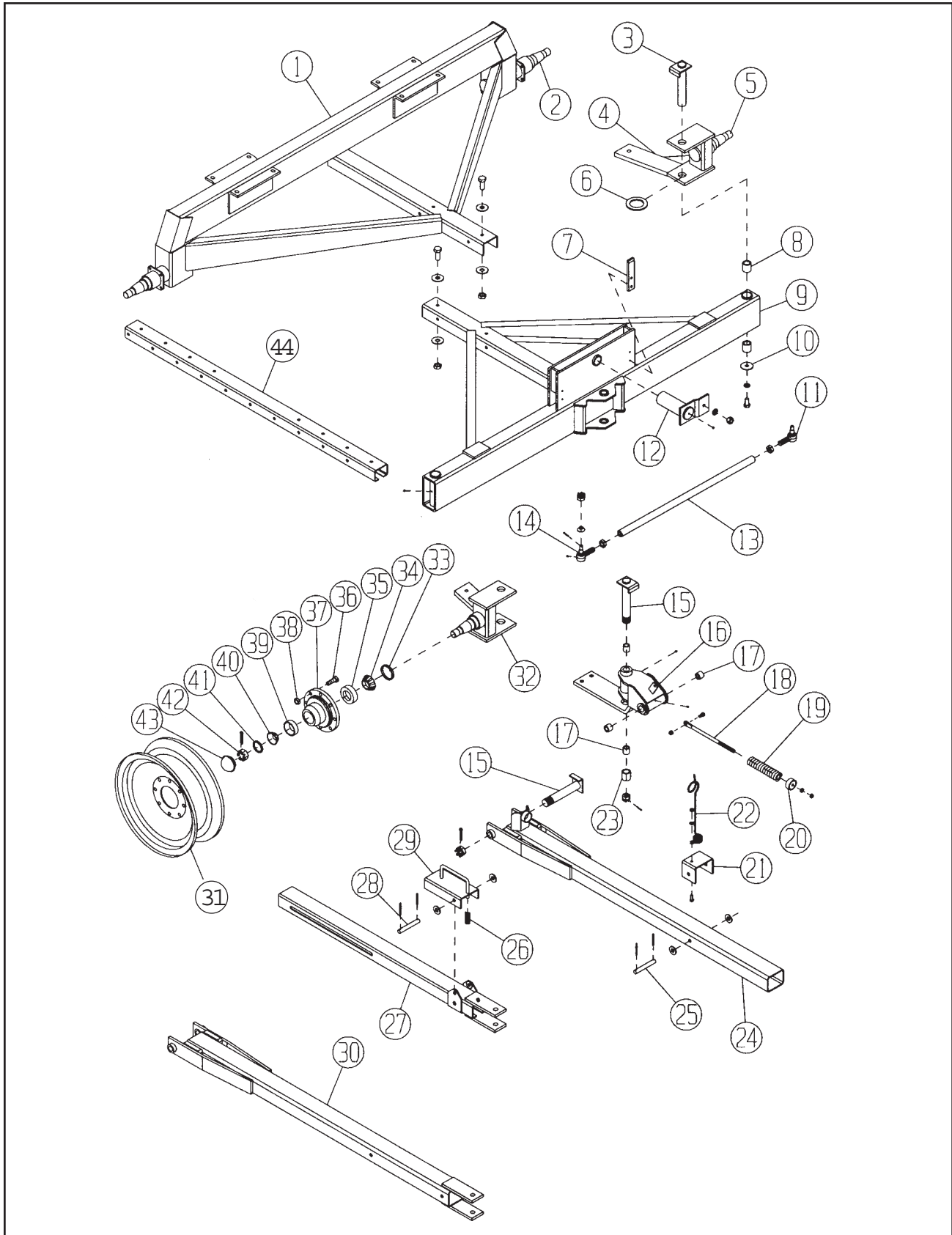
# Running Gear (4-Wheel)



## Running Gear (4-Wheel) Parts List

Item	Part No.	Quantity	Description
1	19.00860.7	1	Rear Axle Weldment, 96" Wheel Base
	19.00861.7	1	Rear Axle Weldment, 120" Wheel Base
	904253	4	Bolt, Hex, 5/8-11 x 2 Gr 5
	09.70954	8	Flat Washer, 5/8 HT
	906402	4	Nut, Hex, 5/8-11 Nyl Ins
2	19.00066	2	Spindle, 3 x 20.12
3	19.00665.7	2	King Pin Weldment
4	19.00915.7	1	Trunnion Weldment, LH, 96" Wheel Base
	19.00917.7	1	Trunnion Weldment, LH, 120" Wheel Base
5	19.00068	2	Spindle, 3 x 11.25
6	19.00480	2	Flat Washer, 3.12 x 4.75 x .25
7	19.00669	4	Wear Pad, Bolster
	09.71123	8	Screw, Cap, 5/16-18 x 1 BTN
8	19.00080	4	Bushing, 1-3/4 x 2-1/8 x 2
9	19.00919.7	1	Front Bolster Weldment, 96" Wheel Base
	19.00920.7	1	Front Bolster Weldment, 120" Wheel Base
	904253	4	Bolt, Hex, 5/8-11 x 2 Gr 5
	09.70954	8	Flat Washer, 5/8 HT
	906402	4	Nut, Hex, 5/8-11 Nyl Ins
10	902374	2	Fitting, Grease, 1/4-28, 45°
	22.37147	2	Flat Washer, .78 x 2.75 x .18
	900700	2	Lockwasher, 3/4
	904777	2	Bolt, Hex, 3/4-10 x 1-1/2 Gr 5
11	12.10303	2	Ball Joint Kit, LH (Includes Ball Joint, Boot, Nut, Pin & Fitting)
	12.10374	2	Nut, Jam, 1-16 LH
12	19.00642	1	Bolster Pin Weldment
	900538	1	Fitting, Grease, 1/4-28
	900497	1	Flat Washer, 1/2
	900506	1	Lockwasher, 1/2
	900369	1	Nut, Hex, 1/2-13
13	19.00868.7	2	Tie Rod, 96" Wheel Base
	19.00869.7	2	Tie Rod, 120" Wheel Base
14	12.10304	2	Ball Joint Kit, RH (Includes Ball Joint, Boot, Nut, Pin & Fitting)
	12.10375	2	Nut, Jam, 1-16
15	12.10606.7	2	Hitch Pin Weldment, 1-1/4 x 12-5/8
	904866	2	Nut, Hex Castle, 1-1/4-7
	09.73906	2	Pin, Cotter, 5/16 x 2-1/2
16	12.10665.7	1	Hitch Box Weldment
	900538	2	Fitting, Grease, 1/4-28
17	16.10645	4	Bushing, 1-1/4 x 1-1/2 x 2
18	12.10495	1	Bolt, 3/4 spade
	900372	2	Nut, Hex, 3/4-10
	900414	1	Bolt, Hex, 1/2-13 x 2 Gr 5
	906401	1	Nut, hex, 1/2-13 Nylock
19	12.10056	1	Spring, Compression
20	12.10497.7	1	Guide, Spring

# Running Gear (4-Wheel) continued

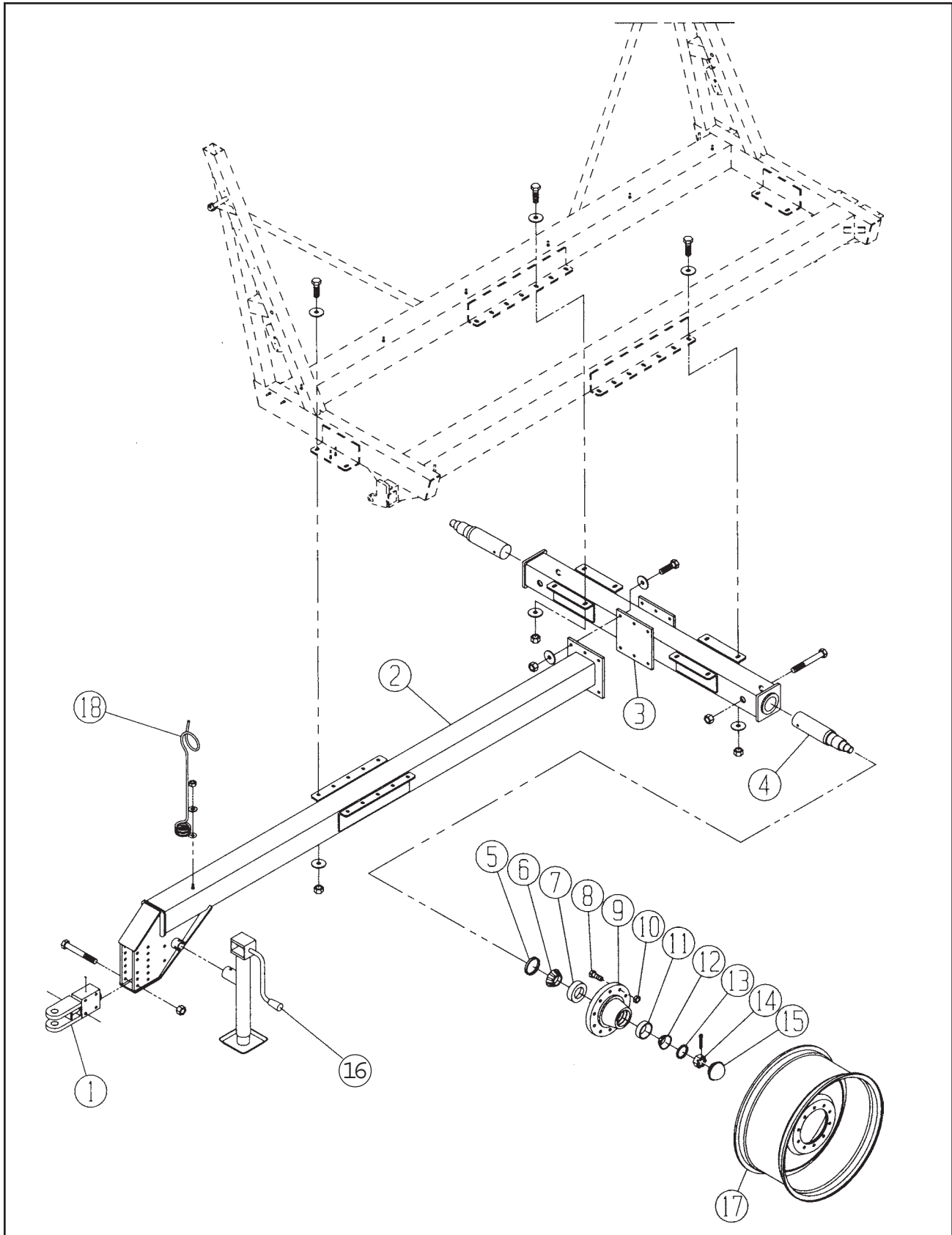


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## Running Gear (4-Wheel) Parts List continued

Item	Part No.	Quantity	Description
21	19.00713.7	1	Bracket, Hose Hanger
	902915	1	Flat Washer, 7/16
	09.70731	1	Nut, Hex, 7/16-14 Nyl Ins
	904871	1	Bolt, Hex, 7/16-14 x 1-1/4 Gr 5
22	07.06420.7	1	Bracket, Hose
23	12.10337.7	1	Spacer, Hitch Box
24	12.10598.7	1	Pole, Long
25	12.10388	1	Pin, 3/4 x 7
	09.72003	2	Pin, Roll, 3/16 x 2
	900499	2	Flat Washer, 3/4
26	12.10490	1	Spring, Compression
27	12.10603.7	1	Pole Extension
28	12.10388	1	Pin, 3/4 x 7
	09.72003	2	Pin, Roll, 3/16 x 2
	900499	2	Flat Washer, 3/4
29	12.10360.7	1	Adjuster
30	19.00784.7	1	Pole Weldment
31	19.00152	2	Wheel, 20 x W8B, 8 Bolt (Dump Side, Double Center)
	19.00156	2	Decal, Dump Side
	19.00304	2	Wheel, 20 x W8B, 8 Bolt (Non Dump Side, Single Center)
	19.818724	4	11.00 x 20 Used Military Tire
	19.00295	4	Inner Tube
	12.10506	4	Wheel, 22.5 x 13, 8 Bolt
	12.09999	4	Tire, 16.5L x 22.5 Used Truck
32	19.00916.7	1	Trunnion Weldment, RH, 96" Wheel Base
	19.00918.7	1	Trunnion Weldment, RH, 120" Wheel Base
33	19.00082	4	Seal, Oil, 3
34	19.00083	4	Bearing Cone, 2.250
35	19.00084	4	Bearing Cup, 2.250
36	19.00085	32	Stud, Wheel, 5/8-18 x 2-3/8
37	19.00081	4	Hub Assembly w/Cups & Studs (Includes Items 35, 36 & 39)
38	65.10125	32	Nut, Wheel, 5/8-18
39	65.10110	4	Bearing Cup, 1.625
40	65.10108	4	Bearing Cone, 1.625
41	65.10106	4	Flat Washer, 1.06 x 2.13 x .25
42	65.10104	4	Nut, Hex Slotted, 1-14 UNS
	901658	4	Pin, Cotter, 7/32 x 2-1/4
43	903205	4	Cap, Hub
44	12.10050.7	1	Reach - Short
			<b>Optional Wheels</b>
	12.00114	4	Wheel, 16.1 x 14 (Not Shown)
	19.00400	32	Nut, Wheel, Flanged (Not Shown)
	12.10506	4	Wheel, 22.5 x 13 (Not Shown)
	19.00400	32	Nut, Wheel, Flanged (Not Shown)

# Cart (2-Wheel)

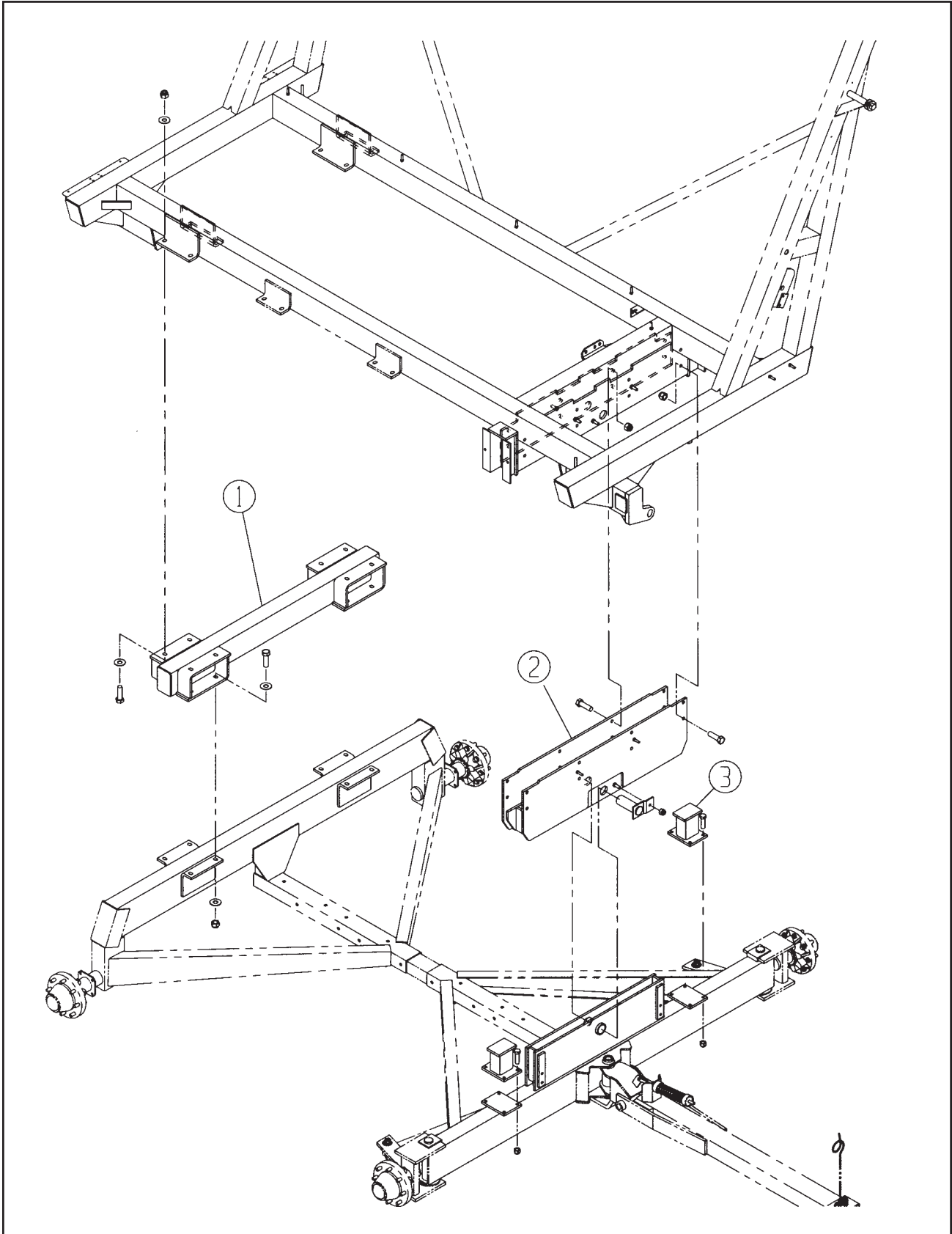


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## Cart (2-Wheel) Parts List

Item	Part No.	Quantity	Description
1	19.01057.7	1	Tongue Weldment - 15 Ft Cart
	907078	4	Bolt, Hex, 3/4-10 x 7-1/2 Gr 5
	906349	4	Nut, Hex Lock, 3/4-10 Nyl Ins
	903993	1	Fitting, Grease, 1/4-28, 90°
2	19.01024.7	1	Hitch Weldment - 15 Ft Cart
	903423	4	Bolt, Hex, 3/4-10 x 2-1/2 Gr 5
	900499	8	Flat Washer, 3/4
	906349	4	Nut, Hex Lock, 3/4-10 Nyl Ins
3	19.01039.7	1	Axle Weldment - 15 Ft Cart
	903423	8	Bolt, Hex, 3/4-10 x 2-1/2 Gr 5
	900499	16	Flat Washer, 3/4
	906349	8	Nut, Hex Lock, 3/4-10 Nyl Ins
	09.71756	6	Bolt, Hex, 3/4-10 x 3 Gr 5
	900499	12	Flat Washer, 3/4
4	19.01002	2	Spindle - 4.5 OD x 21.25
	907137	2	Bolt, Hex, 5/8-11 x 7-1/2 Gr 5
	906402	2	Nut, Hex Lock, 5/8-11 Nyl Ins
5	19.01121	2	Seal, Oil, 4.375
6	19.01122	2	Bearing Cone, 3.54
7	19.01123	2	Bearing Cup, 3.54
8	19.01124	20	Stud, Wheel, 3/4-16 x 2-13/16
9	19.01125	2	Hub Assembly w/Cups & Studs (Includes Items 7, 8 & 11)
10	19.01126	20	Nut, Wheel, 3/4-16 Flange
11	19.01128	2	Bearing Cup, 2.62
12	19.01127	2	Bearing Cone, 2.62
13	19.01129	2	Flat Washer, 2.06 x 4.00 x .25
14	19.01130	2	Nut, Hex Slotted, 2-12 UNS
	19.01131	2	Pin, Cotter, 5/16 x 3-1/2
15	19.01132	2	Cap, Hub
16	24.90180	1	Jack, 7000 lb
17	19.01004	2	Wheel, 38 x 18, 10 Bolt, Cart
18	07.06420.7	1	Bracket, Hose
	906400	1	Nut, Hex Lock, 3/8-16 Nyl Ins
	900495	2	Flat Washer, 3/8

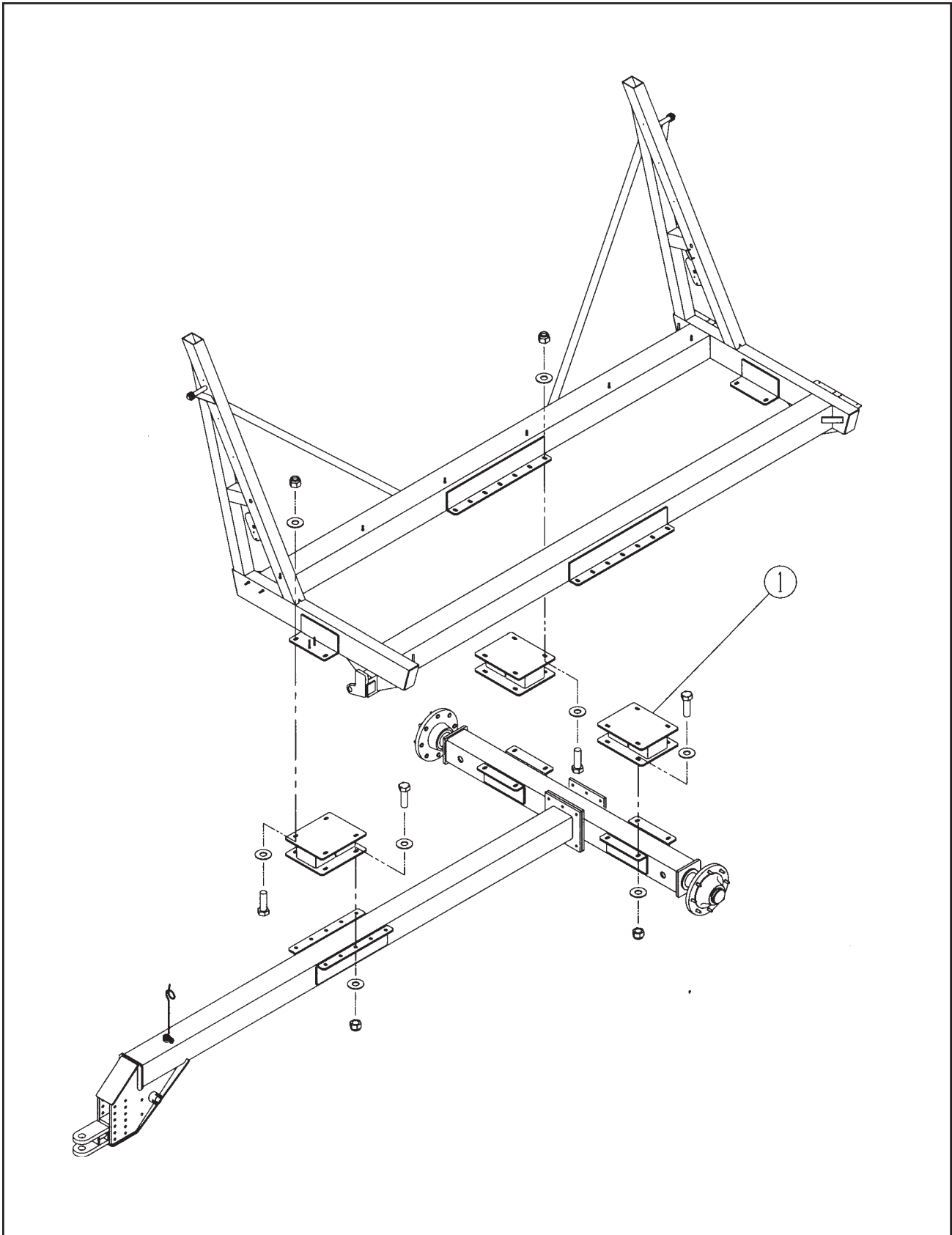
# 6" Riser Kit (4-Wheel Running Gear)





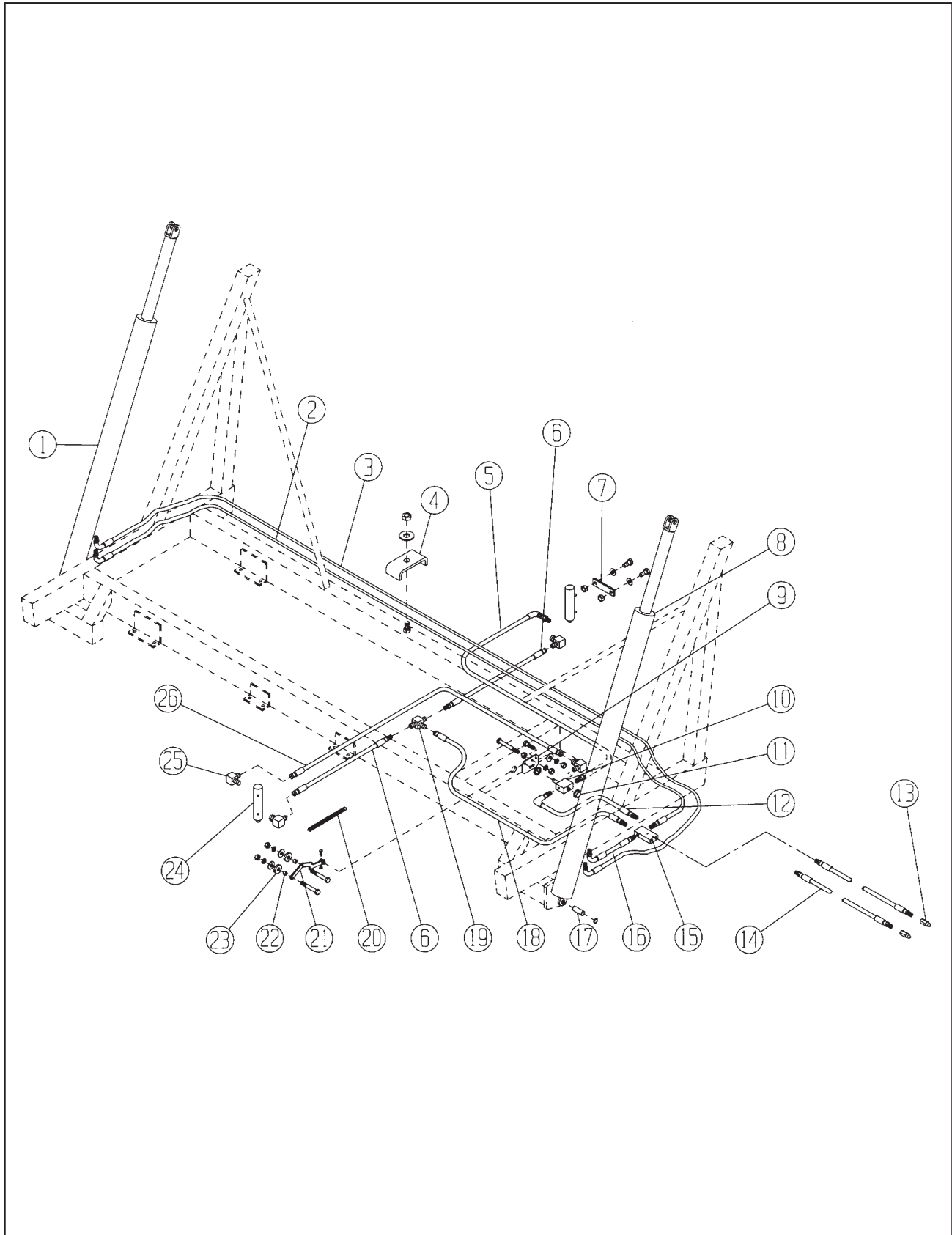


# 6" Riser Kit (Cart Style)





# Hydraulic System (4-Wheel Running Gear)

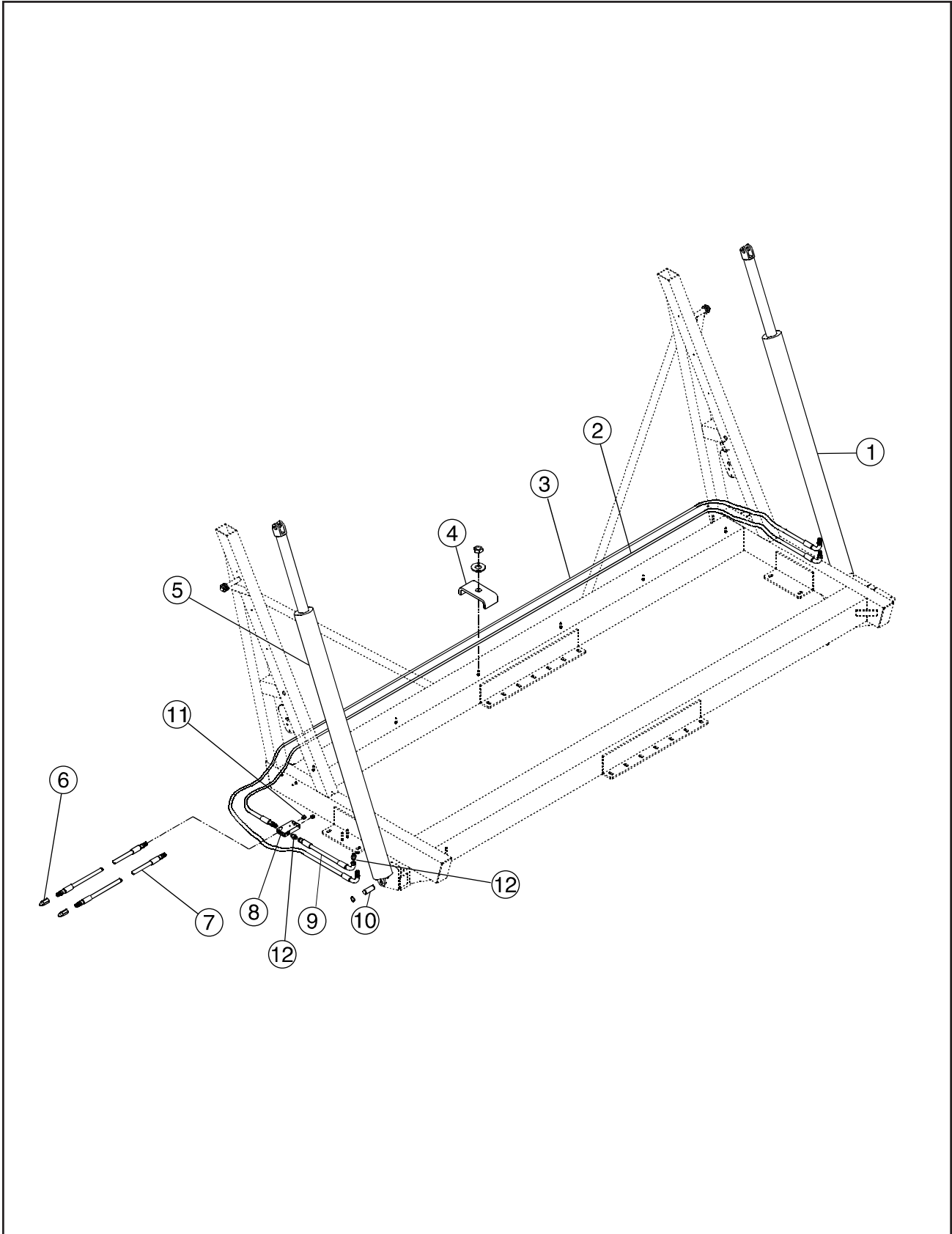


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## Hydraulic System (4-Wheel Running Gear) Parts List

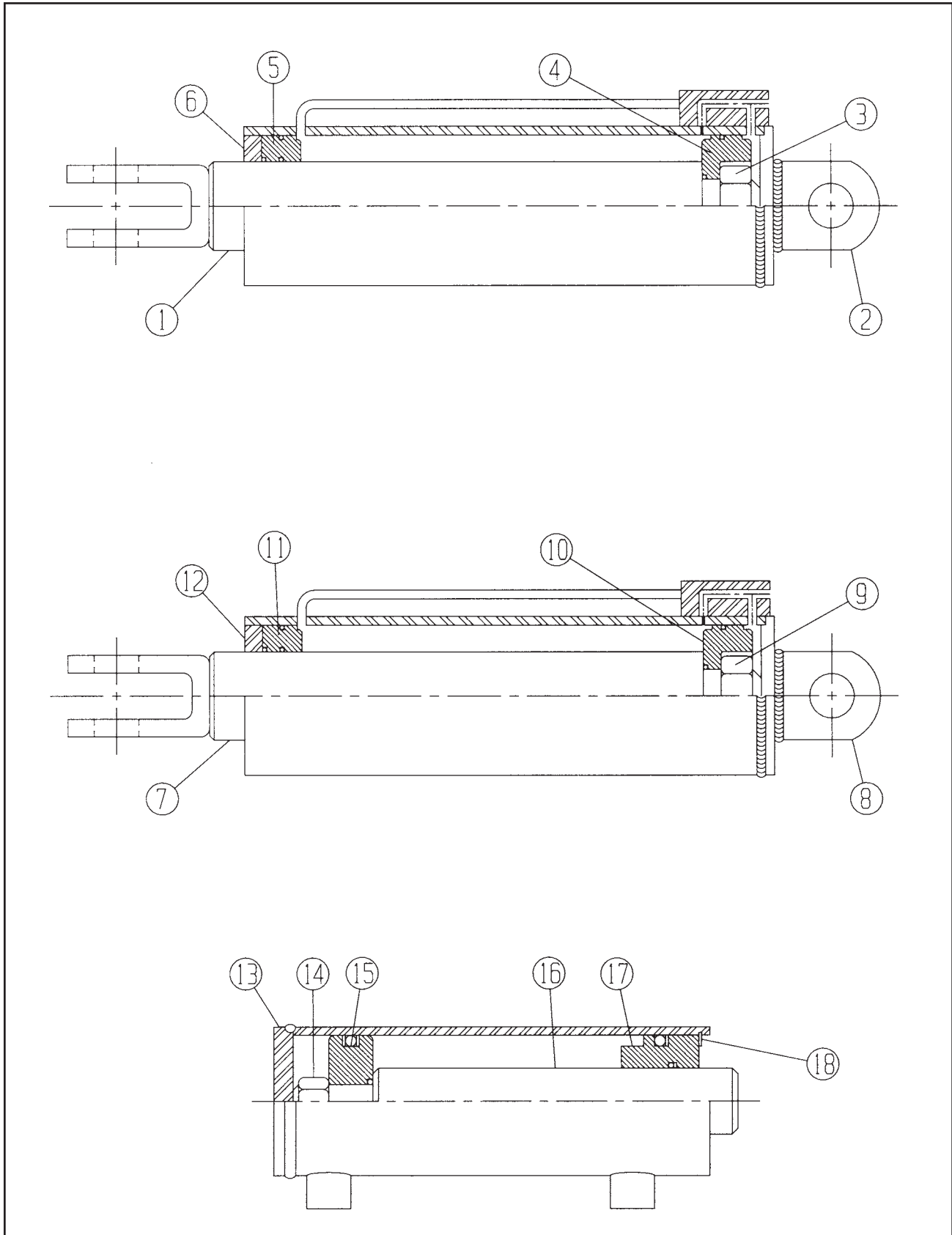
Item	Part No.	Quantity	Description
1	19.00863.7	1	Cylinder, 5.0 x 80.5 x 3
2	19.00154	1	Hose Assembly, 210" (12 Ft)
	19.00157	1	Hose Assembly, 250" (15 Ft)
3	19.00045	1	Hose Assembly, 245" (12 Ft)
	19.00153	1	Hose Assembly, 284" (15 Ft)
4	322848B1.7	10	Clip, Hydraulic Line
	901105	10	Flat Washer, 3/8
	902291	10	Nut, Hex Lock, 3/8-16 Nyl Ins
5	19.800206	1	Hose Assembly, 37"
6	19.00998	2	Hose Assembly, 36"
7	19.00520.7	2	Strap, Stabilizer
	902928	4	Bolt, Hex, 1/2-13 x 1-1/4 Gr 5
	900506	4	Lockwasher, 1/2
	900369	4	Nut, Hex, 1/2-13
8	19.00898.7	1	Cylinder, 4.0 x 80.5 x 2.5
9	19.00716.7	1	Plate, Valve
	902928	2	Bolt, Hex, 1/2-13 x 1-1/4 Gr 5
	901937	2	Flat Washer, 1/2
	900506	2	Lockwasher, 1/2
	900369	2	Nut, Hex, 1/2-13
	902675	1	Bolt, Hex, 1/2-13 x 3 Gr 5
	903772	2	Nut, Hex, 1/2-13 Whiz
10	19.00997	1	Stabilizer Valve Assembly
11	19.00684	2	Bushing, Valve
12	19.01000	1	Hose Assembly, 64"
13	07.19044	2	Male Pioneer, 1/2" Coupler
14	19.00571	2	Hose Assembly, 120"
15	19.00995	1	Hydraulic Manifold, SAE Ports
16	19.00155	1	Hose Assembly, 19"
17	19.00630	2	Cylinder Mount Pin, 1.25 x 3.50 (S/N 19.00645 & Down)
	19.01160	2	Cylinder Mount Pin, 1.25 x 4.00 (S/N 19.00650 & Up)
	19.00023	4	Retaining Ring, 1-1/4 Ext, Heavy
18	19.00999	1	Hose Assembly, 24"
19	09.74123	1	Fitting, Tee, 37° Flare, 3/4-16
20	19.00149	1	Spring, Extension, 1.125 x .12 x 12
21	19.00251.7	1	Arm Weldment
	902603	1	Bolt, Hex, 5/16-18 x 2 Gr 5
	906483	1	Nut, Hex Lock, 5/16-18 Nyl Ins
22	19.00278	2	Spacer, .56 x 1.00 x .62
23	19.00151	2	Roller, UHMW
	902050	2	Bolt, Hex, 1/2-13 x 2 Gr 5
	900497	2	Flat Washer, 1/2
	900506	2	Lockwasher, 1/2
	900369	2	Nut, Hex, 1/2-13
24	19.01165.7	2	Cylinder, 3 x 6 x 1.5
25	07.17946	3	Fitting, 90° Elbow, 37° Flare - Orb
26	19.00569	1	Hose Assembly, 57"

# Hydraulic System (2-Wheel Cart)





# Hydraulic Cylinder (Fisher Hydraulics) S/N 19.00580 to 19.00645



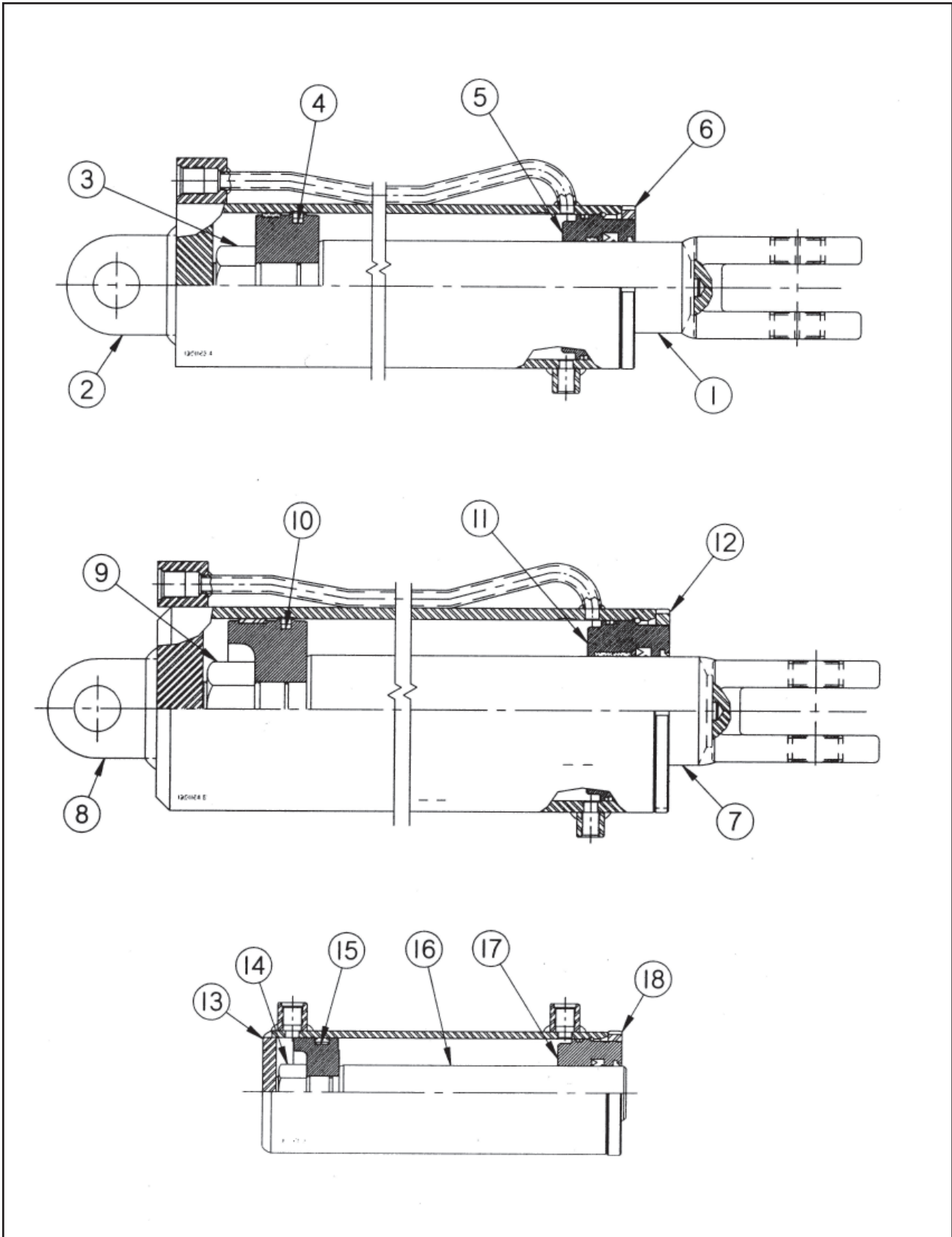


# MILLER PRO

## Hydraulic Cylinder (Fisher Hydraulics) S/N 19.00580 to 19.00645 Parts List

Item	Part No.	Quantity	Description
			4" HYDRAULIC CYLINDER FISHER HYDRAULICS 19.00898 (Replaced by 19.01164.7 & 19.01172)
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With External Threads On The Rod End.</b>
1	19.01009	1	Piston Rod, 4 x 80.5 x 2.50 Cyl
2	NSS	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, External Thread
	19.00056	1	Seal Kit
			5" HYDRAULIC CYLINDER FISHER HYDRAULICS 19.00863 (Replaced by 19.01163.7 & 19.01172)
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With External Threads On The Rod End.</b>
7	19.01011	1	Piston Rod, 5 x 80.5 x 3 Cyl
8	NSS	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, External Thread
	19.00055	1	Seal Kit
			3" STABILIZER CYLINDER FISHER HYDRAULICS 19.00461 (Replaced by 19.01165.7)
			<b>Identification Feature - Cylinder Assembly Has An Internal Snap Ring On The Rod End.</b>
13	NSS	1	Butt & Tube Assembly
14	19.00743	1	Nut
15	19.00744	1	Piston
16	19.00741	1	Piston Rod
17	19.00745	1	Gland
18	19.00746	1	Snap Ring
	19.00747	1	Seal Kit

# Hydraulic Cylinder (Energy Mfg.) S/N 19.00650 & Up

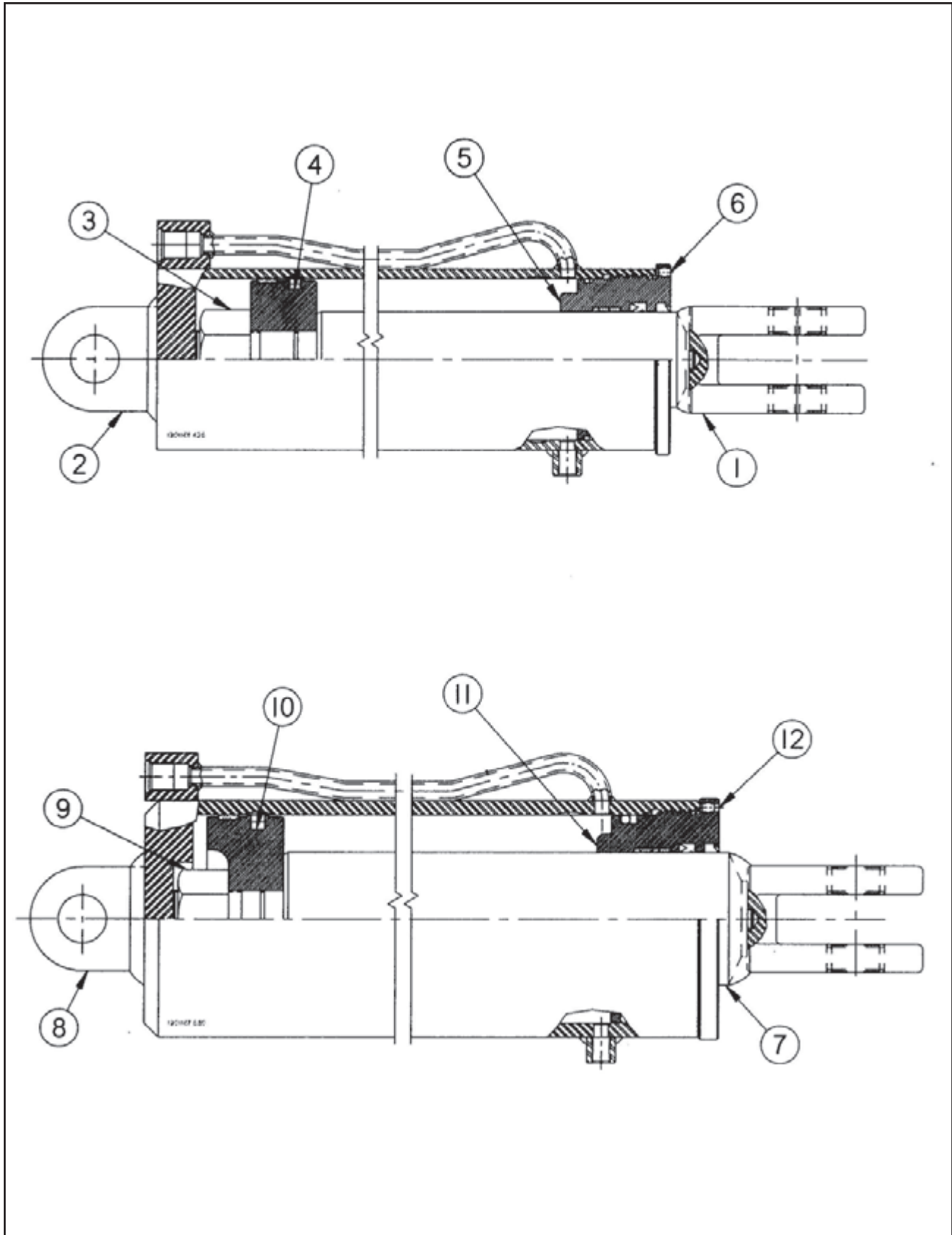


# MILLER PRO

## Hydraulic Cylinder (Energy Mfg.) S/N 19.00650 & Up Parts List

Item	Part No.	Quantity	Description
			4" HYDRAULIC CYLINDER ENERGY MFG 19.01164.7
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With Internal Threads On The Rod End.</b>
1	19.01173	1	Piston Rod, 4 x 80.5 x 2.50 Cyl
2	NSS	1	Butt & Tube Assembly, 4 x 80.5 x 2.5 Cyl
3	19.01174	1	Nut
4	19.01175	1	Piston
5	19.01176	1	Gland
6	19.01177	1	Locking Ring, Internal Thread
	19.01178	1	Seal Kit
			5" HYDRAULIC CYLINDER ENERGY MFG 19.01163.7
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With Internal Threads On The Rod End.</b>
7	19.01179	1	Piston Rod, 5 x 80.5 x 3 Cyl
8	NSS	1	Butt & Tube Assembly, 5 x 80.5 x 3 Cyl
9	19.01180	1	Nut
10	19.01181	1	Piston
11	19.01182	1	Gland
12	19.01183	1	Locking Ring, Internal Thread
	19.01184	1	Seal Kit
			3" STABILIZER CYLINDER ENERGY MFG 19.01165.7
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With Internal Threads On The Rod End.</b>
13	NSS	1	Butt & Tube Assembly
14	19.01186	1	Nut
15	19.01185	1	Piston
16	19.01187	1	Piston Rod
17	19.01188	1	Gland
18	19.01189	1	Snap Ring
	19.01190	1	Seal Kit

# Hydraulic Cylinder (Energy Mfg.) Optional Special Large Diameter Cylinders

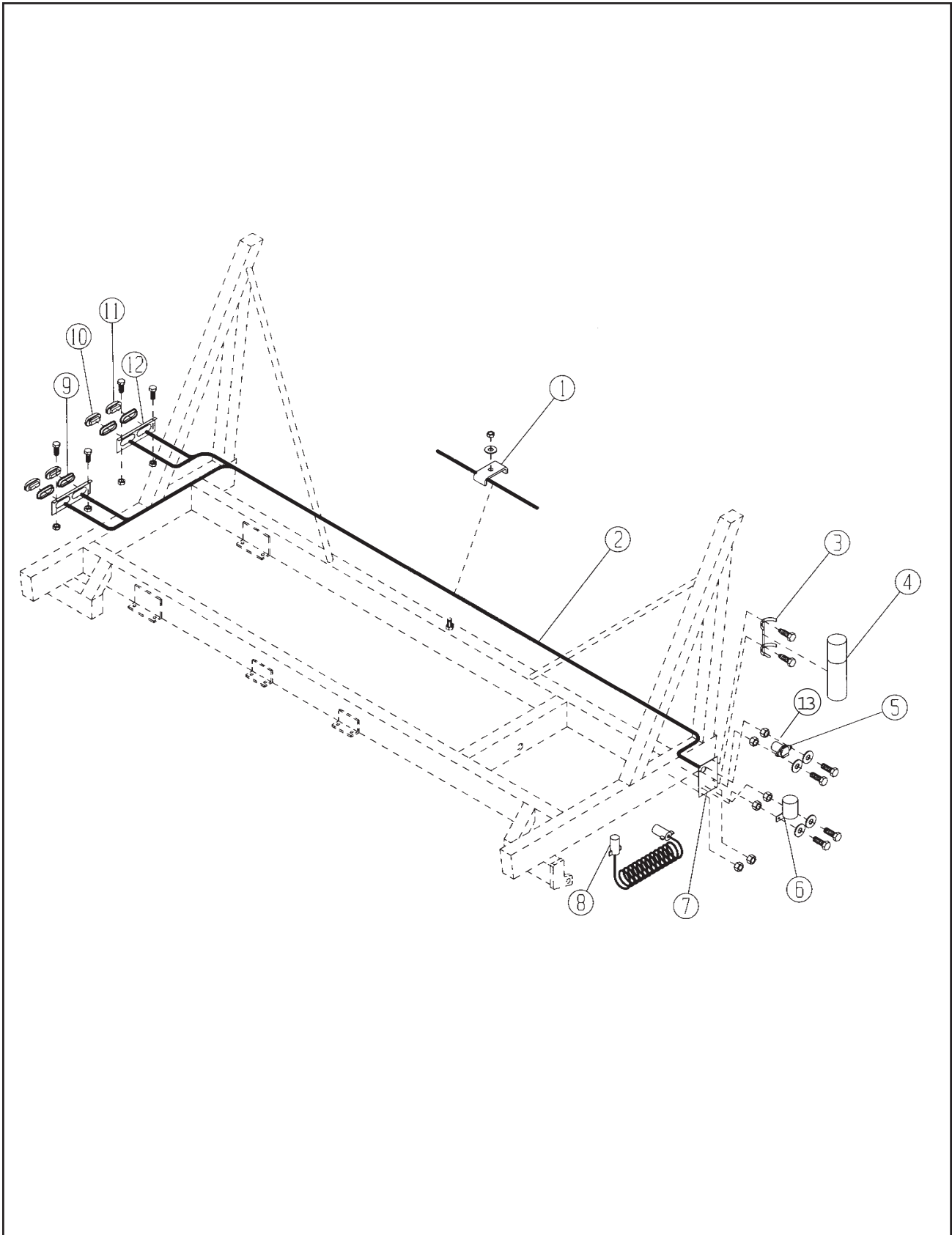


# MILLER PRO

## Hydraulic Cylinder (Energy Mfg.) Optional Special Large Diameter Cylinders Parts List

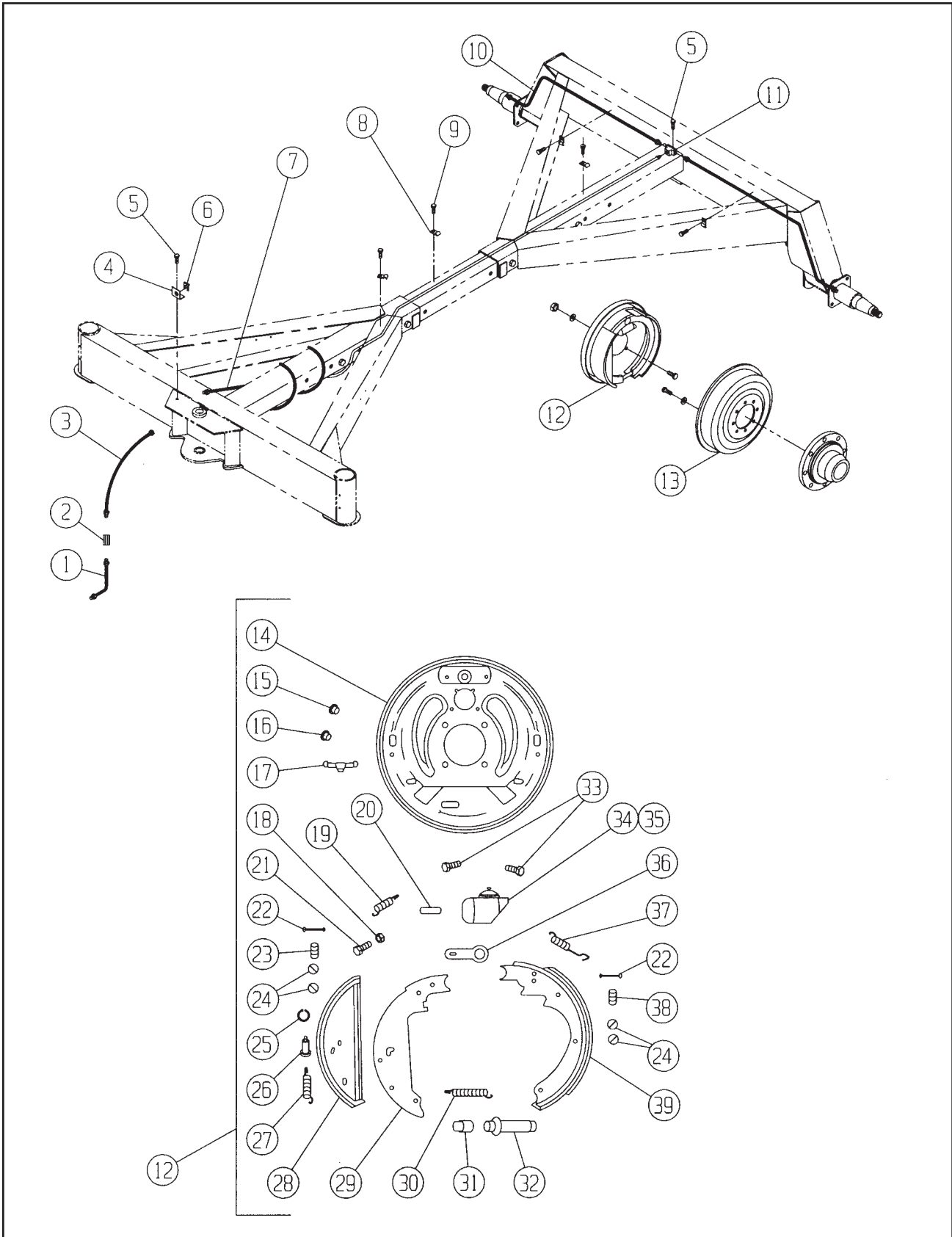
Item	Part No.	Quantity	Description
			4.25" HYDRAULIC CYLINDER ENERGY MFG 19.01168.7
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With Internal Threads On The Rod End.</b>
1	19.01191	1	Piston Rod, 4.25 x 80.5 x 2.50 Cyl
2	NSS	1	Butt & Tube Assembly, 4.25 x 80.5 x 2.5 Cyl
3	19.01192	1	Nut
4	19.01193	1	Piston
5	19.01194	1	Gland
6	19.01195	1	Locking Ring, Internal Thread
	19.01196	1	Seal Kit
			5.50" HYDRAULIC CYLINDER ENERGY MFG 19.01167.7
			<b>Identification Feature - Cylinder Assembly Has A Locking Ring With Internal Threads On The Rod End.</b>
7	19.01197	1	Piston Rod, 5.50 x 80.5 x 3.5 Cyl
8	NSS	1	Butt & Tube Assembly, 5.50 x 80.5 x 3.50 Cyl
9	19.01198	1	Nut
10	19.01199	1	Piston
11	19.01200	1	Gland
12	19.01201	1	Locking Ring, Internal Thread
	19.01202	1	Seal Kit

# Electrical





# Brakes

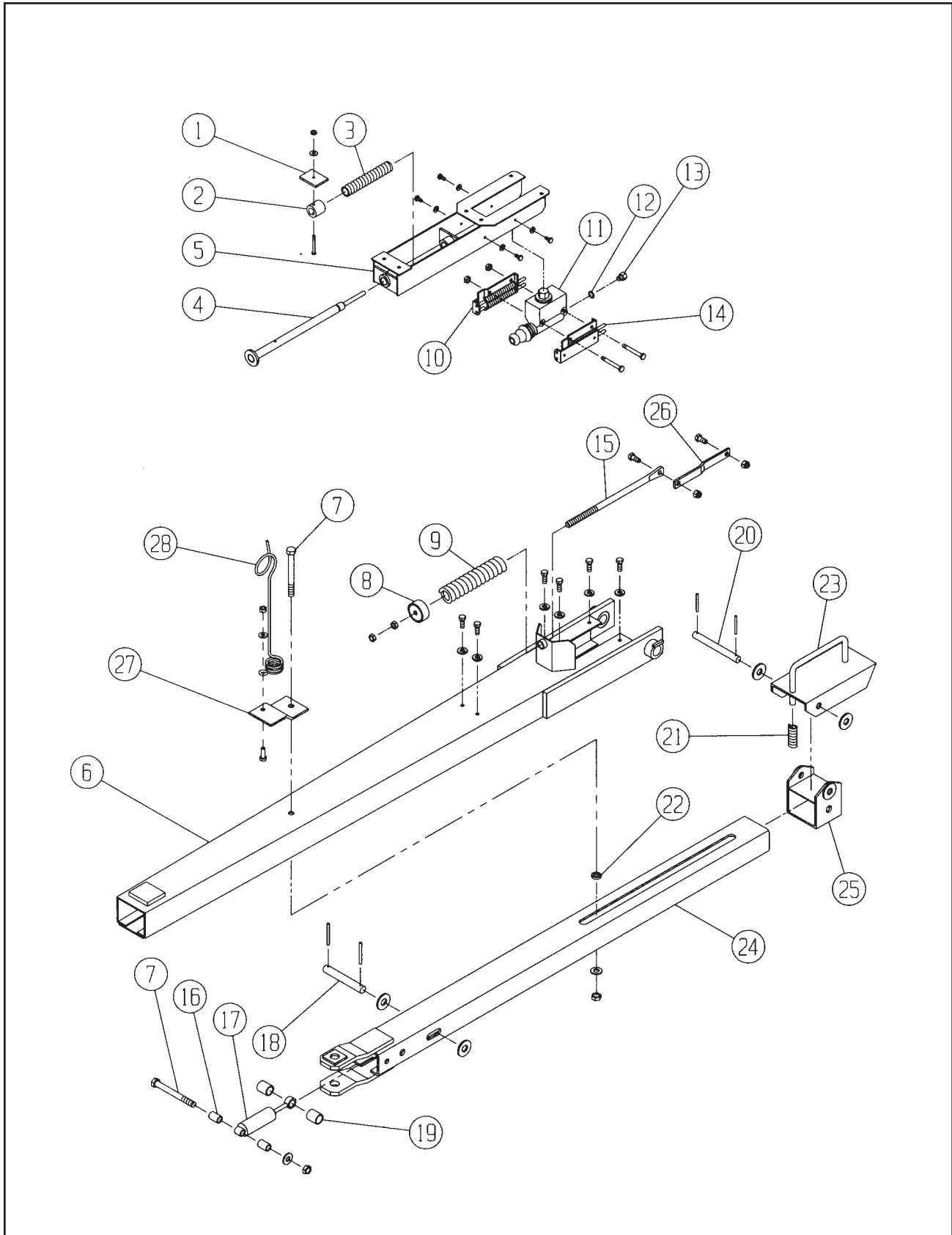




## Brakes Parts List

Item	Part No.	Quantity	Description
1	12.10458	1	Tube, 4-1/2
2	12.10445	1	Union
3	12.10446	1	Hose, 18-7/8
4	12.10448	1	Bracket, Hose
5	09.71112	2	Bolt, Hex, 5/16-18 x 3/4 Self Tap
6	12.10449	1	Hose Clip
7	12.10450	1	Brake Line, 15'
8	12.10454	8	Clip, Brake Line
9	903810	8	Screw, #10 x 3/4 Self Tap
10	12.10451	2	Brake Line, 53"
11	12.10447	1	Tee, w/Bracket
12	903193	1	Brake, Left Backing Plate Assembly
	903292	4	Bolt, Hex, 1/2-20 x 1 Gr 5
	900506	4	Lockwasher, 1/2
	09.70738	4	Nut, Hex, 1/2-20
	903192	1	Brake, Right Backing Plate Assembly (Not Shown)
	903292	4	Bolt, Hex, 1/2-20 x 1 Gr 5
	900506	4	Lockwasher, 1/2
	09.70738	4	Nut, Hex, 1/2-20
13	12.10397.5	2	Brake Drum, 13", 2-3/4 Spindle
	903292	16	Bolt, Hex, 1/2-20 x 1 Gr 5
	900506	16	Lockwasher, 1/2
14	12.10460	2	Back Plate Assembly
15	12.10485	2	Plug, Plastic
16	903259	2	Plug, Plastic
17	903246	2	Cover Plate, Adjusting Hole
18	903936	2	Nut, Hex Lock, 5/16
19	903240	2	Spring, Front Lever (Red)
20	903238	2	Push Rod, Wheel Cylinder
21	903827	2	Bolt, Travel Link
22	903242	4	Pin, Shoe Hold Down
23	903244	2	Spring, Front Lever (Yellow)
24	903243	8	Cup, Shoe Hold Down
25	902854	2	Retaining Ring
26	12.10482	2	Pin, Front Side
27	903258	2	Spring, Front Shoe
28	903229	2	Front Brake Shoe Assembly
29	903230	2	Front Shoe Lever
30	903239	2	Spring, Adjusting Screw (Yellow)
31	903237	2	Socket, Adjusting Screw
32	12.10467	2	Adjusting Screw & Pivot Nut
33	12.10466	4	Screw & Lockwasher
34	903232	1	Wheel Cylinder Assembly, Right
35	903233	1	Wheel Cylinder Assembly, Left
36	903255	2	Travel Link
37	903241	2	Spring, Rear Shoe (Orange)
38	903245	2	Spring, Rear Hold Down (Black)
39	903231	2	Rear Shoe Assembly

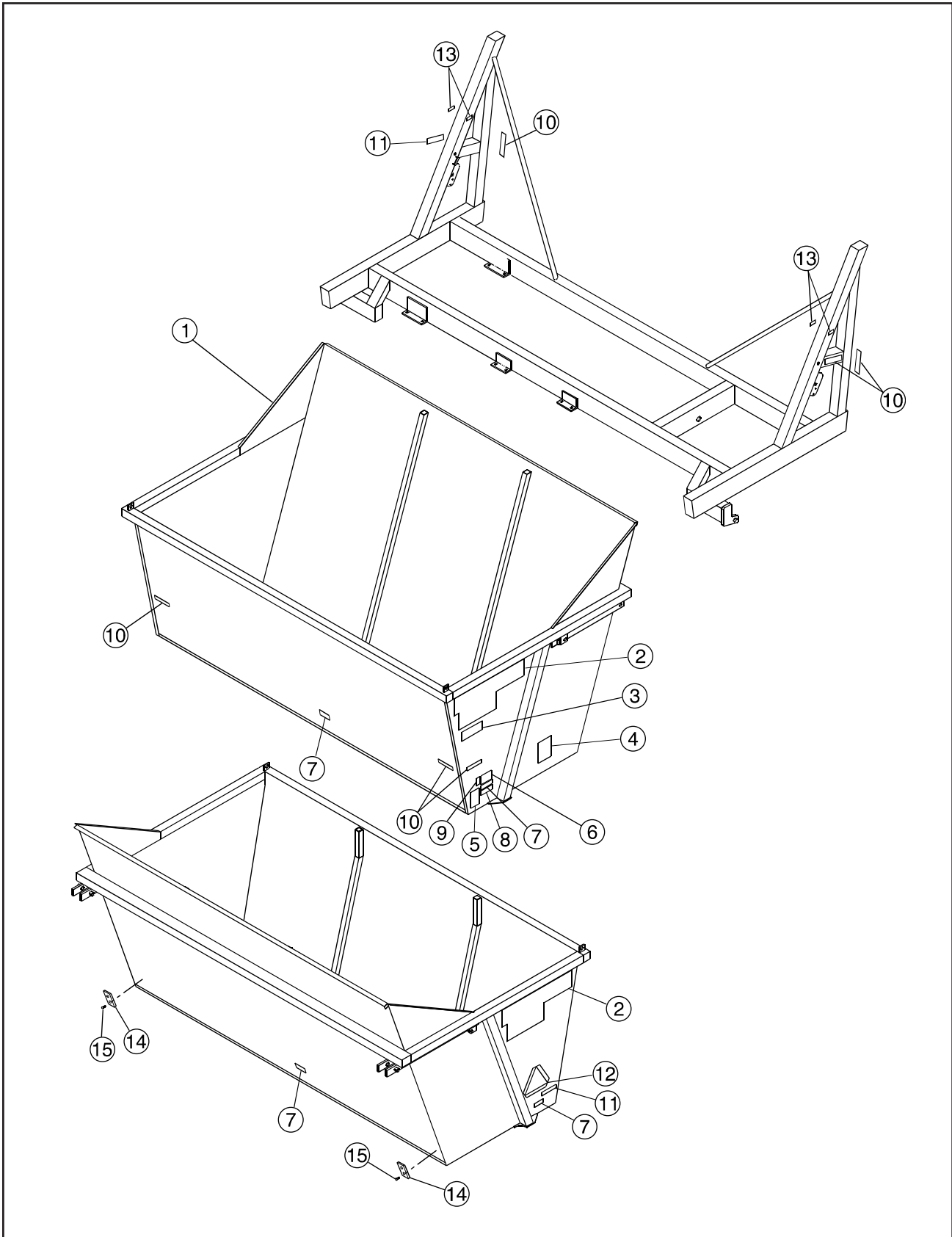
# Brake Pole



## Brake Pole Parts List

Item	Part No.	Quantity	Description
1	12.10438.5	1	Stop, Inner Bearing
2	12.10433.5	1	Bushing, Bracket Inner
	09.71075	1	Bolt, Hex, 1/4-20 x 2-1/4 Gr 5
	900502	1	Lockwasher, 1/4
	904092	1	Nut, Hex Lock, 1/4-20 Nyl Ins
3	110090A1	1	Spring, Compression
4	12.10434	1	Push Rod, Brake
5	12.10407.5	1	Support, Brake
	900389	4	Bolt, Hex, 5/16-18 x 1/2
	900503	4	Lockwasher, 5/16
6	12.10415.5	1	Pole, Brake
	900397	6	Bolt, Hex, 3/8-16 x 1 Gr 5
	900504	6	Lockwasher, 3/8
7	904217	2	Bolt, Hex, 5/8-11 x 5 Gr 5
	900498	2	Flat Washer, 5/8
	906402	2	Nut, Hex Lock, 5/8-11 Nyl Ins
8	12.10497.7	1	Guide, Spring
9	12.10056	1	Spring, Compression, .38 x 2.0 x 9.25
10	903280	1	Cylinder Brake Assembly, Right
11	12.10440.5	1	Master Cylinder
	902831	2	Bolt, Hex, 3/8-16 x 3 Gr 5
	906400	2	Nut, Hex Lock, 3/8-16 Nyl Ins
12	903212	1	Gasket, Brake
13	903216	1	Connector, Brake
14	903281	1	Cylinder Brake Assembly, Left
15	12.10495	1	Bolt, Spade, 3/4
	900372	2	Nut, Hex, 3/4-10
	900414	2	Bolt, Hex, 1/2-13 x 2 Gr 5
	906401	2	Nut, Hex Lock, 1/2-13 Nyl Ins
16	12.10406.5	2	Spacer, Shock Absorber
17	12.10443.5	1	Shock Absorber, Brake
18	12.10436	1	Pin, 7/8 Brake
	09.70970	2	Flat Washer, 7/8
	09.72003	2	Pin, Roll, 3/16 x 2
19	12.10414.5	2	Spacer, Shock Absorber
20	12.10388	1	Pin, 3/4 x 7
	900499	2	Flat Washer, 3/4
	09.72003	2	Pin, Roll, 3/16 x 2
21	12.10490	1	Spring, Compression
22	12.10048.5	1	Spacer
23	12.10360.7	1	Adjuster
24	12.10410.5	1	Pole, Extension, Brake
25	12.10405.5	1	Pivot, Adjuster, Brake
26	12.10674.5	1	Link, Offset
27	19.00726.7	1	Hose Bracket, Brake Pole
	904871	1	Bolt, Hex, 7/16-14 x 1-1/4 Gr 5
	902915	1	Flat Washer, 7/16
	09.70731	1	Nut, Hex, 7/16-14
28	07.06420.7	1	Hose Bracket

# Tank And Decals





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