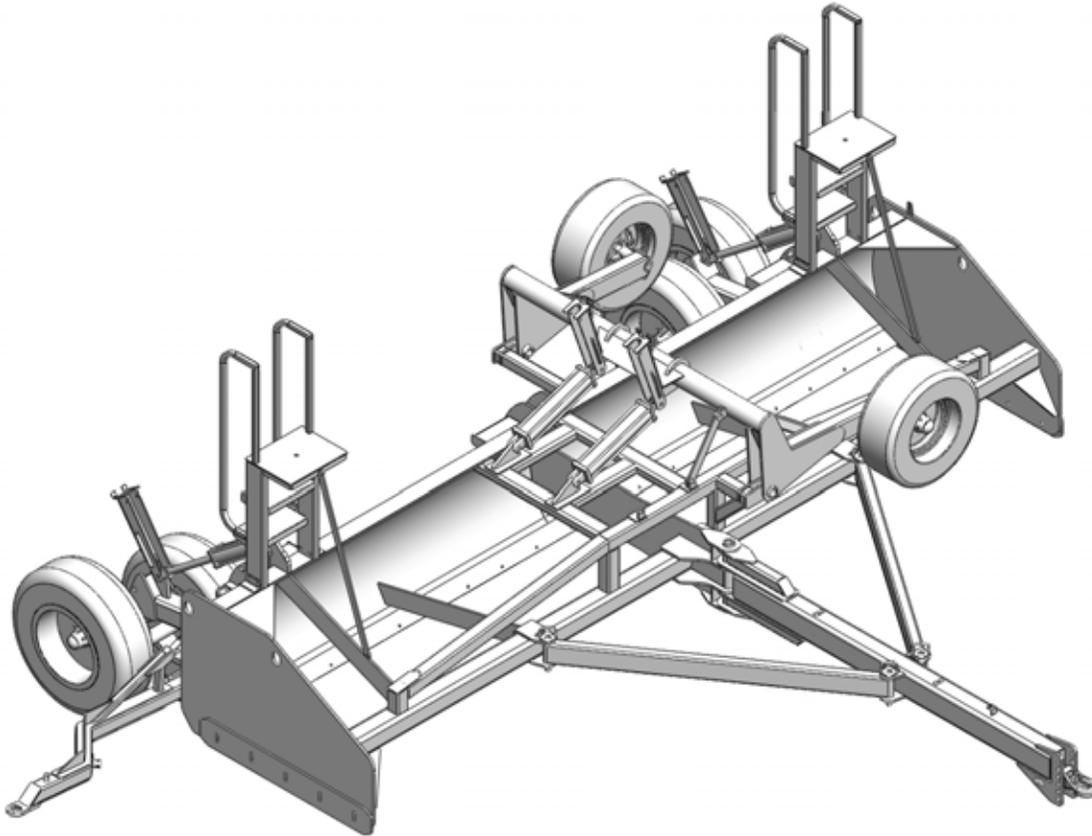


SCHMEISER[®]
PRECISION FINISHING
SCRAPER
10 FT. to 24 FT. WIDE



ASSEMBLY & PARTS MANUAL

T.G. SCHMEISER CO., INC.

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INTRODUCTION

Your Schmeiser Finishing Scraper is designed to give you many years of dependable service. This manual has been prepared to instruct you in the safe and efficient operation of this machine. Read and study it thoroughly. Follow all instructions carefully.

Should your Finishing Scraper require replacement parts, go to your Schmeiser dealer. Always order genuine Schmeiser replacement parts.

It is important that you complete and send in your Warranty Card because it is not valid unless it is on file at Schmeiser. If you need information not contained in this manual, contact your Schmeiser dealer.

Space has been provided below for you to record the model number and serial number of your Finishing Scraper. Be sure to bring this information with you to your dealer when ordering parts or attachments for your Finishing Scraper.

Thank you for buying a Schmeiser Finishing Scraper.

SERIAL NUMBER _____

MODEL NUMBER _____

DATE PURCHASED _____

DEALER NAME _____

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SAFETY

The safe operation of any machinery is an important concern to farmers and manufactures. There are obvious and hidden potential hazards involved in the operation of this implement. Carefully read and follow all safety precautions before operation. Serious injury or death may occur unless care is taken to insure the safety of both the operator and any other persons in the area.

1. This is a rear-mounted implement that removes weight from the front wheels of the tractor and can cause loss of steering with possible overturn. Add front-end weight until at least 20% of tractor original weight is on the front wheels when leveler is in transport position for steering and prevention of bodily injury. When on rough surfaces, transport slowly to prevent bouncing front wheels off surface with loss of steering and possible injury.
2. Be especially careful when transporting on slopes. Never turn uphill in transport except at slow speed and a low rate of turn. Never transport or operate this machine on steep slopes.
3. Never permit anyone to ride on or walk beside the implement when moving.
4. Never permit anyone to ride on tractor when implement is being moved.
5. Never allow anyone to be near the implement when performing operating functions with implement or tractor.
6. Do not enter tractor when tractor is moving. Avoid serious injury or death from contact with rotating tires. Enter and exit the tractor only when it is completely stopped.
7. When in transport, use accessory lights and devices for adequate warning to operators of other vehicles. Comply with all Federal, State, and local laws when traveling on public roads.
8. Use "Slow Moving Vehicle" emblem for warning vehicles approaching from the rear.
9. When transporting, remember that the implement may be wider than your tractor and extreme care must be taken to allow for safe clearance.
10. Never allow inexperienced or untrained personnel to operate the implement or tractor without supervision.
11. When using compressed air to clean implement, wear safety glasses.
12. Check all fasteners for tightness or damage before and after operation. Repair immediately if required.
13. Store implement in a stable position.



1. Select a smooth, level area approximately 26 feet wide and 26 feet long.
2. Position main frame on the ground on wooden blocks and center in the area with the open bucket facing the direction that the machine is to be pulled.
3. Position and attach tongue to the main frame with (8) 1" x 3" NC Cap Screws and with lock washers and hex nuts.
4. Hoist and attach left brace and right brace with (4) 1" x 2-1/2" NC Cap Screws with lock washers and hex nuts on each side. See page 10 for reference.
5. Install (2) 4" x 16" Tie Rod Hydraulic Cylinders on the main bucket. Connect cap ends of the cylinders (bottom ends) to the cylinder anchors on the main bucket using cylinder lockout pins with cotter pins.
6. Using hoist, pick up right side portion of wheel axle, align cylinder anchor on the wheel axle with cylinder anchor on the main bucket. Connect wheel axle and main bucket using 2" pivot pins with 3/8" x 3-1/2" NC cap screw, lock washer, and hex nuts. Refer to page 12 for details.
7. Using hoist, pick up left side portion of wheel axle, align adjustment bolt on the wheel axle with cylinder anchor on the main bucket. Connect wheel axle and main bucket using 2" pivot pins. Refer to page 13 for details.
8. Connect rod ends of the hydraulic cylinders to the flip lockout bars and wheel axle (right side -to the wheel axle cylinder anchor, left side - to the wheel axle adjustment bolt) using 1" x 5-1/2" Gr. 8 NC cap screws with nylon lock hex nuts.
9. Attach walking beam assemblies to the wheel axle. Use 2" pivot pins. See drawing on page 14 for proper installation.
10. For units 16' and smaller, mount 13.5x13 tires to the spindles on the walking beams. Mount 16.5x16 tires for 18' and larger units. Insure that valve stems are to the inside. Tighten all bolts securely.
11. Mount laser tower(s) to the main bucket using (4) 3/4" x 4" NC Cap Screws with lock washers and hex nuts for each tower. Refer to page 20 for details. Mount GPS tower to the main bucket using (4) 3/4" x 2" NC Cap Screws with lock washers and hex nuts.
12. Install main bucket blades using 5/8" x 2-1/4" NC Plow Bolts with lock washers and hex nuts. See page 9 for details.
13. Install adjustable side blades using 5/8" x 2-1/2" NC Cap Screws with flat washers, lock washers, and hex nuts. See page 9 for details.



1. Select a smooth, level area approximately 30 feet wide and 30 feet long.
2. Position main frame on the ground on wooden blocks and center in the area.
3. Position and attach tongue to the main frame with 2" hinge pin with 3/8" x 3" NC cap screw, lock washer, and hex nut.
4. Hoist and attach left brace and right brace to the main frame with 1-1/2" brace pins with cotter pins on each side. See page 11 for reference. Attach both braces to the tongue with 1-1/2" brace locking pins with 7/16" lynch pins.
5. Using hoist, pick up right side portion of wheel axle, align cylinder anchor on the wheel axle with cylinder anchor on the main bucket. Connect wheel axle leg to the main bucket using 2" pivot pin with 3/8" x 3-1/2" NC cap screw, lock washer, and hex nut (refer to page 12 for details).
6. Using hoist, pick up left side portion of wheel axle, align adjustment bolt on the wheel axle with cylinder anchor on the main bucket. Connect wheel axle leg to the main bucket using 2" pivot pin with 3/8" x 3-1/2" NC cap screw, lock washer, and hex nut (refer to page 13 for details).
7. Install (2) 4" x 16" tie rod hydraulic cylinders on the back of the main bucket. Connect cap ends of the cylinders (bottom ends) to the cylinder anchors on the main bucket using cylinder pins with cotter pins.
8. Connect rod ends of the hydraulic cylinders to the flip lockout bars and wheel axle (right side - to the wheel axle cylinder anchor, left side - to the wheel axle adjustment bolt) using 1" x 5-1/2" Gr.8 NC cap screws with nylon lock hex nuts.
9. Attach walking beam assemblies to the wheel axle. Use 2" pivot pins. See drawing on page 14 for proper installation.
10. Mount 16.5 x 16 tires to the spindles on the walking beams. Ensure that valve stems are to the inside. Tighten all bolts securely.
11. Mount laser tower(s) to the main bucket using (4) 3/4" x 4" NC cap screws with lock washers and hex nuts for each tower. Refer to page 20 for details. Mount GPS tower to the main bucket using (4) 3/4" x 2" NC Cap Screws with lock washers and hex nuts.
12. Install main bucket blades using 5/8" x 2-1/4" NC plow bolts with lock washers and hex nuts. See page 9 for details.
13. Install adjustable side blades using 5/8" x 2-1/2" NC cap screws with flat washers, lock washers, and hex nuts. See page 9 for details

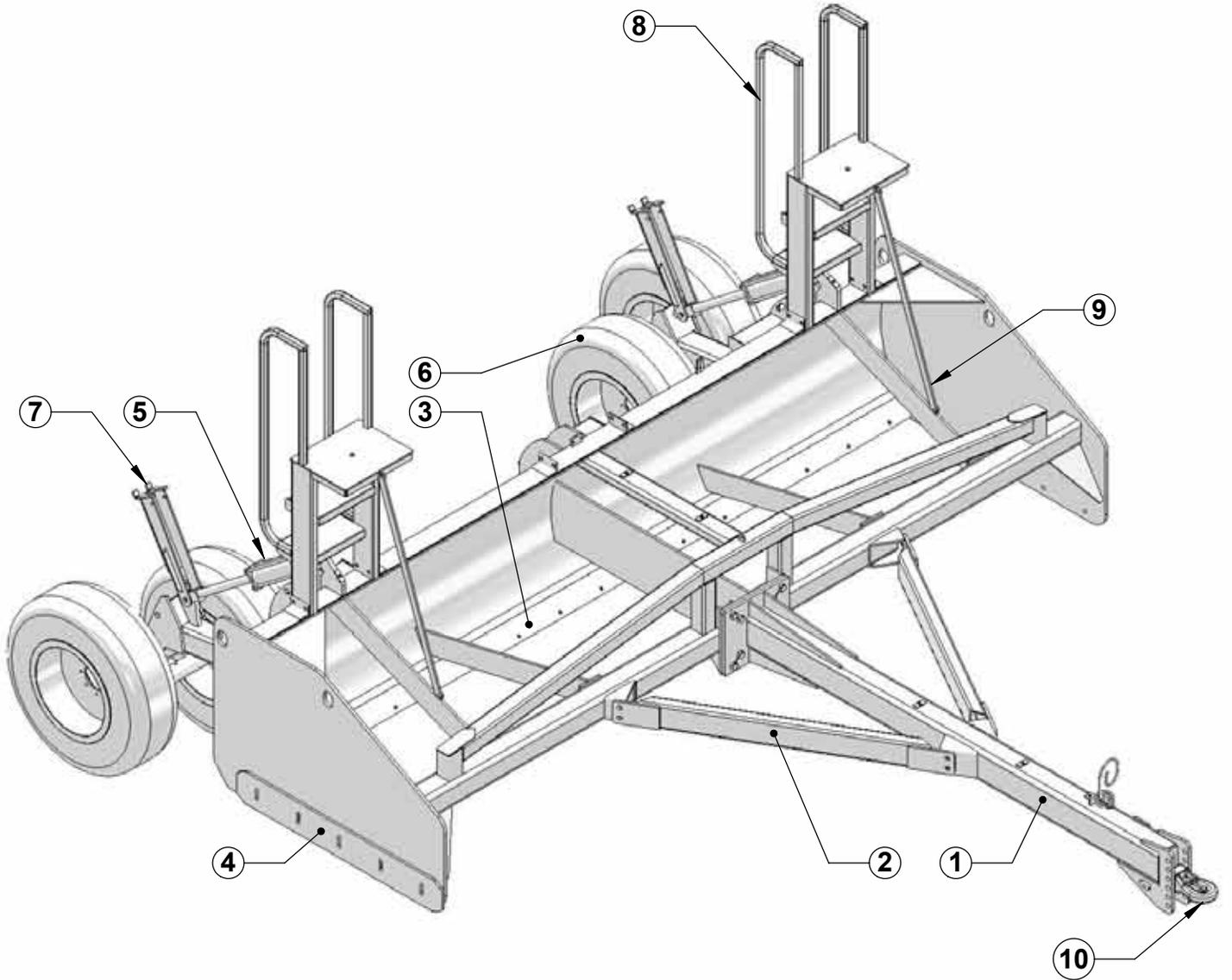


TRANSPORT OPTION ASSEMBLY:

1. Using hoist, install transport wheel axle on top of the main bucket with jog facing direction in which machine will be pulled.
2. Connect transport wheel axle and main frame pivot points on each side of the bucket using 2" pivot pins with 3/8" x 3" NC cap screws, lock washers and hex nuts . See illustration on page 16 for proper installations.
3. Install (2) 4" x 20" tie rod hydraulic cylinders on the main bucket. Connect cap ends of the cylinders (bottom ends) to the cylinder anchors on the main bucket using cylinder pins with cotter pins.
4. Connect rod ends of the hydraulic cylinders to the flip lockout bars and wheel axle cylinder anchors using 1" x 5-1/2" Gr.9 NC cap screws with nylon lock hex nuts (refer to page 16).
5. Mount highway tires to the removable spindles on the wheel axle. Tighten all bolts securely. Refer to page 17.
6. Mount transport tongue to the R.H. side of the main frame behind the bucket using 1" x 7" NC cap screw with nylon lock hex nut. See page 18 for detailed instructions.
7. Connect turnbuckle assembly to the transport tongue using 1" x 3-3/4" pin with 7/16" lynch pin. Mount other side of the turnbuckle to the main frame bucket using 1" x 4-1/2" NC cap screw with nylon lock hex nut. Refer to page 18 for details.
8. Adjust turnbuckle to the desired hitch height.

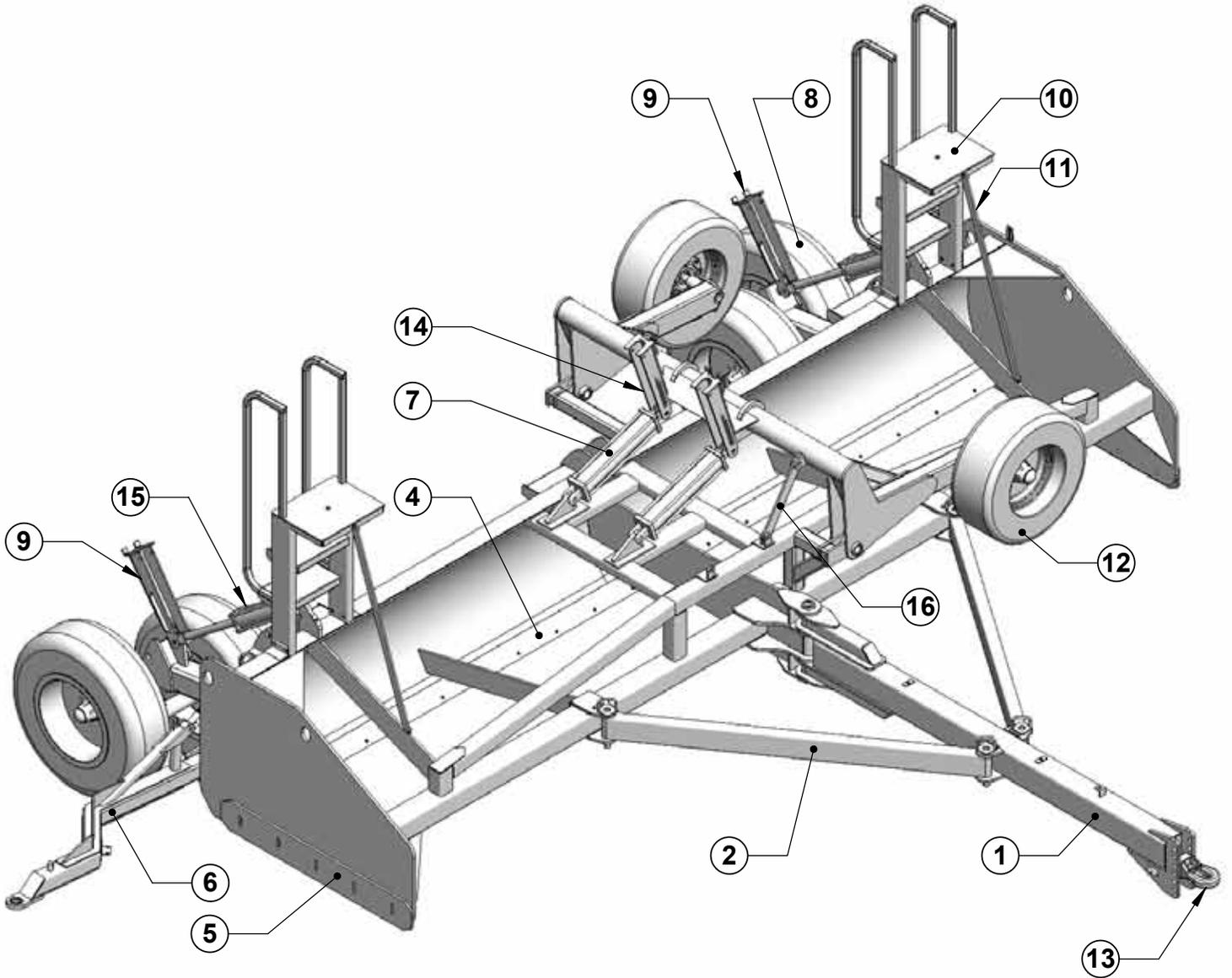


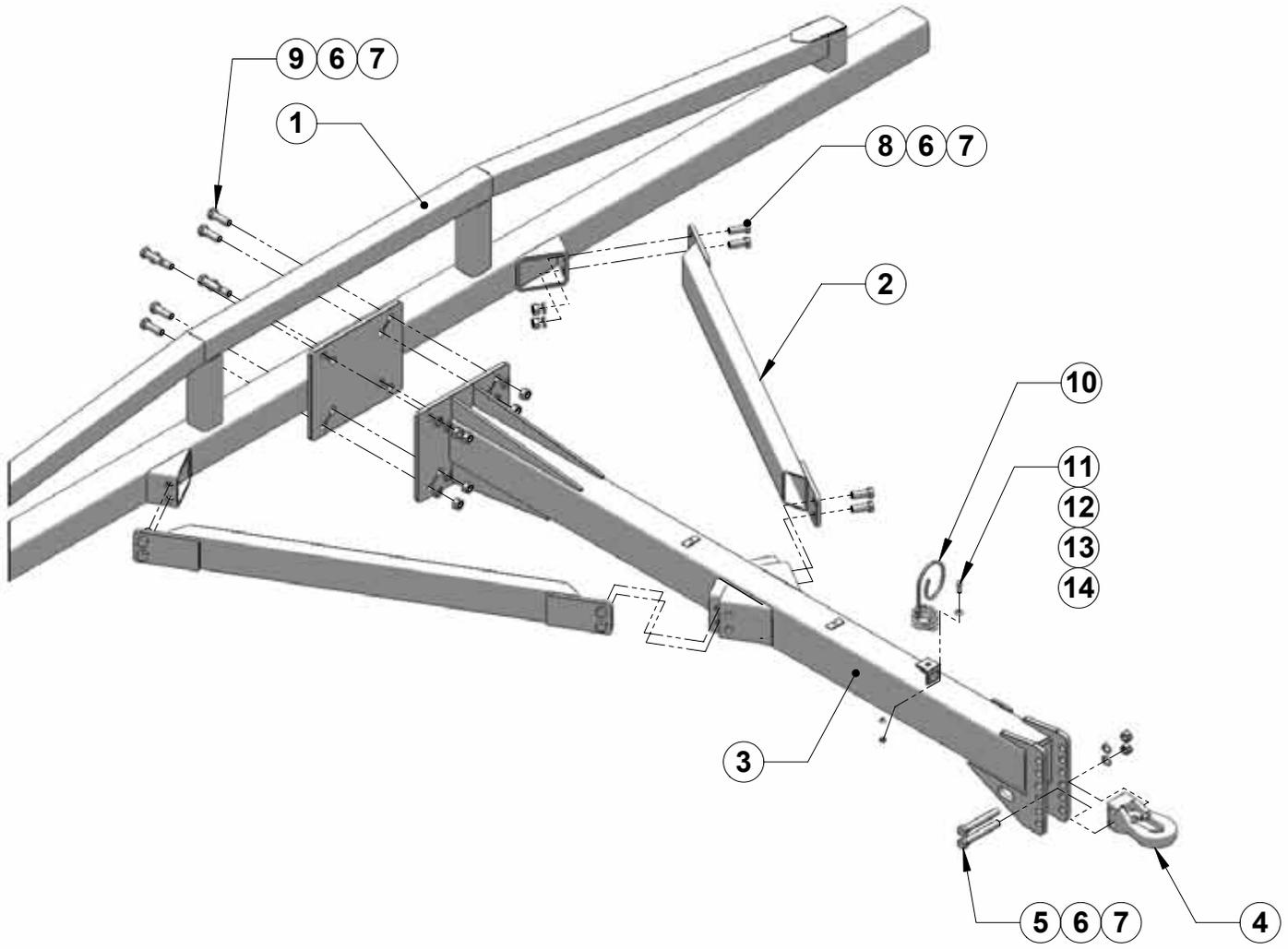
<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty./Machine</u>
1	SFS-00A200	Pull Frame	1
2	SFS-00A400	Pull Frame Brace	2
3	SFS-00A123	8' Scrapper Blade	Varies
4	SFS-00A104	Adjustment Side Blade	2
5	GHC-40160T	4" x16" Hydraulic Cylinder	2
6	GWT-161610	16.5x16 10 Ply Tire w/ Whee (18' Units & Up)	4
	GWT-131310	13.5X13 10 Ply Tire w/Wheel (16' Units & Under)	4
7	GWD-416LB2	4" x 16" Lockout Bar	2
8	SFS-00A600	Laser Tower	Varies
9	SFS-00A612	Tower Support Brace	Varies
10	GMB-HITCHCA4	Perfect Hitch Cat. 4	1
	PFS-SWH	Swivel Hitch (Optional)	1



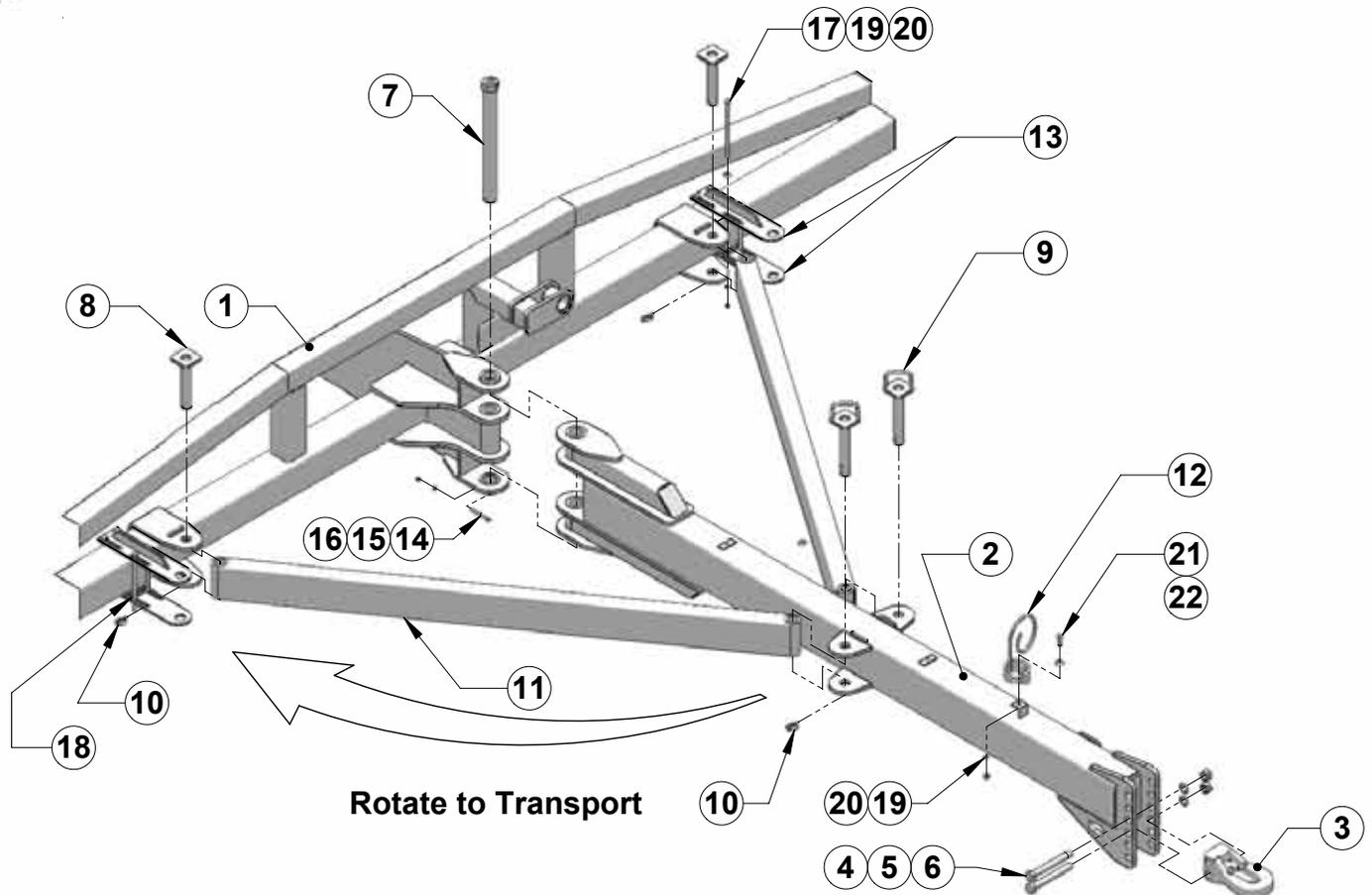


<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty./Machine</u>
1	SFS-00B200	Pull Frame	1
2	SFS-00B400	Pull Frame Brace	2
3	SFS-00B119	Pull Frame Support	4
4	SFS-00A103	8' Scrapper Blade	Varies
5	SFS-00A104	Adjustment Side Blade	2
6	SFS-00B700	Transport Tongue	1
7	GHC-40200T	4" x 20" Hydraulic Cylinder	2
8	GWT-161610	16.5 X 16 10 Ply Tire W/Wheel (18' units & up)	4
	GWT-131310	13.5 x 13 10 Ply Tire w/Wheel (16' units & under)	4
9	GWD-416LB2	4" x 16" Lockout Bar	2
10	SFS-00A600	Laser Tower	Varies
11	SFS-00A612	Tower Support Brace	Varies
12	GWT-75R16	215-75R Highway Tire	2
13	GMB-HITCHCA4	Perfect Hitch Cat. 4	1
	PFS-SWH (Optional)	Swivel Hitch	1
14	GWD-420LB1	4" x 20" Lockout Bar	2
15	GHC-40160T	4" x 16" Hydraulic Cylinder	2
16	SFS-00B318	Transport Wheel Axle Lockout Plate	1

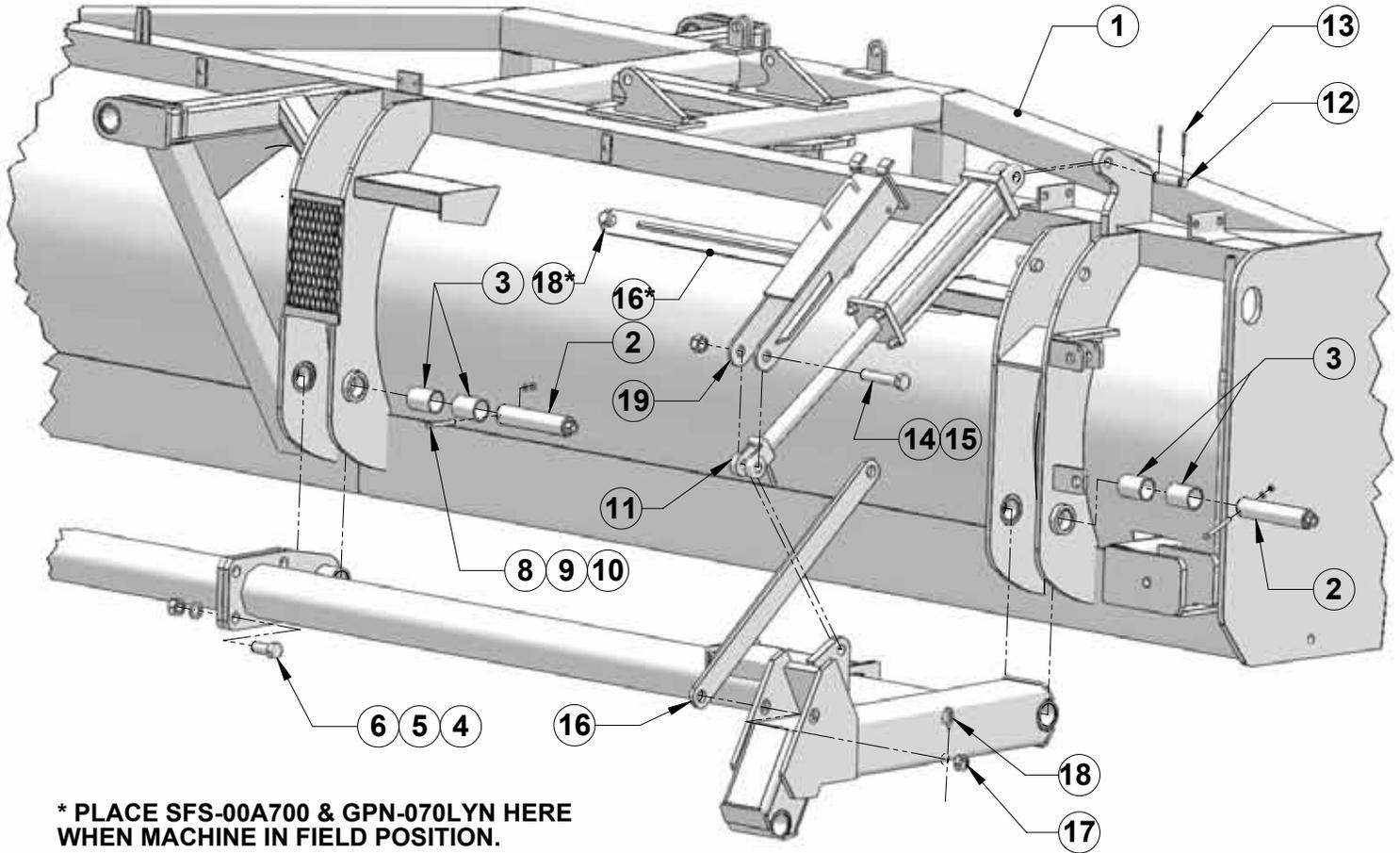




<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00A100	Main Frame	1
2	SFS-00A400	Pull Frame Brace Weldment	1
3	SFS-00A200	Rigid Pull Frame Weldment	1
4	GMB-HITCHCA4	Perfect Hitch Cat IV	1
5	CSNC516112	1" x 7" NC Cap Screw	2
6	LWASHER-16	1" Lock Washer	18
7	HXNUT-16NC	1" NC Hex Nut	18
8	CSNC516040	1" x 2-1/2" NC Cap Screw	8
9	CSNC516056	1" x 3-1/2" NC Cap Scew	8
10	91798A	Hose Holder (Short)	1
11	CSNC508024	1/2" x 1-1/2" NC Cap Screw	1
12	FWASHER-08	1/2" Flat Washer	1
13	LWASHER-08	1/2" Lock Washer	1
14	HXNUT-08NC	1/2" NC Hex Nut	1

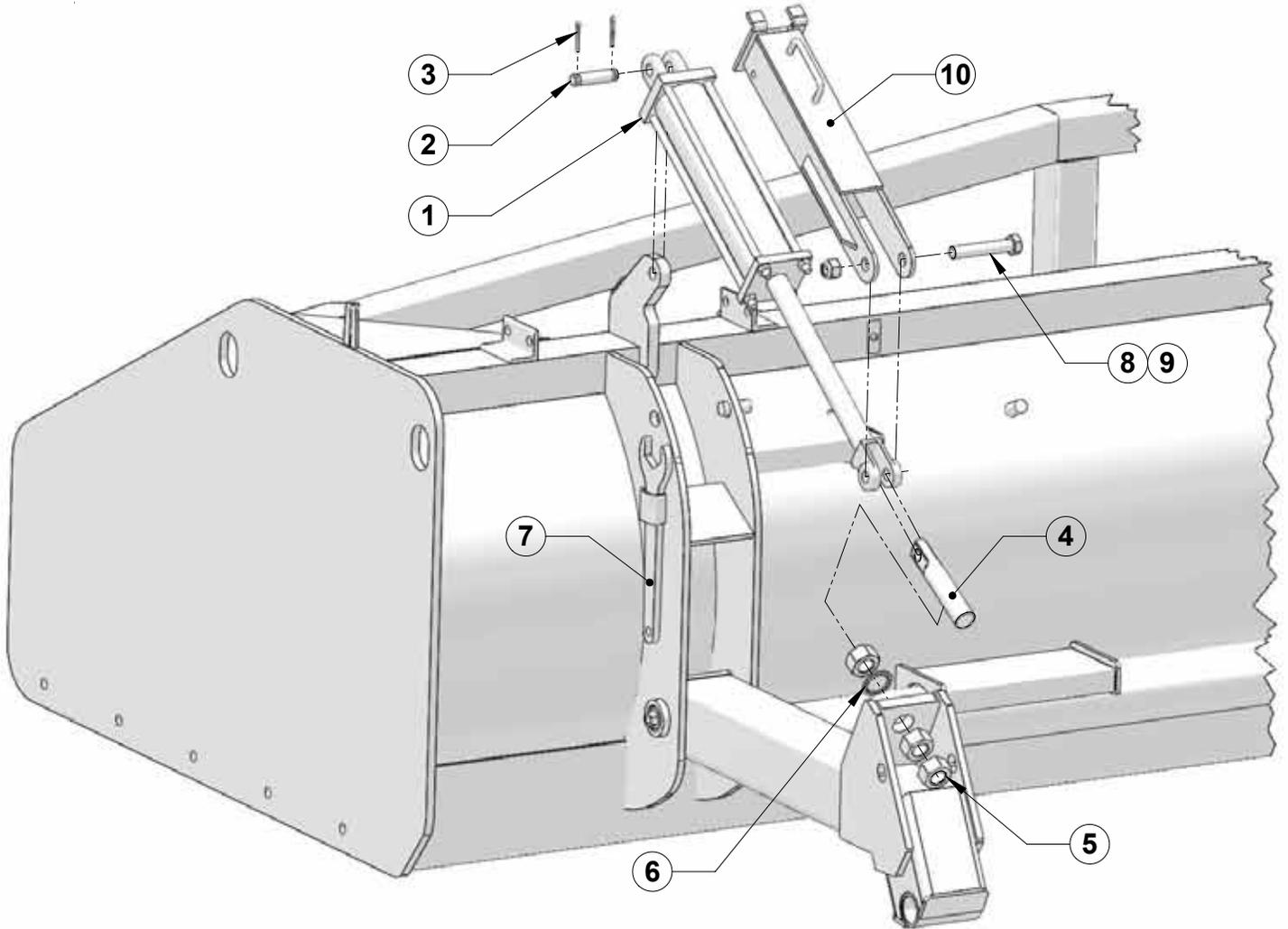


<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00B100	Main Frame Weldment	1
2	SFS-00B200	Folding Pull Frame	1
3	GMB-HITCA4	Perfect Hitch Cat. IV	1
4	CSNC516112	1" x 7" NC Cap Screw	2
5	LWASHER-16	1" Lock Washer	2
6	HXNUT-16NC	1" NC Hex Nut	2
7	SFS-00B901	Pull Frame Hinge Pin	1
8	SFS-00B905	Main Frame-Brace Pivot Pin	2
9	SFS-00B902	Pull Frame-Brace Removable Locking Pin	2
10	GPN-070LYN	7/16" Lynch Pin	4
11	SFS-00B400	Folding Pull Frame Brace Weldment	2
12	91798A	Hose Holder (Short)	2
13	SFS-00B138	Pull Frame/Brace Support Weldment	4
14	CSNC506056	3/8" X 3-1/2" NC Cap Screw	1
15	LWASHER-06	3/8" Lock Washer	9
16	HXNUT-06NC	3/8" NC Hex Nut	9
17	CSNC508160	1/2" x 10" NC Cap Screw	8
18	SFS-00B143	Brace and Tongue Locking Spacer	5
19	LWASHER-08	1/2" Lock Washer	9
20	HXNUT-08NC	1/2" NC Hex Nut	9
21	CSNC508024	1/2" x 1-1/2" NC Cap Screw	1
22	FWASHER-08	1/2" Flat Washer	1

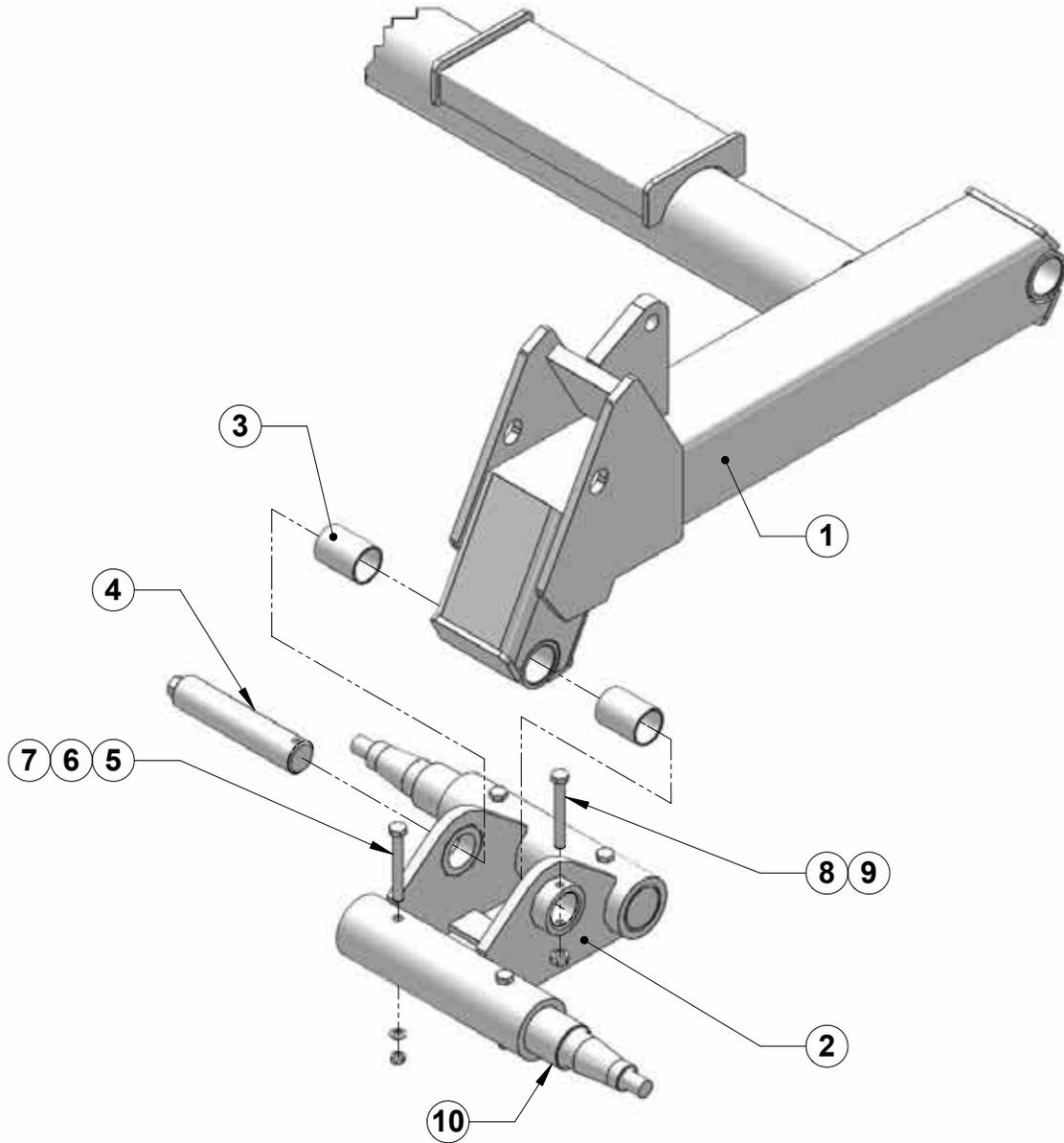


* PLACE SFS-00A700 & GPN-070LYN HERE WHEN MACHINE IN FIELD POSITION.

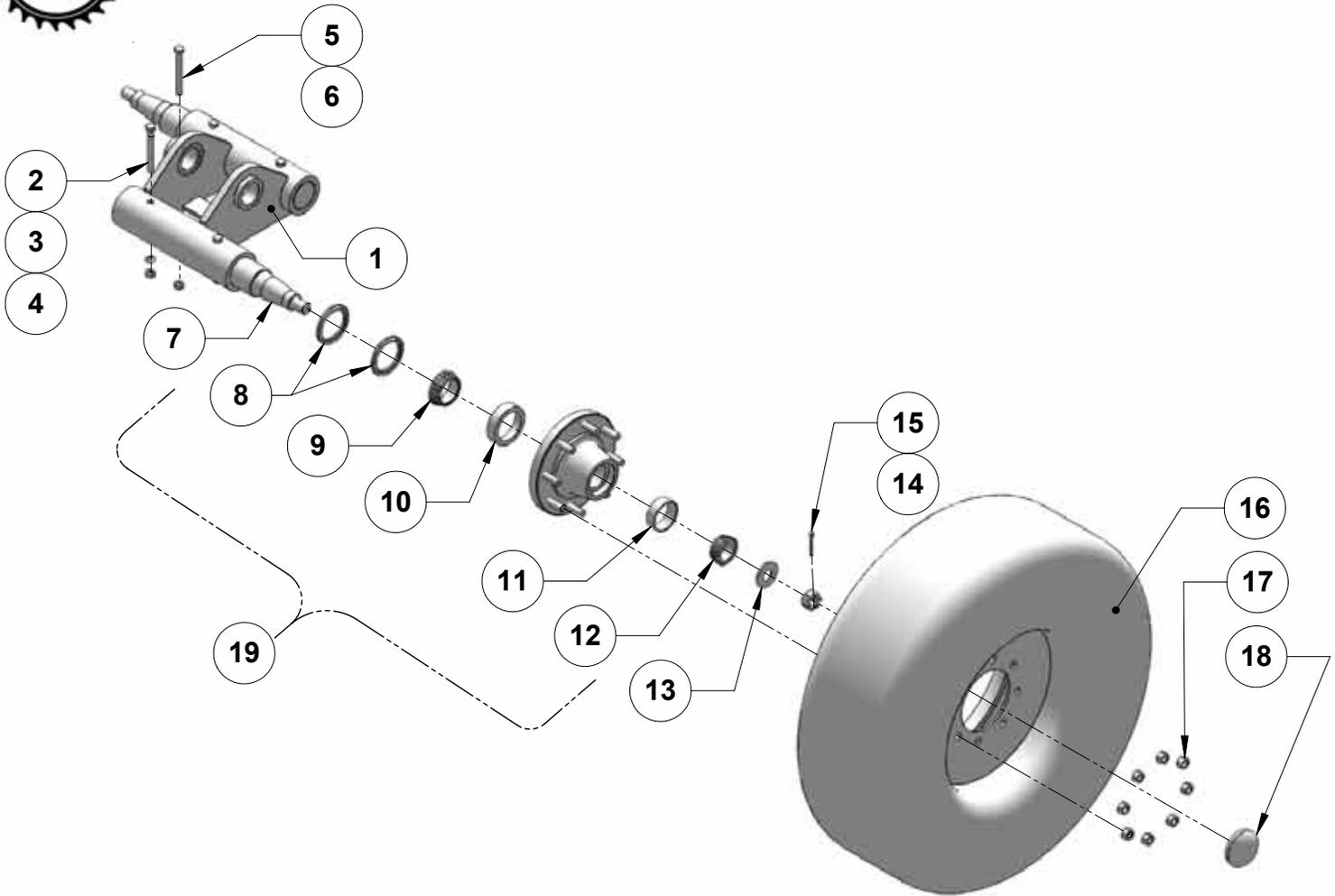
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00B100	Main Frame Weldment	1
2	FTB4-00M206	Walking Beam Pivot Pin	3
3	GBR-3236G48	2-1/4" O.D. Self Lubricating Bushing	6
4	CSNC516040	1" N.C. Hex Bolt	4
5	LWASHER-16	1" Lock Washer	4
6	HXNUT-16NC	1" NC Hex Nut	4
7	SFS-00A300	Rear Wheel Axle Weldment (R.H. Shown)	1
8	CSNC506056	3/8" x 3-1/2" Cap Screw	3
9	LWASHER-06	3/8" Lock Washer	3
10	HXNUT-06NC	3/8" NC Hex Nut	3
11	GHC-40160T	4" x 16" Tie Rod Hyd. Cylinder	2
12	GPN-1664HC	1" x 4" Cylinder Pin	2
13	GPN-03CLIP	5/32" Hair Pin Clip	4
14	CSNC816088	1" x 5-1/2" Gr. 8 NC Cap Screw	2
15	NYNUT-16NC	1" NC Nylon Nut Hex Nut	2
16	SFS-00A700	W.A. Cylinder Lockout	2
17	SFS-00A801	Cylinder Lockout Pin	2
18	GPN-070LYN	7/16" Lynch Pin	2



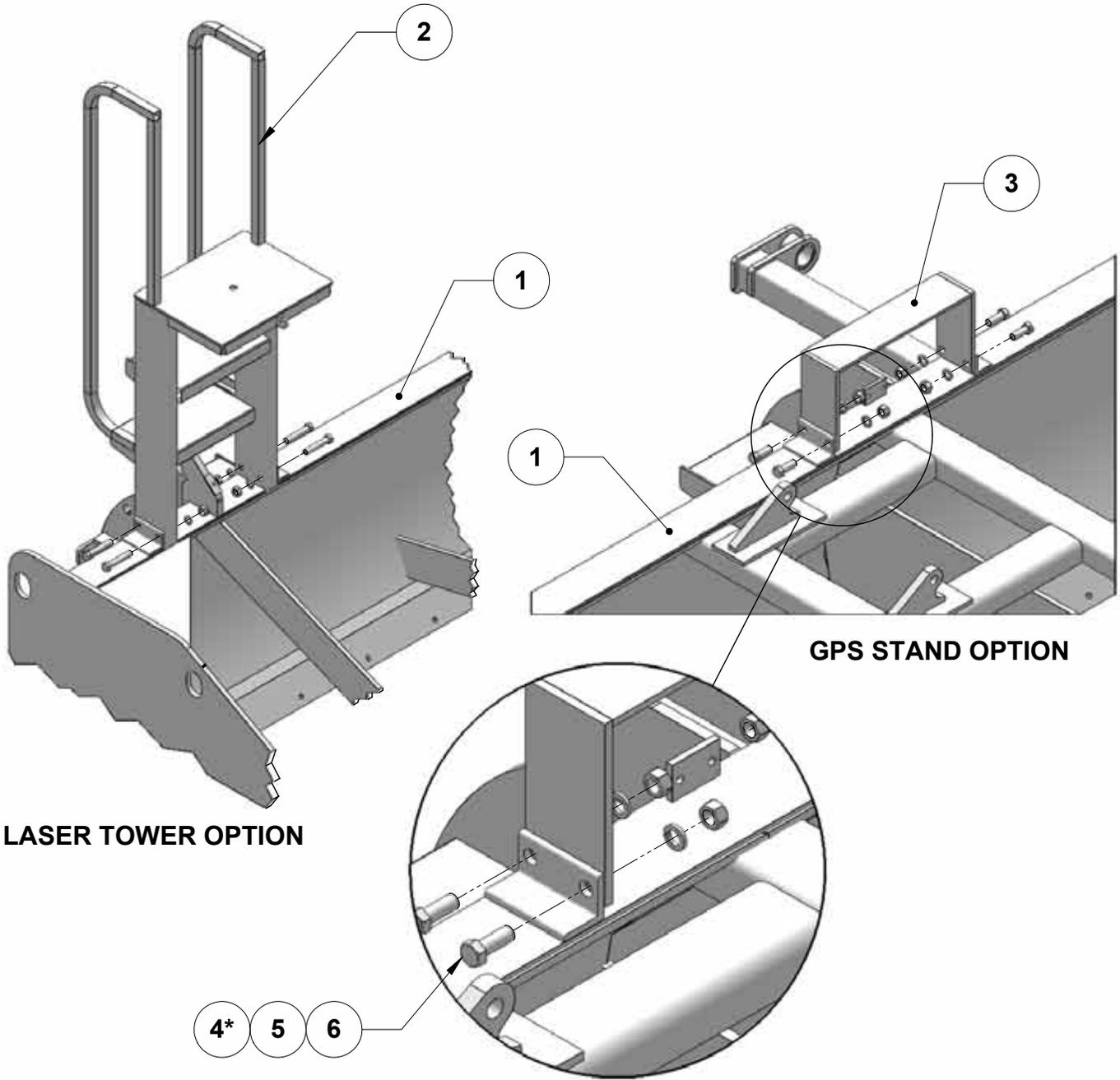
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty. Per Machine</u>
1	GHC-40160T	4" x 16" Hyd. Cylinder	1
2	GPN-1664HC	1" x 4" Cylinder Pin	1
3	GPN-03CLIP	5/32" Hair Pin Clip	4
4	SFS-00A500	Wheel Leg Adjustment Bolt	2
5	HXNUTJ28NC	1-3/4" NC Hex Jam Nut	3
6	LWASHER-28s	1-3/4" Internal Star lock Washer	1
7	SFS-00A311	Adjustment Bolt Wrench	1
8	CSNC816088	1" X 5-1/2" Gr. 8 NC Cap Screw	2
9	NYNUT-16NC	1" NC Nylon Lock Hex Nut	2
10	GWD-416LB2	Lockout for 4" x 16" Hyd. Cylinder	2



<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty. Per Machine</u>
1	SFS-00A300	Wheel Axle Weldment (L.H. & R.H.)	1
2	SFS-00B800L	Walking Beam Weldment L.H	1
	SFS-00B800R	Walking Beam Weldment R.H. (Shown)	1
3	GBR-3236G48	2-1/4" O.D. Self Lubricating Bushing	10
4	FTB4-00M206	Walking Beam Pivot Pin	5
5	CSNC509072	9/16" x 4-1/2" NC Hex Bolt	8
6	LWASHER-09	9/16" Lock Washer	8
7	HXNUT-09NC	9/16" NC Hex Nut	8
8	CSNC507056	7/16" x 3-1/2" NC Hex Bolt	2
9	HXNUT-07NC	7/16" NC Hex Nut	2
10	SFS-00B600	2-3/4" Removable Spindle	4



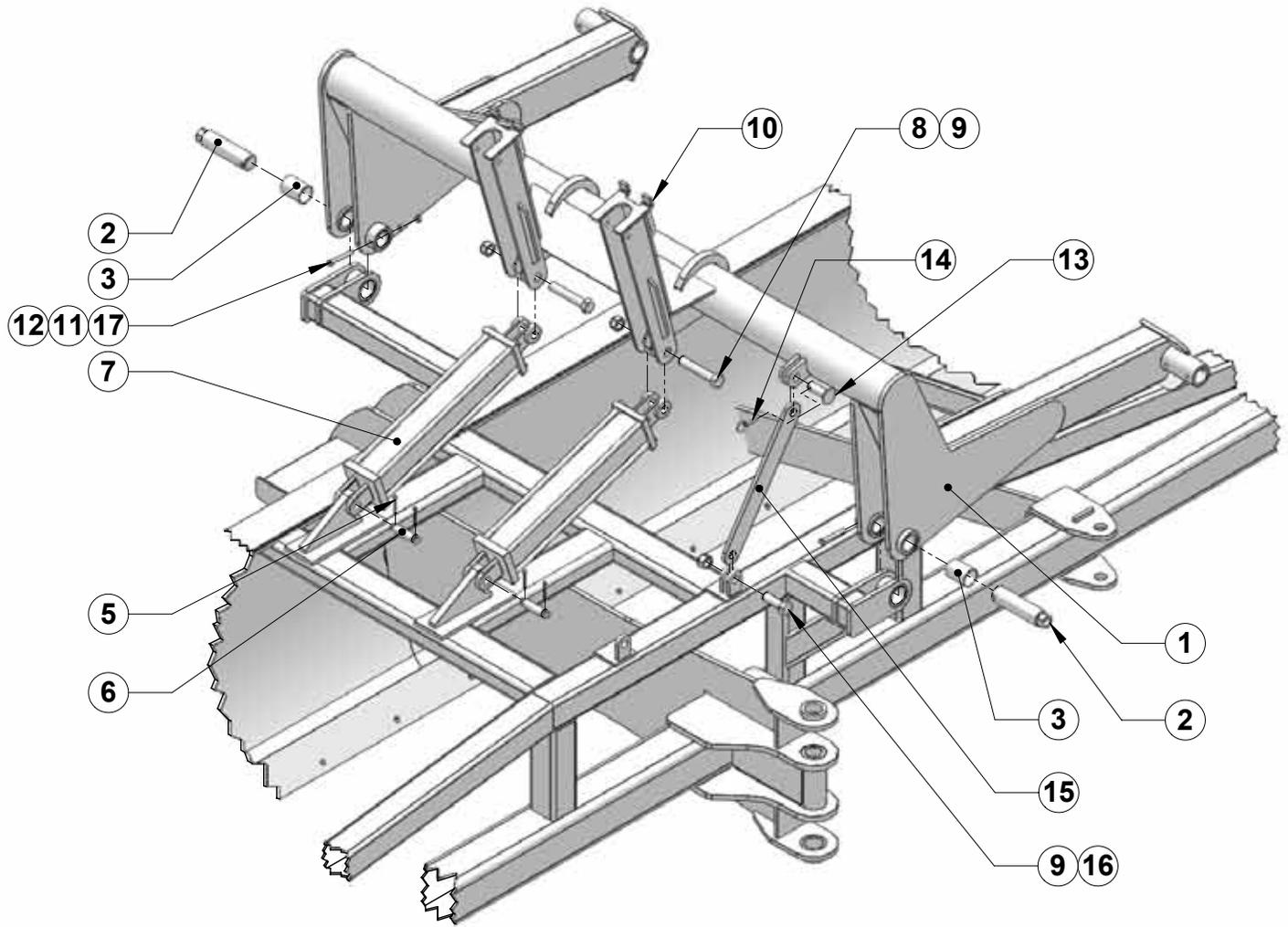
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty. Per Hub</u>
1.	SFS-00B800L SFS-00B800R	Walking Beam Weldment (Left) Walking Beam Weldment (Right)	1 1
2.	CSNC509072	9/16" x 4-1/2" NC Cap Screw	4
3.	LWASHER-09	9/16" Lock Washer	4
4.	HXNUT-09NC	9/16" Hex Nut	4
5.	CSNC507056	7/16" x 3-1/2" NC Cap Screw	1
6.	HXNUT-07NC	7/16" Hex Nut	1
7.	SFS-00B600	2-3/4" Removable Spindle	2
8.	GHB-8XXGSL	Grease Seal	2
9.	GHB-8XXICN	Inner Bearing Cone for 8 on 8 XHVV Hub	1
10.	GHB-8XXIRC	Inner Bearing Cup for 8 on 8 XHVV Hub	1
11.	GHB-8XXORC	Outer Bearing Cup for 8 on 8 XHVV Hub	1
12.	GHB-8XXOCN	Outer Bearing Cone for 8 on 8 XHVV Hub	1
13.	GSP-16SPWA	1" Dia. Spindle Flat Washer	1
14.	GSP-16CANT	1" Dia. Spindle Castle Nut	1
15.	GPN-03X32C	3/16" x 2" Cotter Pin	1
16.	GWT-131310 GWT-161610	13.5 X 13 10 Ply Tire W/ Wheel Assembly (16' Units & Smaller) 16.5 X 16 10 Ply Tire W/ Wheel Assembly (18' Units & Larger)	1 1
17.	WHN-10NFWN	Hub Lug Nuts 5/8" NF for 8 on 8 XHVV Hub	8
18.	GHB-8XXCAP	Hub Cap	1
19.	GBH-8X8XHZ	8 on 8 XHVV Hub Ass'y w/ Bearings and 2 Grease Seals (Includes Items 8-12 & 18)	1



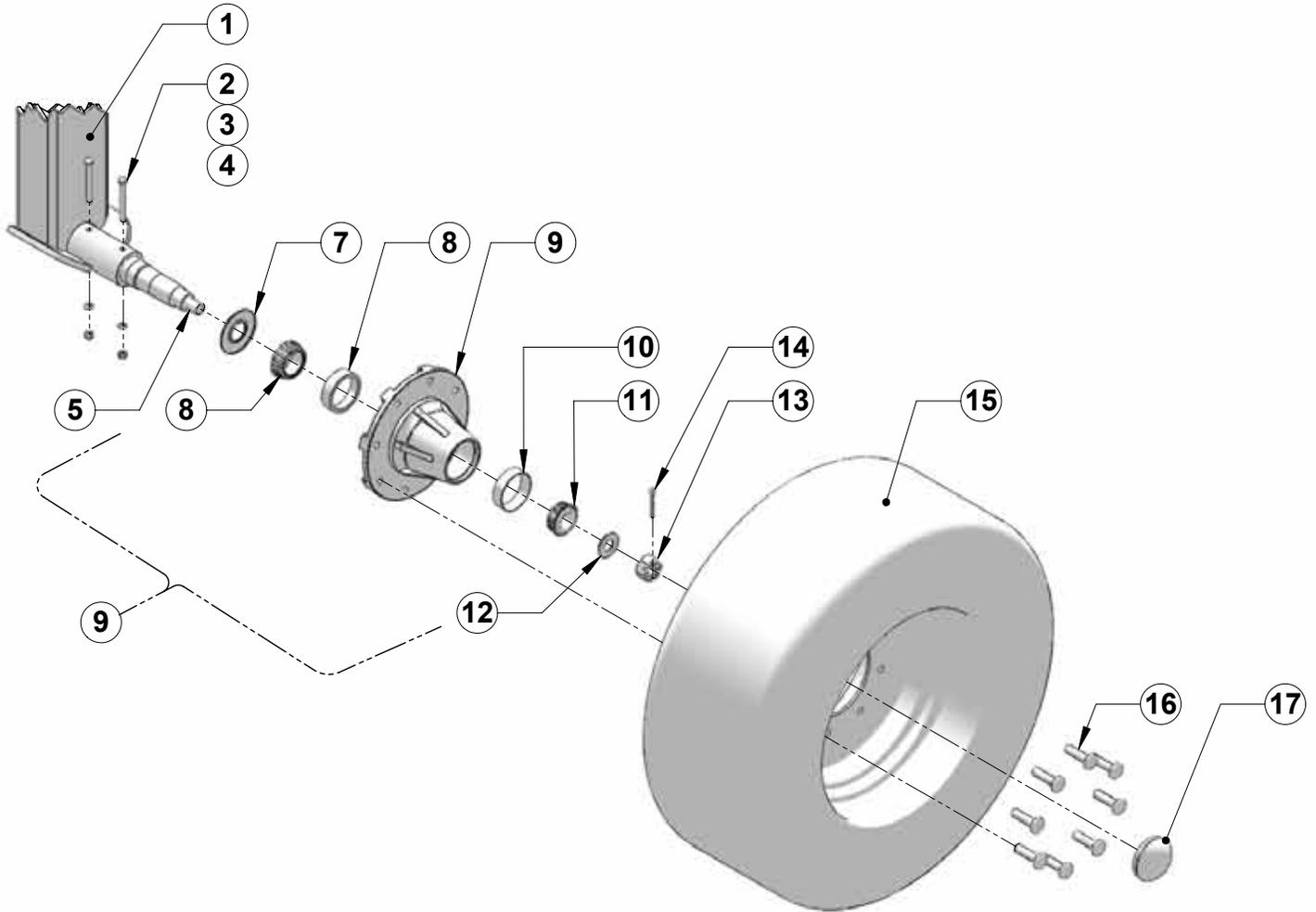
LASER TOWER OPTION

GPS STAND OPTION

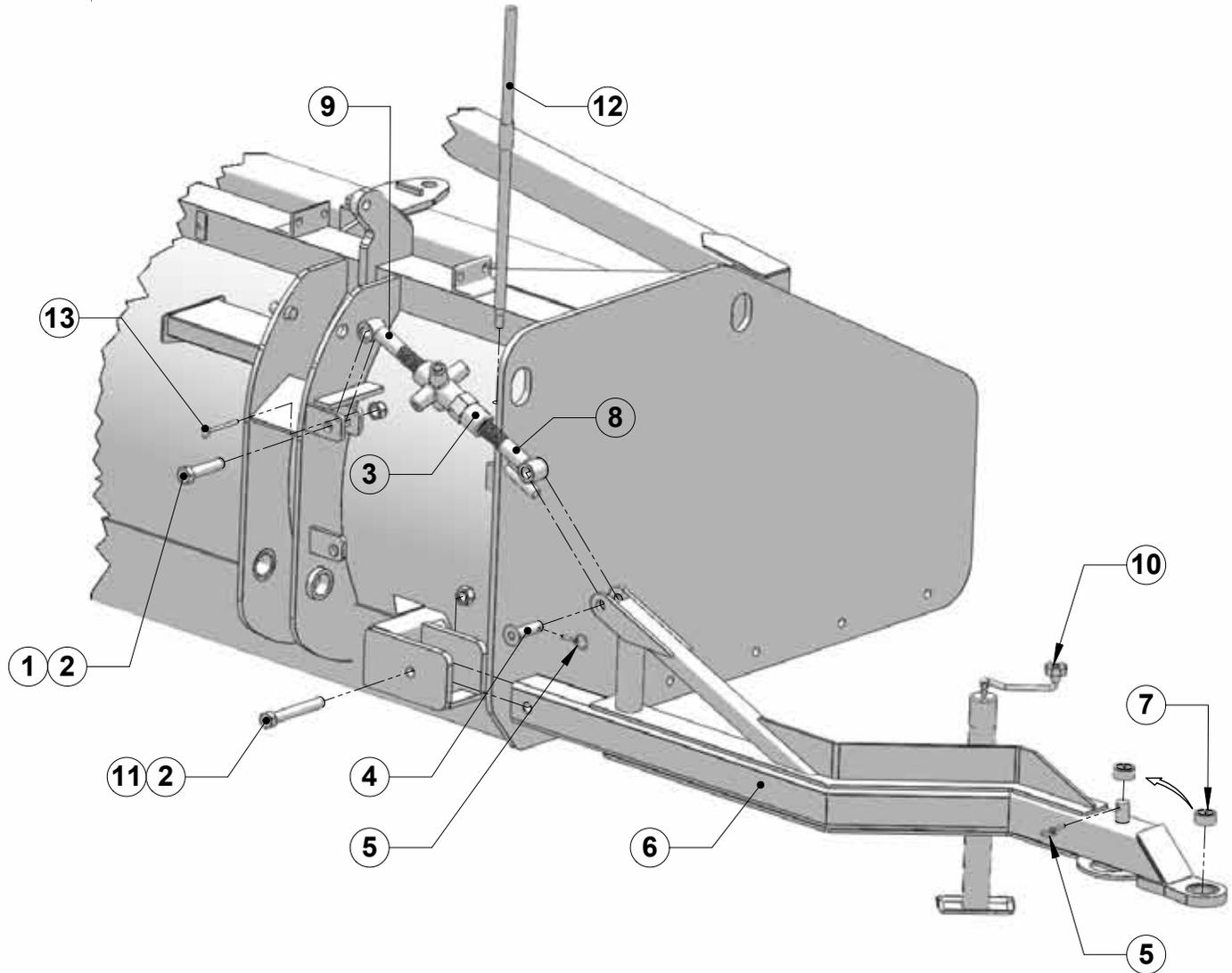
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00B100	Main Frame Weldment	1
2	SFS-00A600	Laser Tower Weldment	Varies
3	SFS-GPS	GPS Stand Weldment	Varies
*4	CSNC512064	3/4" x 4" NC Cap Screw (Laser Tower)	4 Per Tower
	CSNC512032	3/4" x 2" NC Cap Screw (GPS Tower)	4 Per Tower
5	LWASHER-16	3/4" Lock Washer	4 Per Tower
6	HXNUT-16NC	3/4" NC Hex Nut	4 Per Tower



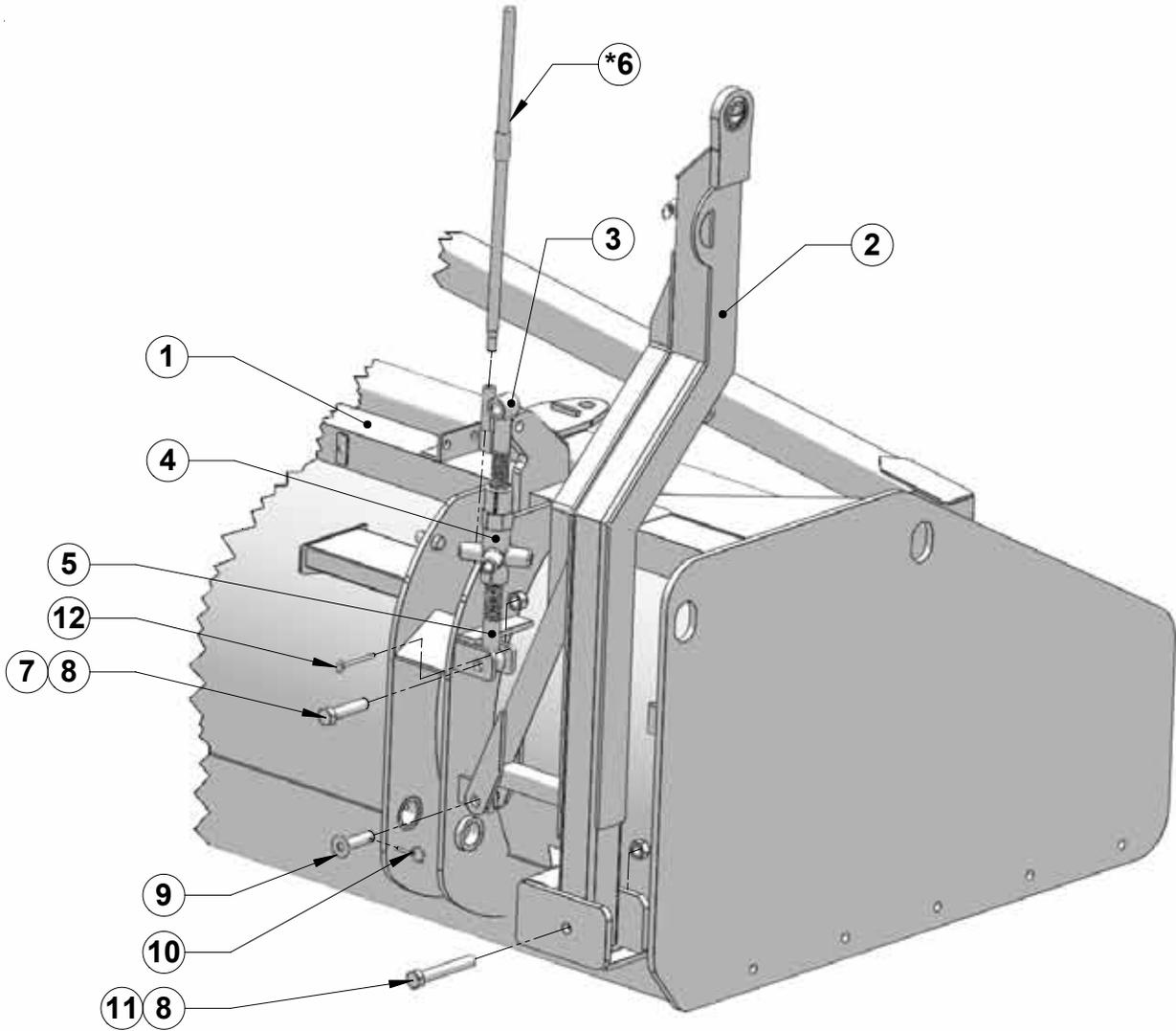
<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty. Per Machine</u>
1	SFS-00B300	Transport Axle Weldment	1
2	SFS-00B316	Pivot Pin Weldment	2
3	GBR-3236G48	2-1/4" O.D. Self Lubricating Bushing	2
4	CSNC506056	3/8" x 3-1/2" NC Cap Screw	2
5	GPN-03CLIP	5/32" Hair Pin Clip	2
6	GPN-1664HC	1" X 4" Cylinder Pin	2
7	GHC-40200T	4" X 20" Tie Rod Hydraulic Cylinder	2
8	CSNC816088	1" x 5-1/2" Gr. 8 NC Cap Screw	2
9	NYNUT-16NC	1" NC Nylon Lock Hex Nut	2
10	GWD-420LB1	Lockout Bar for 4" x 20" Hyd. Cylinder	2
11	LWASHER-06	3/8" Lock Washer	4
12	HXNUT-06NC	3/8" NC Hex Nut	4
13	GPN-16X048	1" X 3" Clevis Pin	1
14	GPN-040LYN	1/4" Lynch Pin	1
15	SFS-00B318	Transport Wheel Axle Lockout Plate	1
16	CSNC516048	1" x 3" NC Cap Screw	1
17	CSNC507056	7/16" x 3-1/2" NC Cap Screw	2



<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty. Per Machine</u>
1	SFS-00B300	Transport Wheel Axle Weldment	1
2	CSNC507056	7/16" x 3-1/2" NC Cap Screw	4
3	LWASHER-07	7/16" Lock Washer	4
4	HXNUT-07NC	7/16" NC Hex Nut	4
5	SFS-00B307	2-1/8" Removable Spindle	2
6	GHB-8X8GSL	Oil Shield For 8 On 8 Heavy Hub	2
7	GBH-8X8ICN	Inner Bearing Cone for 8 On 8 Hub	2
8	GBH-8X8IRC	Inner Race For 8 ON 8 Heavy Hub	2
9	GHB-8X8HVY	Hub, 8 On 8 Heavy Complete (Includes items 6-11 & 17)	2
10	GHB-8X8ORC	Outer Bearing Race For 8 On 8 Heavy Hub	2
11	GHB-8X8OCN	Outer Bearing Cone For 8 On 8 Heavy Hub	2
12	GSP-14SPWA	7/8" Flat Washer, Spindle	2
13	GSP-14CANT	7/8" Castle Nut, Spindle	2
14	GPN-04X40C	1/4" x 2-1/2" Cotter Pin	2
15	GWT-75R16	Highway Tire	2
16	WHB-09X018	Wheel Bolts for 8 on 8 Heavy Hub	16
17	GHB-8X8CAP	Dust Cap For 8 On 8 Heavy Hub	2

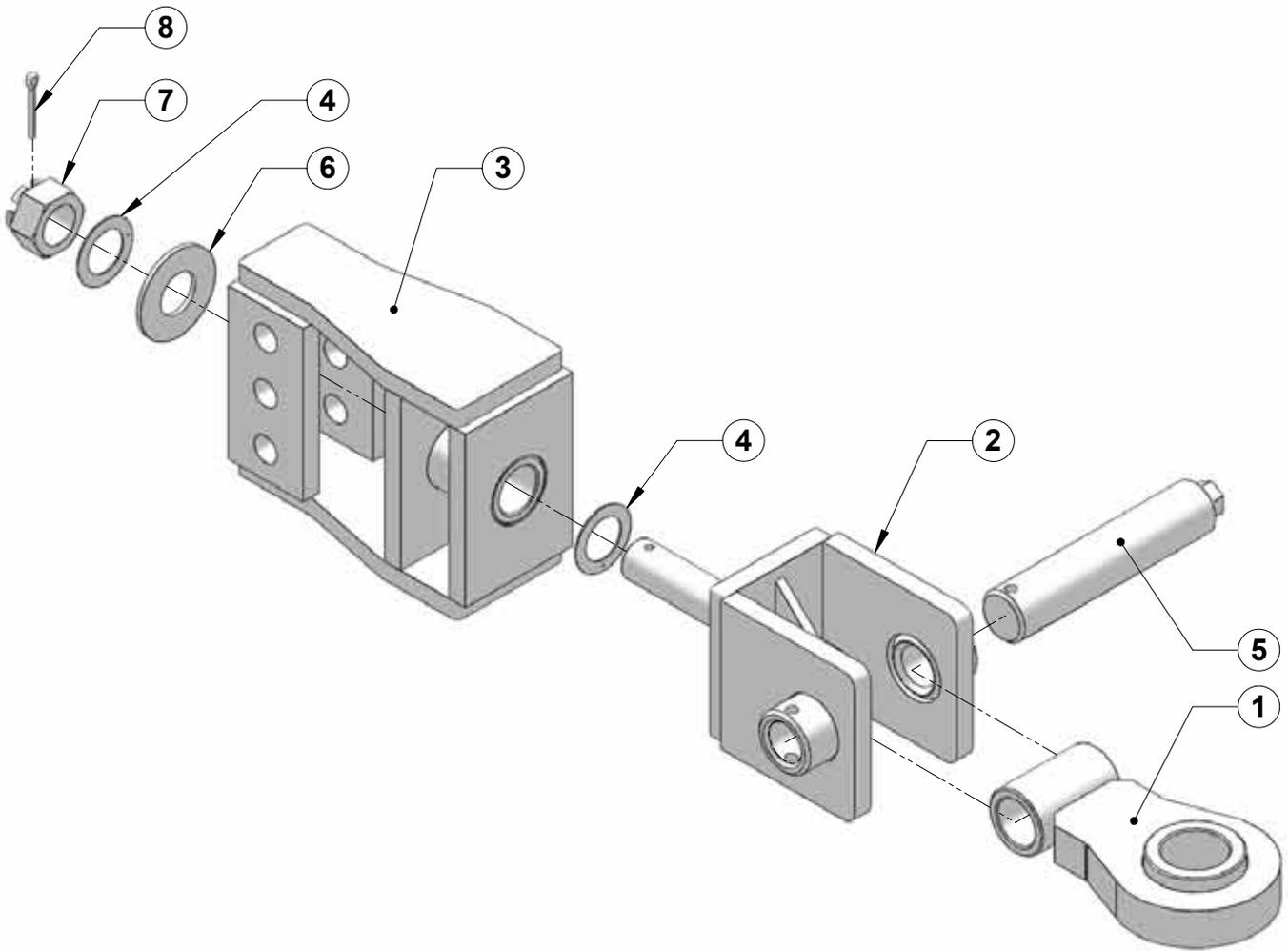


<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1.	CSNC516072	1" x 4-1/2" NC Cap Screw	1
2.	NYNUT-16NC	1" NC Nylon lock Nut	2
3.	GTB-00A002	1-1/2" ACME Turnbuckle Body	1
4.	SFS-00B726	1" x 3-3/4" Pin	1
5.	GPN-070LYN	7/16" Lynch Pin	2
6.	SFS-00B700	Tansport Tongue Weldment	1
7.	GBH-32X32T	2" O.D. Tension Bushing	.50
8.	SFS-00B724	Bottom Turnbuckle Rod Weldment R.H.	1
9.	SFS-00B725	Top Turnbuckle Rod Weldment L.H.	1
10.	GJK-5KTW15	5000# Cap Jack Stand	1
11.	CSNC516112	1" x 7" NC Cap Screw	1
12.	SFS-00B729	Turnbuckle Adjustment Rod	1

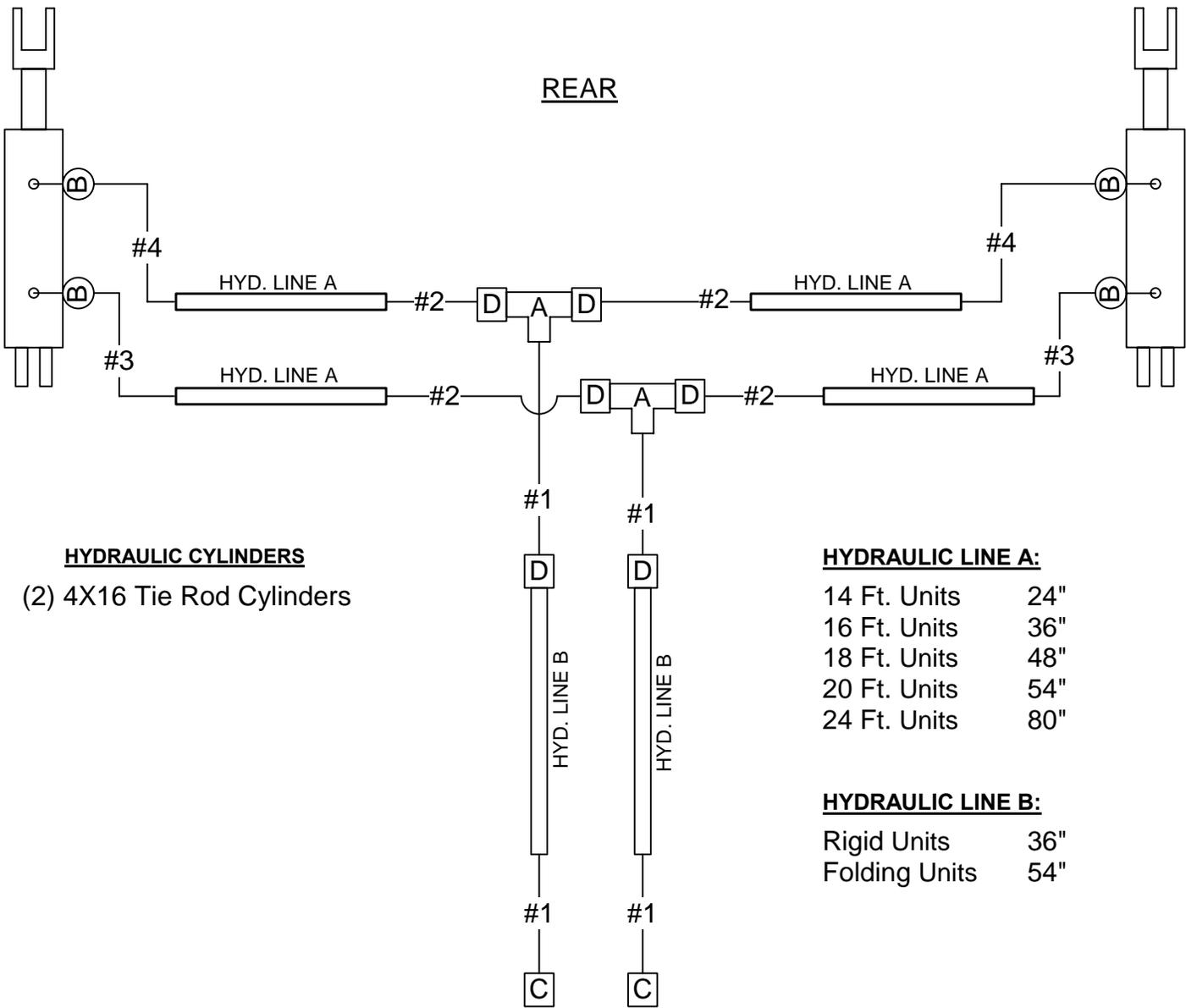


<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00B100	Main Frame Weldment	1
2	SFS-00B700	Transport Tounge Weldment	1
3	SFS-00B724	Bottom Turnbuckle Rod Weldment R.H.	1
4	GTB-00A002	1-1/2" ACME Turnbuckle Body	1
5	SFS-00B725	Top Turnbuckle Rod Weldment L.H.	1
6	SFS-00B728	Turnbuckle Adjustment Rod	1
7	CSNC516072	1" x 5" NC Cap Screw	1
8	NYNUT-16NC	1" NC Nylon Lock Nut	2
9	SFS-00B726	1" x 3-3/4" Pin	1
10	GPN-070LYN	7/16" Lynch Pin	1
11	CSNC516112	1" x 7" NC Cap Screw	1
12	GPN-05X64Q	5/16" X 4" Quick Release Pin	1

***NOTE: ENSURE TURNBUCKLE ADJUSTMENT ROD IS PLACED INSIDE OF TURNBUCKLE BODY TO PREVENT TURNBUCKLE ROD FROM ROTATING OUT WHEN IN FIELD POSITION.**



<u>Ref No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	SFS-00C100	Hitch Plate Weldment	1
2	SFS-00C200	Swivel Hitch Fork Weldment	1
3	SFS-00C300	Swivel Hitch Mount Weldment	1
4	GBR-2440G01	1.6" I.D. Thrust Washer	2
5	FTB4-00M206	Hinge Pin	1
6	FWASHER-24	1-1/2" Flat Washer	1
7	CANUT-24NF	1-1/2" NF Castle Nut	1
8	GPN-04X40C	1/4" x 2-1/2" Cotter Pin	1
	PFS-SWH	Swivel Hitch Assembly (Includes All Above Items)	



HYDRAULIC CYLINDERS
(2) 4X16 Tie Rod Cylinders

HYDRAULIC LINE A:

14 Ft. Units	24"
16 Ft. Units	36"
18 Ft. Units	48"
20 Ft. Units	54"
24 Ft. Units	80"

HYDRAULIC LINE B:

Rigid Units	36"
Folding Units	54"

HOSES

#1 - 8G-8MP 100" Long	(4)
#2 - 8G-8MP 27" Long	(4)
#3 - 8G-8MP 36" Long	(2)
#4 - 8G-8MP 52" Long	(2)

REQ'D

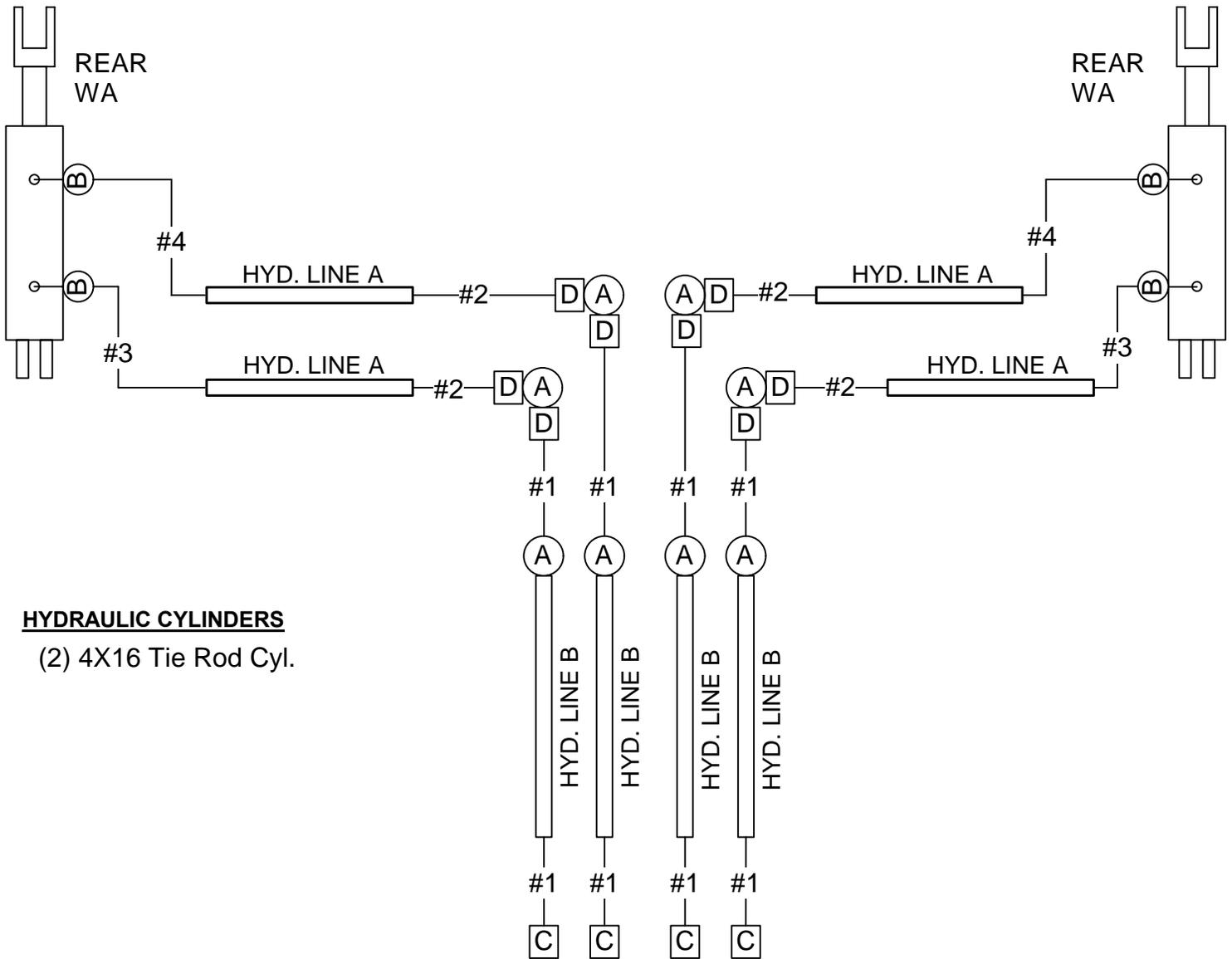
(4)
(4)
(2)
(2)

FITTINGS

A - 1/2" FPT "TEE" 3000# CAP.	(2) - On Manifold
B - 8MB-8FPX 90°	(4)
C - 1/2" Pioneer Tip	(2)
D - 8MP-8FPX	(6)

REQ'D

(2) - On Manifold
(4)
(2)
(6)



HYDRAULIC CYLINDERS

(2) 4X16 Tie Rod Cyl.

FRONT

HOSES

	REQ'D
#1 - 8G-8MP 100" Long	(8)
#2 - 8G-8MP 27" Long	(4)
#3 - 8G-8MP 36" Long	(2)
#4 - 8G-8MP 52" Long	(2)

FITTINGS

- A - 8FP-8FP 90° Elbow 3000# Cap.
- B - 8MB-8FPX 90°
- C - 1/2" Pioneer Tip
- D - 8MP-8FPX

REQ'D

- (4) - On Manifold
- +(4) - On the Tongue*
- (4)
- (4)
- (8)

HYDRAULIC LINE A:

16 Ft. Units	36"
18 Ft. Units	48"
20 Ft. Units	54"
24 Ft. Units	80"

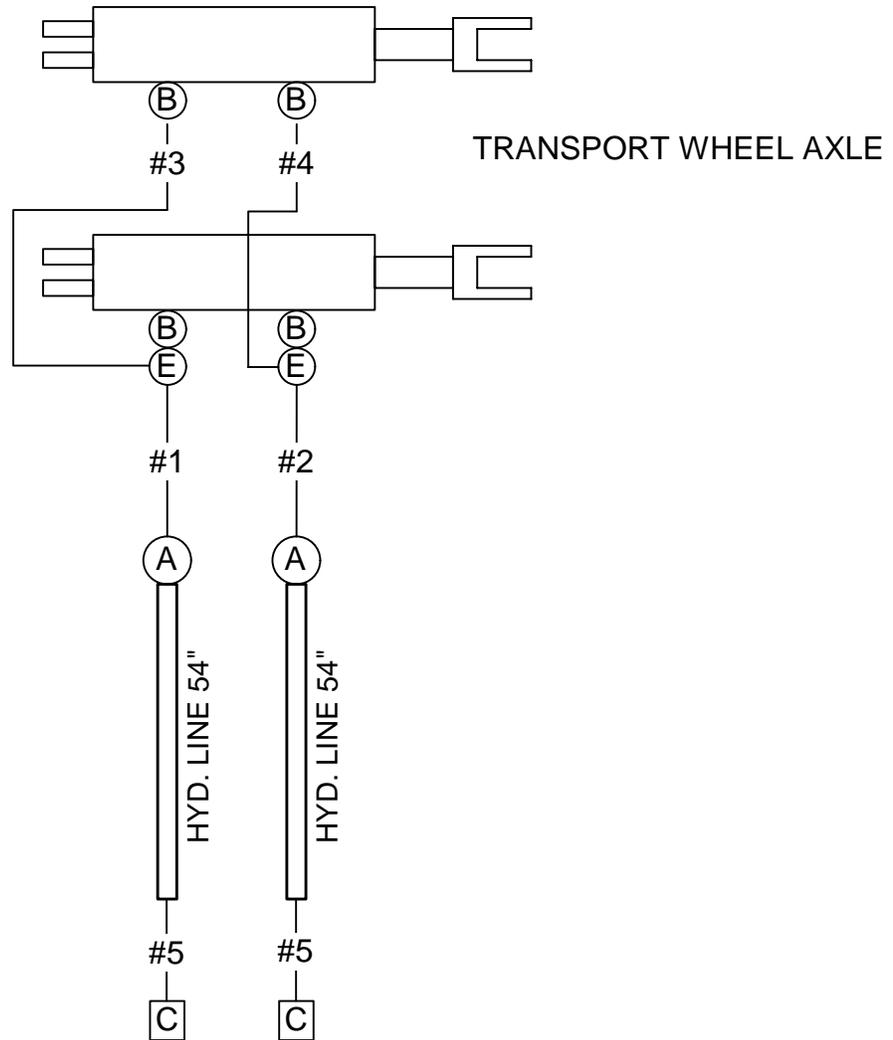
HYDRAULIC LINE B:

Rigid Units	36"
Folding Units	54"

***NOTE: FITTING "A" ON THE TONGUE IS FOR FOLDING UNITS ONLY**



REAR OF THE MACHINE



HYDRAULIC CYLINDERS

(2) 4X20 Tie Rod Cyl.

FRONT

HOSES

Hose #	Size	Length	REQ'D
#1	8MP-8MP	75" Long	(1)
#2	8MP-8MP	67" Long	(1)
#3	8MP-8MP	33" Long	(1)
#4	8MP-8MP	25" Long	(1)
#5	8MP-8MP	100" Long	(2)

FITTINGS

Fitting	REQ'D
A - 8FP-8FP 90° Elbow 3000# Cap.	(2)
B - 8MB-8FPX 90°	(4)
C - 1/2" Pioneer Tip	(2)
E - 8FP-8FP Tee	(2)

T.G. SCHMEISER CO. INC.

Limited Warranty Statement

T. G. Schmeiser Co. Inc. warrants each new Schmeiser product to be free from defects in material and workmanship. This warranty is applicable only for the normal service life expectancy of the product or components not to exceed twelve (12) consecutive months from the date of delivery of the new Schmeiser product to the original purchaser.

Genuine T. G. Schmeiser Co. Inc. replacement parts and components will be warranted for 90 days from date of purchase or the remainder of the original equipment warranty period whichever is longer.

Under no circumstances will it cover any merchandise or components thereof which in the opinion of the company has been subjected to misuse unauthori ed modifications alteration an accident or if repairs have been made with parts other than those obtainable through T. G. Schmeiser Co. Inc.

The Company in no way warrants engines batteries cylinders tires or other trade accessories since these items are warranted separately by their respective manufacturer. Expendable components such as points shanks blades rings bearings teeth and the like are excluded from this warranty.

Our obligation under this warranty shall be limited to repairing or replacing free of charge to the original purchaser any part that in our judgment shall show evidence of such defect provided further that such part shall be returned within thirty (30) days from date of failure to T. G. Schmeiser Co. Inc. routed through the dealer and distributor from whom the purchase was made transportation charges prepaid.

This warranty shall not be interpreted to render T. G. Schmeiser Co. Inc. liable for injury or damages of any kind or nature to person or property. This warranty does not extend to the loss of crops loss because of delay in harvesting or any expense or loss incurred for labor substitute machinery rental or for any other reason.

Except as set forth above, **T. G. Schmeiser Co., Inc. shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. T. G. Schmeiser Co., Inc. makes no other warranty, expressed or implied, and, specifically, T. G. Schmeiser Co., Inc. disclaims any implied warranty or merchantability or fitness for a particular purpose. Some states or provinces do not permit limitations or exclusions of implied warranties or incidental or consequential damages, so the limitations or exclusion in this warranty may not apply.**

This warranty is subject to any existing conditions of supply which may directly affect our ability to obtain materials or manufacture replacement parts.

T. G. Schmeiser Co. Inc. reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to owners of units previously sold.

No one is authori ed to alter modify or enlarge this warranty nor the exclusion limitations and reservations.

**WARRANTY VOID IF NOT REGISTERED
WITHIN 30 DAYS OF PURCHASE DATE**

