

2800 Double Fold
Field Cultivator

Kongskilde
2800

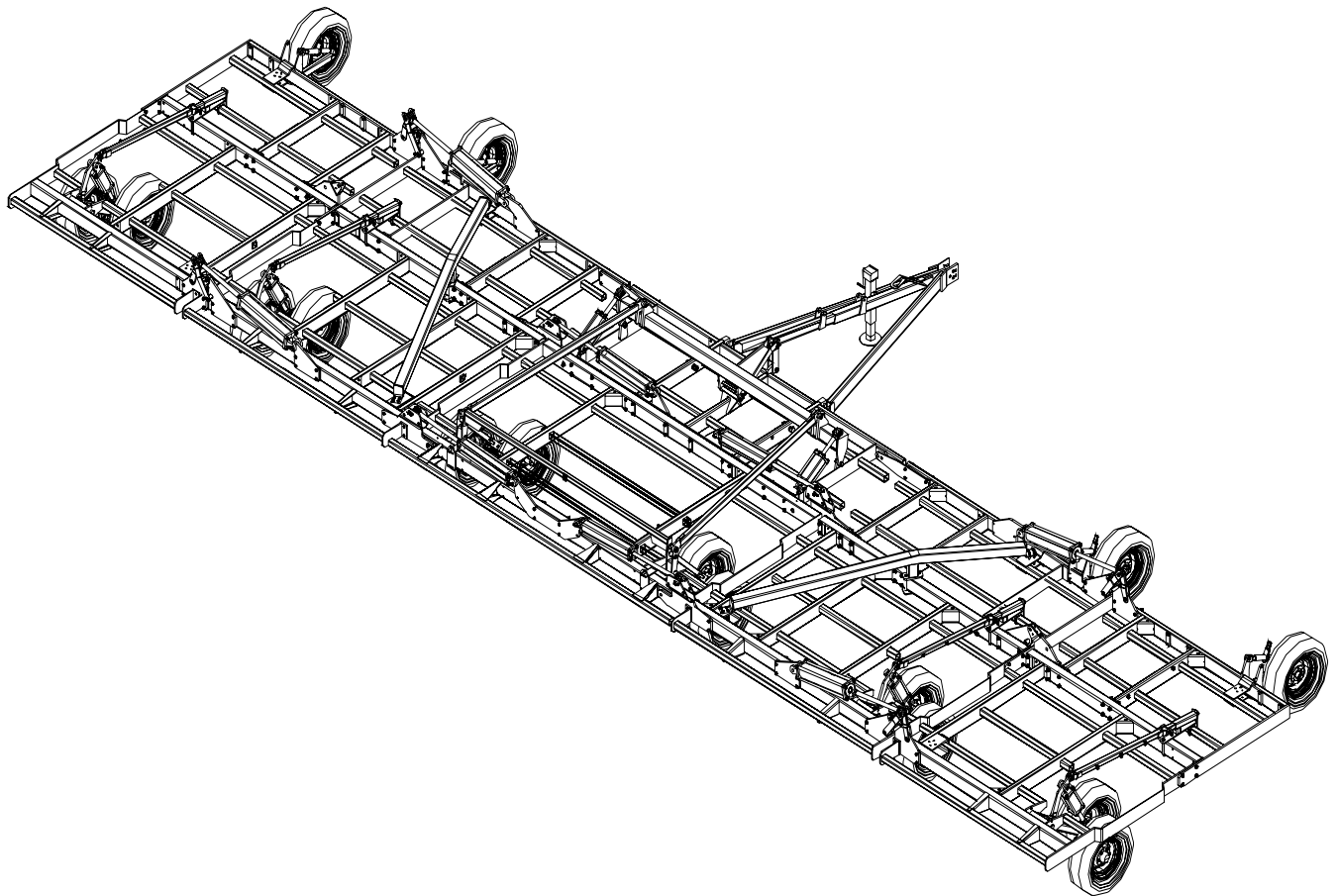


Table of Contents

Introduction: 3

Tines: VTH-L630 &VTH 6300 4

Center Section Frame Assembly 6

Self-Levelling Linkage Assembly 8

8000 lb Center Tandem Wheel Assembly 10

1.0m 33'-10m Wing Frame Assembly 12

Inside Wing Assembly 14

Outside Wing Assembly..... 16

Wing Wheel Linkage Assembly 18

Three Point Hitch Assembly 20

Wing Cross Brace..... 22

Single Point Components 24

Center Hydraulics 26

Cylinders..... 28

Introduction:

Please take the time to carefully read all the instruction booklets provided with your new Kongskilde product. Once you are finished reading do not throw these guides out. Keep them for later review.

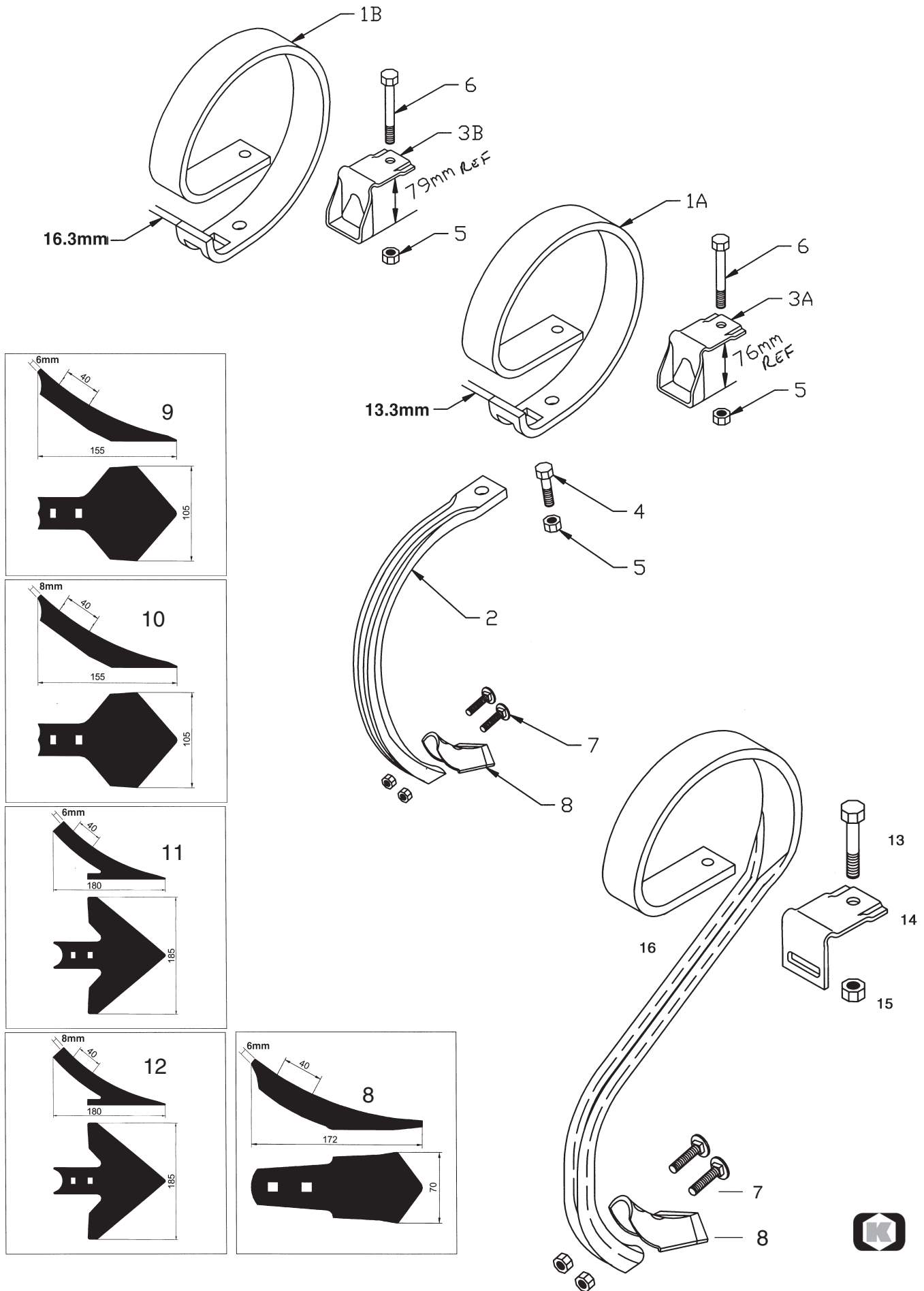
The "Assembly Instructions" references this guide. We suggest having this book on hand during the assembly process.

Accessories may have their own instruction guide. Please read the relevant booklets for instructions on how to perform the installation of accessories. (Harrows, light kit etc.)

Be sure to read and understand the "Owner's Manual" before operating this equipment. It contains information about adjustment settings, operating instructions and safety precautions.

Please fill out and return the Owners Registration and Warranty Form provided in the Owners Manual to activate the warranty.

Tines: VTH-L630 & VTH



5

Center Section Frame Assembly

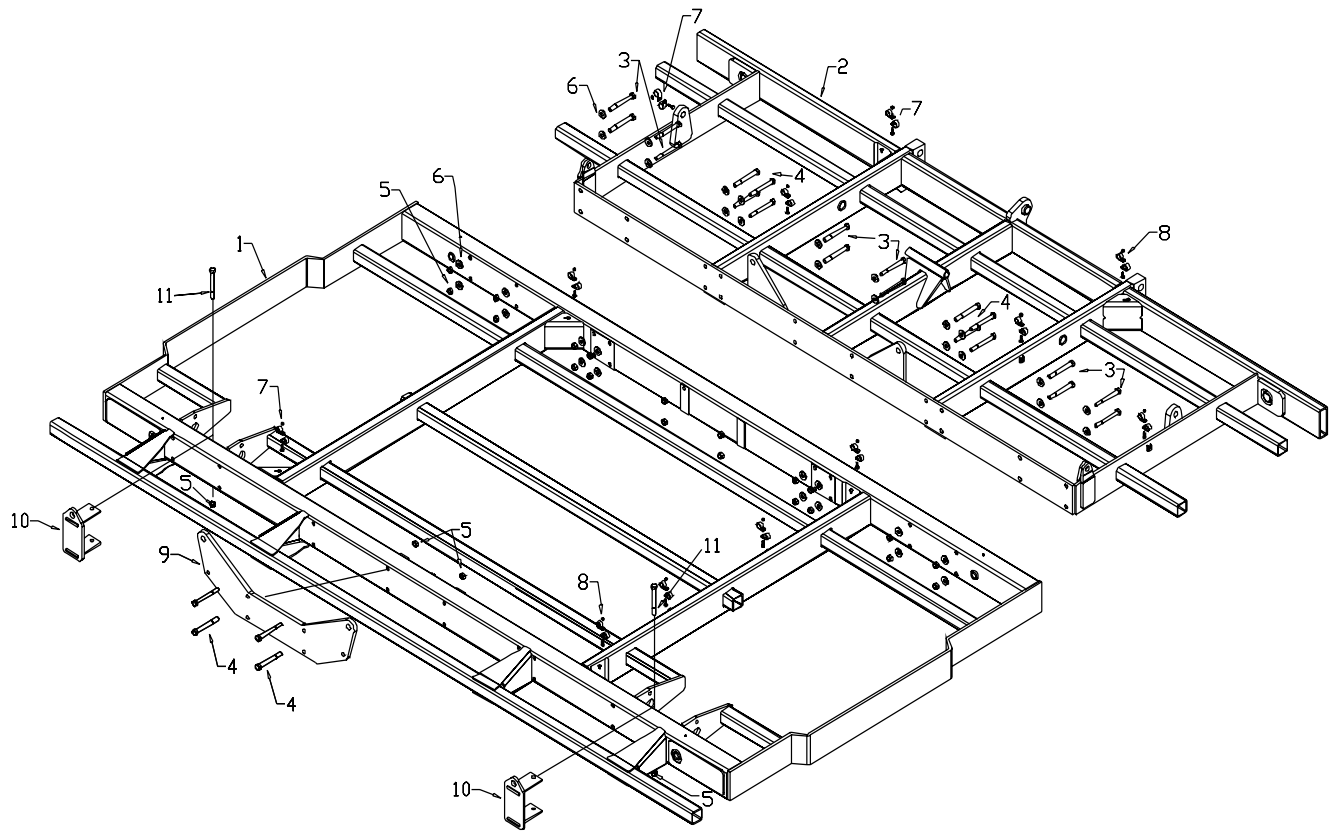


Fig.	Part no.	Description
1	601232218	2800-4m Centre Frame Weldment
2	601232234	2800 Heavy Front Center Frame - 4m
3		Bolt 5/8" x 5-1/2" Gr. 8 Plated
4		Bolt 5/8" x 6" Gr. 8 Plated
5		Locknut 5/8" - Stover
6		Washer 5/8"
7	600470047	Hose Clamp, 1/2"
8	600470007	Hose Clamp, 3/8"
9	601232148	2800 4m Fold Plate
10	601232106	Wing Lock Weldment
11		Bolt 5/8" x 7 1/2" Plated

Self-Levelling Linkage Assembly

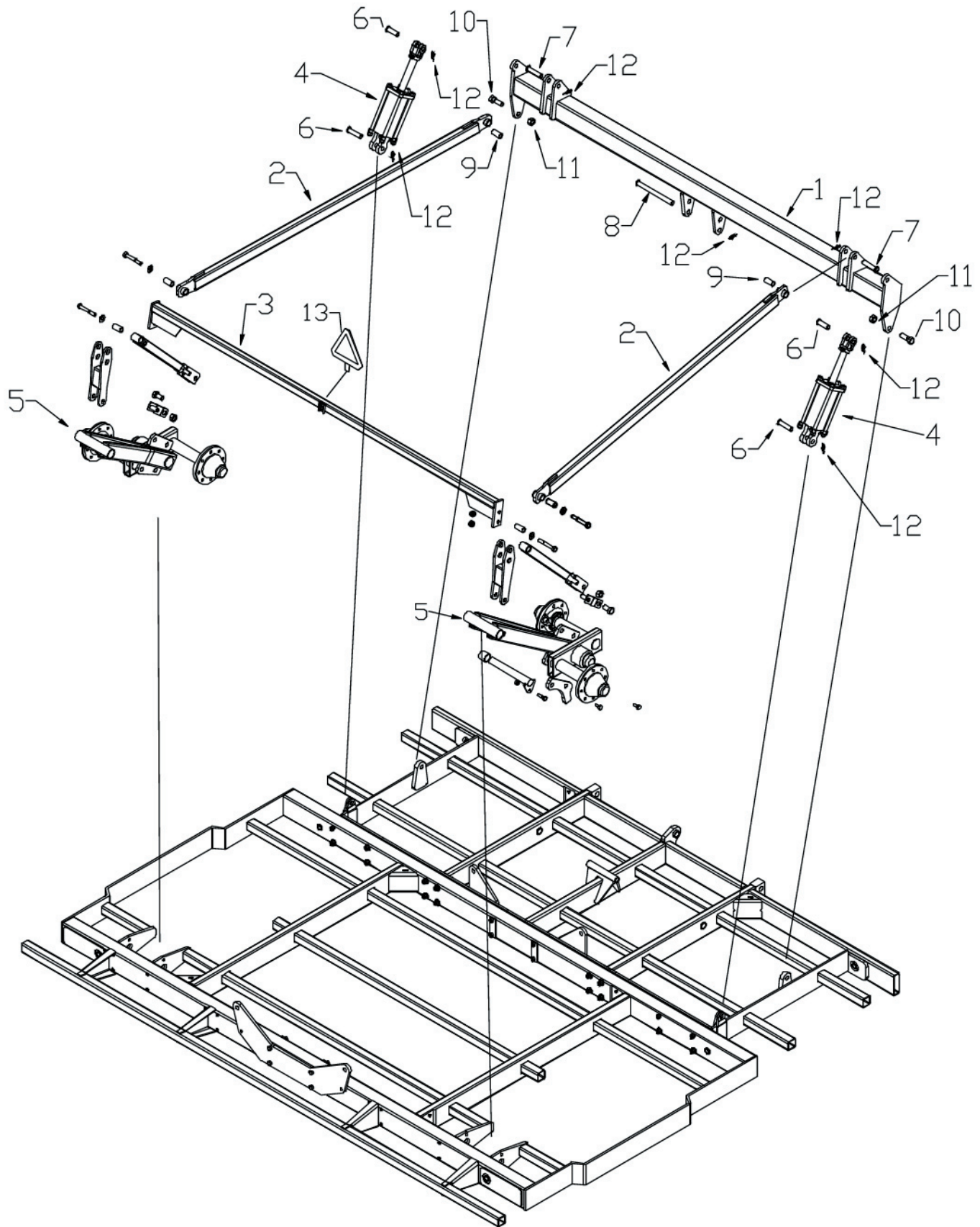


Fig.	Part no.	Description
1	601232163	Pivot Arm dual cylinders
2	601232159	Pivot Connector dual cylinders
3	601232107	Centre Wheel link connector 13' (4m) centre (117" - 2.97m)
4	600474565	3 1/2" x 8" Rephasing Cylinder w/stroke control
5	601231187	2800 8000lb Wheelarm Assembly
6	600383109	Cylinder Base Pin 1" x 3-3/4"
7	600383119	Pin 1" x 4-3/8" (112mm)
8	600383115	Pin 1" x 11-1/2" (291mm)
9	601232050	Center Linkage Spacer Bushing
10		Bolt 1" x 2-1/2" Gr.8 Plated
11		Stover Locknut 1"
12	600383117	Ring Cotter Pin 1"
13	601140845	SMV Sign Assembly

8000 lb Center Tandem Wheel Assembly

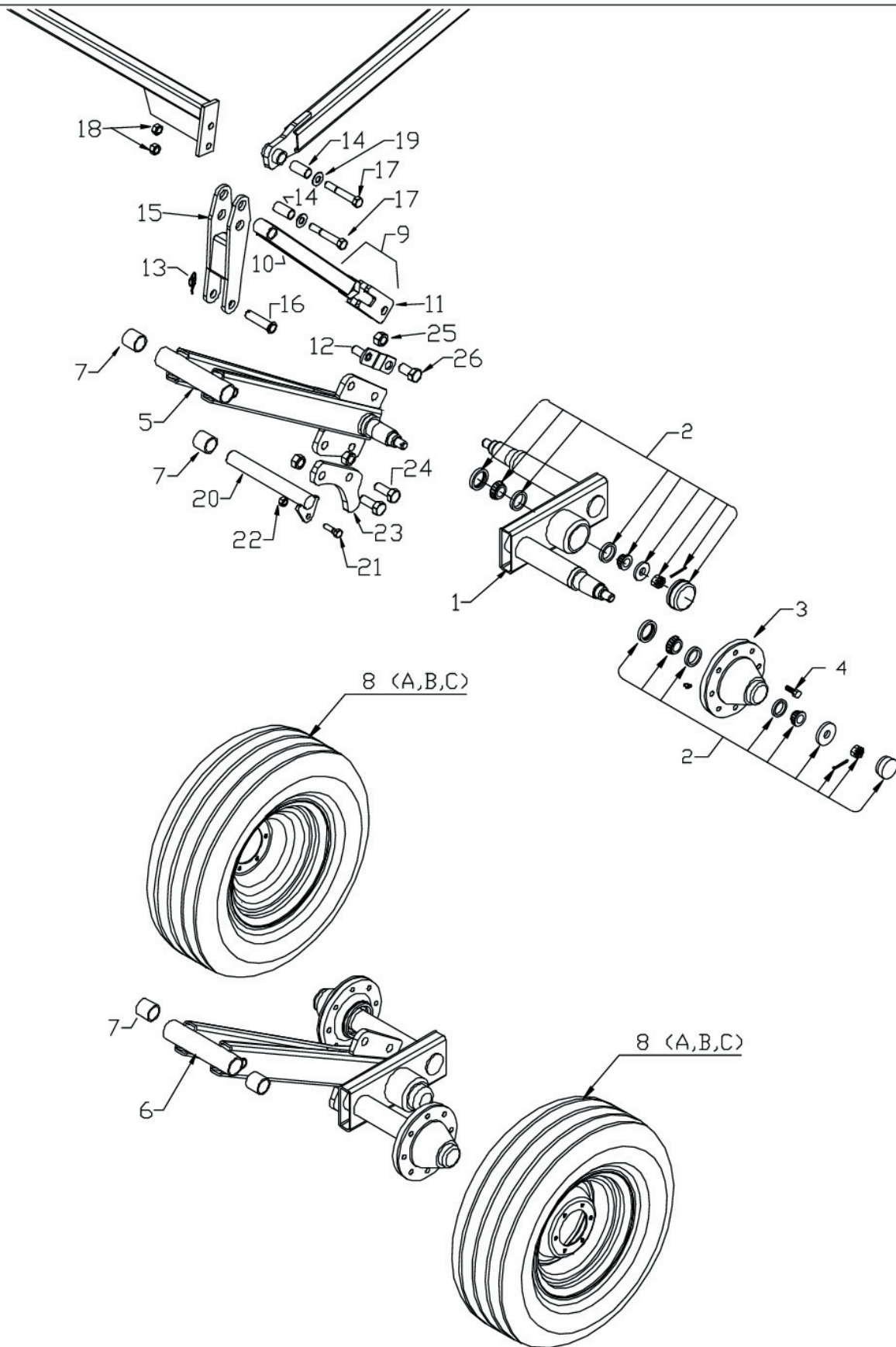


Fig.	Part no.	Description
1	601232197	2800 Series 8000lb Tandem Arm
2	600473059	Hub 8000# - Bearing Kit
3	600473060	Hub 8000#
4		Lug Bolt 5/8"-18
5	601232196	2800 Series 8000lb Wheel Arm
6	601231187	2800 Series 8000lb Tandem Wheel Assembly (Items 1 to 5)
7	601242224	Pivot Bushing
8	600473050	Tire, Tube & Rim Assembly 11L x 15 - 12 Ply 8 Bolt
8A	600473049	Tire 11L x 15 - 12 Ply
8B	600122099	Tube 11L x 15
8C	601140048	Rim 15 x 8 x 6 Bolt
9	601231201	Heavy Centre Wheel Linkage Adjustable Assembly (Items 10 and 11)
10	601232198	Centre Wheel Linkage Tube
11	601232195	Centre Wheel Linkage Eye Bolt
12	601232146	Pin Weldment 1" x 2-3/16" (55mm)
13	600383117	Ring Cotter Pin 1"
14	601232084	Wheel Link Connector Bushing
15	601232081	Centre Wheel Tower
16	600383109	Pin 1" x 3-3/4" (95mm)
17		Bolt 3/4" x 5-1/2" Gr. 8 Plated
18		Stover Locknut 3/4"
19		Washer 3/4" Plated
20	601232033	Wheel Axle
21		Bolt 5/8" x 2" Gr. 8 Plated
22		Stover Locknut 5/8"
23	601232143	Wheel Block
24		Bolt 1" x 2-1/2" Gr. 8 Plated
25		Stover Locknut 1"

33' (1.0M) Wing Frame Assembly

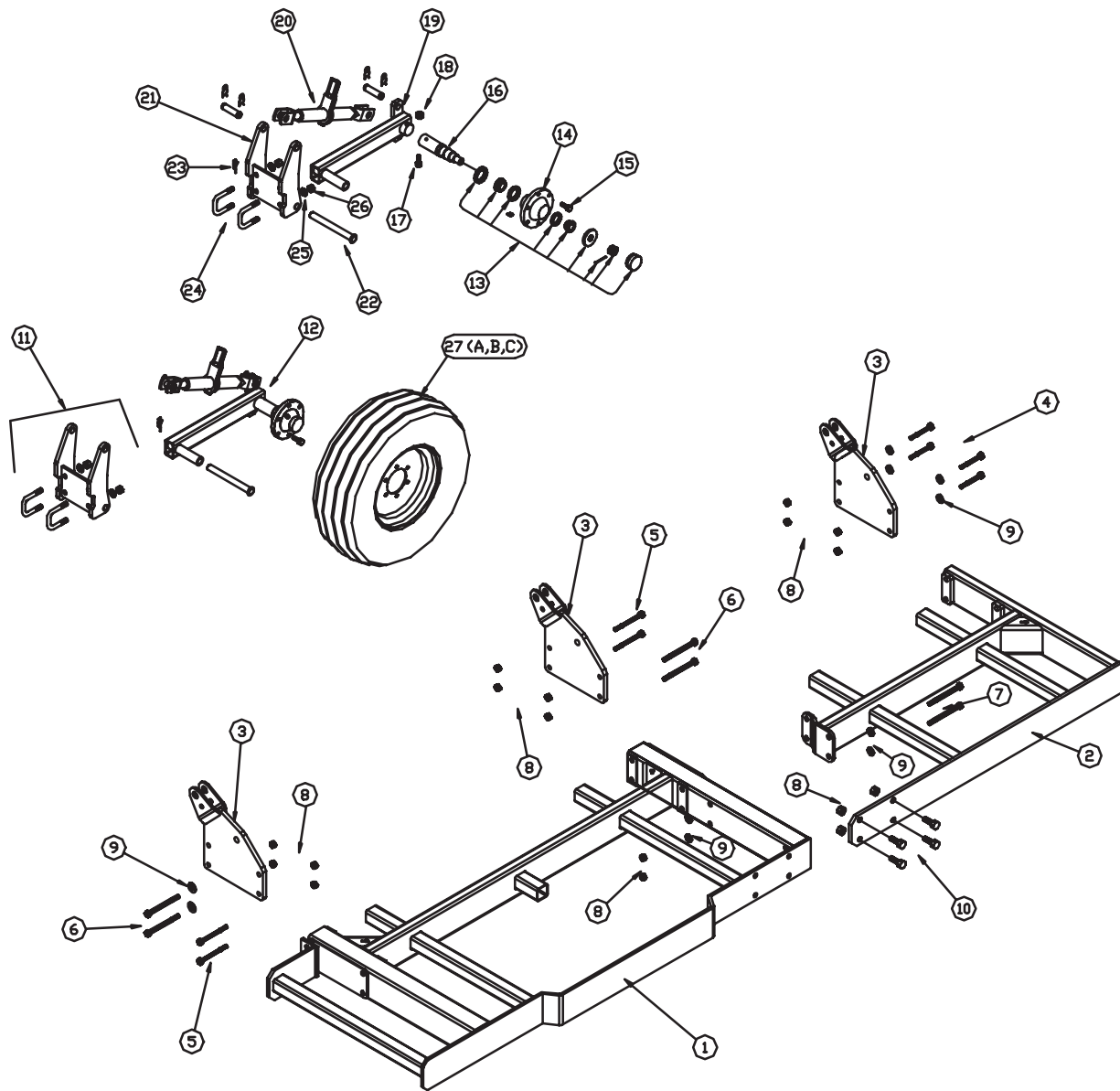


Fig.	Part no.	Description
1	601232124	2800 1.0 (33'-10m) Wing Frame Weldmenr
2	601232166	2800 1.0 (33'-10m) Heavy Wing Frame Weldmenr
3	601232206	2800 Double Fold Outside Hinge
4		Bolt 3/4" x 4"
5		Bolt 3/4" x 6 1/2"
6		Bolt 3/4" x 7"
7		Bolt 3/4" x 5 1/2"
8		Locknut 3/4" Stover
9		Washer 3/4" Plated
10		Bolt 3/4" x 2"
11	601231058	Gauge Wheel Mounting Bracket Assembly with U Bolts
12	601231051	Gauge Wheel Arm Assembly with Turnbuckle and Axle Pin
13	600473002	Hub 5000 lbs - Bearing Kit
14	606001186	Hub 5000 lbs
15	600373006	Lug Bolt 9/16" - 18
16	601232305	Spindle
17		Bolt 1/2" x 3" GR 8 Plated
18		Stover Locknut 1/2"
19	601232079	Gauge Wheelarm
20	600600248	Turnbuckle Adjuster Assembly (include clevis pins & clips)
21	601232077	Gauge Wheel Mounting Bracket
22	600383114	Pin 1" x 8 1/2" (216 mm)
23	600383117	Ring Cotter Pin 1"
24	600343083	U-Bolt 5/8" x 2 1/2" x 3 3/4" Plated
25		Washer 5/8" Plated
26		Stover Locknut 5/8"
27	600114061	Tire, Tube, & Rim Assembly 950 x 15 - 8 Ply - wing
27A	600473008	Tire 950 x 15 - 8 Ply
27B	600473010	Tube 950 x 15
27C	601140089	Rim 15 x 8 x 6 Bolt
		Only for the 10m - 33' Double Fold

Inside Wing Assembly

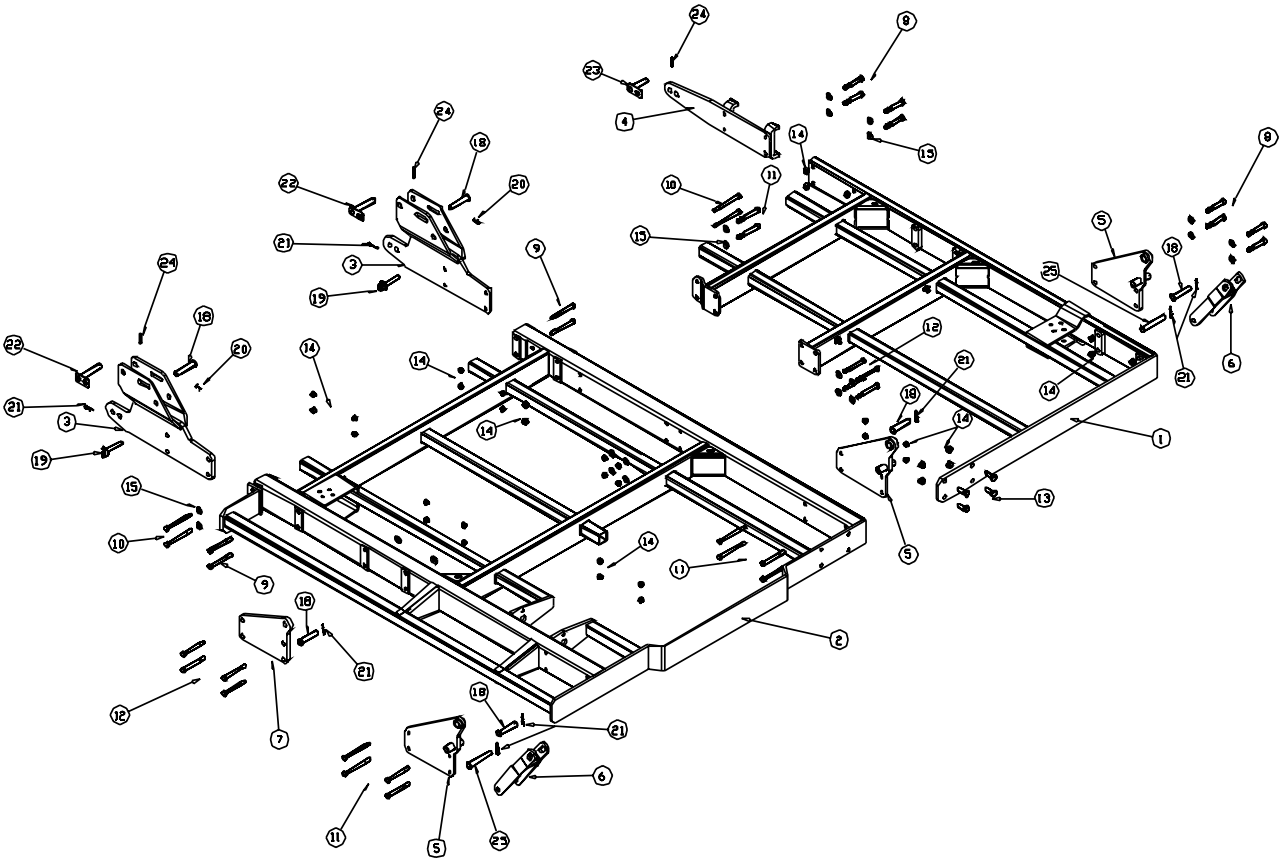


Fig.	Part no.	Description
1	601232157 601232158 601232155	2800 2.0m (33' - 10m & 36' - 11m) Heavy Front Wing Frame Weldment 2800 2.5m (40' - 12m & 43' - 13m) Heavy Front Wing Frame Weldment 2800 3.0m (46' - 14m & 50' - 15m) Heavy Front Wing Frame Weldment
2	601232122 601232121 601232120	2800 2.0m (33' - 10m & 36' - 11m) Front Wing Frame Weldment 2800 2.5m (40' - 12m & 43' - 13m) Front Wing Frame Weldment 2800 3.0m (46' - 14m & 50' - 15m) Front Wing Frame Weldment
3	601232141	Rear Hinge Weldment
4	601232220	Front Hinge Plate
5	601232205	2800 Double Fold Inside Wing Hinge
6	601232208	2800 Flat-Fold Pivot Member
7	601232210	2800 Flat-Fold Anchor Plate
8		Bolt 3/4" x 4"
9		Bolt 3/4" x 6 1/2"
10		Bolt 3/4" x 7"
11		Bolt 3/4" x 5 1/2"
12		Bolt 5/8" x 5 1/2"
13		Bolt 3/4" x 2"
14		Stover Locknut 3/4"
15		Washer 3/4" Plated
16		Stover Locknut 5/8"
17		Washer 5/8" Plated
18	600383118	Pin 1" x 4 7/8"
19	600383122	Wing Lock Pin Assembly with Lynch Pin
20		Lynch Pin (Included with Item 19)
21	600383117	Ring Cotter 1"
22	601232217	Hinge Pin
23	601232238	Front Hinge Pin
24	601383013	Roll Pin 3/8" x 2 1/2"
25		Pin

Outside Wing Assembly

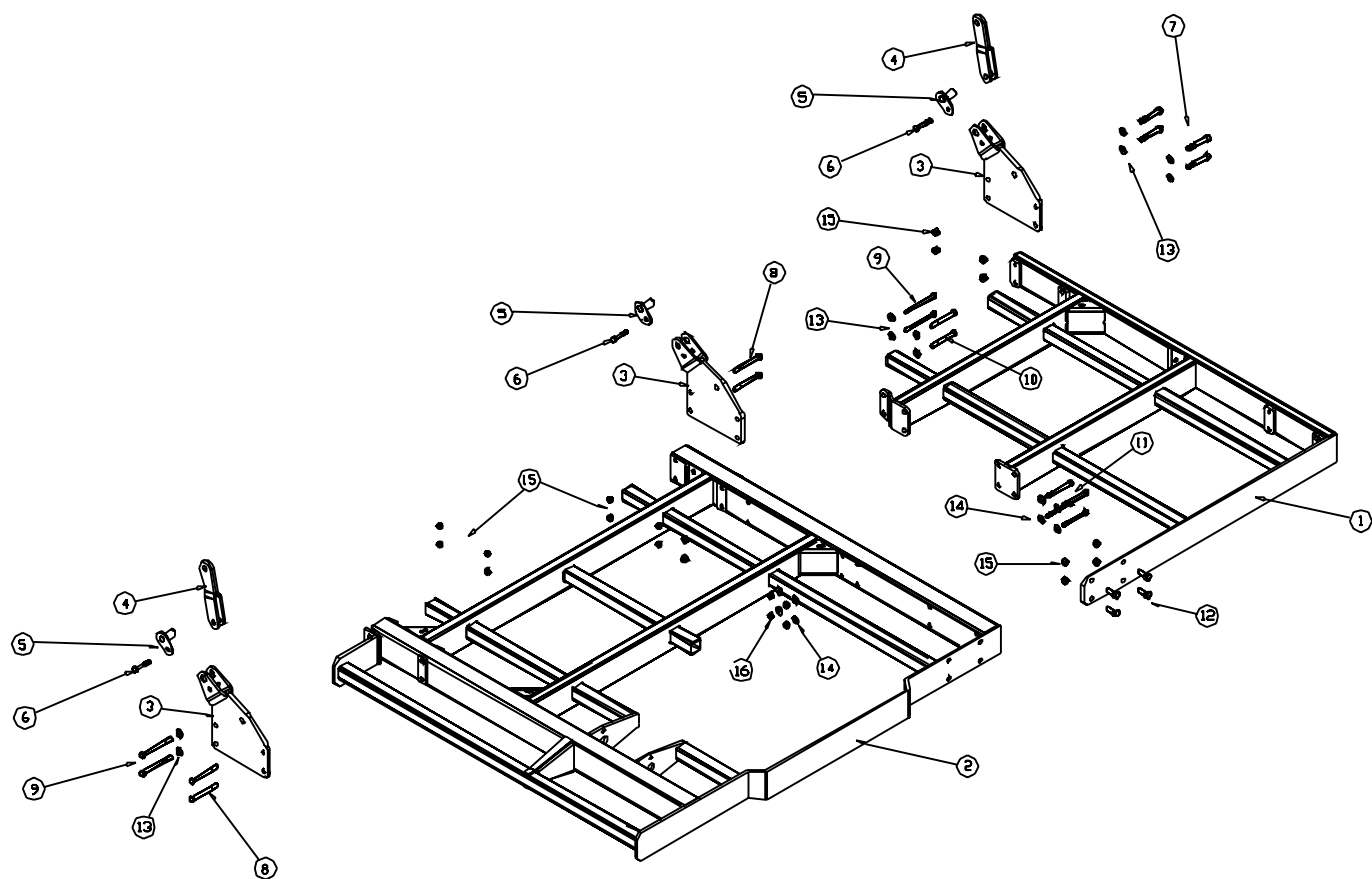


Fig.	Part no.	Description
1	601232167 601232157 601232158	2800 1.5m (36' - 11m & 40' - 12m) Heavy Front Wing Frame Weldment 2800 2.0m (43' - 13m & 46' - 14m) Heavy Front Wing Frame Weldment 2800 2.5m (50' - 15m) Heavy Front Wing Frame Weldment
2	601232123 601232122 601232121	2800 1.5m (36' - 11m & 40' - 12m) Front Wing Frame Weldment 2800 2.0m (43' - 13m & 46' - 14m) Front Wing Frame Weldment 2800 2.5m (50' - 15m) Front Wing Frame Weldment
3	601232206	2800 Double Fold Outside Wing Hinge
4	601232207	2800 Flat-Fold Cylinder Extension
5	601232211	Double Fold Hinge Pin
6		Bolt 1/2" x 1 1/4" Plated
7		Bolt 3/4" x 4 1/2" Plated
8		Bolt 3/4" x 6 1/2" Plated
9		Bolt 3/4" x 7" Plated
10		Bolt 3/4" x 5 1/2" Plated
11		Bolt 5/8" x 5 1/2" Plated
12		Bolt 3/4" x 2" Plated
13		Washer 3/4" Plated
14		Washer 3/4" Plated
15		Stover Locknut 3/4"
16		Stover Locknut 5/8"

Wing Wheel Linkage Assembly

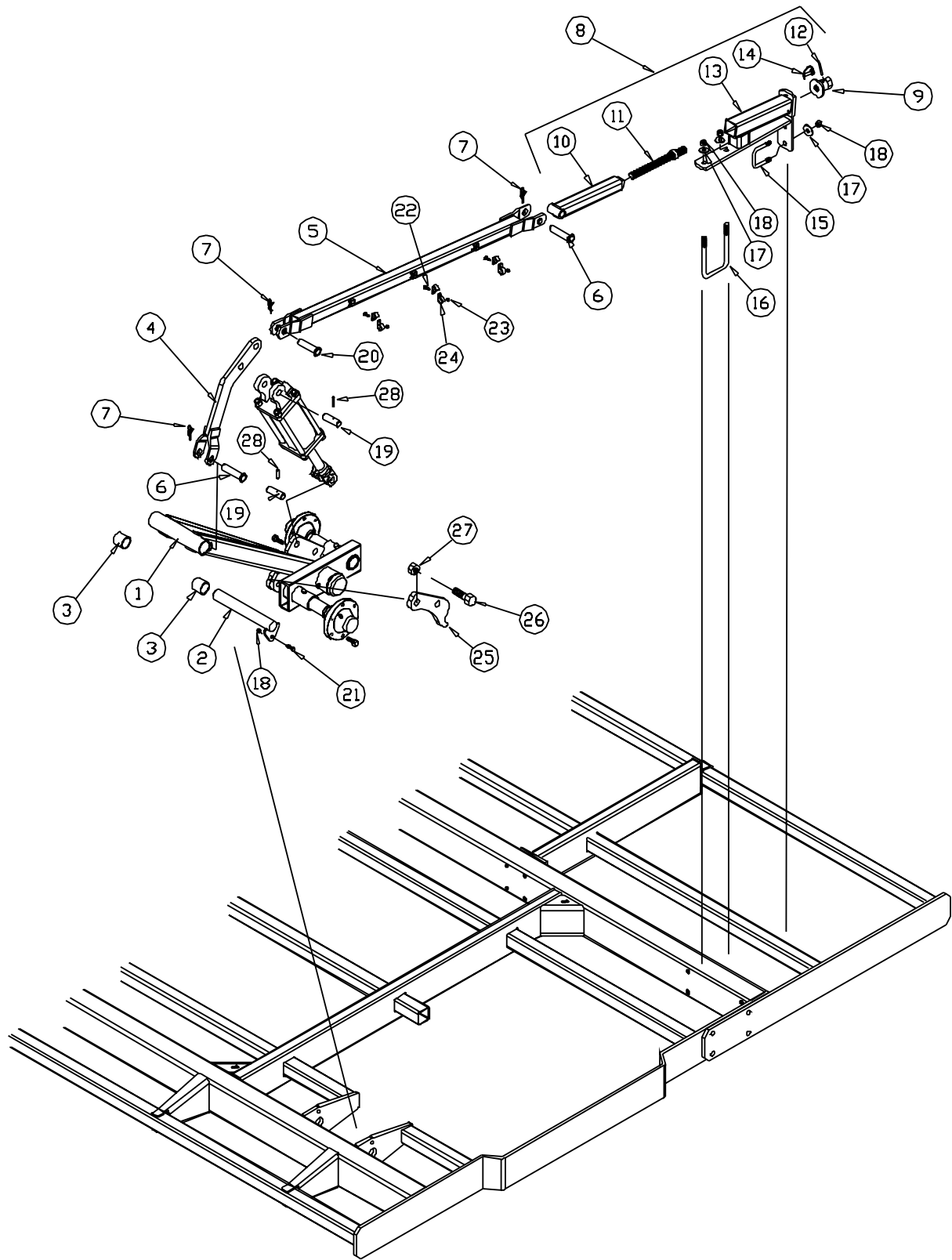


Fig.	Part no.	Description
1	601231135	Tandem Wheel Arm Assembly
2	601232033	Wheel Axle Weldment
3	601242224	Pivot Bushing
4	601232199	Wing Wheel Tower
5	601232144	Wing Wheel Linkage
6	600383109	Pin 1" x 3-3/4" (95mm)
7	600383117	Ring Cotter Pin 1"
8	601231043	Wing Slider Housing Assembly (Items 9 to 14)
9	601242378	Adjustment Casting 1" ACME
10	601242342	Adjustment Slider 1" ACME
11	601242356	Wheel Adjustment Thread 1" ACME
12	600383051	Roll Pin 10mm x 40mm
13	601232076	Wing Slider Housing
14	600383050	Pin 3/8" - Tab Lock
15	600373066	U-Bolt 5/8" x 2-1/2" x 3-3/4" Plated
16	601019049	U-Bolt 5/8" x 4" x 7-1/4" Plated
17		Washer 5/8 Plated
18		Stover Locknut 5/8"
19	601383124	Wing Cylinder Pin
20	600383108	Pin 1" x 2-1/4" (55mm)
21		Bolt 5/8" x 2" Gr. 8 Plated
22		Carriage Bolt 1/4" x 1" Plated
23		Locknut 1/4"
24	600470047	Hose Clamp 1/2"
25	601232143	Wheel Block
26		Bolt 1" x 2-1/2" Gr. 8 Plated
27		Stover Locknut 1"
28	600383013	Roll Pin 3/8" x 2-1/2"

Three Point Hitch Assembly

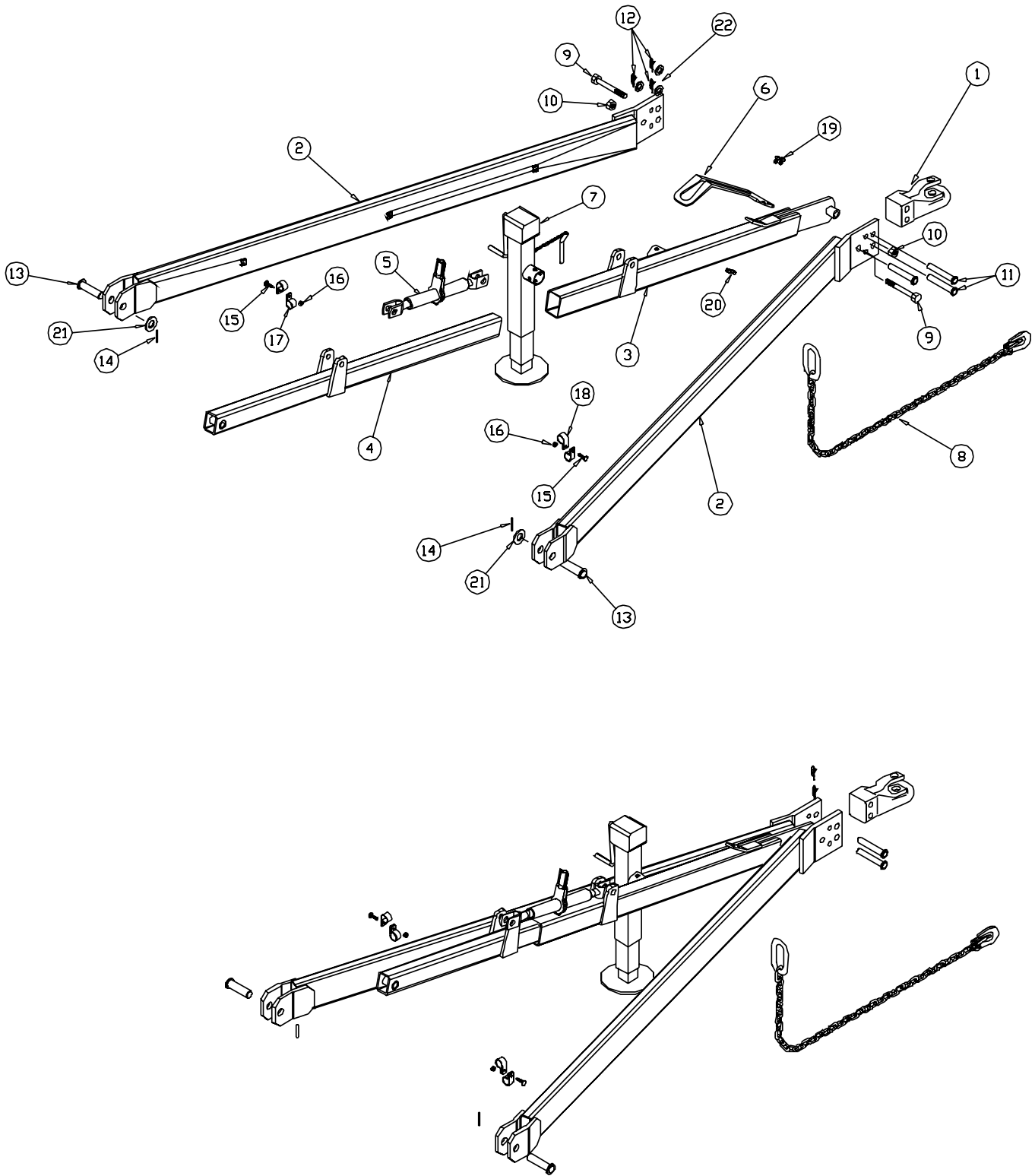


Fig.	Part no.	Description
1	601140769	Hitch - Cat 2/3 Combination Double Clevis
2	601232222	2800 Series Hitch Weldment
3	601232229	2800 Sliding Top Link Outer Tube Weldment
4	601232230	2800 Sliding Top Link Inner Tip Weldment
5	600600248	Turnbuckle SL 1541 with Pins
6	600232233	Hose Holder Tower
7	601231223	Jack Twl 190 DI - B
8	600461011	A.S.A.E. 20,000 lbs Safety Chain Assembly
9		Bolt 3/4" x 6 1/2"
10		Locknut 3/4" Stover
11	600461011	Pin 1" x 5 3/4" - 145mm
12	600383117	Ring Cotter Pin 1"
13	600383121	Pin 1 1/4" x 3 3/4" - 95mm
14	600383013	Roll Pin 3/8" x 2 1/2"
15		Carriage Bolt 1/4" x 1"
16		Locknut 1/4"
17	600470470	Hose Clamp 1/2"
18	600470007	Hose Clamp 3/8"
19		Bolt 1/2" x 1 1/2"
20		Locknut 1/2" Stover
21		Washer 1 1/4"
22		Washer 1"

Inside Wing Cross Brace

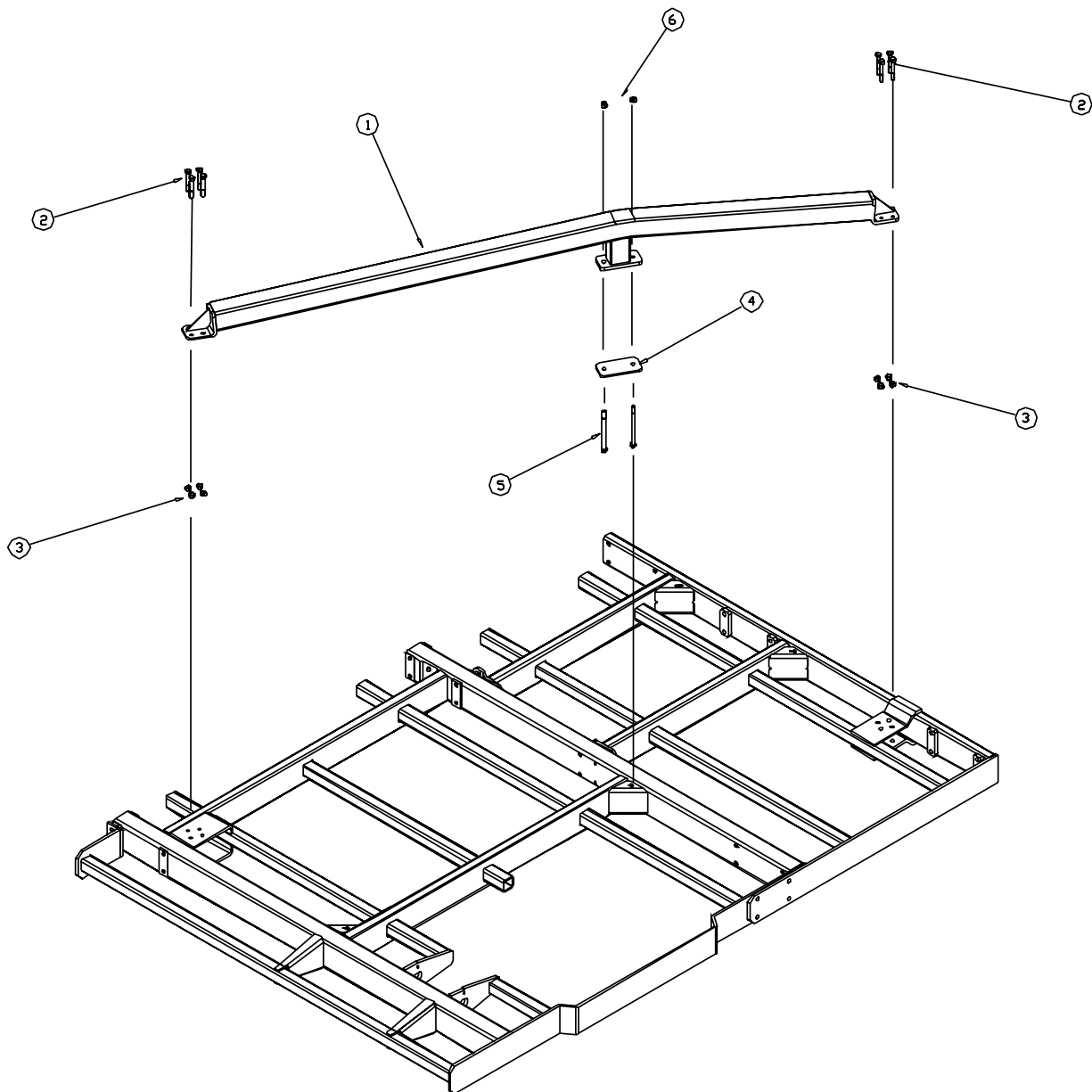


Fig.	Part no.	Description
1	601232201	2800 Wing Cross Brace
2		Bolt 5/8 x 2-3/4" Gr. 8
3		Locknut 5/8
4	601232202	2800 Wing Cross Brace Backing Plate
5	600355006	Bolt 3/4" x 8"
6		Locknut 3/4"

Single Point Components

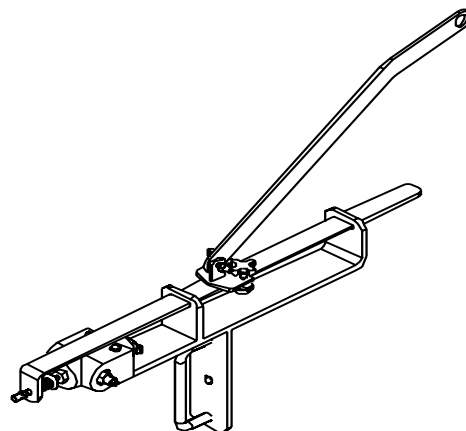
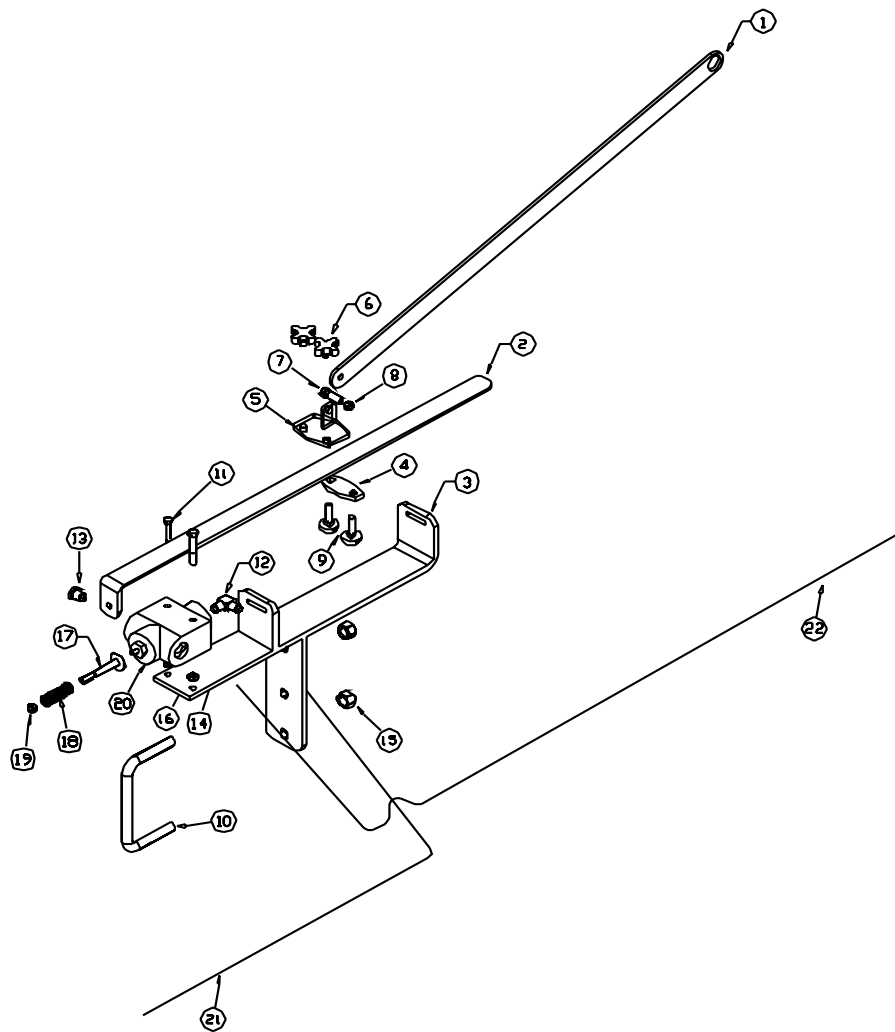


Fig.	Part no.	Description
1	601232192	2800 Single Point Mount Weldment
2	601140548	Trigger Bar
3	601140542	Slide Plate for Single Point Hydraulics
4	601140566	Clamp Plate
5	601232194	2800 Heavy Front Frame Wide Center Single Point Connector
5A	601232214	2800 Restil Narrow Center Single Point Connector
6	601140554	Torque Knobs
7	600361035	Carriage Bolt 3/8" x 1-1/4"
8	600373099	U-Bolt 1/2" x 6" x 3"
9		Bolt 5/16" x 2-1/4"
10		5/16" Locknut
11		1/2" Locknut
12	601140555	Striker Bolt 3/8" x 3"
13	601140556	Striker Spring
14		3/8" locknut
15	600470048	Straight Joiner 1/2" O-Ring x 1/2" JIC
15A	600470338	1/2" O-Ring Hex Plug 6408-08 (On Narrow Models)
16	600470049	Elbow 1/2" O-ring x 1/2" JIC
17	600470070	Bolt 3/8" x 1-1/4"
18		Locknut 3/8"
19		Valve for Single Point Hydraulics
		(601231203 2800 Single Point Kit)

Self Leveling Hydraulics

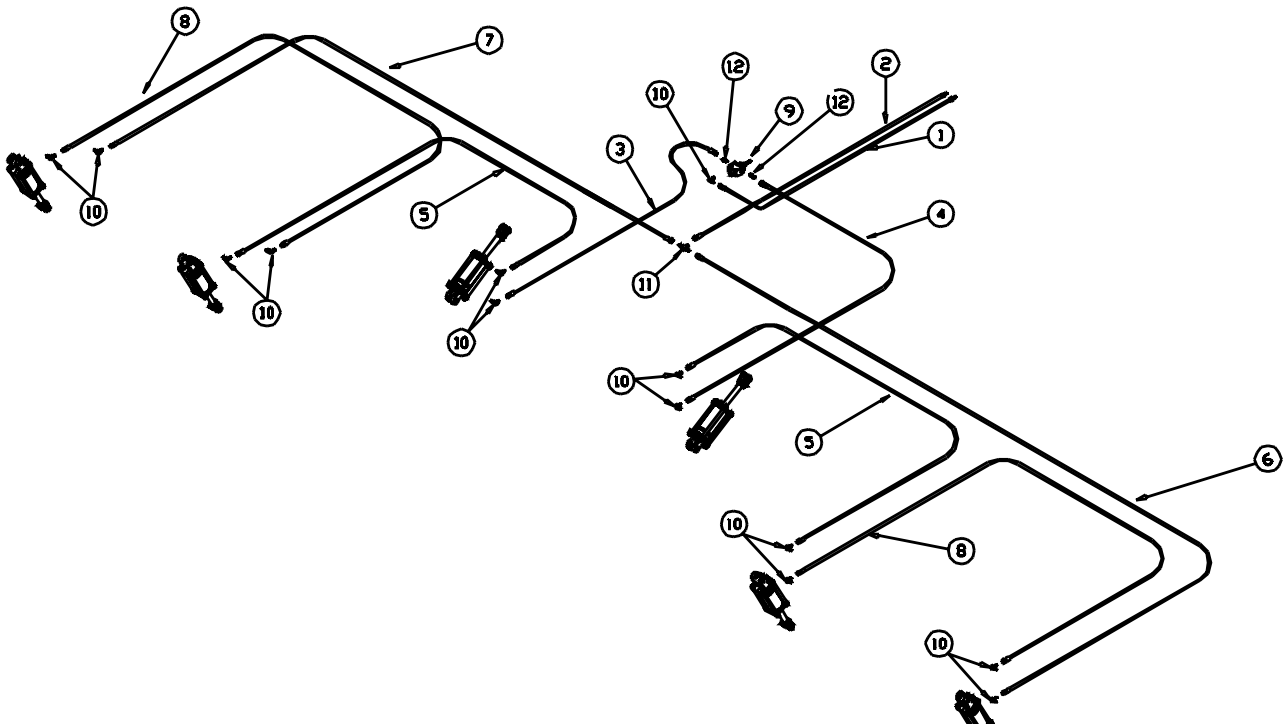
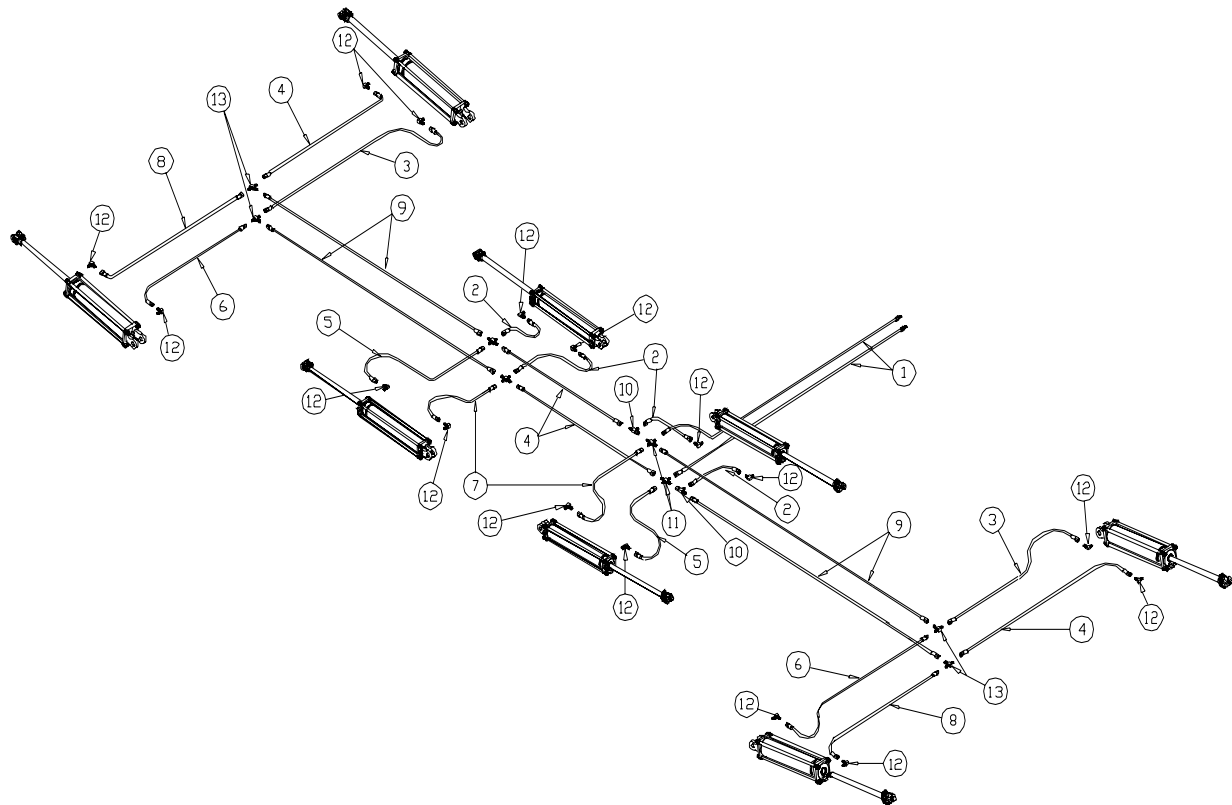


Fig.	Part no.	Description
1		1/2" Hose 1/2" Pipe x 1/2" JIC - 175"
2		1/2" Hose 1/2" Pipe x 1/2" JIC - 200"
3		1/2" Hose 1/2" JIC x 1/2" JIC - 75"
4		1/2" Hose 1/2" JIC x 1/2" JIC - 185"
5		1/2" Hose 1/2" JIC x 1/2" JIC - 175" (2800 - 10M - 33' & 2800 - 11M - 36') 1/2" Hose 1/2" JIC x 1/2" JIC - 195" (2800 - 12M - 40' & 2800 - 13M - 43') 1/2" Hose 1/2" JIC x 1/2" JIC - 215" (2800 - 14M - 46' & 2800 - 15M - 50')
6		1/2" Hose 1/2" JIC x 1/2" JIC - 260" (2800 - 10M - 33') 1/2" Hose 1/2" JIC x 1/2" JIC - 320" (2800 - 11M - 36') 1/2" Hose 1/2" JIC x 1/2" JIC - 340" (2800 - 12M - 40') 1/2" Hose 1/2" JIC x 1/2" JIC - 360" (2800 - 13M - 43') 1/2" Hose 1/2" JIC x 1/2" JIC - 380" (2800 - 14M - 46') 1/2" Hose 1/2" JIC x 1/2" JIC - 400" (2800 - 15M - 50')
7		1/2" Hose 1/2" JIC x 1/2" JIC - 205" (2800 - 10M - 33') 1/2" Hose 1/2" JIC x 1/2" JIC - 265" (2800 - 11M - 36') 1/2" Hose 1/2" JIC x 1/2" JIC - 285" (2800 - 12M - 40') 1/2" Hose 1/2" JIC x 1/2" JIC - 305" (2800 - 13M - 43') 1/2" Hose 1/2" JIC x 1/2" JIC - 325" (2800 - 14M - 46') 1/2" Hose 1/2" JIC x 1/2" JIC - 400" (2800 - 15M - 50')
8		1/2" Hose 1/2" JIC x 1/2" JIC - 195" (2800 - 10M - 33') 1/2" Hose 1/2" JIC x 1/2" JIC - 215" (2800 - 11M - 36' & 2800 - 12M - 40') 1/2" Hose 1/2" JIC x 1/2" JIC - 235" (2800 - 13M - 43' & 2800 - 14M - 46') 1/2" Hose 1/2" JIC x 1/2" JIC - 255" (2800 - 15M - 50')
9	600470070	Single Point Hydraulic Valve
10	600470124	Elbow 1/2" ORB x 1/2" JM x 90°
11	600470003	Tee 1/2" JIC x 1/2" JIC x 1/2" JIC
12	600470048	Straight 1/2" O-Ring x 1/2" JIC

43', 46', & 50' Fold Hydraulics



33', 36', & 40' Fold Hydraulics

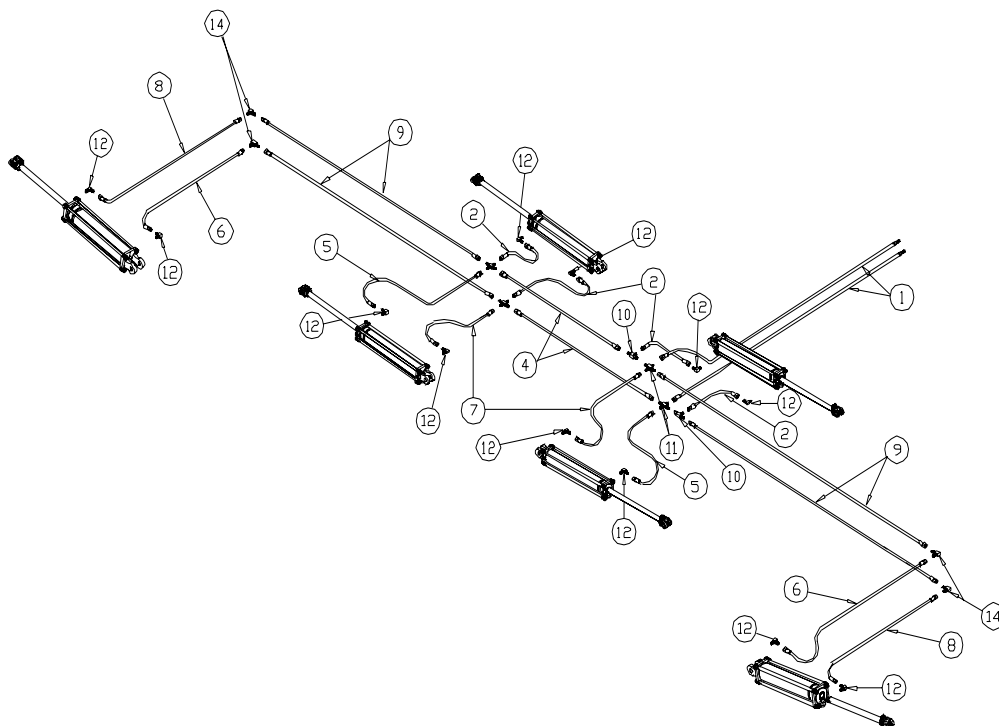


Fig.	Part no.	Description
1		3/8" Hose 1/2" PM x 3/8" JF - 220"
2		3/8" Hose 3/8" JF x 3/8" JF - 20"
3		3/8" Hose 3/8" JF x 3/8" JF - 70" (2800 13M - 43' , 14M - 46' & 15M - 50')
4		3/8" Hose 3/8" JF x 3/8" JF - 80"
5		3/8" Hose 3/8" JF x 3/8" JF - 85"
6		3/8" Hose 3/8" JF x 3/8" JF - 90"
7		3/8" Hose 3/8" JF x 3/8" JF - 95"
8		3/8" Hose 3/8" JF x 3/8" JF - 100"
9		3/8" Hose 3/8" JF x 3/8" JF - 110"
10	600470296	Tee 3/8" JIC x 3/8" JIC(FS) x 3/8" JIC (A6602-06)
11	600470125	Cross 3/8" JIC
12	600470124	Elbow 1/2" O-ring x 3/8" JIC
13	600470003	Tee 3/8" JIC (2800 13M - 43' , 14M - 46' & 15M - 50')
14	600470049	Elbow 3/8" JIC x 3/8" JIC

Cylinders

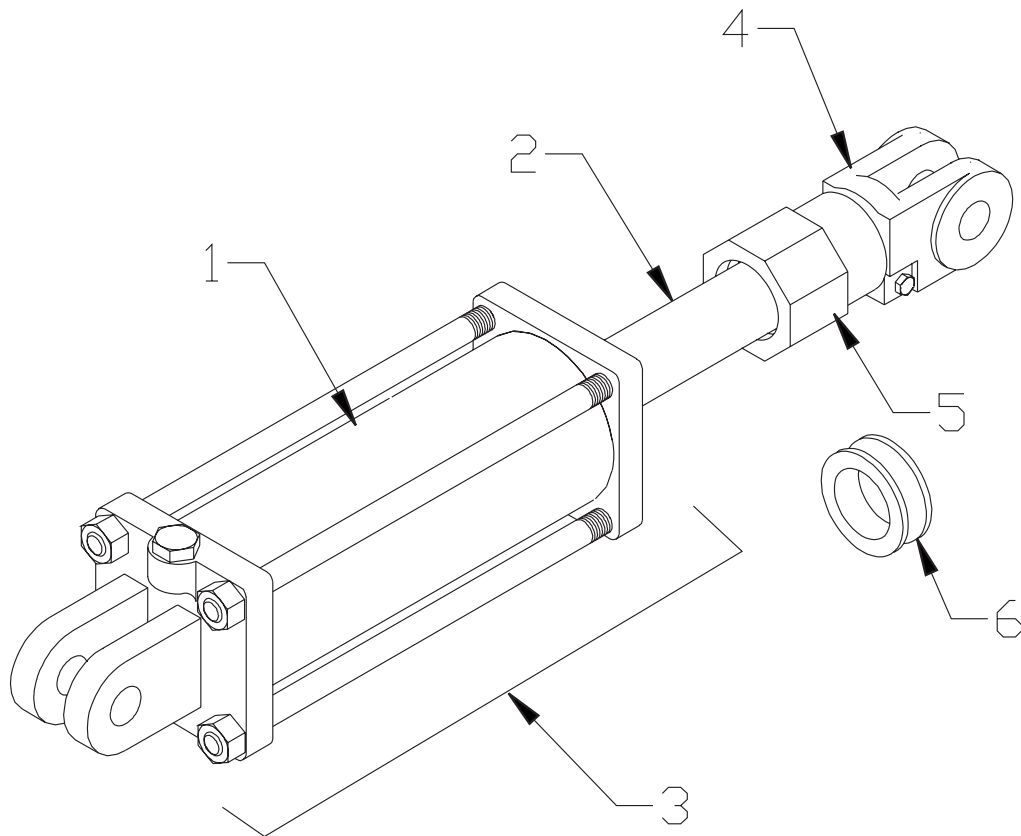


Fig.	Part no.	Description
1	600474551	4-1/2 X 8 REPHASING CYL W/STROKE CONTROL
2	600474555	CYLINDER ROD 4-1/2 x8 RPH
3	600474518	SEAL KIT 4-1/2 RPH (4A7104)
4	600474554	CLEVIS
5	600474542	MECHANICAL DEPTH STOP
6	600474513	CYLINDER STOP COLLAR
1	600474503	4-1/4 X 8 REPHASING CYLINDER
2	600474533	CYLINDER ROD 4-1/4 x 8
3	600474517	SEAL KIT 4-1/4 RPH (4A6103)
4	600474432	CLEVIS
1	600474504	4.00 X 8 REPHASING CYLINDER
2	600474529	CYLINDER ROD 4 x 8
3	600474461	SEAL KIT 4.0 RPH (4A5103)
4	600474432	CLEVIS
1	600474565	3-1/2 X 8 REPHASING CYL W/STROKE CONTROL
2		CYLINDER ROD 3-1/2 x8 RPH
3		SEAL KIT 3-1/2 RPH
4		CLEVIS
5		MECHANICAL DEPTH STOP
6	600474513	CYLINDER STOP COLLAR
1	600474566	3-1/4 X 8 REPHASING CYL
2		CYLINDER ROD 3-1/4 x 8 RPH
3		SEAL KIT 3-1/4 RPH
4		CLEVIS
1	600474564	3 X 8 REPHASING CYL
2		CYLINDER ROD 3 x8 RPH
3		SEAL KIT 3 RPH
4		CLEVIS
1	600474563	2-3/4 X 8 REPHASING CYL
2		CYLINDER ROD 2-3/4x8 RPH
3		SEAL KIT 2-3/4 RPH
4		CLEVIS
1	600474562	2-1/2" X 8 REPHASING CYL
2		CYLINDER ROD 2-1/2 x 8 RPH
3		SEAL KIT 2-1/2" RPH
4		CLEVIS
1	600474557	4.0 X 24 CYLINDER (2001)
2	600474558	CYLINDER ROD 4.0 x 24
3	600474559	SEAL KIT 4.0 x 24 (5A6104)
4	600474554	CLEVIS
		All 2800 Cylinders Manufactured by Midway - 2005

NOTES: