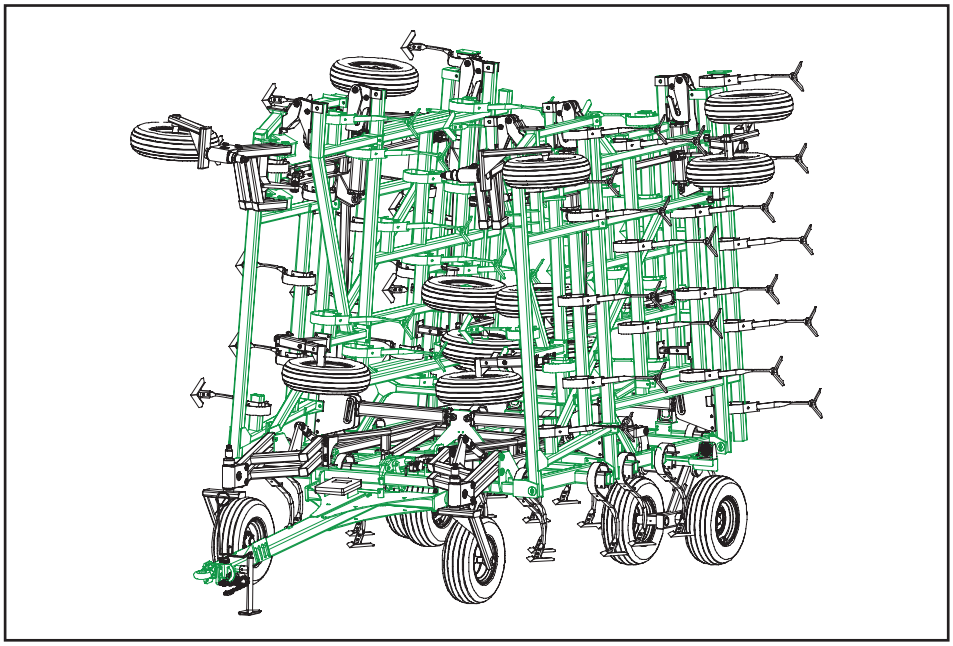
Parts Manual

FCF8513M
Field Cultivator

Great Plains
Manufacturing, Inc.
www.greatplainsmfg.com

Read the operators manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!



Illustrations may show optional equipment not supplied with standard unit.

ORIGINAL INSTRUCTIONS

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620-164P

EN

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Using This Manual

This manual is divided into sections. The first section contains General Information, a Table of Contents and an Alphabetical Page Index. The remaining sections divide the machine into segments (i.e. Frames, Hydraulics, etc.) which illustrate and list all parts.

The Great Plains parts in this manual are specially designed for this machine and should be replaced with Great Plains parts only.

The information in this manual is current at printing. Some parts may change to assure top performance.

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel while in use.

Below is an example of two facing pages from a parts manual. Familiarize yourself with the contents of these pages.

Manual Replacement

Replacement manuals are available. Refer to your dealer for additional information.

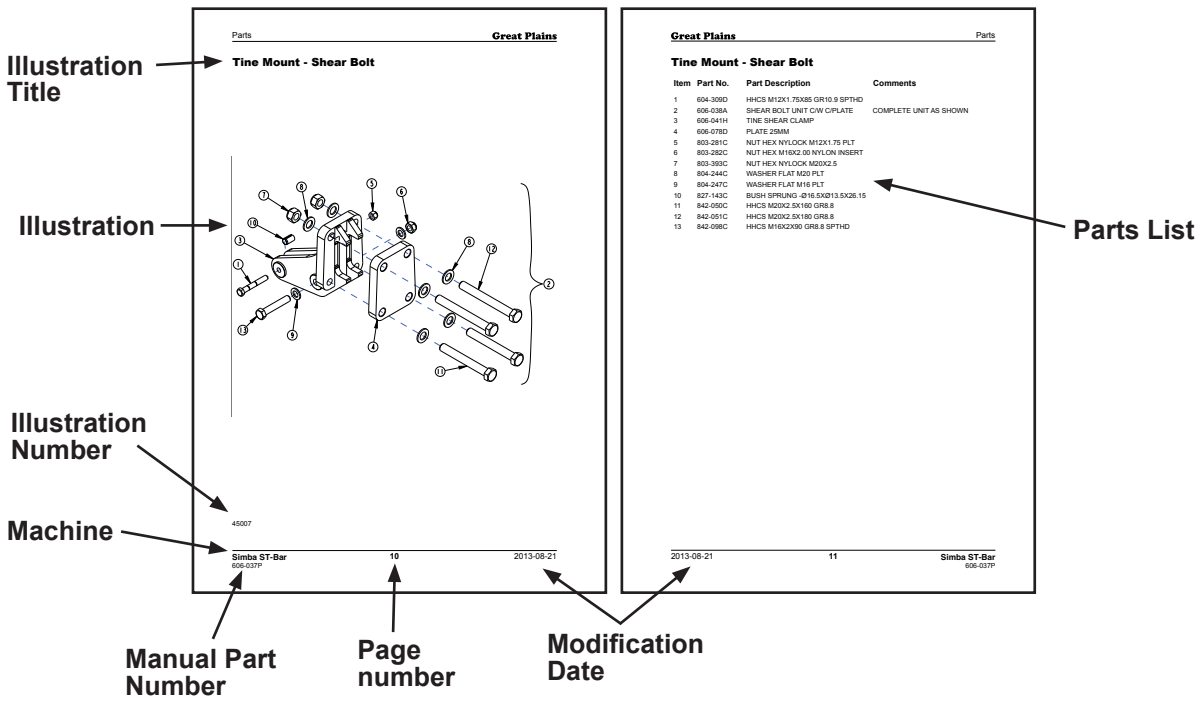
Manual Revisions

When this manual is revised, the modification date is printed on the front cover and on the revised page(s).

Touch-up Paint

Repaint parts where paint is worn or scratched to prevent rust. Aerosol touch-up paint is available. To order use Great Plains parts numbers below:

GP Green	821-001C
GP Black	821-002C



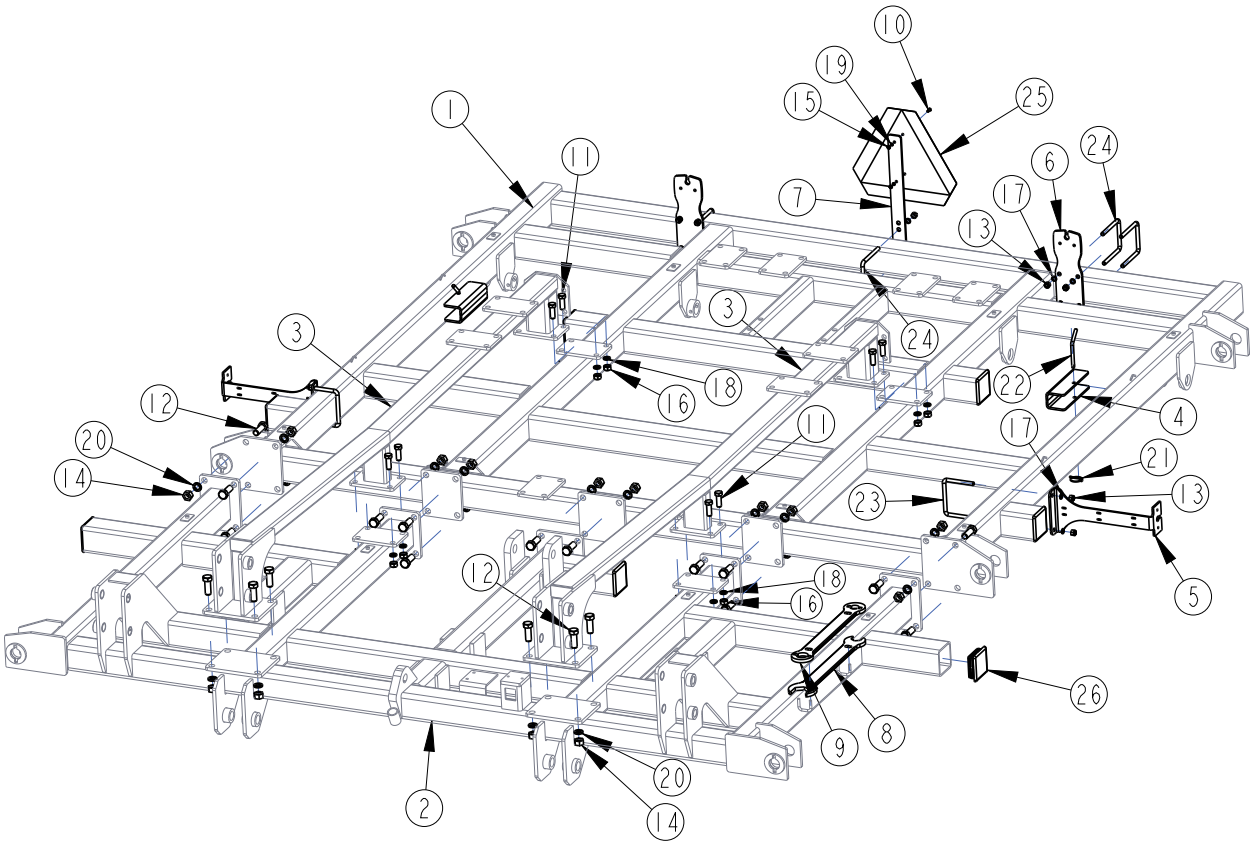
Hardware Legend

ADJ	Adjuster
AR	As Required
BSP	British Standard Pipe
C	Cap Screw
CP	Cotter Pin
CPHSSS	Cup Point Hex Socket Set Screw
CPSHSS	Cup Point Square Head Set Screw
CPSQHSS	Cup Point Square Head Set Screw
CRFCHMS	Cross Recess Flat Countersunk Head Mach. Screw
CRPHMS	Cross Recess Pan Head Machine Screw
CRPHTFS	Cross Recess Pan Head Thread Forming
CRRHMS	Cross Recess Round Head Machine Screw
CRTHMS	Cross Recess Truss Head Machine Screw
CSNB	Countersunk Square Neck Bolt
FHMS	Flat Head Machine Screw
FTC	Full Thread Cap Screw
H	Hex Nut
HCLN	Hex Center Lock Nut
HFLCS	Hex Flange Lock Cap Screw
HFS	Hex Flange Screw
HFSLN	Hex Flange Serrated Lock Nut
HFSS	Hex Flange Serrated Screw
HHCS	Hex Head Cap Screw or Metric Bolt
HSBHCS	Hex Socket Button Head Cap Screw
HSFCHCS	Hex Socket Flat Countersunk Head Cap Screw
HSHCS	Hex Socket Head Cap Screw
HSSS	Hex Socket Head Screw
HTLN	Hex Top Lock Nut
HWHCS	Hex Washer Head Cap Screw
HWHMS	Hex Washer Head Machine Screw
HXBHCS	Hex Socket Button Head Cap Screw
J	Hex Jam Nut
JIC	37 Degree Tapered Thread
L	Helical Spring Lock Washer
LH	Left Hand
LUG	Lug Bolt
NFC	National Fine Cap Screw
NPSM	National Pipe Straight Mechanical
NPTF	National Pipe Taper Fuel
P	Wide Plain Washer
PHMS	Pan Head Machine Screw
PLOW	Plow Bolt
QRC	Quick Release Coupling
RH	Right Hand
RHMS	Round Head Machine Screw
RHSNB	Round Head Square Neck Bolt
SFCHMS	Slotted Flat Countersunk Head Machine Screw
SFHMS	Slotted Fillister Head Machine Screw
SP	Special
SP SCREW	Special Screw
SQHSS	Square Head Set Screw
SRHMS	Slotted Round Head Machine Screw
SSS	Socket Set Screw
STCS	Self Tapping Cap Screw
STHMS	Slotted Truss Head Machine Screw
WHEEL	Wheel Studs and Hub Long Bolts
WING	Wing Bolt

Replacement Hardware

The Hardware Legend above lists hardware abbreviations used in the parts lists. The use of improper grades of hardware can result in personal injury, damage to equipment, or loss of property.

Centre Frame Assembly

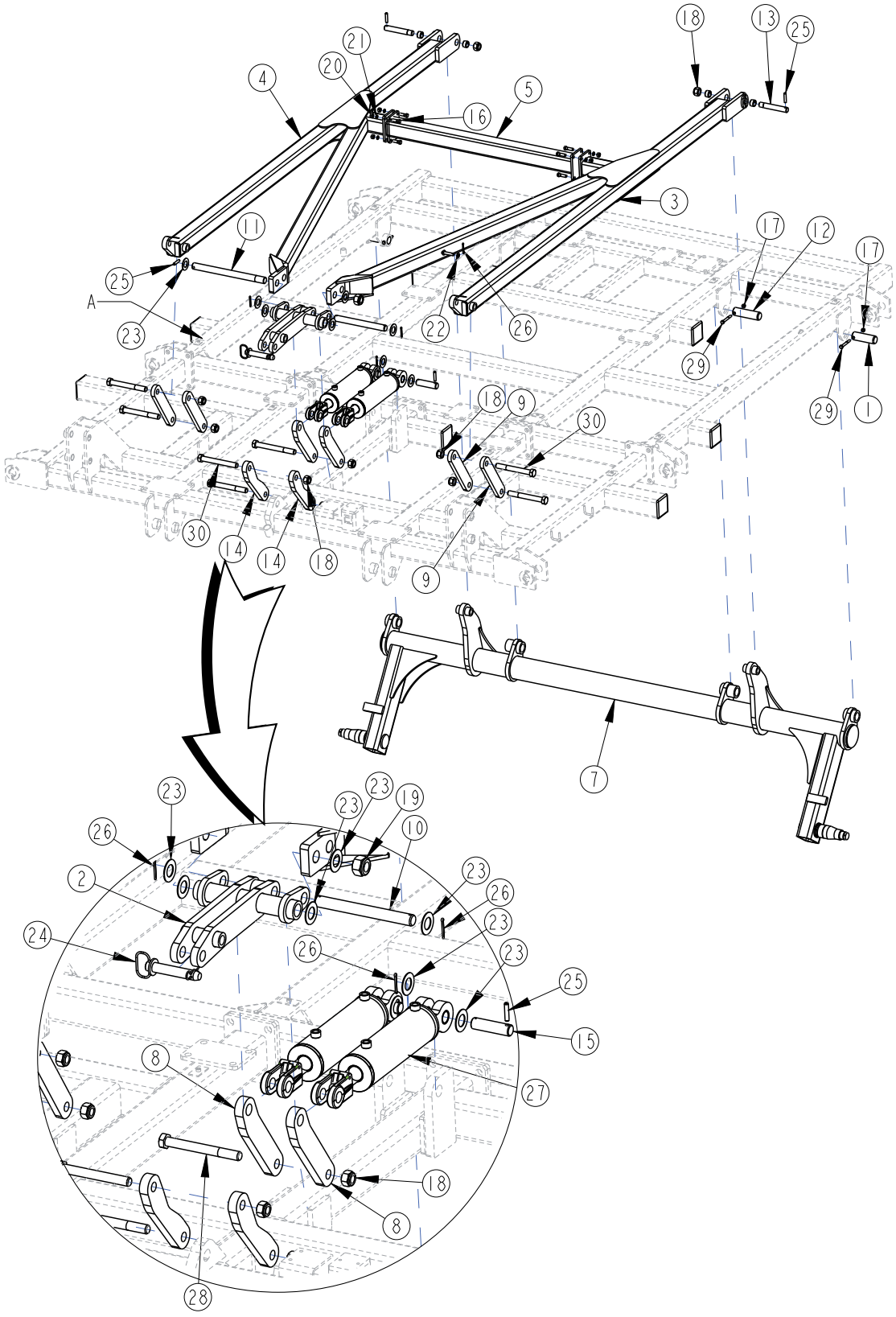


57001

Centre Frame Assembly

Item	Part No.	Part Description	Comments
1	620-067H	NARROW CENTERFRAME FLOATING	
2	620-068H	NARROW CENTER BRACE BAR FLOAT	
3	620-070H	CENTERFRAME TRUSS (FLOATING)	
4	620-101H	CYLINDER TRANSPORT LOCK	
5	620-235D	PLATE 6MM	
6	620-384D	PLATE 8MM	
7	620-476D	FC WARNING TRIANGLE MOUNT	
8	620-518D	PLATE 12MM	
9	620-548D	PLATE 12MM	
10	802-741C	HHCS M6X1X15 GR8.8	
11	802-982C	HHCS M16X2X45 GR8.8	
12	802-987C	HHCS M20X2.5X55 GR8.8	
13	803-281C	NUT HEX NYLOCK M12X1.75 PLT	
14	803-385C	M20-2.5 NUT	
15	803-386C	NUT HEX NYLOCK M6X1	
16	803-423C	NUT HEX M16X2 PLT	
17	804-159C	WASHER SPRING LOCK M12 PLT	
18	804-187C	WASHER SPRING LOCK M16 PLT	
19	804-226C	WASHER LOCK M6 PLT	
20	804-242C	WASHER LOCK M20 PLT	
21	805-465C	LYNCH PIN CAT 0	
22	805-496C	PIN BENT Ø10MM	
23	806-252C	U-BOLT M12X1.75 X 121.5 X 110	
24	806-255C	U-BOLT M12X1.75 X 101 X 130	
25	818-055C	DECAL SLOW MOVING-GALV. BACKED	
26	837-014C	PLASTIC END CAP 100X100	

Torque Tube & Level Bar Assembly

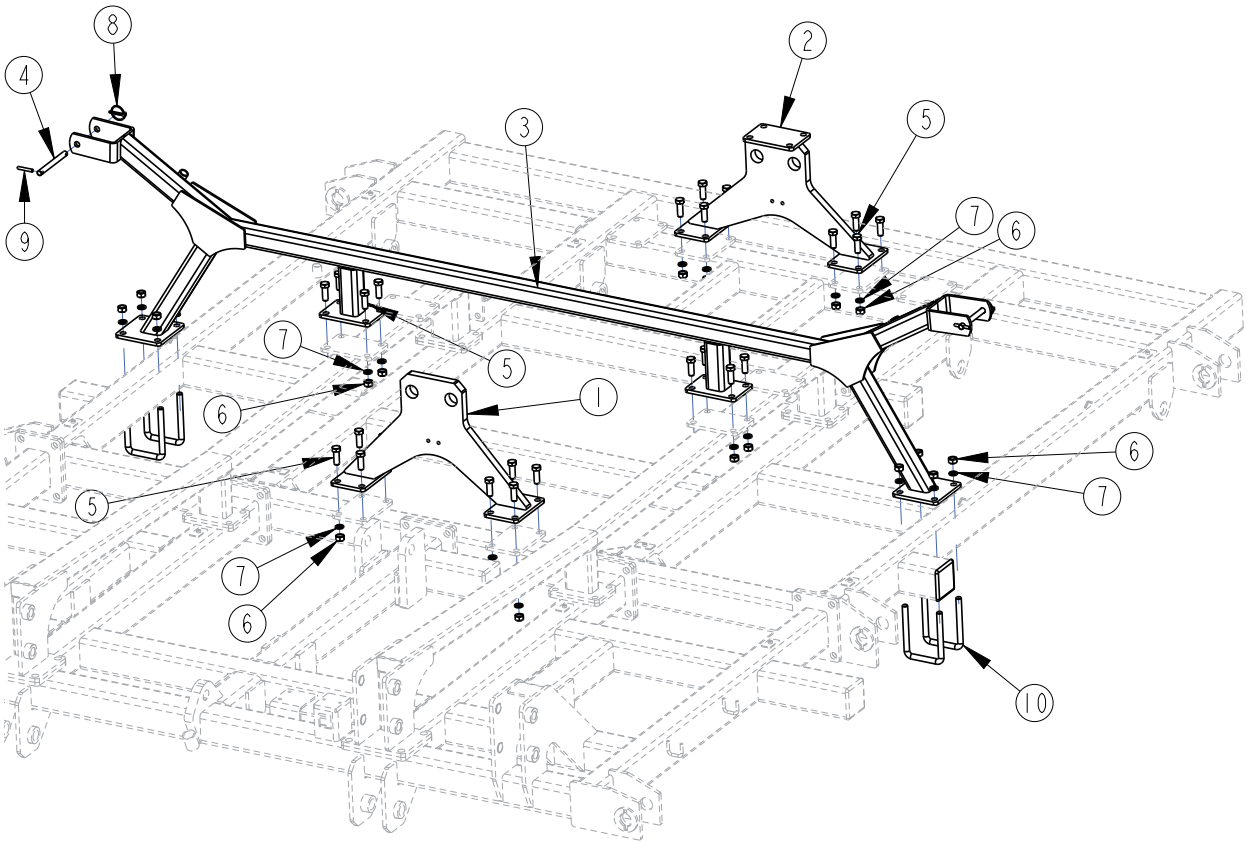


57002

Torque Tube & Level Bar Assembly

Item	Part No.	Part Description	Comments
1	602-432D	PIN Ø40X125	
2	620-073H	LEVEL BAR LINK WELDMENT	
3	620-075H	LEVEL BAR (FLOATING) LH	
4	620-076H	LEVEL BAR (FLOATING) RH	
5	620-095H	LEVEL BAR CROSS TUBE	
6	620-102S	CYLINDER TRANSPORT LOCK	
7	620-142H	CENTER TORQUE TUBE RIGID HEAVY	
8	620-237D	PLATE 25MM	
9	620-238D	PLATE 20MM	
10	620-410D	BAR Ø30MM	
11	620-411D	BAR Ø32MM	
12	620-512D	PIN Ø40X145 W/ HOLE	
13	620-516D	PIN Ø24MM - M24X3	
14	620-527D	PLATE 25MM	
15	620-531D	PIN Ø30MM	
16	802-977C	HHCS M12X1.75X40 GR8.8	
17	803-280C	NUT HEX NYLOCK M10X1.5 PLT	
18	803-412C	NUT HEX M24X3 NYLON INSERT	
19	803-416C	NUT HEX M30X3.5 NYLON INSERT	
20	803-446C	NUT HEX M12X1.75 PLT	
21	804-159C	WASHER SPRING LOCK M12 PLT	
22	804-246C	WASHER FLAT M12 PLT	
23	804-261C	WASHER MACH 60X33X2 PLT	
24	805-077C	PIN HITCH 1 X 4 1/2 USABLE LG	
25	805-434C	PIN ROLL 10MM X 50MM PLT	
26	805-500C	PIN SPLIT Ø4.6X45	
27	810-909C	CYL REP 90X203X40 ROD	
28	842-077C	HHCS M24X3X220 GR8.8 SPTHD	
29	842-089C	HHCS M10X1.5X80 GR8.8	
30	842-239C	HHCS M24X3X200 GR8.8	

Centre Fold Assembly

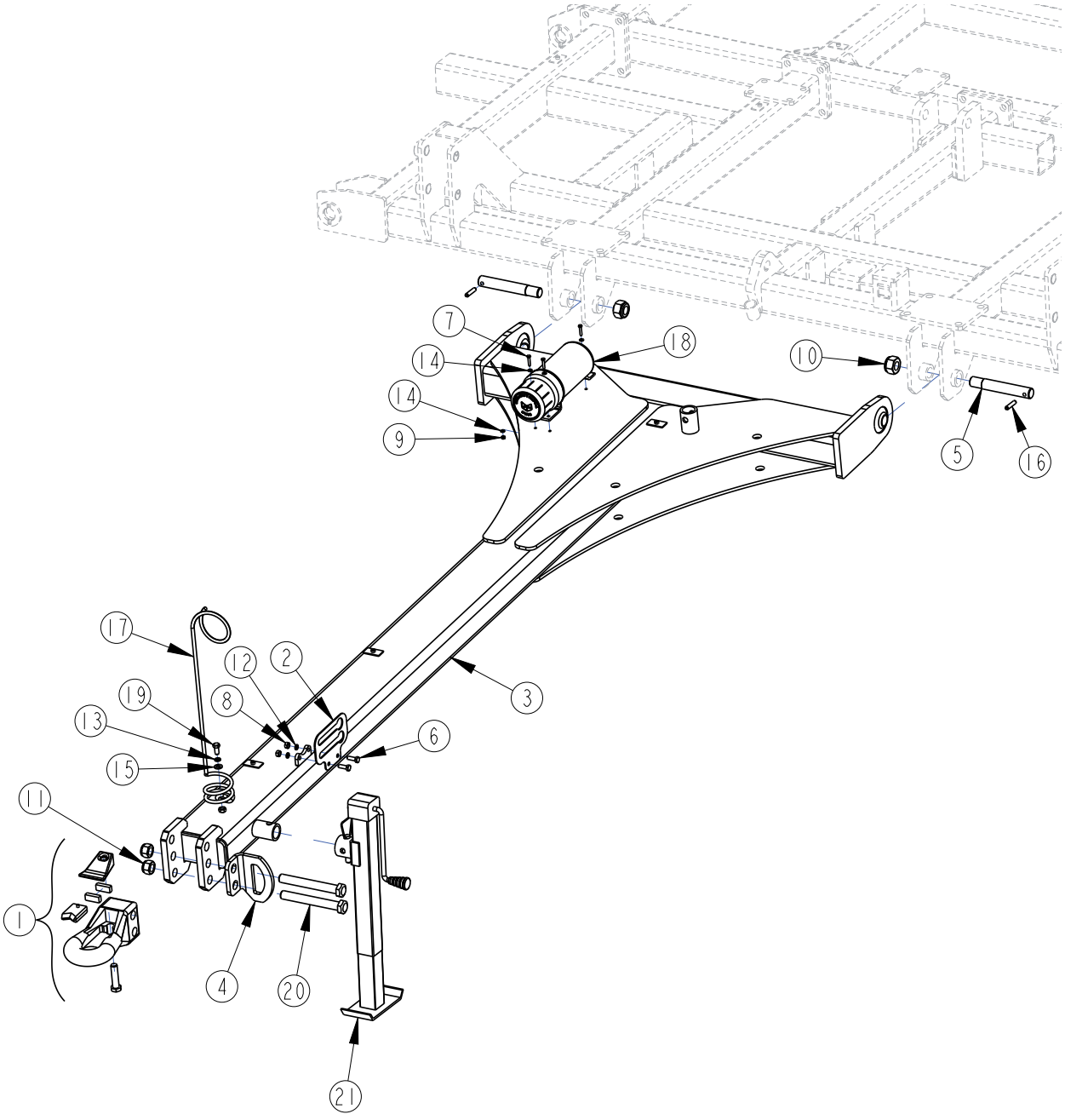


57003

Centre Fold Assembly

Item	Part No.	Part Description	Comments
1	620-039H	CENTER FOLD BRACKET - FRONT	
2	620-040H	CENTER FOLD BRACKET - REAR	
3	620-041H	CENTER WING STOP - 8500FC	
4	620-515D	BAR Ø15MM	
5	802-982C	HHCS M16X2X45 GR8.8	
6	803-423C	NUT HEX M16X2 PLT	
7	804-187C	WASHER SPRING LOCK M16 PLT	
8	805-448C	LYNCH PIN CAT 1	
9	805-452C	ROLL PIN 8MM X 50MM PLT	
10	806-251C	U-BOLT M16X2 X 101 X 155	

Hitch Assembly

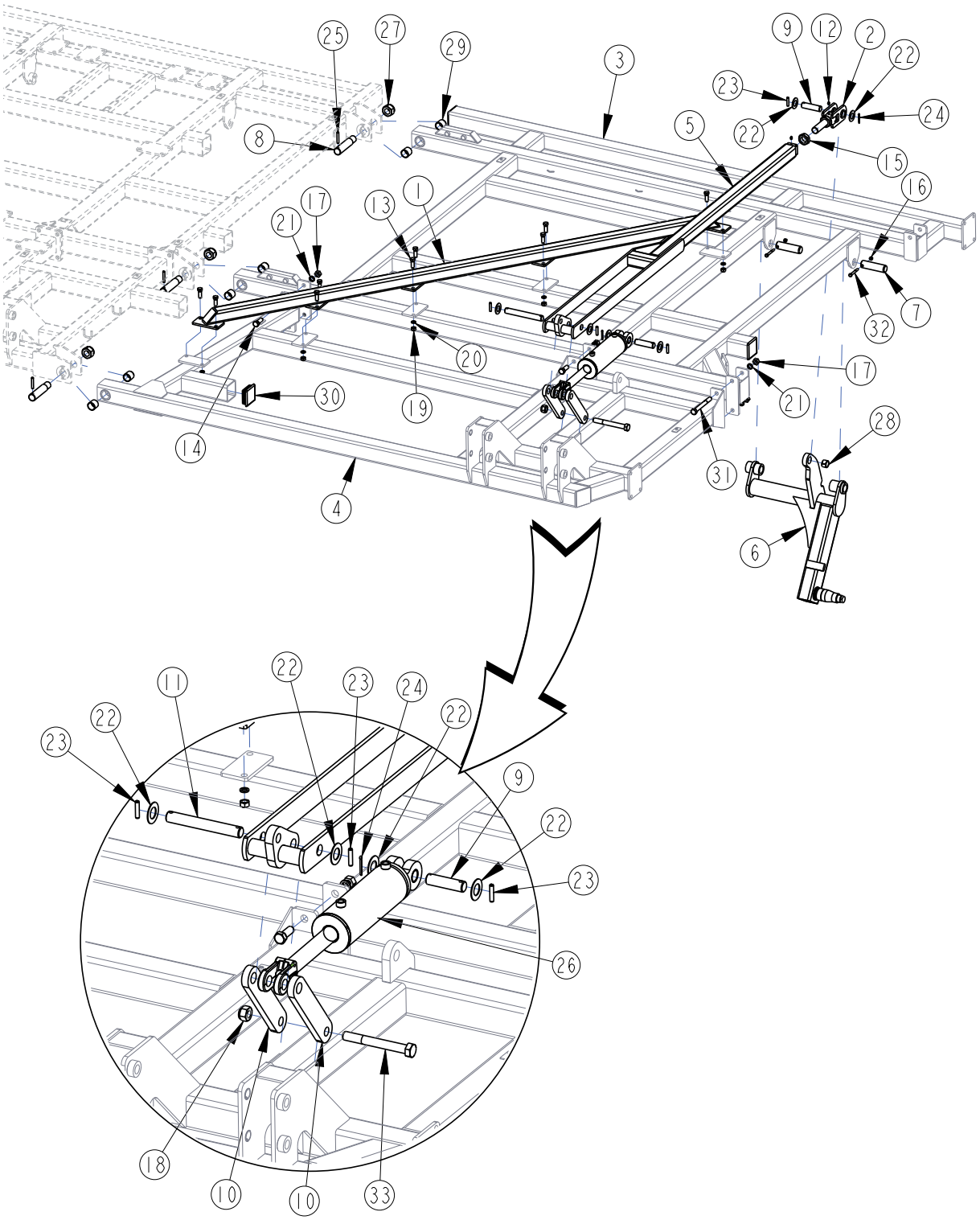


57004

Hitch Assembly

Item	Part No.	Part Description	Comments
1	586-241V	HITCH TONGUE CAT III ASSEMBLY	
2	611-156D	HOSE STOWAGE PLATE	
3	620-080H	NARROW FLOATING HITCH	
4	620-391D	SAFETY CHAIN SUPPORT	
5	620-510D	PIN DIA. 31.75 - M30 X 3.5	
6	802-609C	HHCS M10X1.5X30 GR8.8	
7	802-954C	HHCS M6X1X30 GR8.8	
8	803-279C	NUT HEX M10X1.5 PLT	
9	803-386C	NUT HEX NYLOCK M6X1	
10	803-416C	NUT HEX M30X3.5 NYLON INSERT	
11	803-429C	”NUT HEX NYLOCK 1”” UNF PLT”	
12	804-158C	WASHER SPRING LOCK M10 PLT	
13	804-159C	WASHER SPRING LOCK M12 PLT	
14	804-160C	WASHER FLAT M6 PLT	
15	804-246C	WASHER FLAT M12 PLT	
16	805-434C	PIN ROLL 10MM X 50MM PLT	
17	807-073C	SPRING HOSE LOOP HEAVY	
18	817-928C	MANUAL HOLDER	
19	842-148C	HHCS M12X1.75X25 GR8.8	
20	842-181C	HHCS 1-12X8 GR5 UNF SPTHD	
21	890-977C	SQUARE SCREW JACK 5000LBS.	

5 Section Inside Wing Assembly

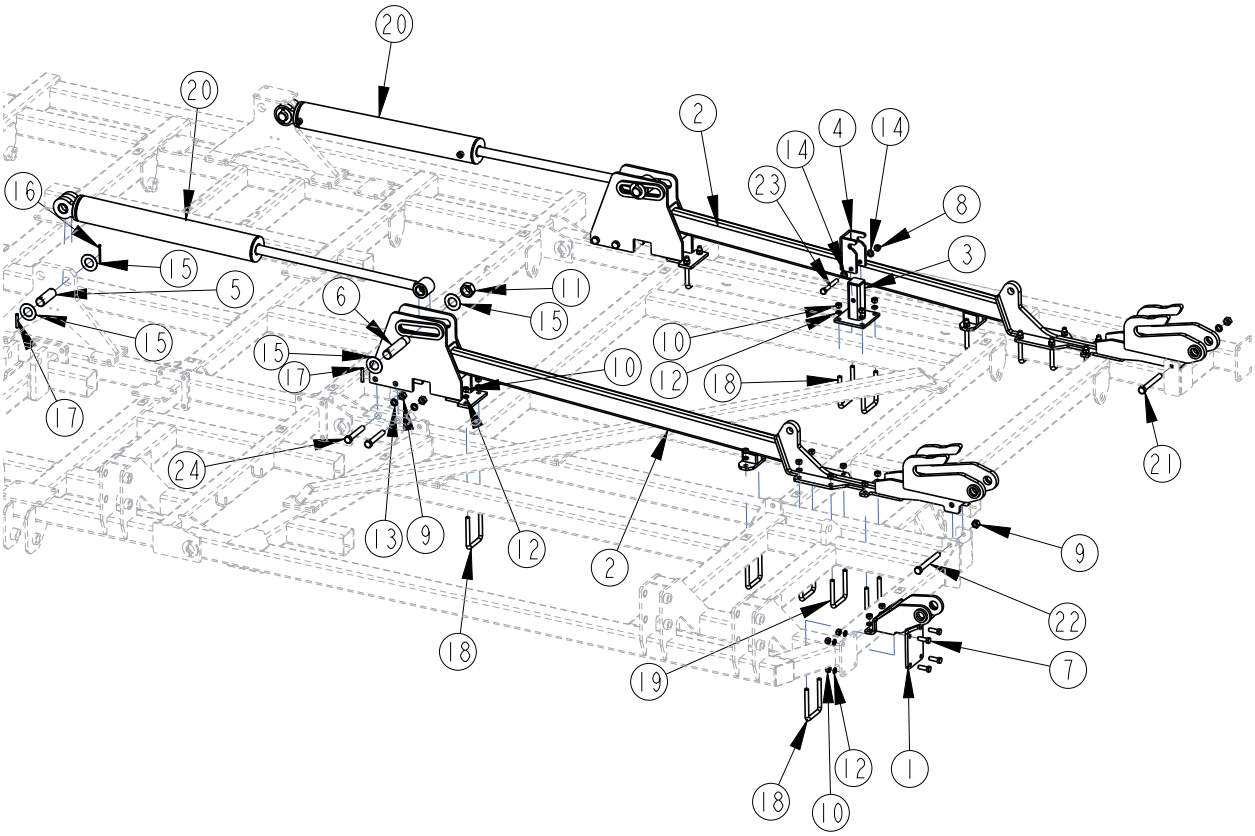


57005

5 Section Inside Wing Assembly

Item	Part No.	Part Description	Comments
1	620-053H	WING TRUSS LH	
2	620-099H	TURNBUCKLE SWIVEL	
3	620-103H	10’ INSIDE WING FLOATING LH	SHOWN
	620-096H	10’ INSIDE WING FLOATING RH	
4	620-104H	10FT WING BRACE FLOATING LH	SHOWN
	620-097H	10FT WING BRACE FLOATING RH	
5	620-139H	WING PULL BAR ASSEMBLY	
6	620-140H	WING TORQUE TUBE LH - FLOATING	SHOWN
	620-138H	WING TORQUE TUBE RH - FLOATING	
7	620-512D	PIN Ø40X145 W/ HOLE	
8	620-517D	PIN Ø40MM - M36X4	
9	620-531D	PIN Ø30MM	
10	620-574D	PLATE 20MM	
11	620-575D	PIN Ø30MM	
12	800-417C	GREASE NIPPLE 1/8BSP	
13	802-982C	HHCS M16X2X45 GR8.8	
14	802-987C	HHCS M20X2.5X55 GR8.8	
15	803-063C	NUT HEX JAM 1 1/2-6 PLT	
16	803-280C	NUT HEX NYLOCK M10X1.5 PLT	
17	803-385C	M20-2.5 NUT	
18	803-412C	NUT HEX M24X3 NYLON INSERT	
19	803-423C	NUT HEX M16X2 PLT	
20	804-187C	WASHER SPRING LOCK M16 PLT	
21	804-242C	WASHER LOCK M20 PLT	
22	804-261C	WASHER MACH 60X33X2 PLT	
23	805-434C	PIN ROLL 10MM X 50MM PLT	
24	805-500C	PIN SPLIT Ø4.6X45	
25	805-506C	PIN ROLL 10MM X 65MM PLT	
26	810-910C	CYL REP 100X203X44 ROD	
27	814-460C	NUT HEX M36X4 NYL INSERT	
28	827-146C	BUSH SPRUNG - Ø38XØ30X25	
29	837-007C	SLEEVE BEARING ID 40MM	
30	837-014C	PLASTIC END CAP 100X100	
31	842-051C	HHCS M20X2.5X180 GR8.8	
32	842-089C	HHCS M10X1.5X80 GR8.8	
33	842-239C	HHCS M24X3X200 GR8.8	

5 Section Fold Wing Assembly

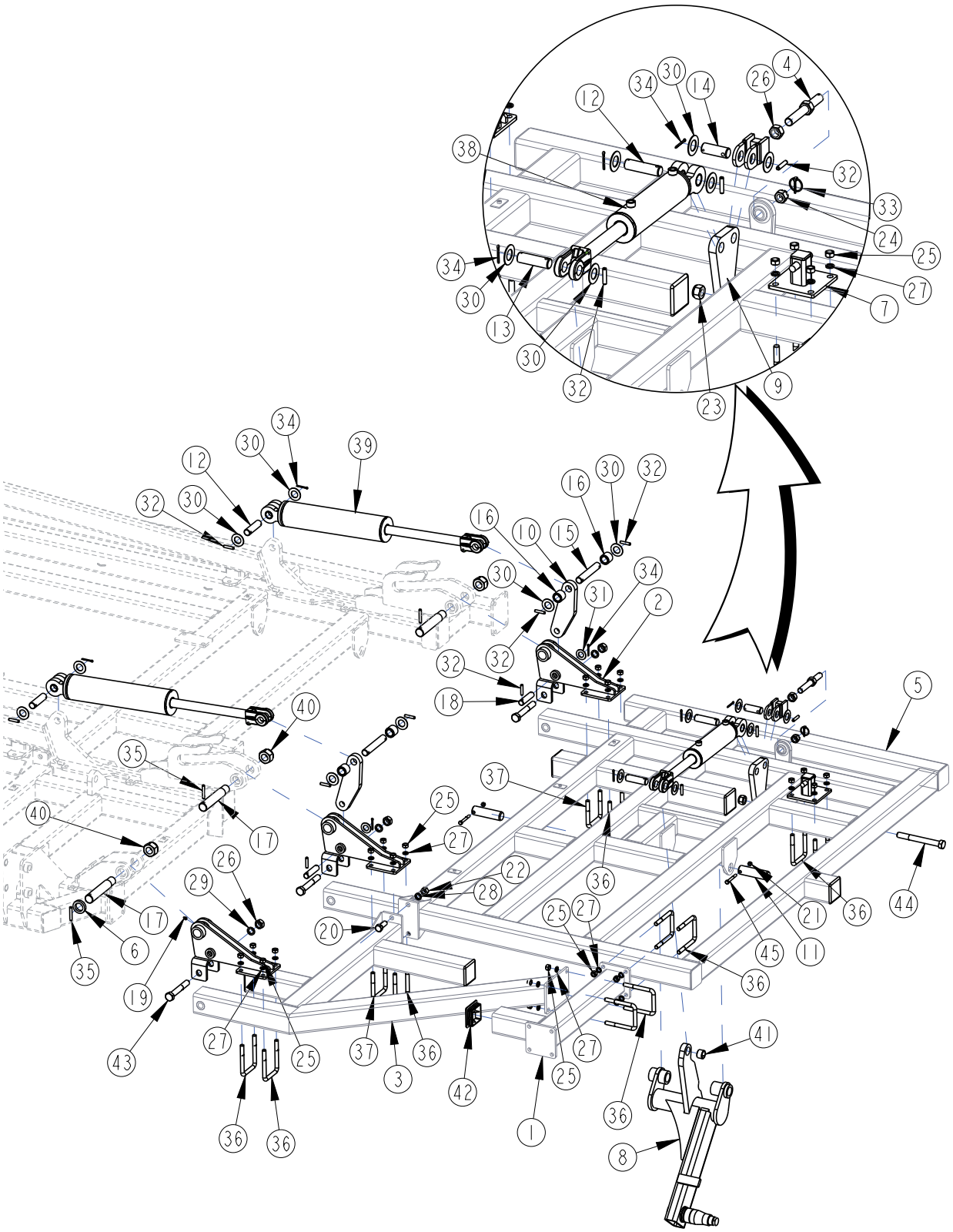


57006

5 Section Fold Wing Assembly

Item	Part No.	Part Description	Comments
1	620-014H	INSIDE WING HINGE	
2	620-017H	FOLD BRACKET - 10FT WING	
3	620-122H	WING LOCK MOUNT	
4	620-123H	AUTOMATIC WING LATCH	
5	620-530D	PIN Ø40MM	
6	620-534D	PIN Ø40MM	
7	802-982C	HHCS M16X2X45 GR8.8	
8	803-282C	NUT HEX M16X2.00 NYLON INSERT	
9	803-385C	M20-2.5 NUT	
10	803-423C	NUT HEX M16X2 PLT	
11	803-453C	NUT HEX M36X4 PLT	
12	804-187C	WASHER SPRING LOCK M16 PLT	
13	804-242C	WASHER LOCK M20 PLT	
14	804-247C	WASHER FLAT M16 PLT	
15	804-259C	WASHER MACH 77X42X2 PLT	
16	805-467C	PIN SPLIT Ø5X75	
17	805-506C	PIN ROLL 10MM X 65MM PLT	
18	806-240C	U-BOLT M16X2 X 101 X 145	
19	806-254C	U-BOLT M16X2 X 101 X 125	
20	810-912C	CYL 100X762X40 ROD	
21	842-050C	HHCS M20X2.5X160 GR8.8	
22	842-051C	HHCS M20X2.5X180 GR8.8	
23	842-076C	HHCS M16X2X120 GR8.8	
24	842-205C	HHCS M20X2.5X130 GR8.8	

5 Section Outside Wing Assembly

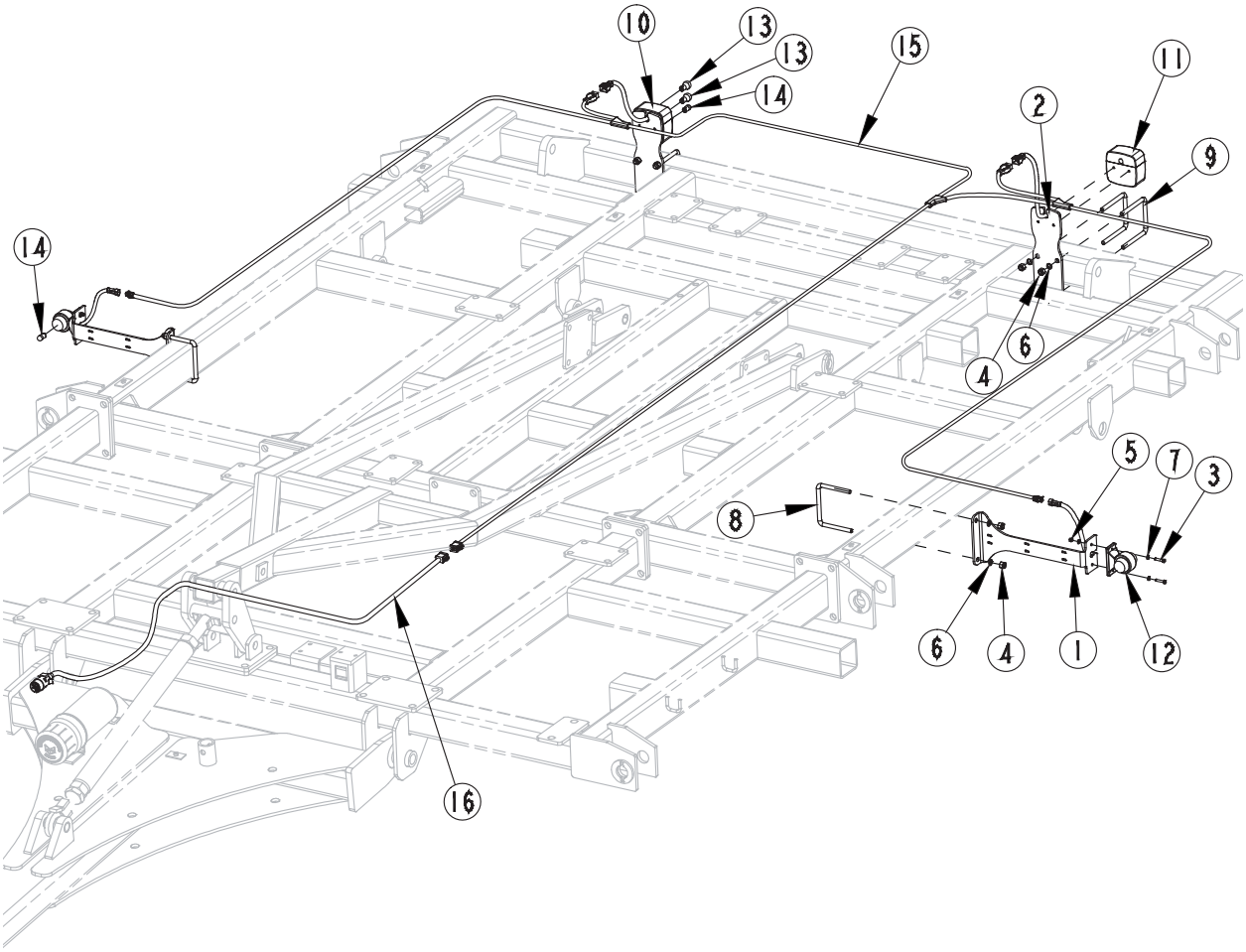


57007

5 Section Outside Wing Assembly

Item	Part No.	Part Description	Comments
1	620-013H	BOLT-ON STUB W/GAUGE WHEEL	
2	620-016H	OUTSIDE WING HINGE	
3	620-018H	6FT OUTSIDE WING BRACE	
4	620-022S	ADJUSTMENT BOLT ASSEMBLY	
5	620-054H	6FT OUTSIDE WING LH	SHOWN
	620-021H	6FT OUTSIDE WING RH	
6	620-102D	BAR Ø60MM	
7	620-124H	WING LOCK T BRACKET	
8	620-145H	OUTSIDE WING TORQUE TUBE LH	SHOWN
	620-147H	OUTSIDE WING TORQUE TUBE RH	
9	620-258D	PLATE 25MM	
10	620-369D	PLATE 25MM	
11	620-512D	PIN Ø40X145 W/ HOLE	
12	620-531D	PIN Ø30MM	
13	620-532D	PIN Ø30MM	
14	620-533D	PIN Ø30MM	
15	620-535D	PIN Ø30MM	
16	620-536D	BAR Ø45MM	
17	620-537D	PIN Ø40MM - M36X4	
18	620-538D	PIN Ø25MM	
19	800-417C	GREASE NIPPLE 1/8BSP	
20	802-987C	HHCS M20X2.5X55 GR8.8	
21	803-280C	NUT HEX NYLOCK M10X1.5 PLT	
22	803-385C	M20-2.5 NUT	
23	803-412C	NUT HEX M24X3 NYLON INSERT	
24	803-413C	NUT CASTLE M24X3	
25	803-423C	NUT HEX M16X2 PLT	
26	803-438C	NUT HEX M24X3 PLT	
27	804-187C	WASHER SPRING LOCK M16 PLT	
28	804-242C	WASHER LOCK M20 PLT	
29	804-250C	WASHER LOCK M24 PLT	
30	804-261C	WASHER MACH 60X33X2 PLT	
31	804-271C	WASHER MACH 48X26.5X2 PLT	
32	805-434C	PIN ROLL 10MM X 50MM PLT	
33	805-465C	LYNCH PIN CAT 0	
34	805-500C	PIN SPLIT Ø4.6X45	
35	805-506C	PIN ROLL 10MM X 65MM PLT	
36	806-240C	U-BOLT M16X2 X 101 X 145	
37	806-254C	U-BOLT M16X2 X 101 X 125	
38	810-782C	CYL REP 80X203X40 ROD	
39	810-911C	CYL 100X406X40 ROD	
40	814-460C	NUT HEX M36X4 NYL INSERT	
41	827-146C	BUSH SPRUNG - Ø38XØ30X25	
42	837-014C	PLASTIC END CAP 100X100	
43	842-070C	HHCS M24X3X160 GR8.8	
44	842-077C	HHCS M24X3X220 GR8.8 SPTHD	
45	842-089C	HHCS M10X1.5X80 GR8.8	

Lights

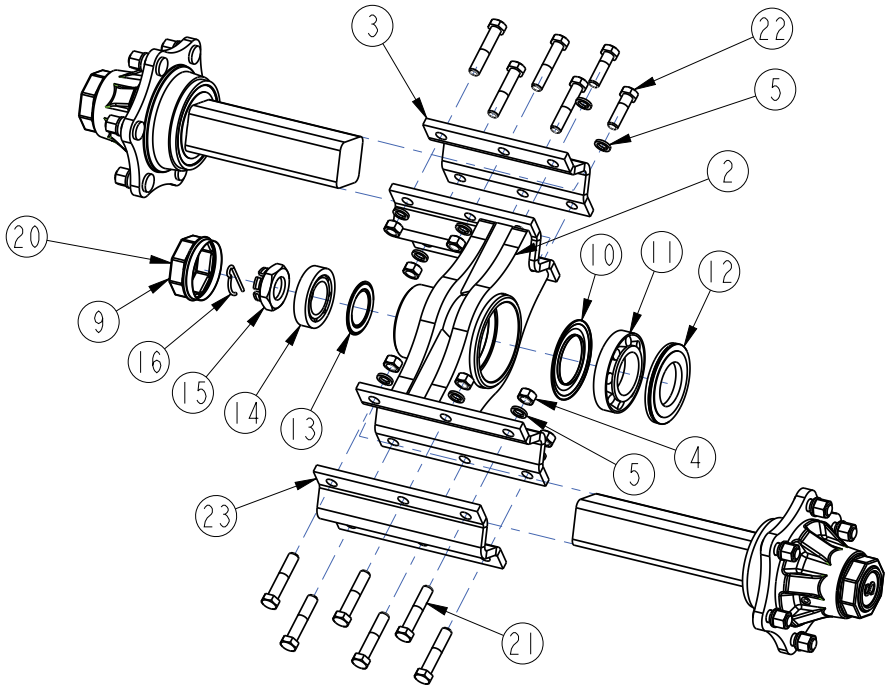


46017

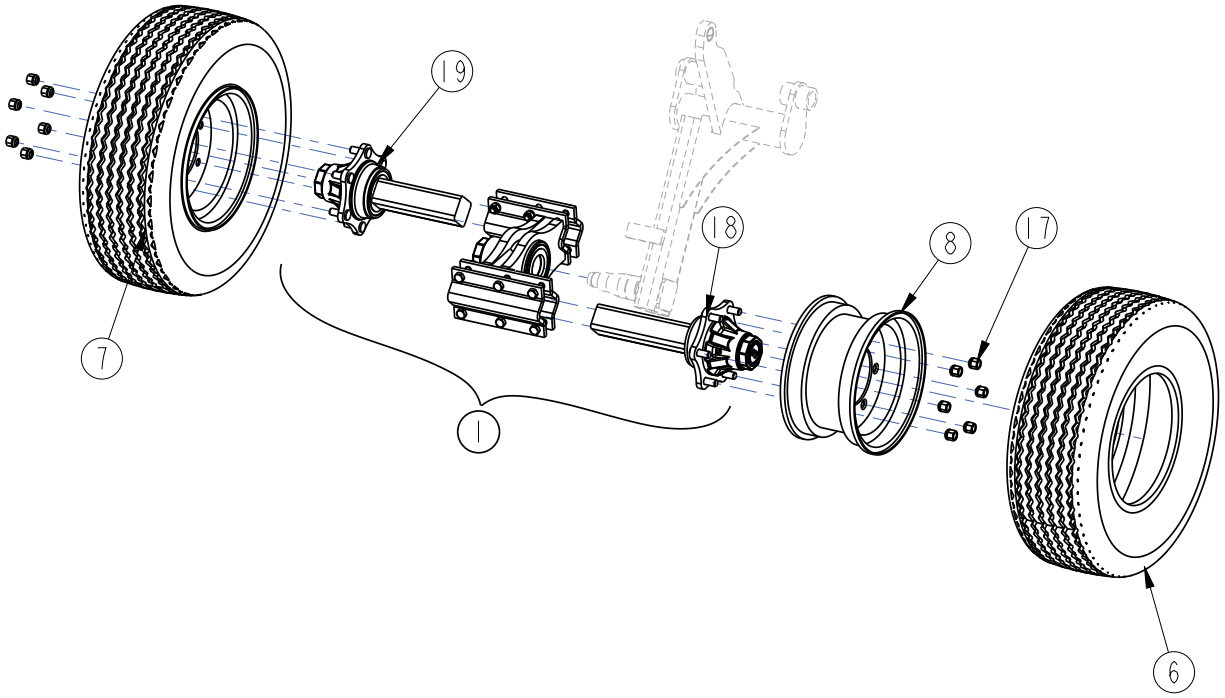
Lights

Item	Part No.	Part Description	Comments
1	620-235D	PLATE 6MM	
2	620-384D	PLATE 8MM	
3	802-954C	HHCS M6X1X30 GR8.8	
4	803-281C	NUT HEX NYLOCK M12X1.75 PLT	
5	803-354C	NUT HEX M6-1	
6	804-159C	WASHER SPRING LOCK M12 PLT	
7	804-160C	WASHER FLAT M6 PLT	
8	806-252C	U-BOLT M12X1.75 X 121.5 X 110	
9	806-255C	U-BOLT M12X1.75 X 101 X 130	
10	833-643C	REAR LIGHT RH	
11	833-644C	REAR LIGHT LH	
12	833-645C	SIDE LIGHT	
13	833-652C	CLEAR BULB - LLB382T - 12V/21W	
14	833-708C	CLEAR BULB - LLB207T - 12V/5W	
15	833-664C	EURO FC LIGHT HARNESS - REAR	
16	833-662C	EURO FC LIGHT HARNESS - FRONT	

Walking Beam Assembly - Wing



SHOWN AS ASSEMBLED ON RIGHT HAND WING OF MACHINE.
MIRROR FOR LEFT HAND WING ASSEMBLIES.

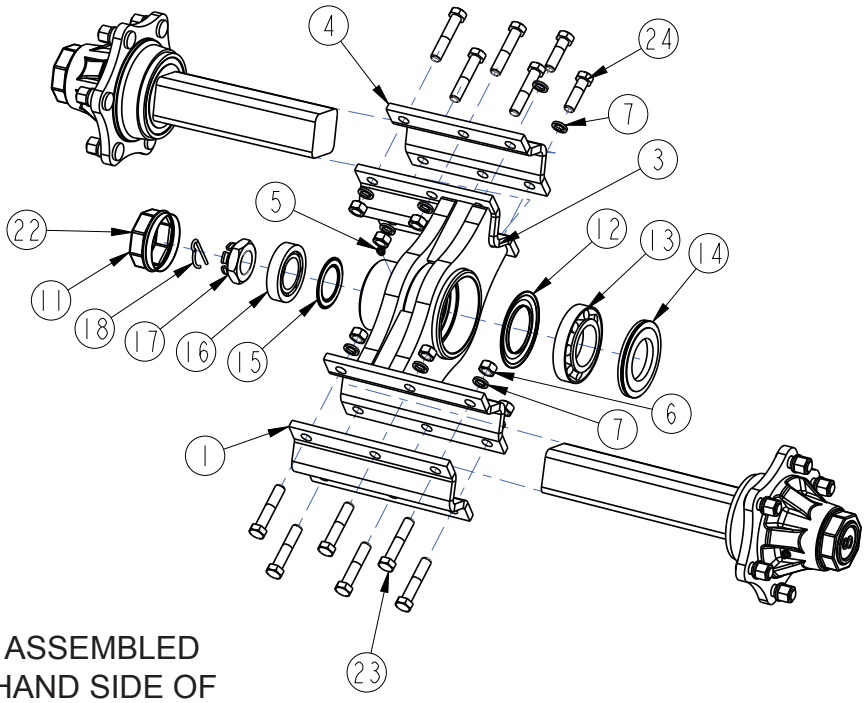


46008

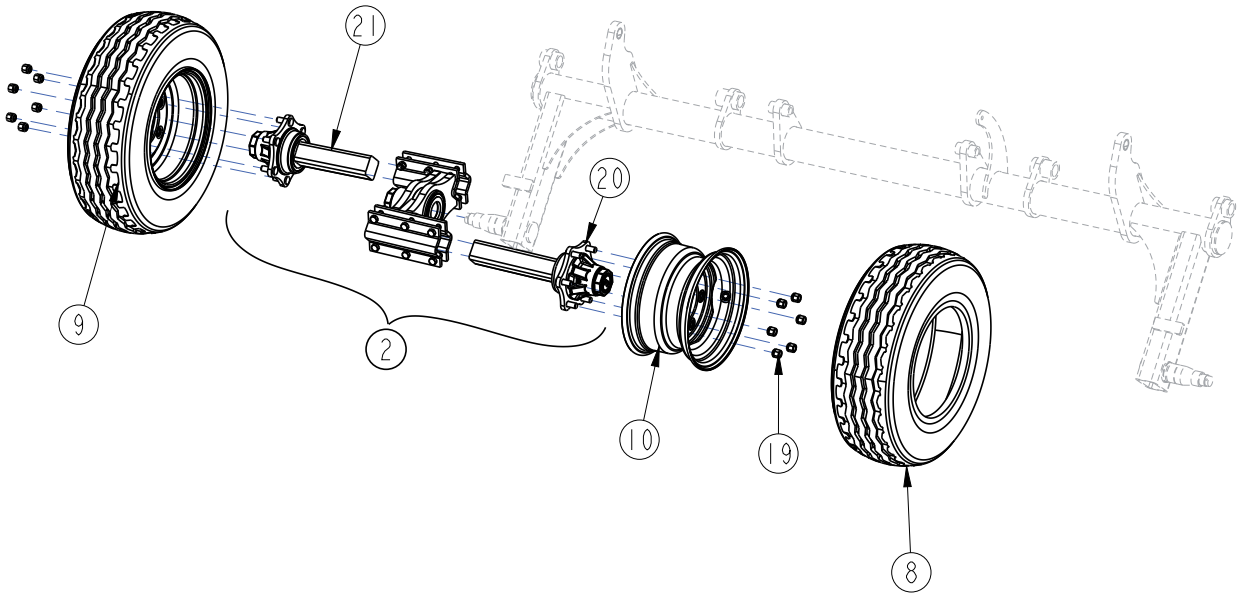
Walking Beam Assembly - Wing

Item	Part No.	Part Description	Comments
1	620-159V	OUTSIDE WING WALKING AXLE	8513 OUTER WINGS
	620-158V	INNER WING WALKING AXLE	8513 INNER WINGS
2	620-162H	WING WALKING AXLE ASSY	
3	620-539D	PLATE 12MM	
4	803-423C	NUT HEX M16X2 PLT	
5	804-187C	WASHER SPRING LOCK M16 PLT	
6	814-473C	TYRE 10.0/75-15 14 PLY BKT AW 909	
7	814-474C	WHEEL & TYRE COMPLETE	INCLUDES ITEMS 6 & 8
8	814-475C	RIM 10.0/75 + 11.5/80 - 6 STUD	
9	815-409C	DUST CAP 6 STUD	
10	815-413C	SHIM WASHER Ø120XØ74	INCLUDED IN SEAL KIT 822-299C
11	815-414C	BEARING 30213 Ø120XØ65	INCLUDED IN BEARING KIT 822-298C
12	815-415C	GREASE SEAL Ø120XØ67	INCLUDED IN SEAL KIT 822-299C
13	815-416C	SHIM WASHER Ø80XØ52	INCLUDED IN SEAL KIT 822-299C
14	815-417C	BEARING 30213 Ø120XØ65	INCLUDED IN BEARING KIT 822-298C
15	815-419C	NUT CASTLE M39X1.5	
16	815-420C	SPRING CLIP Ø4X67	
17	803-430C	WHEEL NUT M18X1.5	
18	815-460C	6 STUD HUB & SPINDLE - 362.5MM	IN 620-159V
	815-459C	6 STUD HUB & SPINDLE - 382.5MM	IN 620-158V
19	815-462C	6 STUD HUB & SPINDLE - 316.5MM	IN 620-158V & 620-159V
20	822-291C	BEARING KIT - EURO FIELD CULT	
21	842-034C	HHCS M16X2X80 GR8.8	
22	842-066C	HHCS M16X2X55 GR8.8	
23	620-123D	PLATE 12MM	

Walking Beam Assembly - Centre



SHOWN AS ASSEMBLED
ON RIGHT HAND SIDE OF
MACHINE.

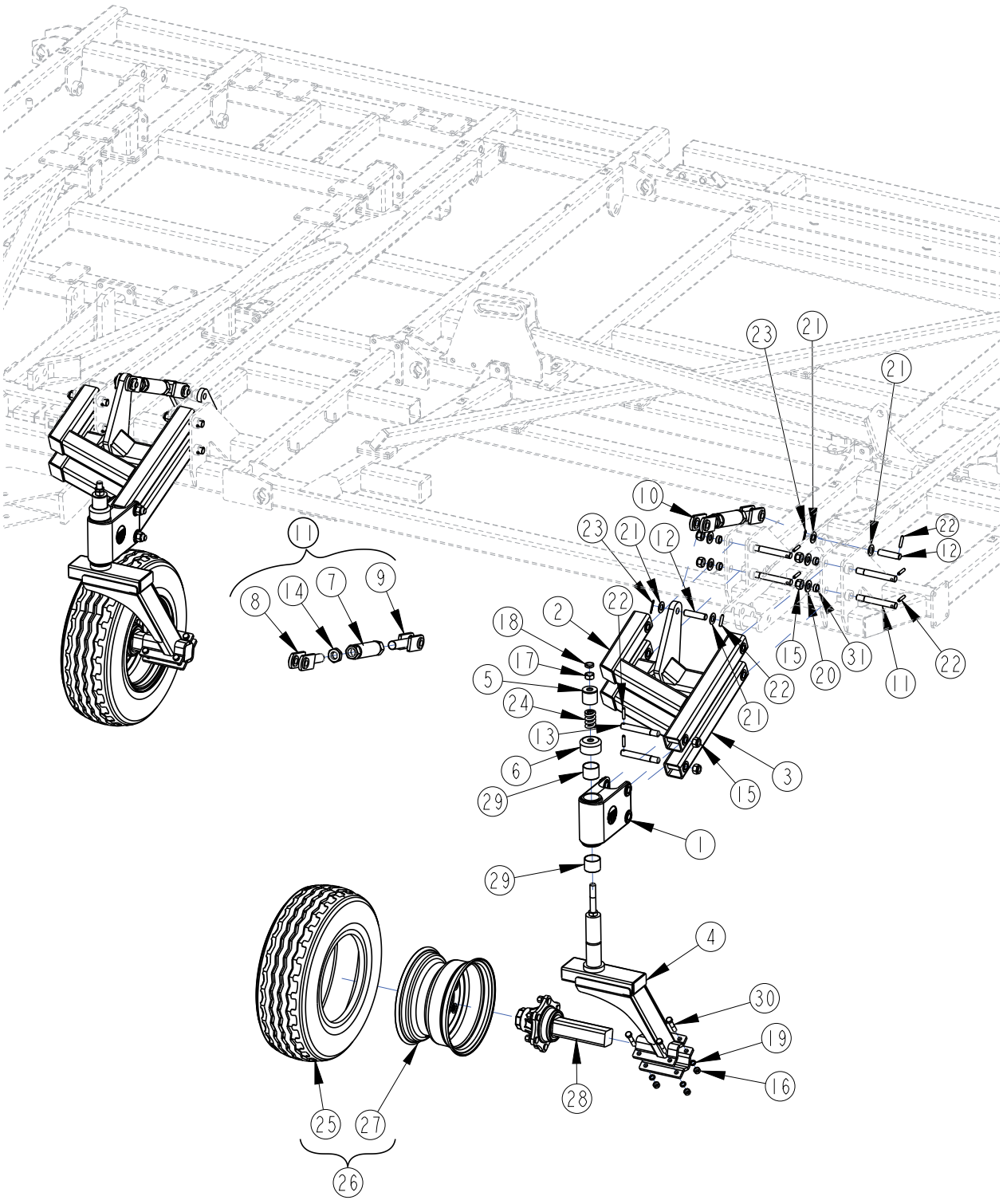


46009

Walking Beam Assembly - Centre

Item	Part No.	Part Description	Comments
1	601-123D	PLATE 12MM	
2	620-157V	CHASSIS WALKING AXLE ASSY RH	8513 CENTRE LH
	620-156V	CHASSIS WALKING AXLE ASSY LH	8513 CENTRE RH
3	620-160H	FC WALKING AXLE RH	IN 620-157V - 1° CAMBER
	620-161H	FC WALKING AXLE LH	IN 620-156V - 1° CAMBER
4	620-539D	PLATE 12MM	
5	800-417C	GREASE NIPPLE 1/8BSP	
6	803-423C	NUT HEX M16X2 PLT	
7	804-187C	WASHER SPRING LOCK M16 PLT	
8	814-473C	TYRE 10.0/75-15 14 PLY BKT AW 909	
9	814-474C	WHEEL & TYRE COMPLETE	INCLUDES ITEMS 8 & 10
10	814-475C	RIM 10.0/75 + 11.5/80 - 6 STUD	
11	815-409C	DUST CAP 6 STUD	
12	815-413C	SHIM WASHER Ø120XØ74	
13	815-414C	BEARING 30213 Ø120XØ65	
14	815-415C	GREASE SEAL Ø120XØ67	
15	815-416C	SHIM WASHER Ø80XØ52	
16	815-417C	BEARING 30213 Ø120XØ65	
17	815-419C	NUT CASTLE M39X1.5	
18	815-420C	SPRING CLIP Ø4X67	
19	803-430C	WHEEL NUT M18X1.5	
20	815-458C	6 STUD HUB & SPINDLE	IN 620-157V & 620-156V
21	815-461C	6 STUD HUB & SPINDLE - SHORT	IN 620-157V & 620-156V
22	822-291C	BEARING KIT - EURO FIELD CULT	
23	842-034C	HHCS M16X2X80 GR8.8	
24	842-066C	HHCS M16X2X55 GR8.8	

Gauge Wheel Assembly (Caster Style)

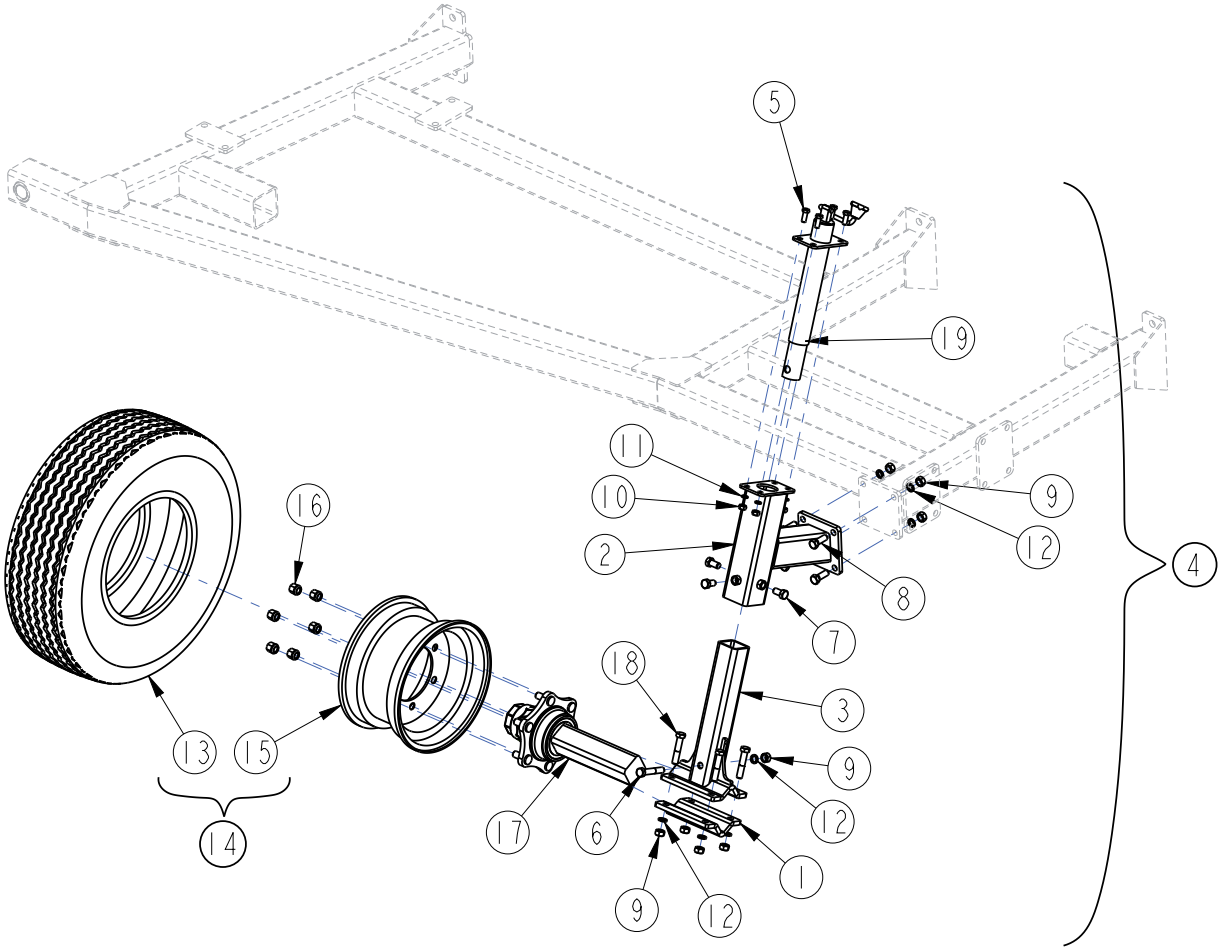


57008

Gauge Wheel Assembly (Caster Style)

Item	Part No.	Part Description	Comments
1	560-482S	GAUGE WHEEL PIVOT W/BUSHING	
2	620-069H	GAUGE WHEEL ARM (TOP)	
3	620-077H	GAUGE WHEEL ARM LH (BOTTOM)	SHOWN
	620-074H	GAUGE WHEEL ARM RH (BOTTOM)	
4	620-079H	GAUGE WHEEL ARM LH	SHOWN
	620-078H	GAUGE WHEEL ARM RH	
5	620-087H	CASTER GAGE WHEEL SPRING COVER	
6	620-088H	CASTER GAGE WHEEL TOP COLLAR	
7	620-109H	TURNBUCKLE TUBE WELDMENT	
8	620-110H	T'BUCKLE CLEVIS END RH THREAD	
9	620-111H	T'BUCKLE CLEVIS END LH THREAD	
10	620-112S	TURNBUCKLE ASSEMBLY	
11	620-514D	PIN DIA. 25MM - M24X3	
12	620-538D	PIN Ø25MM	
13	620-573D	PIN Ø25.3 X 180 - M24X3	
14	803-402C	NUT HEX JAM M36X4 PLT	
15	803-412C	NUT HEX M24X3 NYLON INSERT	
16	803-423C	NUT HEX M16X2 PLT	
17	803-438C	NUT HEX M24X3 PLT	
18	803-451C	NUT HEX THIN M24X3 PLT	
19	804-187C	WASHER SPRING LOCK M16 PLT	
20	804-255C	WASHER FLAT M24 - OD50MM	
21	804-271C	WASHER MACH 48X26.5X2 PLT	
22	805-434C	PIN ROLL 10MM X 50MM PLT	
23	805-500C	PIN SPLIT Ø4.6X45	
24	807-226C	SPRNG COM 1 13/16ODX3/8WX2 3/4	
25	814-473C	TYRE 10.0/75-15 14 PLY BKT AW 909	
26	814-474C	WHEEL 10.0/75-15 - 14 PLY BKT AW909 TYRE	
27	814-475C	RIM 10.0/75 + 11.5/80 - 6 STUD	
28	815-462C	6 STUD HUB & SPINDLE - SHORT	
29	817-874C	SLEEVE BEARING 2 1/2 I.D.	
30	842-034C	HHCS M16X2X80 GR8.8	
31	890-836C	BUSHING 1 1/4X1X1/2 HRD ST SLT	

Gauge Wheel Assembly

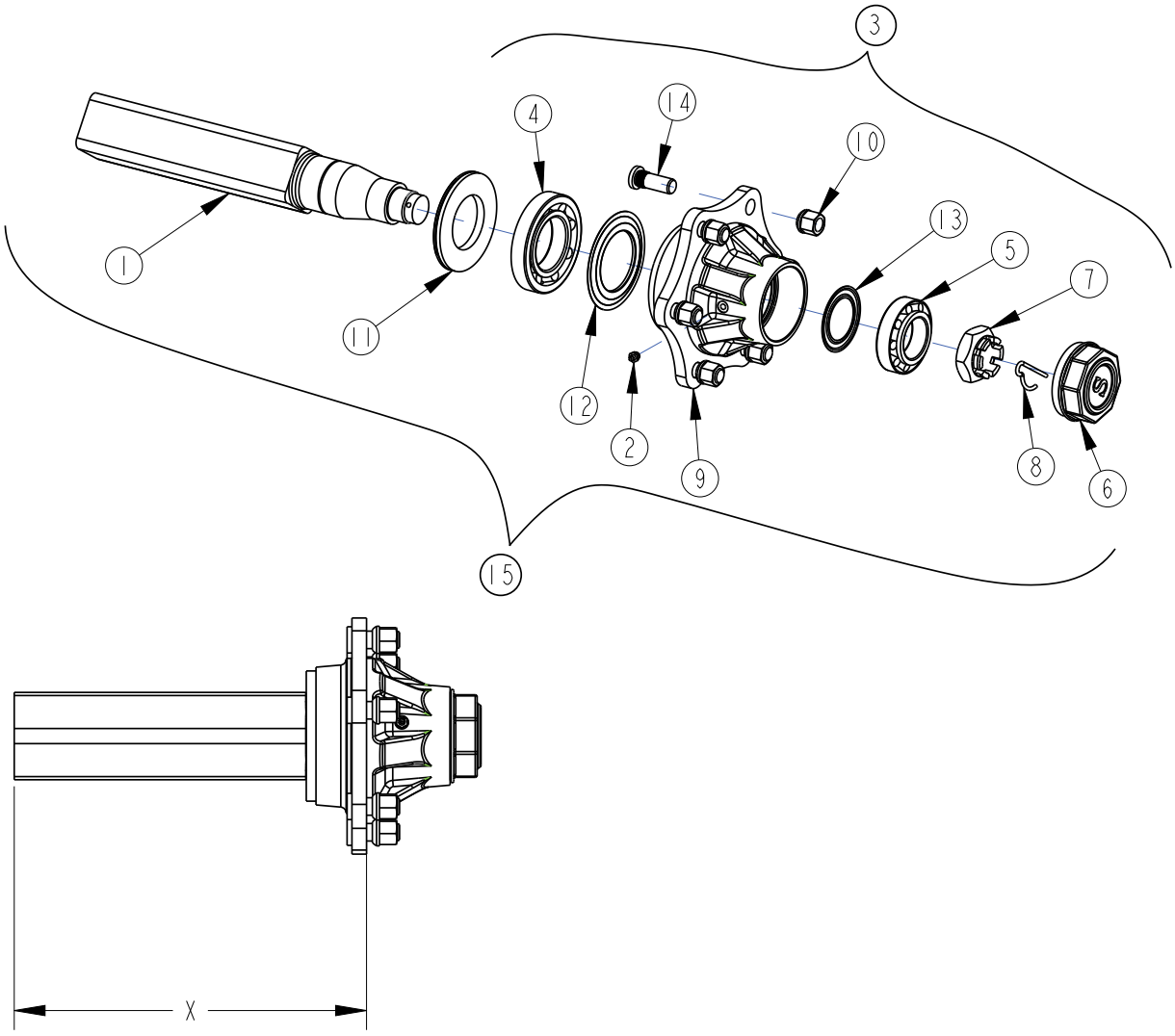


46010

Gauge Wheel Assembly

Item	Part No.	Part Description	Comments
1	603-096D	PLATE 12MM	
2	620-060H	WHEEL ARM MOUNT	
3	620-061H	GAUGE WHEEL SPINDLE RECEIVER	
4	620-155V	INNER WING DEPTH WHEEL ASSY	
5	802-458C	HHCS M12X1.75X30 GR8.8	
6	802-943C	HHCS M16X2.0X90 GR8.8	
7	802-981C	HHCS M16X2X30 GR8.8	
8	802-982C	HHCS M16X2X45 GR8.8	
9	803-423C	NUT HEX M16X2 PLT	
10	803-446C	NUT HEX M12X1.75 PLT	
11	804-159C	WASHER SPRING LOCK M12 PLT	
12	804-187C	WASHER SPRING LOCK M16 PLT	
13	814-473C	TYRE 10.0/75-15 14 PLY BKT AW 909	
14	814-474C	WHEEL & TYRE	INCLUDES ITEMS 13 & 15
15	814-475C	RIM 10.0/75 + 11.5/80 - 6 STUD	
16	803-430C	WHEEL NUT M18X1.5	
17	815-461C	6 STUD HUB & SPINDLE - SHORT	
18	842-034C	HHCS M16X2X80 GR8.8	
19	890-888C	SCREW JACK 2000# TP-WIND SPCL	

Hub & Spindle Assembly

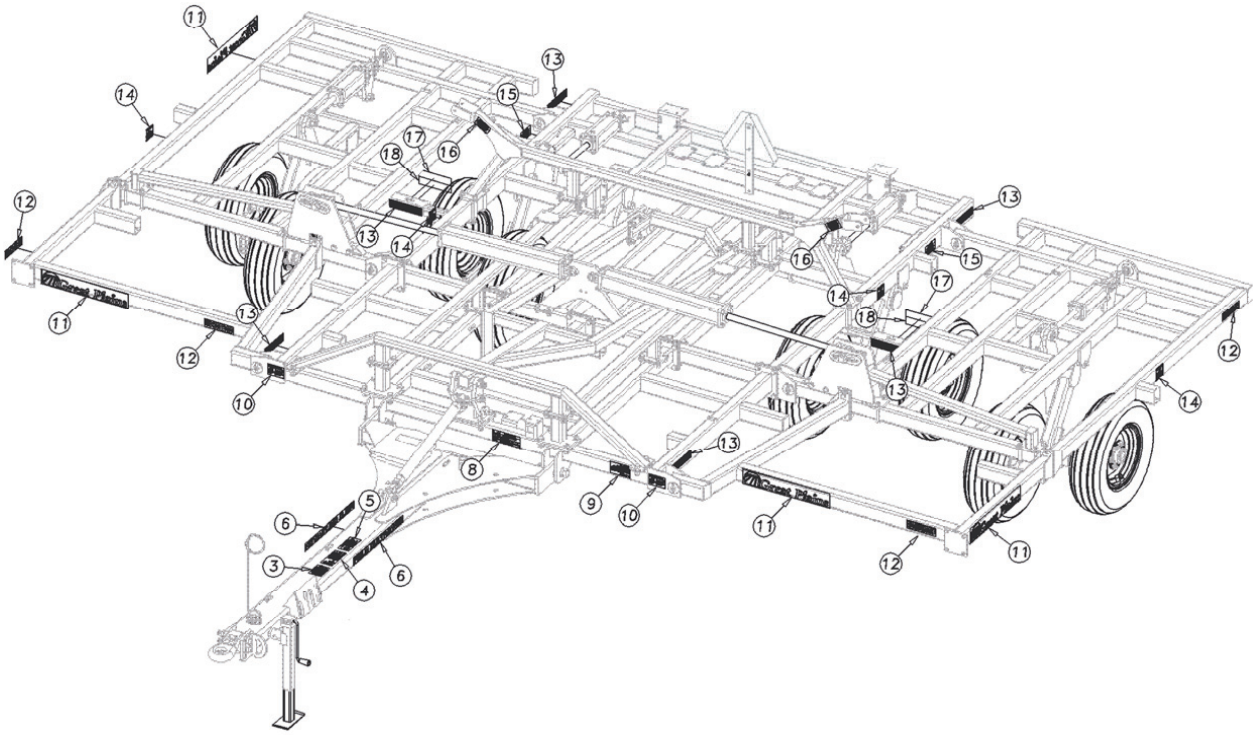


46003

Hub & Spindle Assembly

Item	Part No.	Part Description	Comments
1	620-487D	STUB AXLE SQ 70X70	
2	800-417C	GREASE NIPPLE 1/8BSP	
3	815-434C	6 STUD HUB COMPLETE	
4	815-414C	SMALL BEARING	
5	815-417C	LARGE BEARING	
6	815-409C	DUST CAP 6 STUD	
7	815-419C	NUT CASTLE M39X1.5	
8	815-420C	SPRING CLIP Ø4X67	
9	815-411C	HUB - 6 STUD	
10	803-430C	WHEEL NUT M18X1.5	
11	815-415C	GREASE SEAL Ø120XØ67	
12	815-413C	SHIM WASHER Ø120XØ74	
13	815-416C	SHIM WASHER Ø80XØ52	
14	842-106C	WHEEL STUD M18X1.5X50 10.9	
15	815-458C	6 STUD HUB & SPINDLE	X = 397.5mm
	815-459C	6 STUD HUB & SPINDLE	X = 382.5mm
	815-460C	6 STUD HUB & SPINDLE	X = 362.5mm
	815-461C	6 STUD HUB & SPINDLE	X = 342.5mm
	815-462C	6 STUD HUB & SPINDLE	X = 316.5mm
	815-463C	6 STUD HUB & SPINDLE	X = 344.5mm
	815-467C	6 STUD HUB & SPINDLE	X = 292.5mm

Decals

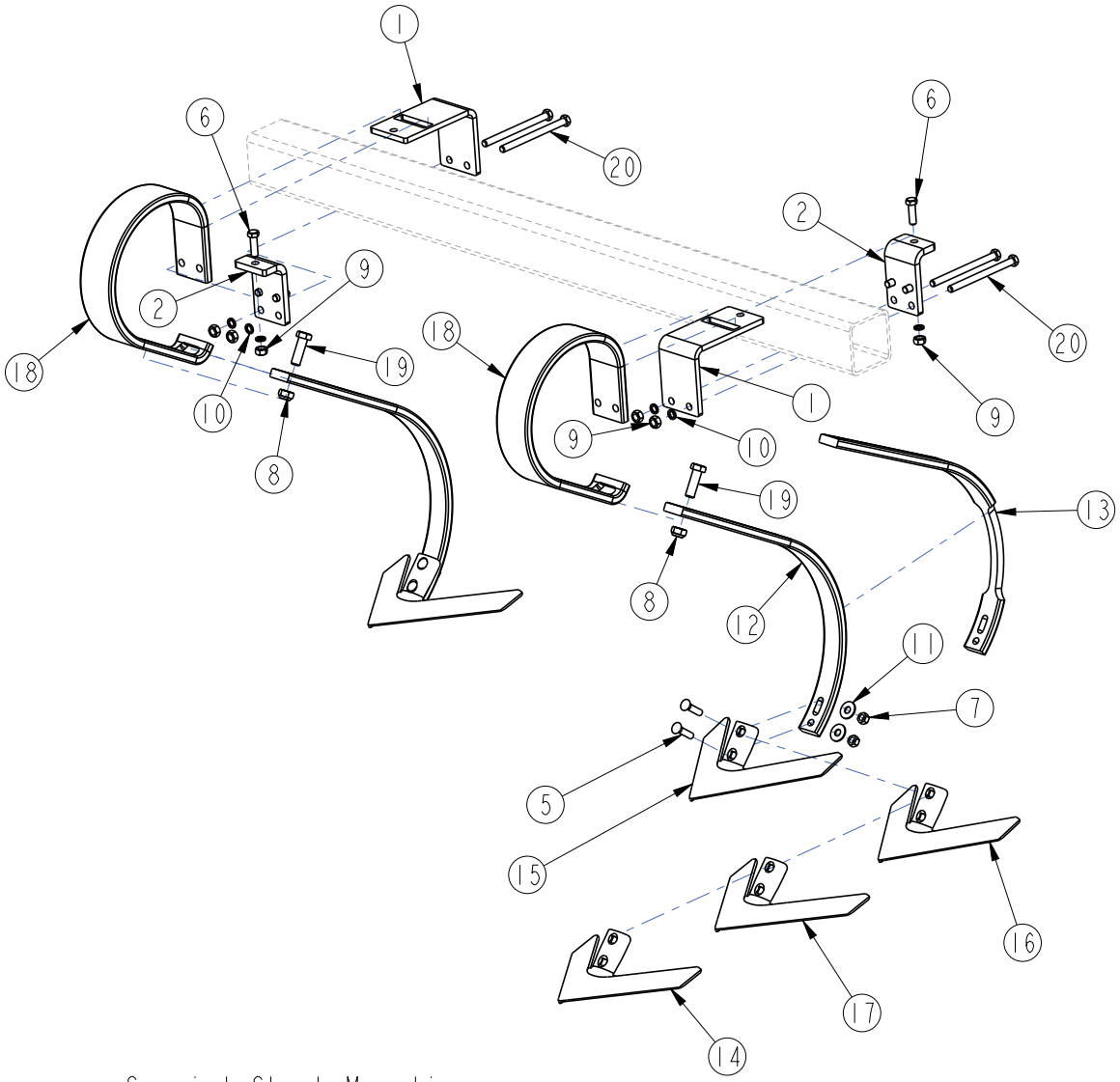


41717

Decals

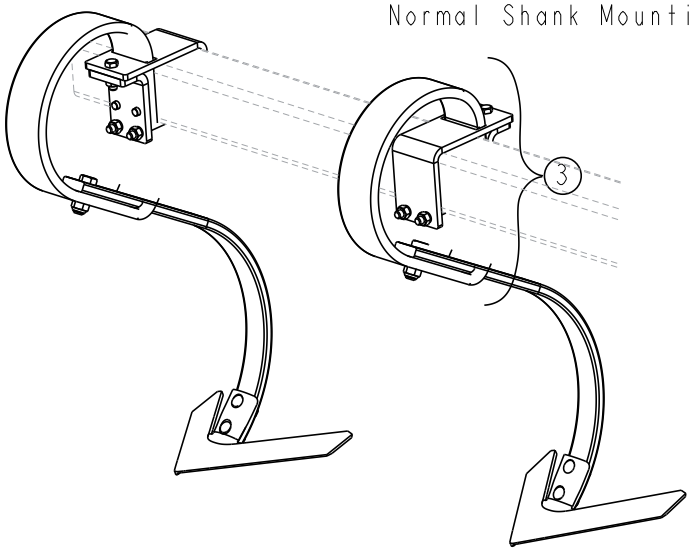
Item	Part No.	Part Description	Comments
1	-	-	
2	-	-	
3	838-598C	DECAL CAUTION GENERAL 4X5	
4	838-600C	DECAL DANGER CRUSHING HAZARD	
5	838-606C	DECAL WARNING TONGUE RISING	
6	858-100C	DECAL FIELD CULTIVATOR	
7	-	-	
8	838-094C	DECAL WARNING HYD PRESS LONG	
9	838-599C	DECAL DANGER ELECTROCUTION HA	
10	P11645	DECAL WARNING HAND CRUSHING	
11	P18755	DECAL LOGO	
12	858-145C	DECAL 8308	
	858-106C	DECAL 8310	
	858-146C	DECAL 8512	
	858-102C	DECAL 8513	
13	838-615C	DECAL REFLECTOR AMBER 2X9	
14	P11643	DECAL WARNING OVERHEAD WING	
15	838-613C	DECAL NOTICE TRANSPORT LOCKS	
16	838-612C	DECAL WARNING WINGS COULD FALL	
17	838-614C	DECAL REFLECTOR RED 2X9	
18	838-603C	DECAL REFLECTOR ORANGE 2X9	

K-Flex Shank Assembly



Special Shank Mounting

Normal Shank Mounting

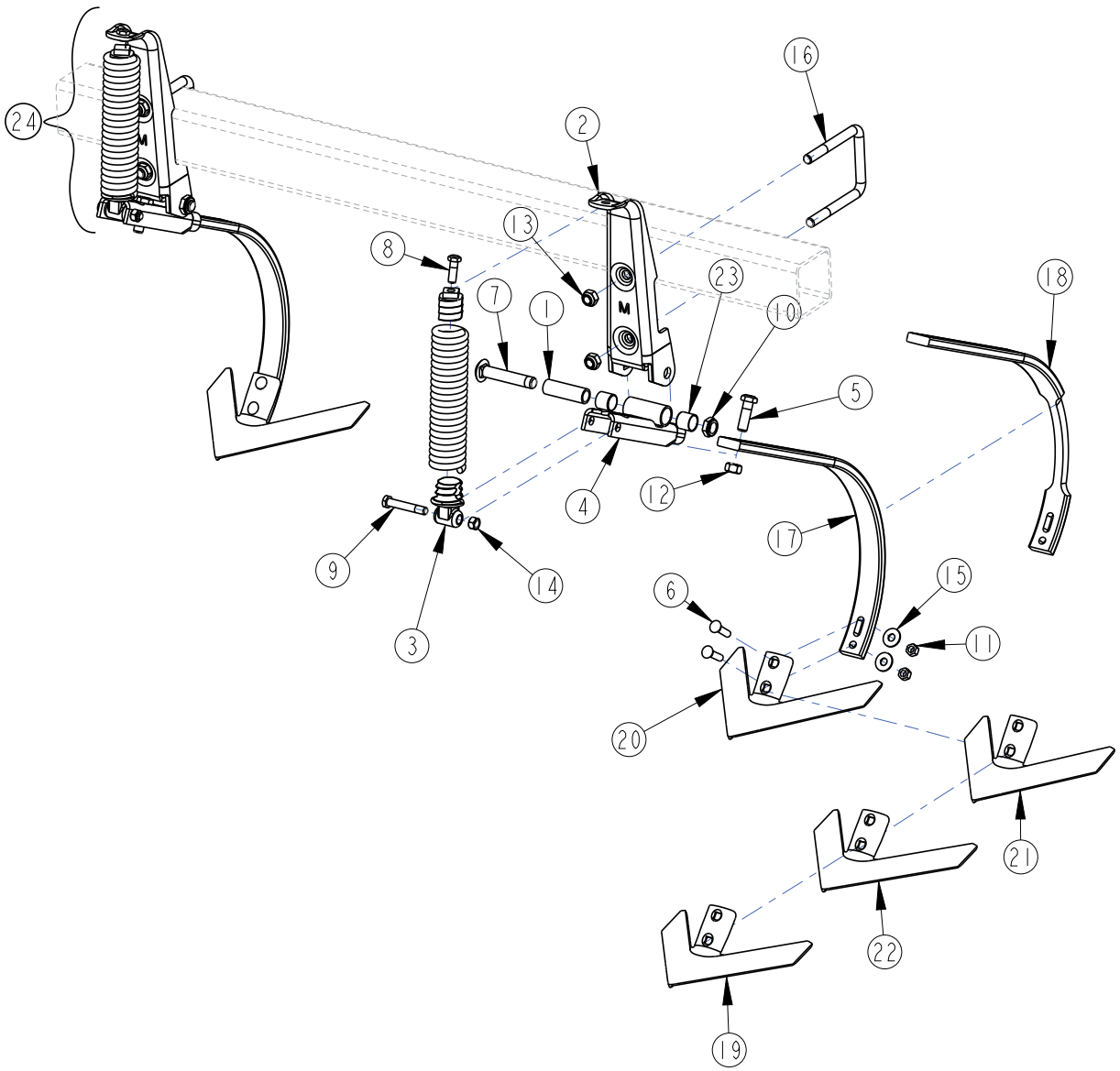


46002

K-Flex Shank Assembly

Item	Part No.	Part Description	Comments
1	620-067D	CLAMP PLATE 10MM	
2	620-115F	TINE CLIP	
3	620-136V	FIELD CULTI - TINE BUNDLE	
4	620-157D	RHS 100X100X6	
5	802-090C	PLOW 7/16-14X1 3/4 GR5	
6	802-977C	HHCS M12X1.75X40 GR8.8	
7	803-245C	NUT HEX NYLOCK 7/16-14 PLT	
8	803-282C	NUT HEX M16X2.00 NYLON INSERT	
9	803-446C	NUT HEX M12X1.75 PLT	
10	804-159C	WASHER SPRING LOCK M12 PLT	
11	804-204C	WASHER FLAT 7/16 USS PLT	
12	820-295C	SHANK 5/8X 1 3/4X30 FLAT	
13	820-296C	SHANK 5/8X1 3/4X30 MIN DRAFT	
14	820-400C	SWEEP 10 HARDFACED	
15	820-401C	CULTVTR SWEEP 11 IN HARD FACED	
16	820-404C	SWEEP 10 REGULAR	
17	820-405C	SWEEP 11 REGULAR	
18	820-533C	K-FLEX SHANK MOUNT - EURO FC	
19	842-033C	HHCS M16X2X50 GR8.8	
20	842-215C	HHCS M12X1.75X160 GR8.8	

Magnum Shank Assembly

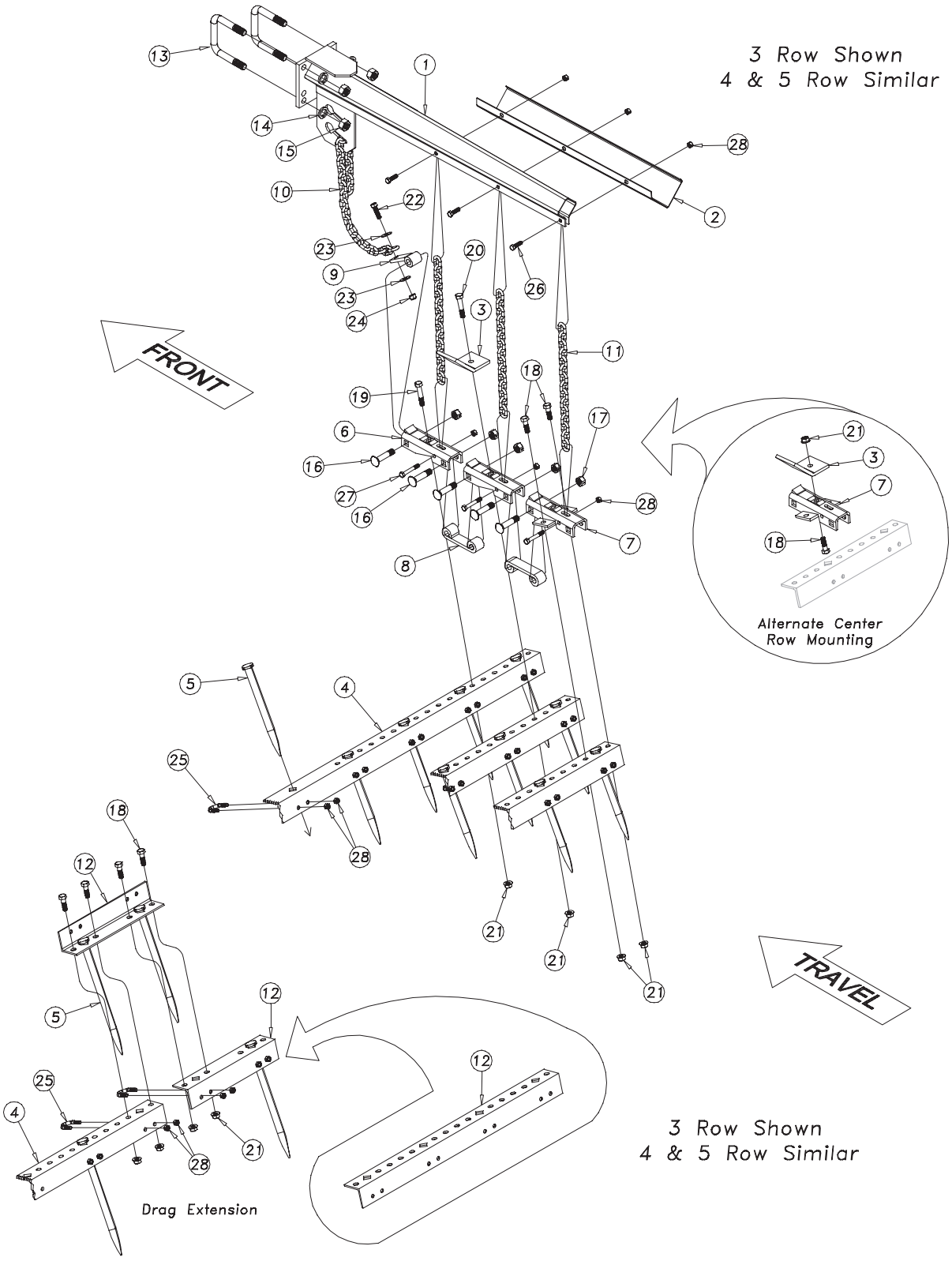


46001

Magnum Shank Assembly

Item	Part No.	Part Description	Comments
1	552-034D	SHANK BRACKET PIVOT TUBE	
2	552-035D	SHANK UPRIGHT METRIC	
3	552-057V	HEAVY SPRING/PLUG SUB ASSY	
4	552-161V	SHANK CRADLE WITH BUSHINGS	
5	802-055C	HHCS 5/8-11X2 GR5	
6	802-090C	PLOW 7/16-14X1 3/4 GR5	
7	802-485C	RHSNB 3/4-10X4 1/8 GR5 SPTHD	
8	802-507C	HHCS 1/2-13X1 1/2 GR5 SPTHD	
9	802-535C	HHCS 1/2-13X3 GR5 SPTHD PLT	
10	803-126C	NUT HEX JAM NYLOCK 3/4-10 PLT	
11	803-245C	NUT HEX NYLOCK 7/16-14 PLT	
12	803-271C	NUT HEX TOP LOCK 5/8-11 PLT	
13	803-282C	NUT HEX M16X2.00 NYLON INSERT	
14	803-342C	NUT HEX TOP LOCK 1/2-13 PLT	
15	804-204C	WASHER FLAT 7/16 USS PLT	
16	806-240C	U-BOLT M16X2 X 101 X 145	
17	820-295C	SHANK 5/8X 1 3/4X30 FLAT	
18	820-296C	SHANK 5/8X1 3/4X30 MIN DRAFT	
19	820-400C	SWEEP 10 HARDFACED	
20	820-401C	CULTVTR SWEEP 11 IN HARD FACED	
21	820-404C	SWEEP 10 REGULAR	
22	820-405C	SWEEP 11 REGULAR	
23	837-008C	SLEEVE BEARING 1 ID	
24	552-162S	MAGNUM SHANK - TOP	DOES NOT INCLUDE U-BOLT / TINE

Spike Drag Assembly S3T, S4T & S5T

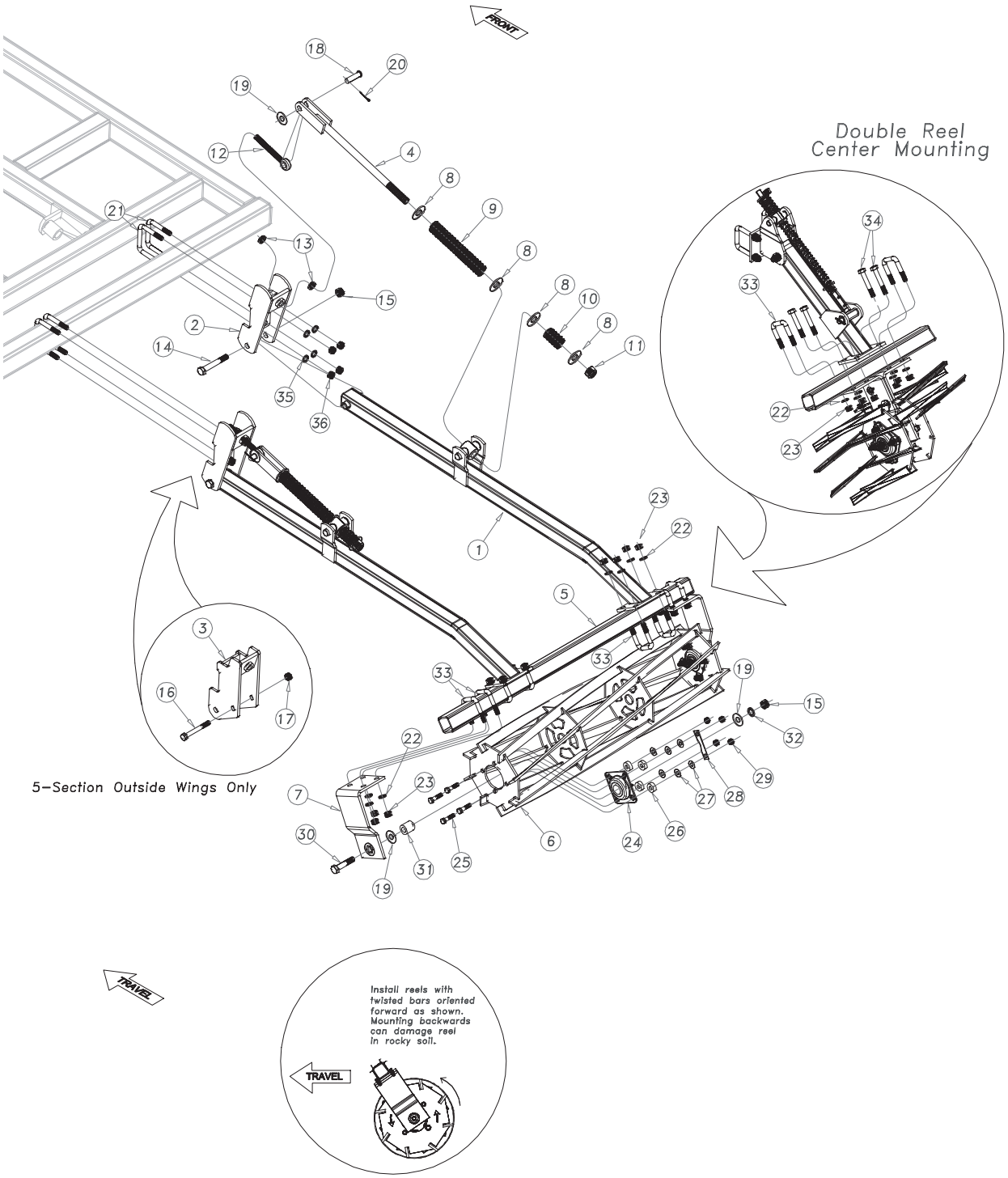


46018

Spike Drag Assembly S3T, S4T & S5T

Item	Part No.	Part Description	Comments
1	575-506H	CARRIER ARM (3 ROW)	
2	550-042H	CARRIER ARM (4/5 ROW)	
	575-125D	CATCH TRAY 48" (S4T/S5T)	
	575-126D	CATCH TRAY 28" (S3T)	
3	575-124D	CATCH FOR 180 DEGREE FOLD	
4	575-300D	1/4" ANGLE, 5 HOLE, 41	
	575-301D	1/4" ANGLE, 6 HOLE, 50	
	575-302D	1/4" ANGLE, 7 HOLE, 59	
	575-303D	1/4" ANGLE, 8 HOLE, 68	
	575-304D	1/4" ANGLE, 9 HOLE, 77	
	575-305D	1/4" ANGLE, 10 HOLE, 86	
	575-306D	1/4" ANGLE, 11 HOLE, 95	
	575-307D	1/4" ANGLE, 13 HOLE, 113	
	575-308D	1/4" ANGLE, 15 HOLE, 131	
	575-309D	1/4" ANGLE, 17 HOLE, 149	
5	820-288C	SPIKE TOOTH SQ 3/4 X 11	
6	550-135D	BAR BRACKET	
7	550-043H	DOUBLE BAR BRACKET	
8	585-010D	LINK, SPIKE DRAG	
9	575-512H	FRONT DRAG LINK ASSEMBLY	
10	890-837C	5/16" PULL CHAIN (25LINK)	
11	890-553C	5/16" HANG CHAIN (15LINK)	
12	570-061D	EXTENSION BAR, 2-HOLE	
	570-062D	EXTENSION BAR, 4-HOLE	
13	806-226C	U-BOLT M16-2.00 X 102 X 140	
14	804-187C	WASHER SPRING LOCK M16 PLT	
15	803-423C	NUT HEX M16X2 PLT	
16	802-766C	RHSNB 5/8-11 X 2 7/8 SPL	
17	803-271C	NUT LOCK 5/8-11 PLT	
18	802-091C	HHCS 1/2-13 X 1 1/2 GR5	
19	802-130C	HHCS 1/2-13 X 2 1/2 GR5	
20	802-039C	HHCS 1/2-13 X 3 GR5	
21	803-037C	NUT HEX WHIZ 1/2-13	
22	802-029C	HHCS 7/16-14 X 1 1/2 GR5	
23	804-204C	WASHER FLAT 7/16 USS PLT	
24	803-245C	NUT HEX NYLOCK 7/16-14 PLT	
25	806-181C	U-BOLT 3/8-16 X 1 1/8 3-CORNER	
26	802-079C	HHCS 3/8-16 X 1 1/4 GR5	
27	802-114C	HHCS 3/8-16 X 2 1/2 GR5	
28	803-123C	NUT HEX TOP LOCK 3/8-16 PLT	
	803-013C	NUT LOCK 3/8-16 PLT	

Reel Following S3T Spike Assembly

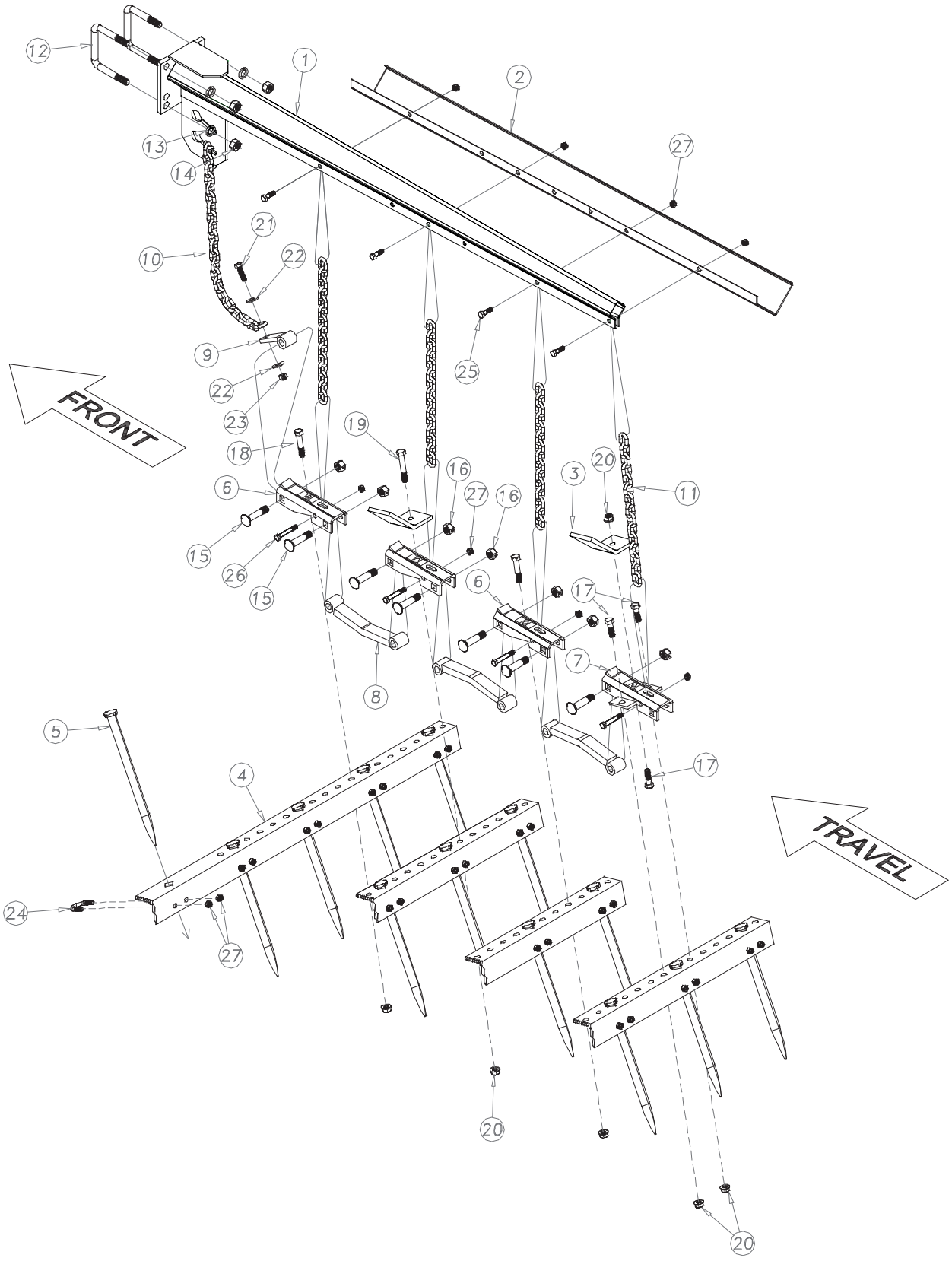


46019

Reel Following S3T Spike Assembly

Item	Part No.	Part Description	Comments
1	575-522H	REEL MOUNTING ARM	
2	575-523H	REEL MOUNT BRKT 4" BAR	
3	552-106H	REEL MOUNT BRKT 4" BARW/STOP	
4	552-049H	SPRING BOLT 1 X 23 LONG	
5	575-092D	PART - 5' REEL	
	575-093D	PART - 6' REEL	
	575-095D	PART - 7' REEL	
	575-224D	PART - 8' REEL	
	575-096D	PART - 9' REEL	
	575-097D	PART - 10' REEL	
	575-098D	PART - 11' REEL	
	575-099D	PART - 12' REEL	
6	575-988H	3 1/2' HD REEL	
	575-989H	5' HD REEL	
	575-990H	6' HD REEL	
	575-987H	7' HD REEL	
7	575-521H	REEL MOUNTING BRACKET	
8	804-028C	WASHER FLAT 1 USS PLT	
9	807-225C	SPRG COMP 1 3/4OD X 5/16W X 11 1/2	
10	807-226C	SPRNG COM 1 13/16OD X 3/8W X 2 3/4	
11	803-038C	NUT HEX 1-8 NYLON INSERT PLT	
12	802-768C	EYE BOLT 3/4-10X6 1/2 PLT	
13	803-048C	NUT HEX JAM 3/4-10 PLT	
14	802-069C	HHCS 3/4-10X5 GR5	
15	803-026C	NUT LOCK 3/4-10 PLT	
16	802-062C	HHCS 5/8-11X5 GR5	
17	803-271C	NUT LOCK 5/8-11 PLT	
18	805-140C	PIN CLEVIS 3/4 X 2 1/2 PLT	
19	804-024C	WASHER FLAT 3/4 USS PLT	
20	805-089C	PIN COTTER 5/32 X 1 1/2	
21	806-226C	U-BOLT M16-2.00 X 102 X 140	
22	804-022C	WASHER LOCK SPRING 5/8 PLT	
23	803-021C	NUT HEX 5/8-11 PLT	
24	822-208C	BRG FLG 1.50ID 4BOLT SQ	
25	802-128C	HHCS 1/2-13X2 GR5	
26	816-429C	WASHER RBR 1 3/8OD X 9/16ID X 1/2L	
27	804-017C	WASHER FLAT 1/2 USS PLT	
28	589-085D	ZERK GUARD ROLLING HARROW	
29	803-342C	NUT HEX TOP LOCK 1/2-13PLT	
30	802-066C	HHCS 3/4-10X3 1/2 GR5	
31	575-141D	REEL BEARING SPACER	
32	804-023C	WASHER LOCK SPRING 3/4 PLT	
33	806-182C	U-BOLT 5/8-11X2 17/32 X 3 1/2	
34	802-060C	HHCS 5/8-11X4 GR5	
35	804-187C	WASHER SPRING LOCK M16 PLT	
36	803-423C	NUT HEX M16X2 PLT	

Spike Drag High Residue Assembly S4T

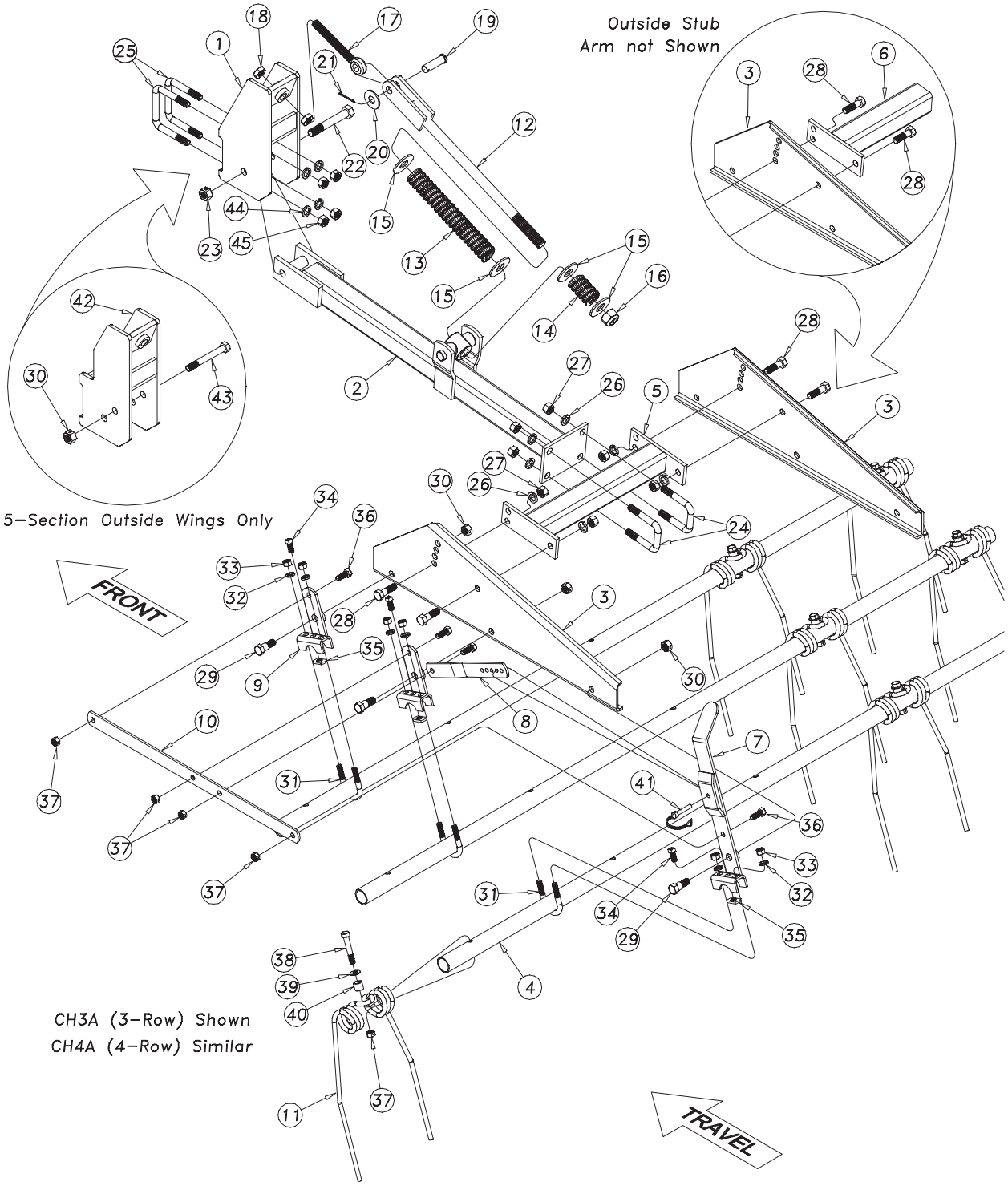


46020

Spike Drag High Residue Assembly S4T

Item	Part No.	Part Description	Comments
1	550-042H	CARRIER ARM (4/5 ROW)	
2	575-312D	CATCH TRAY 66" (S4T-HR)	
3	575-124D	CATCH FOR 180 DEGREE FOLD	
4	575-300D	1/4" ANGLE 5 HOLE 41	
	575-301D	1/4" ANGLE 6 HOLE 50	
	575-302D	1/4" ANGLE 7 HOLE 59	
	575-303D	1/4" ANGLE 8 HOLE 68	
	575-304D	1/4" ANGLE 9 HOLE 77	
	575-305D	1/4" ANGLE 10 HOLE 86	
	575-306D	1/4" ANGLE 11 HOLE 95	
	575-307D	1/4" ANGLE 13 HOLE 113	
	575-308D	1/4" ANGLE 15 HOLE 131	
	575-309D	1/4" ANGLE 17 HOLE 149	
5	820-012C	SPIKE TOOTH SQ 3/4X14	
6	550-135D	BAR BRACKET	
7	550-043H	DOUBLE BAR BRACKET	
8	575-859H	LINK HR SPIKE HARROW	
9	575-512H	FRONT DRAG LINK ASSEMBLY	
10	890-837C	5/16" PULL CHAIN (25 LINK)	
11	890-553C	5/16" HANG CHAIN (15 LINK)	
12	806-226C	U-BOLT M16-2.00 X 102 X 140	
13	804-187C	WASHER SPRING LOCK M16 PLT	
14	803-423C	NUT HEX M16X2 PLT	
15	802-766C	RHSNB 5/8-11X2 7/8 SPL	
16	803-271C	NUT HEX TOP LOCK 5/8-11 PLT	
17	802-091C	HHCS 1/2-13X1 1/2 GR5	
18	802-130C	HHCS 1/2-13X2 1/2 GR5	
19	802-039C	HHCS 1/2-13X3 GR5	
20	803-037C	NUT HEX WHIZ 1/2-13	
21	802-029C	HHCS 7/16-14X1 1/2 GR5	
22	804-204C	WASHER FLAT 7/16 USS PLT	
23	803-245C	NUT HEX NYLOCK 7/16-14 PLT	
24	806-181C	U-BOLT 3/8-16 X 1 1/8 3-CORNER	
25	802-079C	HHCS 3/8-16X1 1/4 GR5	
26	802-114C	HHCS 3/8-16X2 1/2 GR5	
27	803-123C	NUT HEX TOP LOCK 3/8-16 PLT	
	803-013C	NUT LOCK 3/8-16 PLT	

Coil Tine Assembly CH3A & CH4A

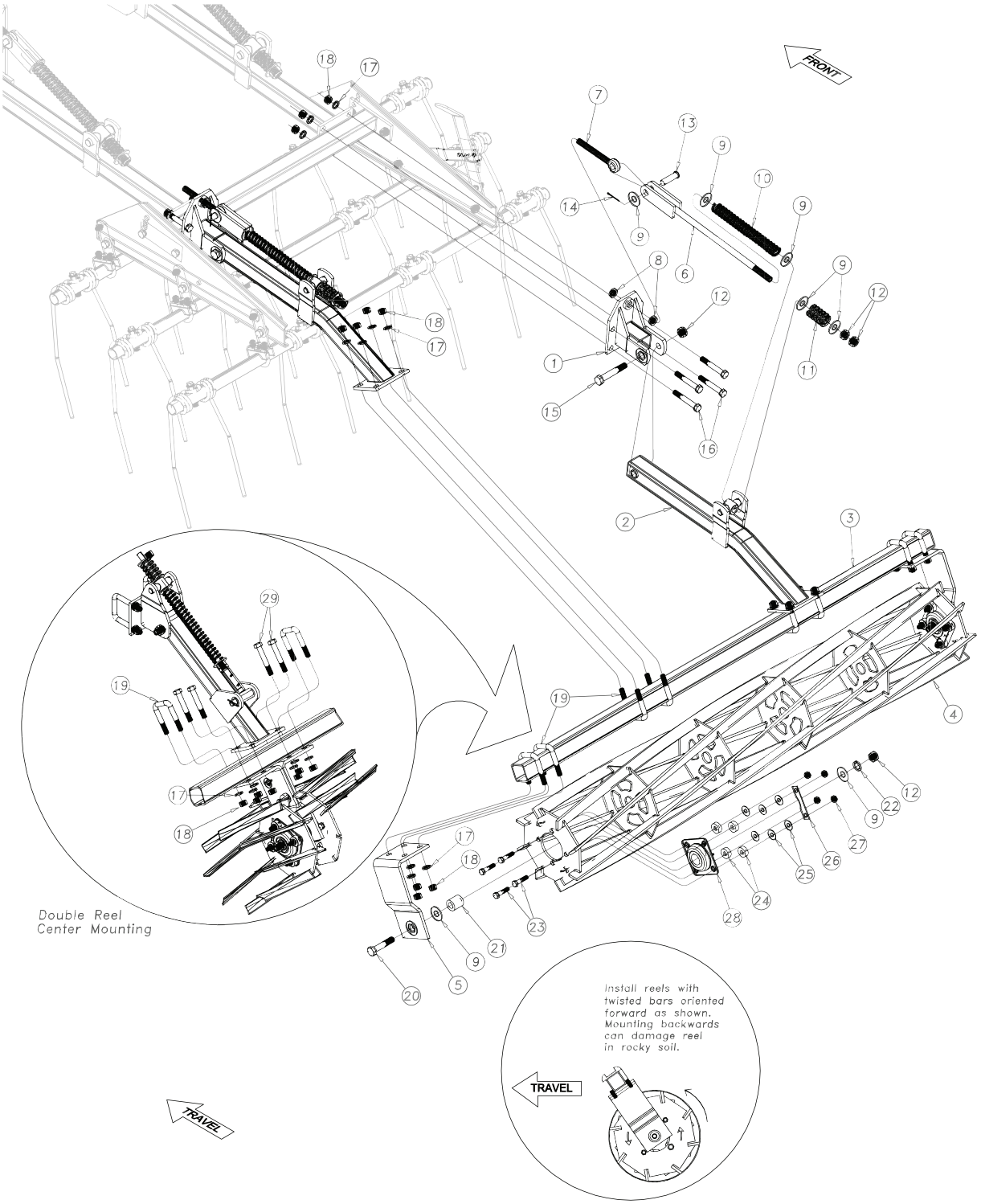


46021

Coil Tine Assembly CH3A & CH4A

Item	Part No.	Part Description	Comments
1	552-045H	DRAG MOUNTING BRACKET	
2	575-517H	DRAG ARM FOR CH3 W/REEL	
3	575-139D	3 BAR SIDE PLATE LH	
	575-138D	3 BAR SIDE PLATE RH	
	552-023D	4 BAR SIDE PLATE LH	
	552-024D	4 BAR SIDE PLATE RH	
4	575-119D	3-HOLE DRAG PIPE 48	
	575-153D	4-HOLE DRAG PIPE 68	
	575-121D	5-HOLE DRAG PIPE 88	
	575-122D	6-HOLE DRAG PIPE 108	
	575-123D	7-HOLE DRAG PIPE 128	
5	575-507H	CH3 DRAG CROSS BRACE (17 1/2)	
	575-508H	CH3 DRAG CROSS TUBE (37 1/2)	
	575-509H	CH3 DRAG CROSS TUBE (57 1/2)	
	575-510H	CH3 DRAG CROSS TUBE (77 1/2)	
6	575-514H	CH3 DRAG CROSS EXTENSION (12)	
7	552-046H	DRAG BAR ADJUSTMENT LEVER	
8	552-018D	DRAG ANGLE ADJUSTMENT STRAP	
9	552-047H	DRAG BAR ADJUSTMENT BRACKET	
10	575-130D	3 BAR CONNECTING STRAP	
	552-017D	4 BAR DRAG CONNECTING STRAP	
11	807-196C	HEAVY COIL TINE	
12	552-049H	SPRING BOLT 1 X 23 LONG	
13	807-225C	SPRG COMP 1 3/4OD X 5/16W X 11 1/2	
14	807-226C	SPRNG COM 1 13/16OD X 3/8W X 2 3/4	
15	804-028C	WASHER FLAT 1 USS PLT	
16	803-038C	NUT HEX 1-8 NYLON INSERT PLT	
17	802-768C	EYE BOLT 3/4-10 X 6 1/2 PLT	
18	803-048C	NUT HEX JAM 3/4-10 PLT	
19	805-140C	PIN CLEVIS 3/4 X 2 1/2 PLT	
20	804-024C	WASHER FLAT 3/4 USS PLT	
21	805-089C	PIN COTTER 5/32 X 1 1/2	
22	802-069C	HHCS 3/4-10X5 GR5	
23	803-026C	NUT LOCK 3/4-10 PLT	
24	806-182C	U-BOLT 5/8-11 X 2 17/32 X 3 1/2	
25	806-226C	U-BOLT M16-2.00 X 102 X 140	
26	804-022C	WASHER LOCK SPRING 5/8 PLT	
27	803-021C	NUT HEX 5/8-11 PLT	
28	802-055C	HHCS 5/8-11 X 2 GR5	
29	802-767C	SHOULDER BOLT 5/8-11 X 1 3/4 SPL	
30	803-271C	NUT LOCK 5/8-11 PLT	
31	806-180C	U-BOLT 1/2-13 X 1 3/4 X 3 1/8 RND	
32	804-015C	WASHER LOCK SPRING 1/2 PLT	
33	803-020C	NUT HEX 1/2-13 PLT	
34	801-054C	SCREW SET SQ HD 1/2-13 X 1 GR5	
35	803-338C	1/2-13 4XPROJECTION WELD NUT	
36	802-034C	HHCS 1/2-13 X 1 1/4 GR5	
37	803-019C	NUT LOCK 1/2-13 PLT	
38	802-039C	HHCS 1/2-13 X 3 GR5	
39	804-094C	WASHER FLAT 1/2 HARD ASTMF436	
40	550-134D	3/4 LONG X 1/2 TINE STOP/SPACR	
41	805-348C	PIN WIRE RETAIN 3/8 X 1 3/4	
42	552-060H	DRAG MOUNTING BRACKET SPECIAL	
43	802-062C	HHCS 5/8-11 X 5 GR5	
44	804-187C	WASHER SPRING LOCK M16 PLT	
45	803-423C	NUT HEX M16X2 PLT	

Reel Following CH3A Coil Tine Assembly

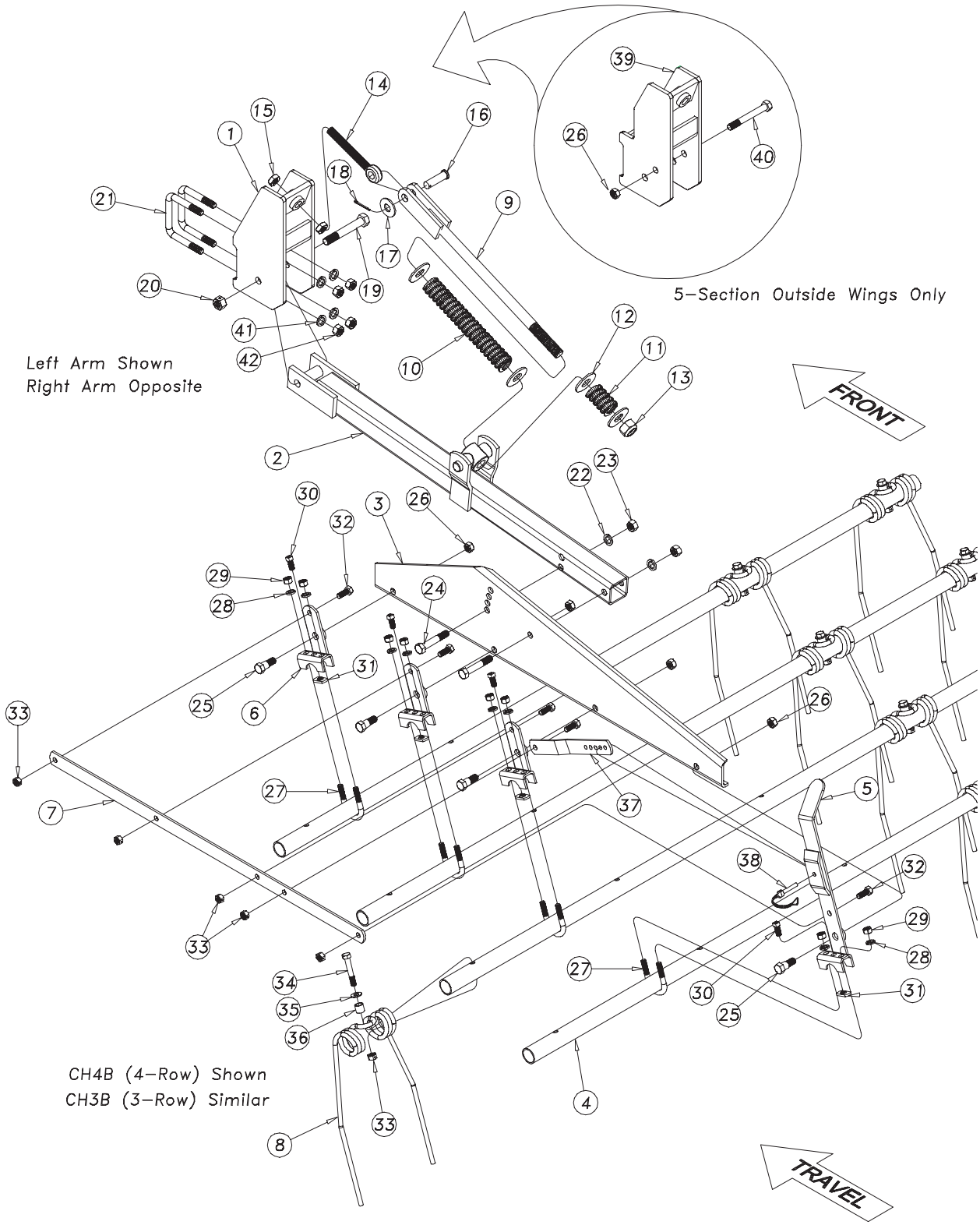


46022

Reel Following CH3A Coil Tine Assembly

Item	Part No.	Part Description	Comments
1	570-185H	ARM MOUNT BRKT 2 1/2" TUBE	
2	575-513H	CH3 REEL MOUNTING ARM	
3	575-273D	PART - 3 1/2' REEL	
	575-092D	PART - 5' REEL	
	575-093D	PART - 6' REEL	
	575-095D	PART - 7' REEL	
	575-224D	PART - 8' REEL	
	575-096D	PART - 9' REEL	
	575-097D	PART - 10' REEL	
	575-098D	PART - 11' REEL	
	575-099D	PART - 12' REEL	
4	575-988H	3 1/2' HD REEL	
	575-989H	5' HD REEL	
	575-990H	6' HD REEL	
	575-987H	7' HD REEL	
5	575-521H	REEL MOUNTING BRACKET	
6	575-516H	CLEVIS BOLT 3/4 (22 1/4)	
7	802-768C	EYE BOLT 3/4-10 X 6 1/2 PLT	
8	803-048C	NUT HEX JAM 3/4-10 PLT	
9	804-024C	WASHER FLAT 3/4 USS PLT	
10	807-224C	SPRG COM 1.47OD X .31W X 11 3/8 BL	
11	807-226C	SPRNG COM 1 13/16OD X 3/8W X 2 3/4	
12	803-026C	NUT LOCK 3/4-10 PLT	
13	805-140C	PIN CLEVIS 3/4 X 2 1/2 PLT	
14	805-089C	PIN COTTER 5/32 X 1 1/2	
15	802-192C	HHCS 3/4-10 X 4 1/2 GR5	
16	802-060C	HHCS 5/8-11 X 4 GR5	
17	804-022C	WASHER LOCK SPRING 5/8 PLT	
18	803-021C	NUT HEX 5/8-11 PLT	
19	806-182C	U-BOLT 5/8-11 X 2 17/32 X 3 1/2	
20	802-066C	HHCS 3/4-10 X 3 1/2 GR5	
21	575-141D	REEL BEARING SPACER	
22	804-023C	WASHER LOCK SPRING 3/4 PLT	
23	802-128C	HHCS 1/2-13 X 2 GR5	
24	816-429C	WASHER RBR 1 3/8OD X 9/16ID X 1/2L	
25	804-017C	WASHER FLAT 1/2 USS PLT	
26	589-085D	ZERK GUARD ROLLING HARROW	
27	803-342C	NUT HEX TOP LOCK 1/2-13PLT	
28	822-208C	BRG FLG 1.50ID 4BOLT SQ	
29	802-060C	HHCS 5/8-11X4 GR5	

Coil Tine Assembly CH3B & CH4B

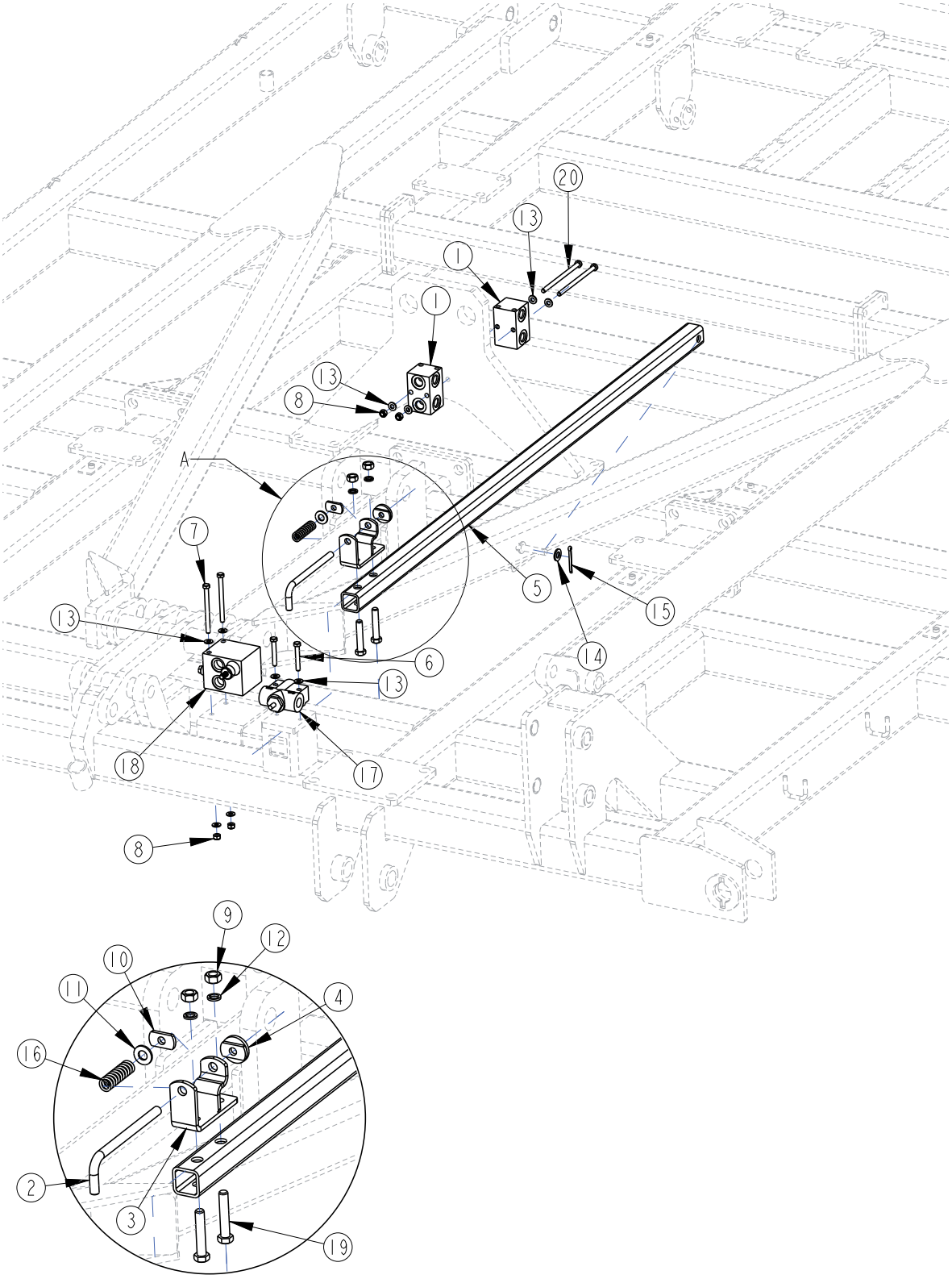


46023

Coil Tine Assembly CH3B & CH4B

Item	Part No.	Part Description	Comments
1	552-045H	DRAG MOUNTING BRACKET	
2	552-048H	DRAG ARM	
3	552-023D	4 BAR SIDE PLATE LH	(SHOWN)
	552-024D	4 BAR SIDE PLATE RH	
4	575-119D	3-HOLE DRAG PIPE 48	
	575-153D	4-HOLE DRAG PIPE 68	
	575-121D	5-HOLE DRAG PIPE 88	(SHOWN)
	575-122D	6-HOLE DRAG PIPE 108	
	575-123D	7-HOLE DRAG PIPE 128	
5	552-046H	DRAG BAR ADJUSTMENT LEVER	
6	552-047H	DRAG BAR ADJUSTMENT BRACKET	
7	575-130D	3 BAR CONNECTING STRAP	
7	552-017D	4 BAR DRAG CONNECTING STRAP	(SHOWN)
8	807-196C	HEAVY COIL TINE	
9	552-049H	SPRING BOLT 1 X 23 LONG	
10	807-225C	SPRG COMP 1 3/4ODX5/16WX11 1/2	
11	807-226C	SPRNG COM 1 13/16ODX3/8WX2 3/4	
12	804-028C	WASHER FLAT 1 USS PLT	
13	803-038C	NUT HEX 1-8 NYLON INSERT PLT	
14	802-768C	EYE BOLT 3/4-10 X 6 1/2 PLT	
15	803-048C	NUT HEX JAM 3/4-10 PLT	
16	805-140C	PIN CLEVIS 3/4 X 2 1/2 PLT	
17	804-024C	WASHER FLAT 3/4 USS PLT	
18	805-089C	PIN COTTER 5/32 X 1 1/2	
19	802-069C	HHCS 3/4-10 X 5 GR5	
20	803-026C	NUT LOCK 3/4-10 PLT	
21	806-226C	U-BOLT M16-2.00 X 102 X 140	
22	804-022C	WASHER LOCK SPRING 5/8 PLT	
23	803-021C	NUT HEX 5/8-11 PLT	
24	802-162C	HHCS 5/8-11 X 3 1/2 GR5	
25	802-767C	SHOULDER BOLT 5/8-11 X 1 3/4 SPL	
26	803-271C	NUT LOCK 5/8-11 PLT	
27	806-180C	U-BOLT 1/2-13 X 1 3/4 X 3 1/8 RND	
28	804-015C	WASHER LOCK SPRING 1/2 PLT	
29	803-020C	NUT HEX 1/2-13 PLT	
30	801-054C	SCREW SET SQ HD 1/2-13 X 1 GR5	
31	803-338C	1/2-13 4XPROJECTION WELD NUT	
32	802-034C	HHCS 1/2-13 X 1 1/4 GR5	
33	803-019C	NUT LOCK 1/2-13 PLT	
34	802-039C	HHCS 1/2-13 X 3 GR5	
35	804-094C	WASHER FLAT 1/2 HARD ASTMF436	
36	550-134D	3/4 LONG X 1/2 TINE STOP/SPACR	
37	552-018D	DRAG ANGLE ADJUSTMENT STRAP	
38	805-348C	PIN WIRE RETAIN 3/8 X 1 3/4	
39	552-060H	DRAG MTG BRACKET SPECIAL	
40	802-062C	HHCS 5/8-11 X 5 GR5	
41	804-187C	WASHER SPRING LOCK M16 PLT	
42	803-423C	NUT HEX M16X2 PLT	

Hydraulic Valve Assembly

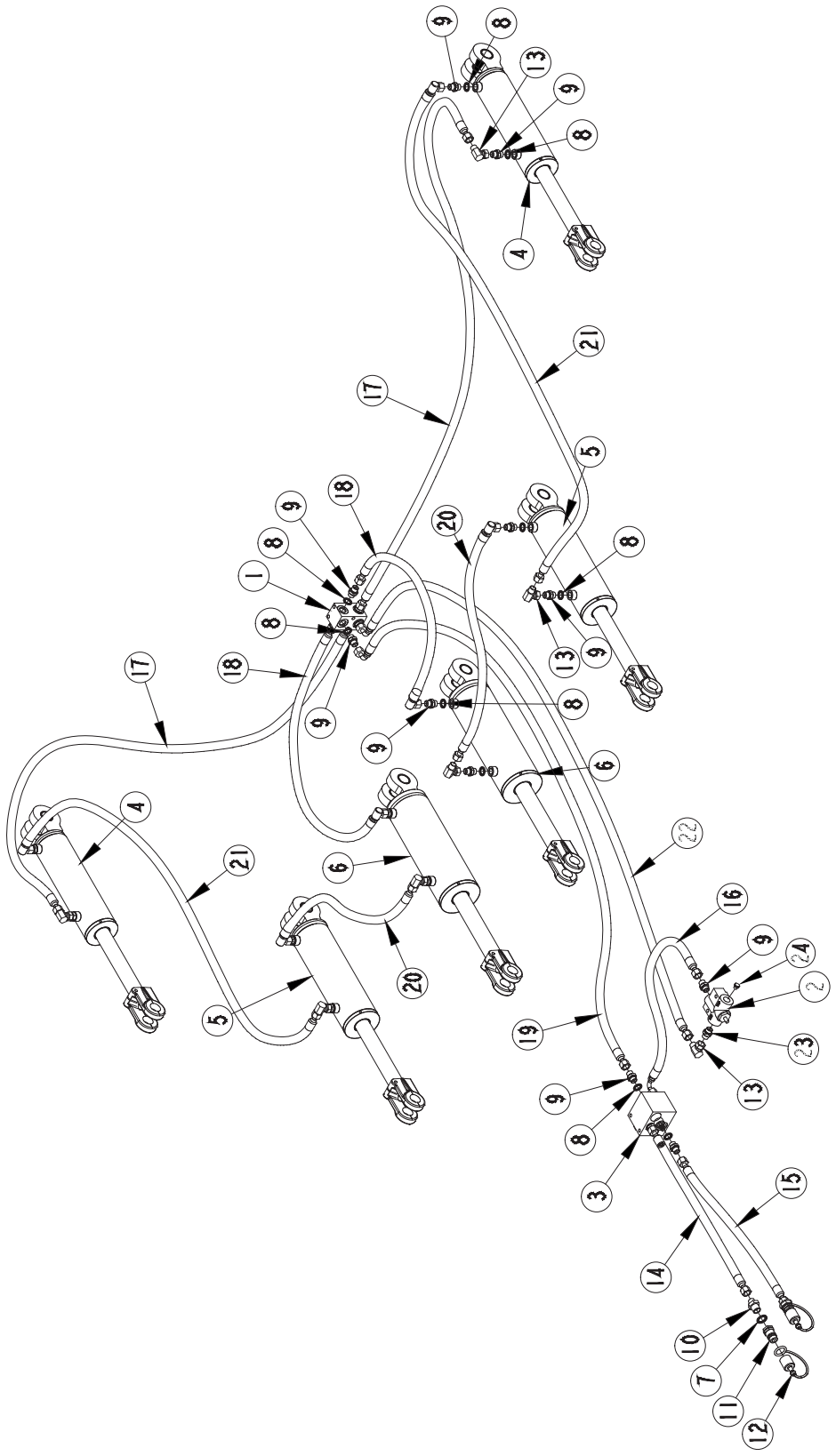


46028

Hydraulic Valve Assembly

Item	Part No.	Part Description	Comments
1	560-536D	DOUBLE HYD TEE BLOCK	
2	620-043D	BAR DIA. 12MM	
3	620-055H	DEPTH STOP BRACKET	
4	620-056H	DEPTH STOP END	
5	620-245D	RHS 40X40X4	
6	802-684C	HHCS M8X1.25X55 GR8.8	
7	802-760C	HHCS M8X1.25X100 GR8.8	
8	803-278C	NUT HEX NYLOCK M8X1.25 PLT	
9	803-446C	NUT HEX M12X1.75 PLT	
10	803-450C	DEPTHSTOP PLATE 5MM - M12X1.25	
11	804-094C	WASHER FLAT 1/2 HARD ASTMF436	
12	804-159C	WASHER SPRING LOCK M12 PLT	
13	804-161C	WASHER FLAT M8 PLT	
14	804-246C	WASHER FLAT M12 PLT	
15	805-500C	PIN SPLIT Ø4.6X45	
16	807-216C	SPRING COMP .75OD .12W 2.63LG	
17	810-511C	HYD VALVE DEPTH CONTROL CROSS	
18	810-936C	REBOUND VALVE	
19	842-119C	HHCS M12X1.75X65 GR8.8	
20	842-250C	HHCS M8X1.25X140 GR8.8	

Hydraulic Lift Circuit - 5 Section

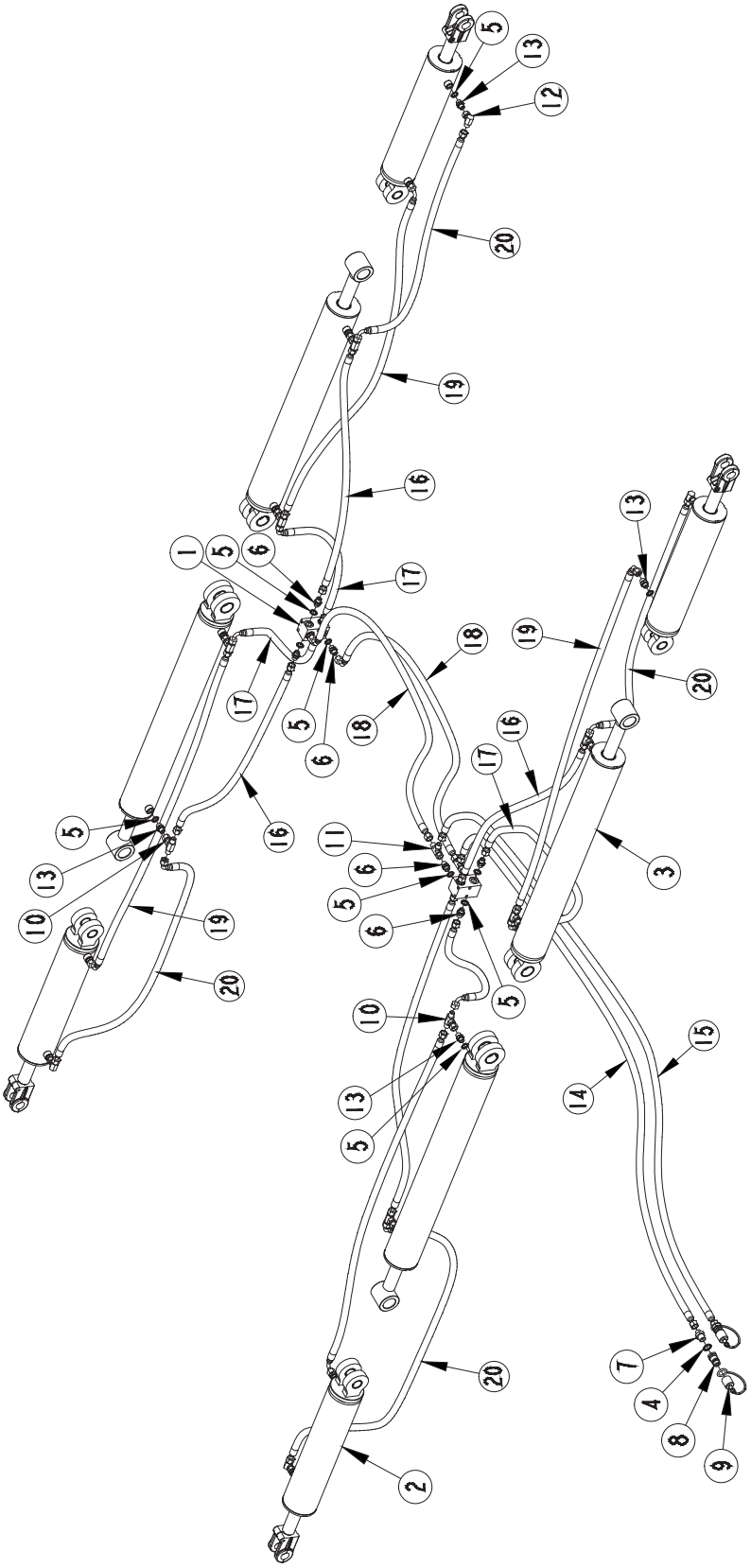


57013

Hydraulic Lift Circuit - 5 Section

Item	Part No.	Part Description	Comments
1	560-536D	DOUBLE HYD TEE BLOCK	
2	810-511C	HYD VALVE DEPTH CONTROL CROSS	
3	810-936C	REBOUND VALVE	
4	810-782C	CYL REP 80X203X40 ROD	
5	810-909C	CYL REP 90X203X40 ROD	
6	810-910C	CYL REP 100X203X44 ROD	
7	841-792C	WASHER 1/2BSPP BONDED	
8	841-793C	WASHER 3/8BSPP BONDED	
9	841-801C	AD 3/8MBSPP 3/8MBSPP	
10	851-149C	AD 1/2MBSPP 3/8MBSPP	
11	851-152C	QUICK RELEASE - 1/2MBSP BALL	
12	851-159C	CAP FOR MALE - RED	
13	851-223C	CPEL 3/8MBSP 3/8FBSP	
14	851-211C	HH3/8R2 5070MM 3/8FBSP3/8FBSP	
15	851-212C	HH3/8R2 5100MM 3/8FBSP3/8FBSP	
16	851-213C	HH3/8R2 330MM 3/8BSP/3/8BSP90	
17	851-341C	HH 3/8R2 8890MM 3/8BSP3/8BSP	
18	851-338C	HH 3/8R2 600MM 3/8BSP3/8BSP90	
19	851-343C	HH 3/8R2 2090MM 3/8BSP3/8BSP90	
20	851-340C	HH 3/8R2 4490MM 3/8BSP3/8BSP90	
21	851-339C	HH 3/8R2 4300MM 3/8BSP3/8BSP90	
22	851-342C	HH 3/8R2 2160MM 3/8BSP3/8BSP90	
23	851-210C	AD 3/8MBSP 3/4MUNF C/W O RING	
24	811-857C	PL 3/4MORB	

Hydraulic Fold Circuit - 5 Section



46029

Hydraulic Fold Circuit - 5 Section

Item	Part No.	Part Description	Comments
1	620-378D	DOUBLE HYD TEE BLOCK	
2	810-911C	CYL 100X406X40 ROD	
3	810-912C	CYL 100X762X40 ROD	
4	841-792C	WASHER 1/2BSPP BONDED	
5	841-793C	WASHER 3/8BSPP BONDED	
6	841-801C	AD 3/8MBSPP 3/8MBSPP	
7	851-149C	AD 1/2MBSPP 3/8MBSPP	
8	851-152C	QUICK RELEASE - 1/2MBSP BALL	
9	851-157C	CAP FOR MALE - YELLOW	
10	851-179C	TE 3/8F 3/8M 3/8M	
11	851-222C	TEE 3/8MBSPP 3/8MBSPP 3/8MBSPP	
12	851-223C	CPEL 3/8MBSP 3/8FBSP	
13	851-225C	AD 3/8MBSPP 3/8MBSPP - 60 THOU	
14	851-248C	HH3/8R2 6595MM 3/8BSP/3/8BSP	
15	851-249C	HH3/8R2 6540MM 3/8BSP/3/8BSP	
16	851-250C	HH3/8R2 980MM 3/8BSP/3/8BSP	
17	851-221C	HH3/8R2 630MM 3/8BSP/3/8BSP90	
18	851-230C	HH3/8R2 2390MM 3/8BSP/3/8BSP90	
19	851-231C	HH3/8R2 4150MM 3/8BSP/3/8BSP90	8513 MACHINE
20	851-232C	HH3/8R2 3610MM 3/8BSP/3/8BSP90	8513 MACHINE

Great Plains UK Ltd.
Woodbridge Road, Sleaford
Lincolnshire, NG34 7EW
United Kingdom

Tel.: +44(0)1529 304654
Fax: +44(0)1529 413468
E-Mail: simba@greatplainsmfg.com
Web: www.greatplainsmfg.co.uk