



PARTS MANUAL

5850 - 3 SECTION CHISEL PLOW

2012 PRODUCTION - SERIAL # 460470 & UP

 **WIL-RICH**

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Orientation

Any reference to left (L) or right (R) sides or components is to be understood as being viewed from behind the implement and looking forward.

Serial Number Break

Every implement has a serial number located on the frame. These serial numbers are consecutively assigned to the implements as they are manufactured. To aid in part ordering, we reference to the serial number at the point the change occurred to provide an accurate means of determining the proper parts. See contents graphic, page 3, for location.

Modifications

It is the policy of WIL-RICH Operations to improve its products whenever possible and practical to do so. We reserve the right to make changes, improvements, and modifications at any time without incurring the obligation to make such changes, improvements and modifications on any equipment sold previously.

Abbreviations

ACT	Actual
ASSY	Assembly
BLD	Blade
BRKT	Bracket
CTR	Center
CP	Cup Point
(FF)	Female Female
GR	Grade of Bolt
HD	Heavy Duty
HDWE	Hardware
LH	Left Hand
(MF)	Male Female
MF	Main Frame
MTG	Mounting
NC	National Course Thread
NF	National Fine Thread
NPT	National Pipe Thread
RH	Right Hand
SS	Screw Stop
SST	Stainless Steel
TA	Tandem
TBP	Top Bypass
W/	With
W/O	Without

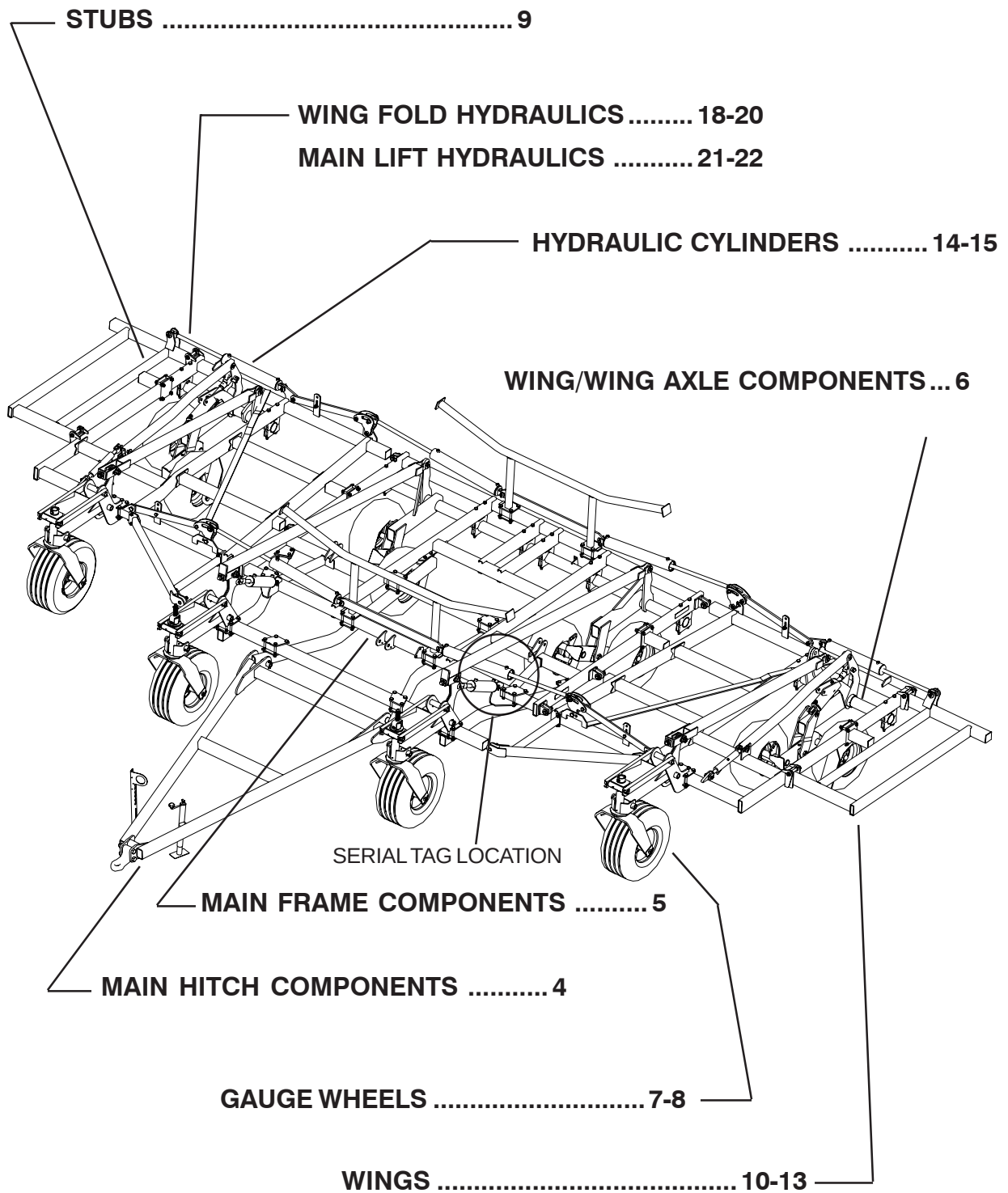
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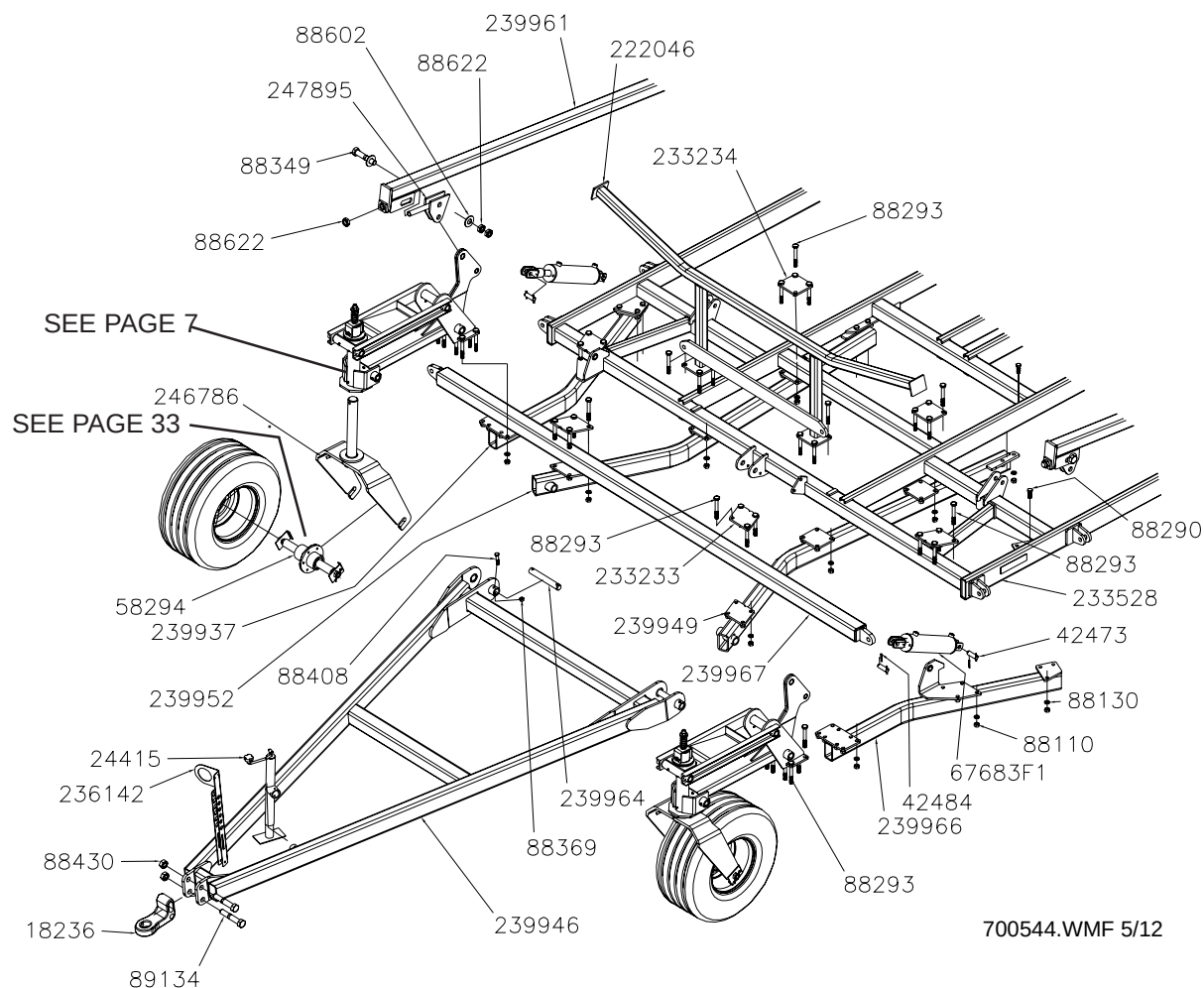
Standard Nuts and Lock Washers

88172	1/4NC Nut	88262	1/4 Lock Washer
88103	3/8NC Nut	88362	3/8 Lock Washer
88104	1/2NC Nut	88303	1/2 Lock Washer
88126	5/8NC Nut	88129	5/8 Lock Washer
88110	3/4NC Nut	88130	3/4 Lock Washer
88371	7/8NC Nut	88341	7/8 Lock Washer

Note: Standard nuts and lock washers mat not be called out. Anything other than standard will be called out.

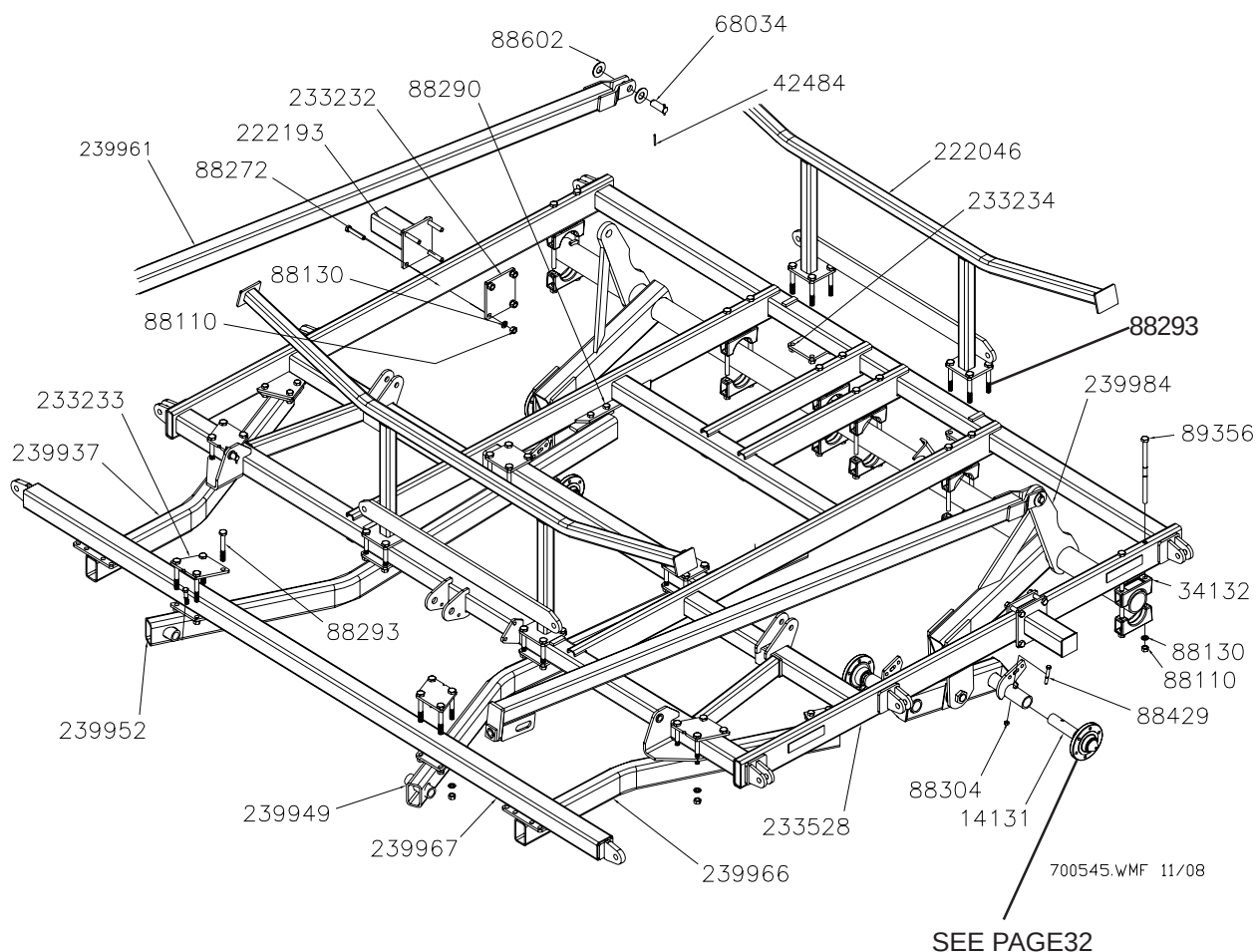


FRONT HITCH/FRAME COMPONENTS



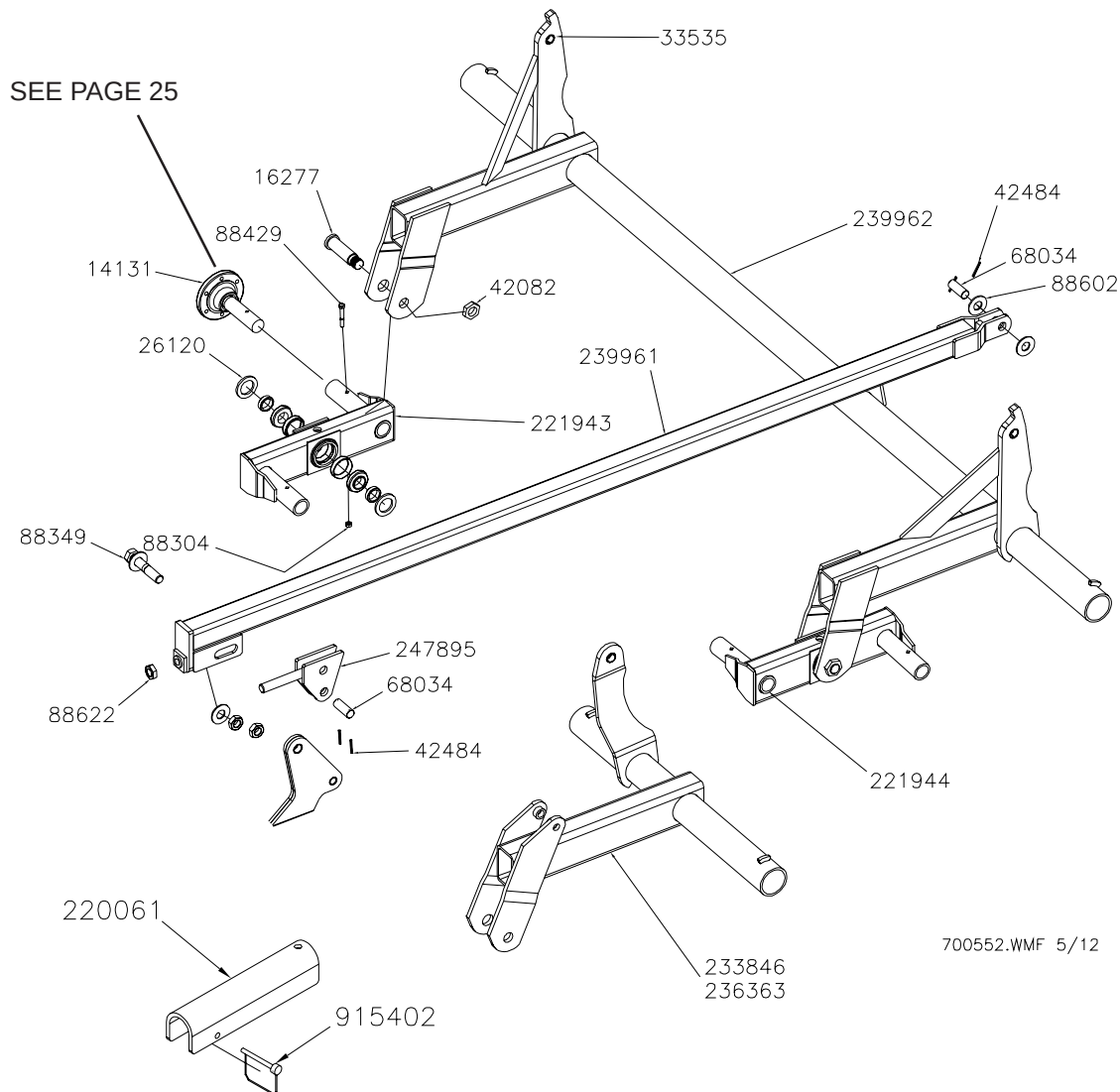
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
18236	CAST DUAL HITCH	24415	JACK
222046	5830 WING REST	42473	HEADLESS PIN (H) (2) 1X2-3/8
233233	MOUNT PLATE PAINTED	42484	1/4 X 2-1/4 ROLL PIN
233234	MOUNT PLATE PAINTED	58294	YOKE HUB ASSEMBLY (22"SPINDLE)
233528	13FT MAIN FRAME-5800 CP	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY24
236142	FORMED CHANNEL-HYD HOSE BRKT	88110	NUT HEX 3/4-10NC 5Z
239937	RIGHT HITCH FRAME TUBE	88130	WSHR HLK 3/4ID(13/16ACT) Z
239946	MAIN HITCH 5850	88290	BLT HEX 3/4-10NCX2 8YZ
239949	RIGHT HITCH TUBE - 5850	88293	BLT HEX 3/4-10NCX6 5Z
239952	LEFT HITCH TUBE - 5850	88349	BLT HEX 1-1/4-7NCX6-1/2 5Z
239961	MAIN FRAME MAST TUBE - LONG	88369	NUT 2POSLK 5/8-11NC 5Z
239964	PIVOT PIN	88408	BLT HEX 5/8-11NCX3 5Z
239966	LEFT HITCH FRAME TUBE	88430	NUT 2POSLK 1-1/4-7NC 5Z
239967	FRONT CROSS TUBE	88602	WSHR FLAT 1-1/4(1-3/8X3ACT) Z
246786	5850 GAGE WHEEL YOKE	88622	NUT JAM 1-1/4-7NC 5Z
247895	ADJUST LINK - HIGH (ZINC)	89134	BLT HEX 1-1/4-7NCX7 5Z

MAIN FRAME COMPONENTS



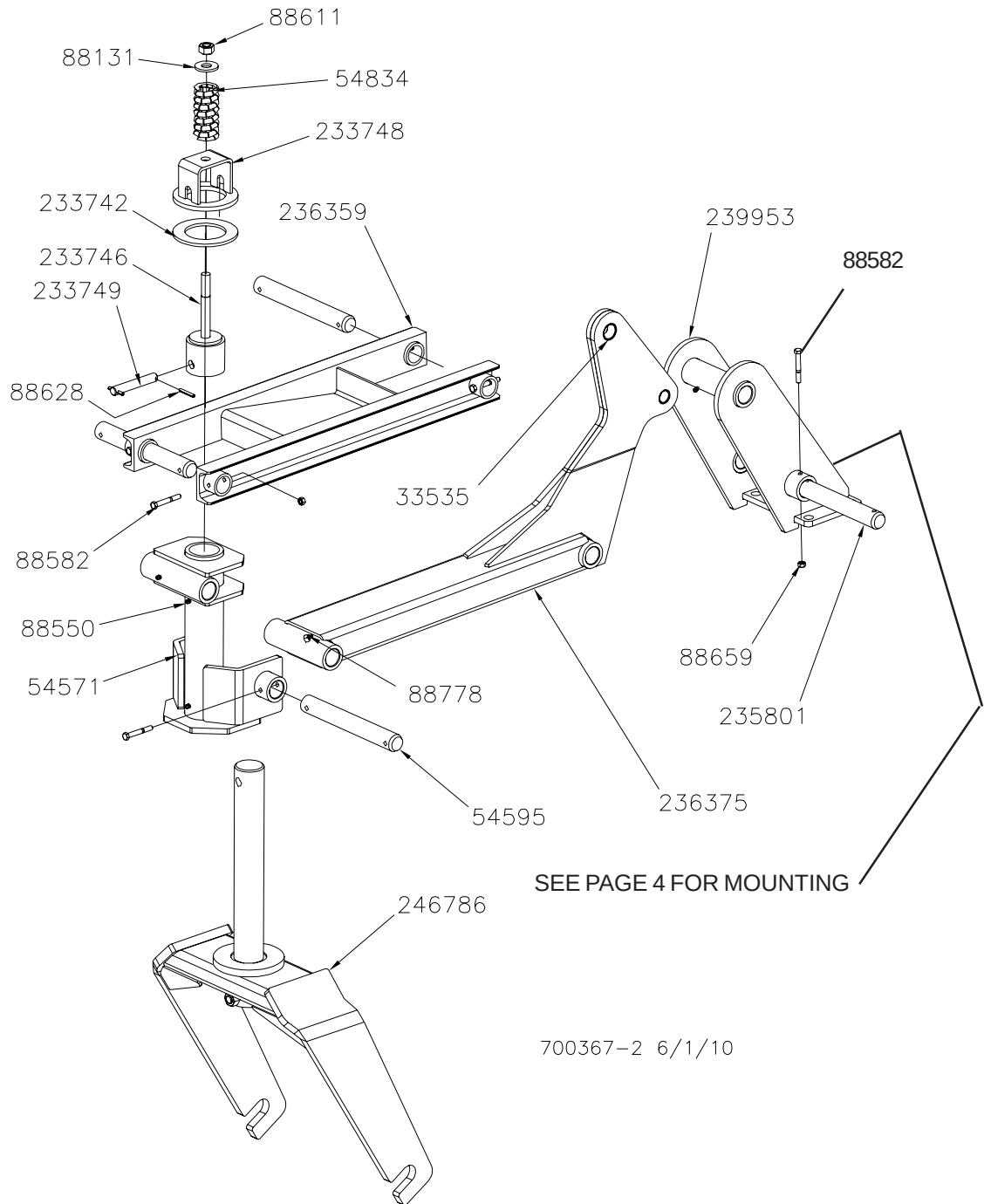
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
14131	2IN HUB & SPINDLE (LG7830015)	239984	MAIN AXLE ASSY 5850
222046	5830 WING REST	34132	AXLE CLAMP ASSEMBLY (RED)
222193	CP SHANK STUB	42484	1/4 X 2-1/4 ROLL PIN
233232	STUB PLATE PAINTED	68034	HEADLESS PIN(2) 1-1/4X3.38
233233	MOUNT PLATE PAINTED	88110	NUT HEX 3/4-10NC 5Z
233234	MOUNT PLATE PAINTED	88130	WSHR HLK 3/4ID(13/16ACT) Z
233528	13FT MAIN FRAME-5800 CP	88272	BLT HEX 3/4-10NCX4 5Z
239937	RIGHT HITCH FRAME TUBE	88290	BLT HEX 3/4-10NCX2 8YZ
239949	RIGHT HITCH TUBE - 5850	88293	BLT HEX 3/4-10NCX6 5Z
239952	LEFT HITCH TUBE - 5850	88304	NUT 2POSLK 1/2-20NF 5P
239961	MAIN FRAME MAST TUBE - LONG	88429	BLT HEX 1/2-20NFX3-1/4 5Z
239966	LEFT HITCH FRAME TUBE	88602	WSHR FLAT 1-1/4(1-3/8X3ACT) Z
239967	FRONT CROSS TUBE	89356	BLT HEX 3/4-10NC X 14 5Z

MAIN/WING LIFT AXLE COMPONENTS



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
12103	BEARING CONE 1-3/4ID (25580)	247895	ADJUST LINK - HIGH (ZINC)
12104	BEARING CUP 3.265OD (25520)	26120	SEAL
14131	2IN HUB & SPINDLE (LG7830015)	33535	SPRING TENSION BUSHING (1-1/4")
16277	TANDEM SHAFT	42082	1-1/2NF HYDRA JAM LOCK NUT
16278	BEARING BUSHING	42484	1/4 X 2-1/4 ROLL PIN
220061	1-1/2" CHNL LOCK 10" (BLK)	68034	HEADLESS PIN(2) 1-1/4X3.38
221943	RIGHT 3X20 WALKING TANDEM	88304	NUT 2POSLK 1/2-20NF 5P
221944	LEFT 3X20 WALKING TANDEM	88349	BLT HEX 1-1/4-7NCX6-1/2 5Z
233846	WING AXLE - RIGHT INNER	88429	BLT HEX 1/2-20NFX3-1/4 5Z
236363	WING AXLE - LEFT INNER	88602	WSHR FLAT 1-1/4(1-3/8X3ACT) Z
239961	MAIN FRAME MAST TUBE - LONG	88622	NUT JAM 1-1/4-7NC 5Z
239962	MAIN AXLE 5850	915402	5/16 X 2-3/4 LYNCH PIN

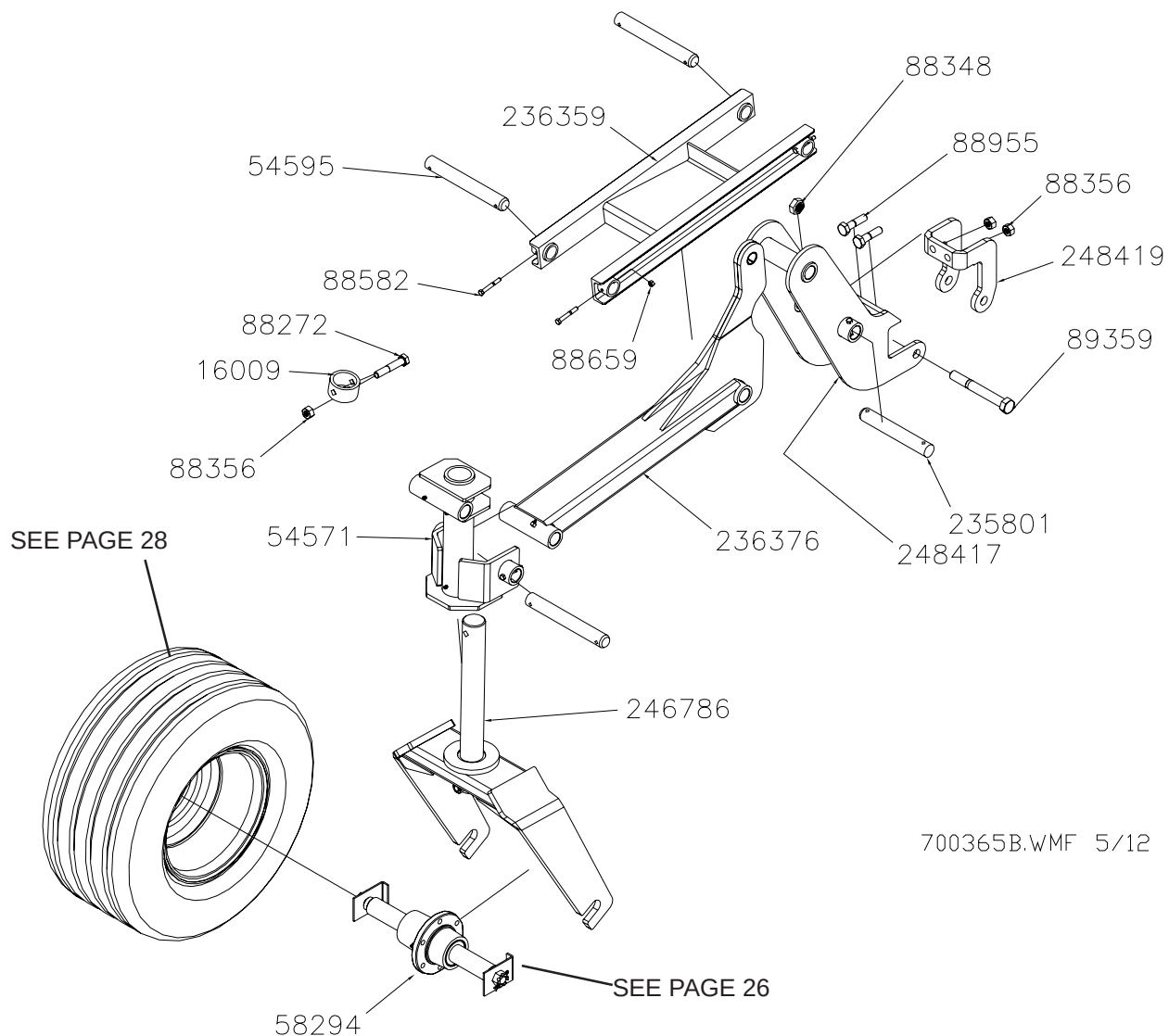
MAIN FRONT LIFT AXLE COMPONENTS



700367-2 6/1/10

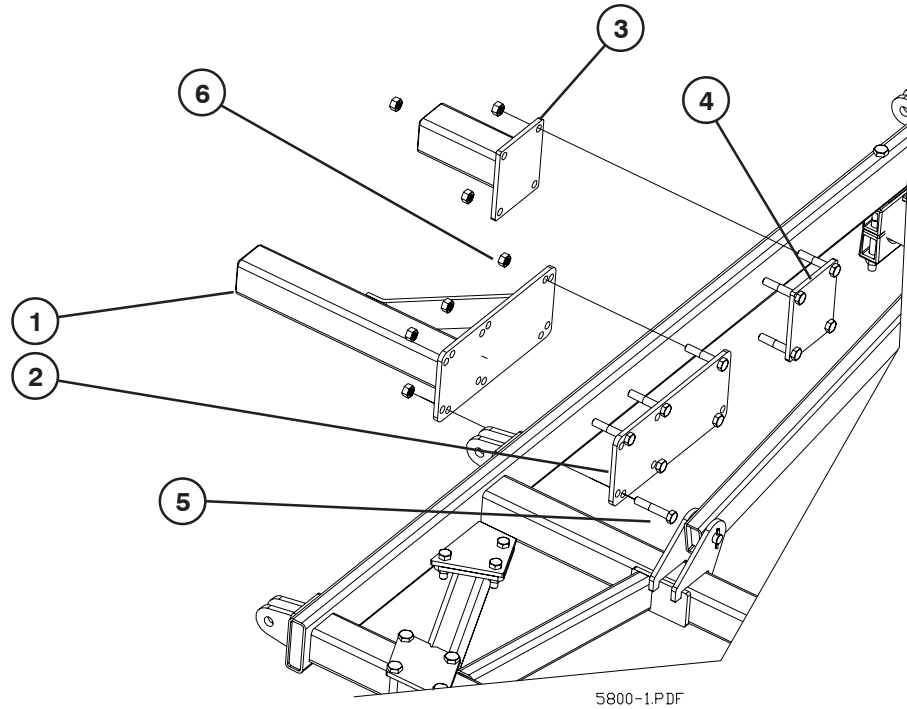
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
233742	DAMPER BRAKE PAD	54571	GAUGE WHEEL PIVOT
233746	DAMPER CAP	54595	HEADLESS PIN(2) 1-1/2X9-19/32
233748	TOP DAMPER BRACKET	54834	RED 4-1/2" COMPRESSION SPRING
233749	PIN (ZINC)	88131	WSHR FLAT 3/4(13/16X2ACT) Z
235801	PIVOT PIN (1-1/2 X 10)	88550	FTG GRS 1/4-28 3038-B
236359	TOP LINK ARM	88582	BLT HEX 3/8-16NCX2-3/4 5Z
236375	MAIN LOWER GAGE ARM	88611	NUT NLK 3/4-10NC 5Z
239953	CENTER LIFT MAST	88628	PIN ROLL 1/4DIA X1-3/4 Z
236370	5850 GAGE WHEEL YOKE	88659	NUT TOP LK 3/8-16NC 5Z
33535	SPRING TENSION BUSHING (1-1/4")	88778	FTG GRS 1/4-28NF 45DEG 3053-B

WING FRONT LIFT AXLE COMPONENTS



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
16009	COLLAR	88955	BLT HEX 3/4 X 10NC X 3 8YZ
54571	GAUGE WHEEL PIVOT	89359	BLT HEX 1-8NC X 8 8YZ
54595	HEADLESS PIN(2) 1-1/2 X 9-19/32	222087	WHL ASSY 31X13.5 6B 10" 12P GRAY
58294	YOKE HUB ASSEMBLY (22"SPINDLE)	235801	PIVOT PIN (1-1/2 X 10)
88272	BLT HEX 3/4-10NC X 4 5Z	236359	TOP LINK ARM
88348	NUT 2POSLK 1-8NC 5Z	236376	OUTER FRONT MAST ARM
88356	NUT 2POSLK 3/4-10NC 5Z	246786	5850 GAGE WHEEL YOKE
88582	BLT HEX 3/8-16NC X 2-3/4 5Z	248417	FRONT LIFT MAST
88659	NUT TOP LK 3/8-16NC 5Z	248419	LIFT MAST LOCK PLATE

1' & 2' STUB ATTACHEMENTS - FITS 2X5 & 2X6 FRAME TUBES



**233265 2' STUB GRP W/MTG HDW
FITS 2X5 & 2X6 FRAME TUBES**

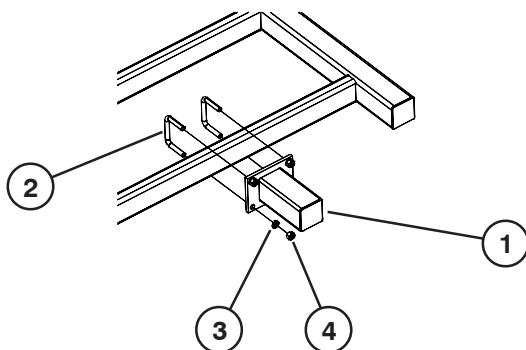
**233267 BOP 1' STUB GRP W/MTG HDW
FITS 2X5 & 2X6 FRAME TUBES**

ITEM	PART NO.	DESCRIPTION
1	233263	2FT CHISEL PLOW STUB (2x5/6)
2	233264	STUB PLATE
3	222193	CP SHANK STUB
4	233232	STUB PLATE PAINTED
5	88272	3/4NCx4 GR5 BOLT
6	88356	NUT 2POS LK 3/4-10NC 5Z

1' STUB ATTACHMENT - FITS 2x4 FRAME TUBES

65123 1' STUB GRP L/MTG HDWE (2x4)

**STUB GROUPS CONTAIN PAIRS OF STUBS WITH
HARDWARE**

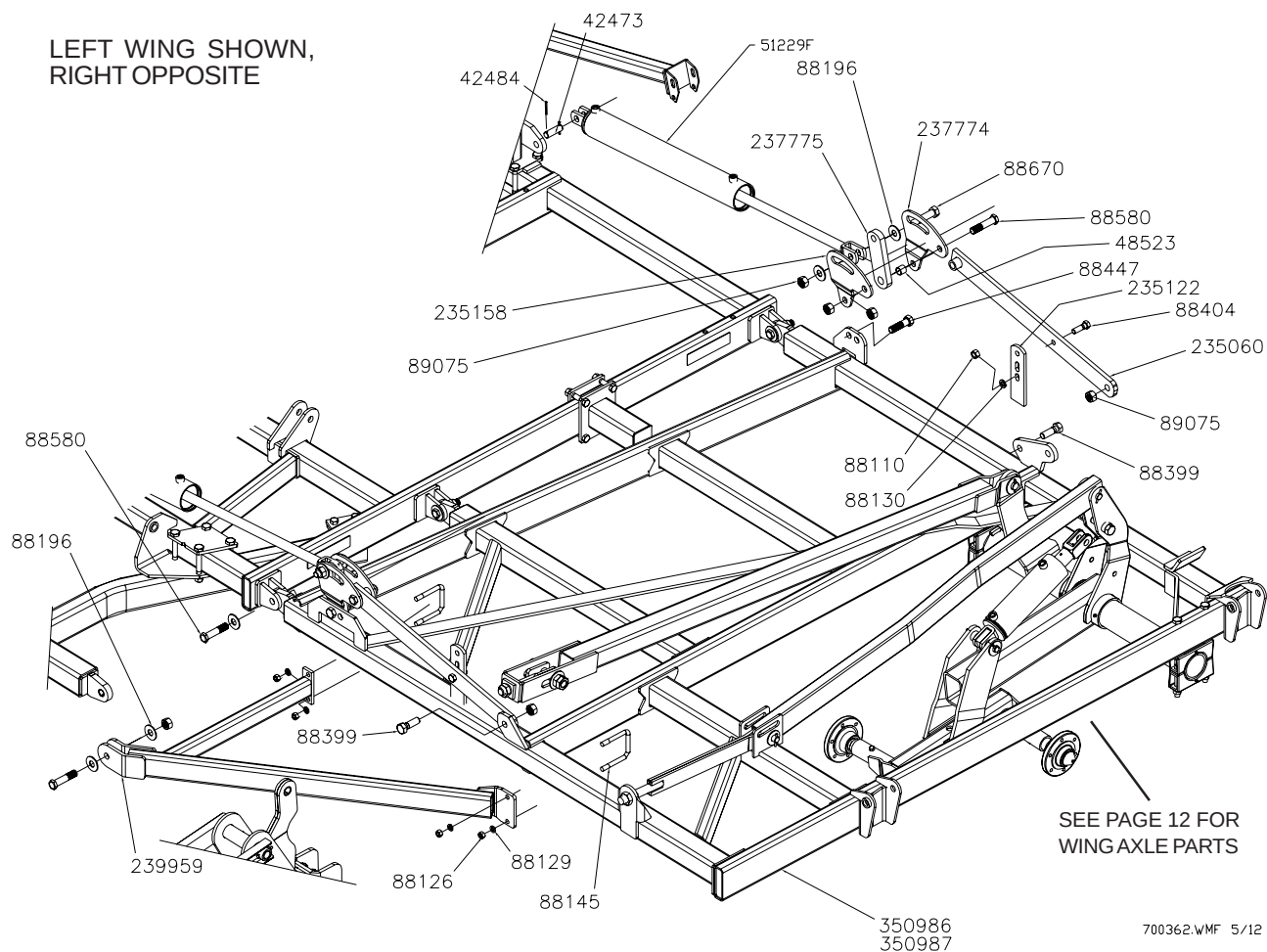


ITEM	PART NO.	DESCRIPTION
1	13963	MAIN FRAME 1FT STUB
2	88388	5/8NCx4x3-1/4 U-BOLT
3	88129	WSHR HLK 5/8ID(11/16ACT)
4	88126	NUT HEX 5/8NC

233279_C.PLT

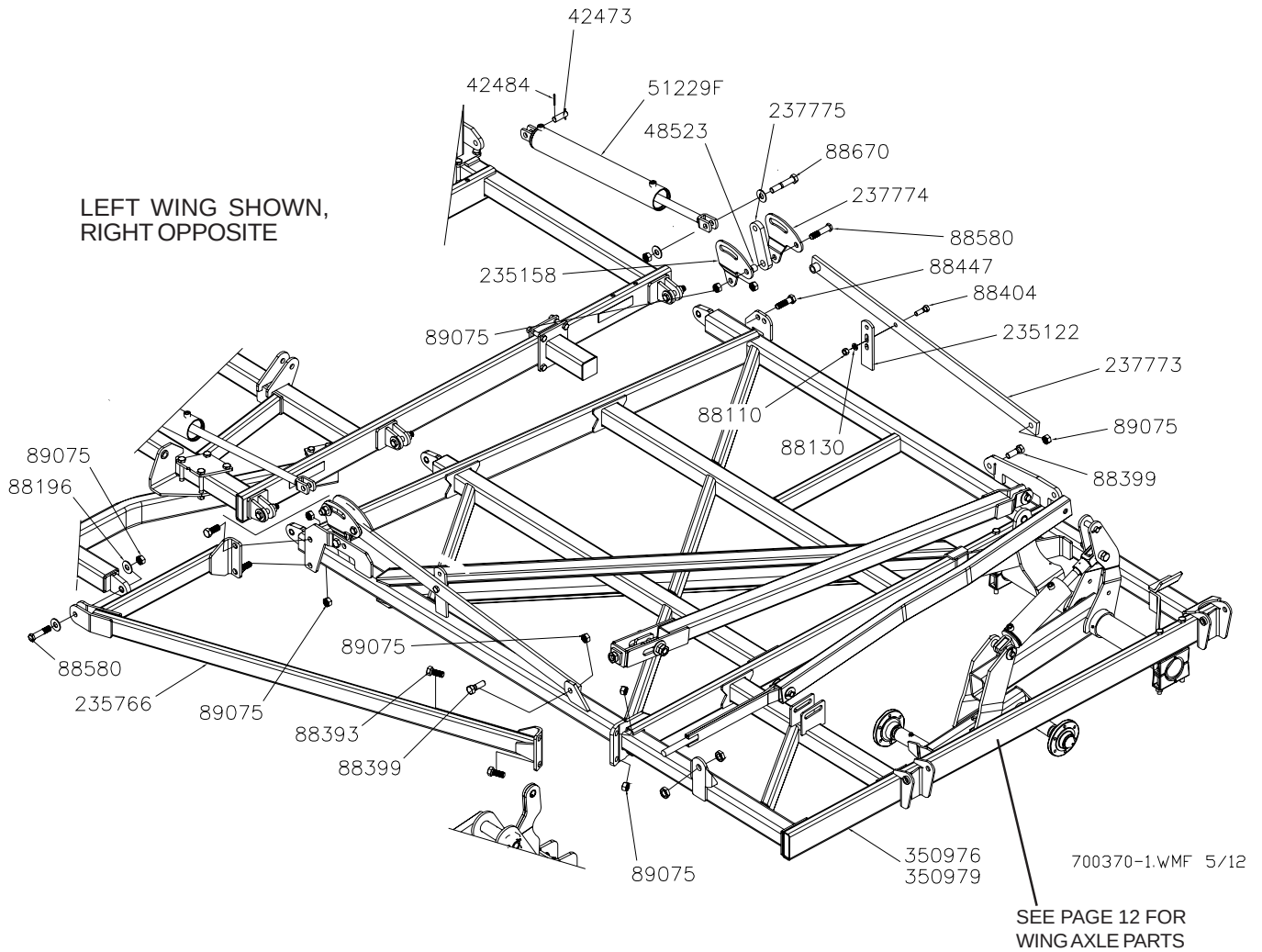
9 FT WING COMPONENTS

LEFT WING SHOWN,
RIGHT OPPOSITE



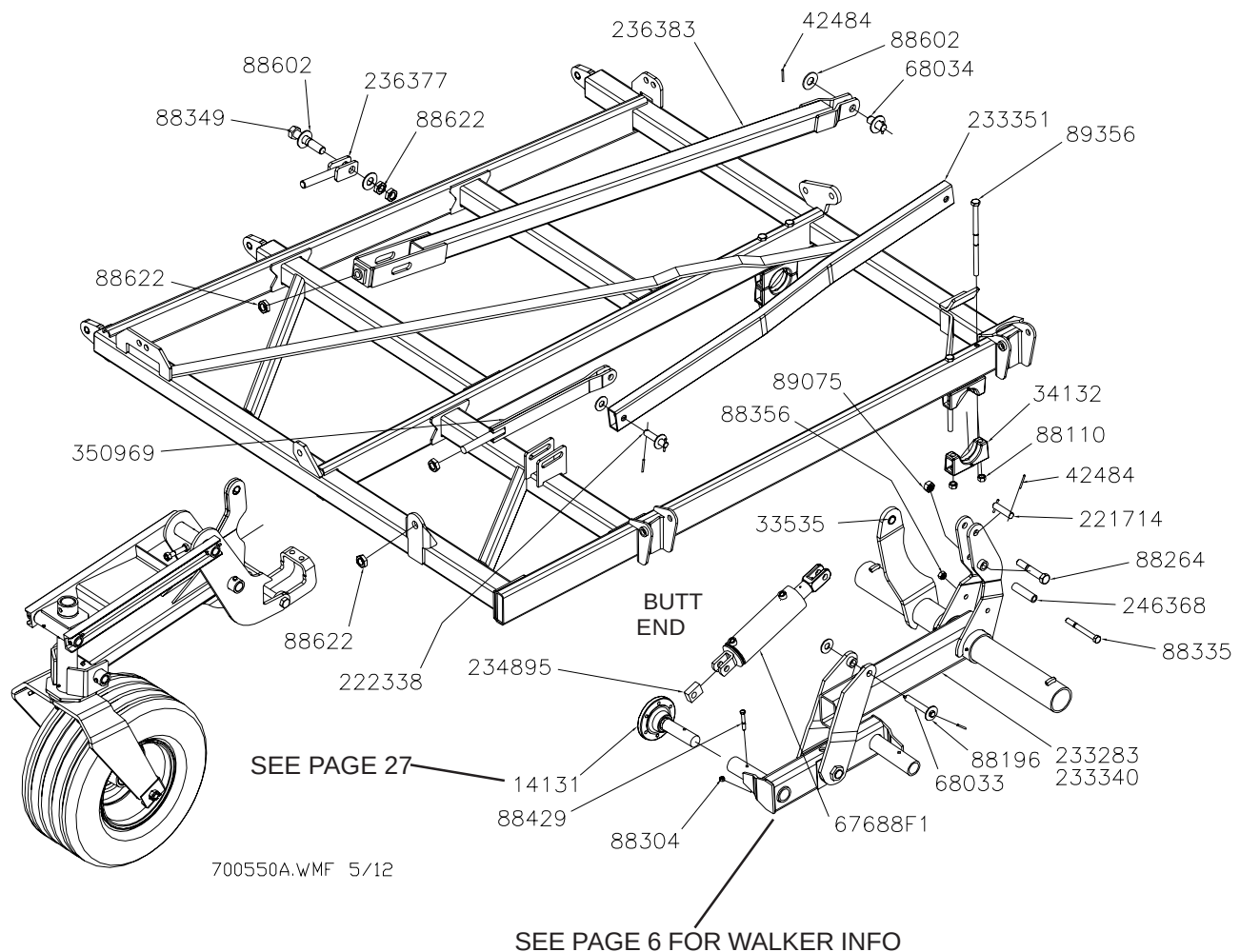
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
42473	HEADLESS PIN (H) (2) 1X2-3/8	88580	BLT HEX 1-8NCX4-1/2 5Z
42484	1/4 X 2-1/4 ROLL PIN	88670	BLT HEX 1-8NCX5-1/2 5Z
48523	WING LIFT BUSHING	89075	NUT NYLON LOCK 1-8NC 5Z
88110	NUT HEX 3/4-10NC 5Z	235060	SHORT WING LIFT STRAP
88126	NUT HEX 5/8-11NC 5Z	235122	WING REST FLAT
88129	WSHR HLK 5/8ID(11/16ACT) Z	235158	LIFT BRACKET - LEFT
88130	WSHR HLK 3/4ID(13/16ACT) Z	237774	LIFT BRACKET - RIGHT
88145	BLT-U 5/8-11NCX4X5-1/4 Z	237775	CP LIFT LINK
88196	WSHR FLAT 1(1-1/16X2-1/2ACT)	239959	9FT WING BRACE 5850
88399	BLT HEX 1-8NCX3 5Z	350986	9FT 5800 CP WING-LEFT-2012
88404	BLT HEX 3/4-10NCX2-1/2 5Z	350987	9FT 5800 CP WING-RIGHT-2012
88447	BLT HEX 1-8NCX3-1/2 5Z	51229F	CYL HYD 4X30 FGS #A519CY02

12FT WING COMPONENTS



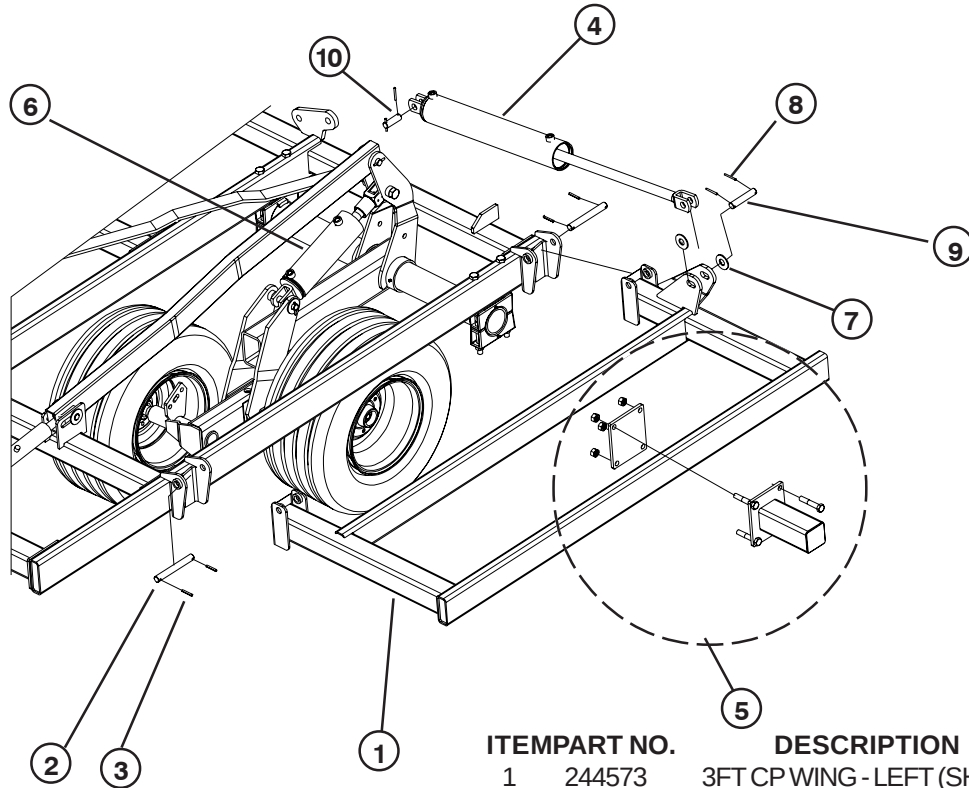
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
42473	HEADLESS PIN (H) (2) 1X2-3/8	88670	BLT HEX 1-8NCX5-1/2 5Z
42484	1/4 X 2-1/4 ROLL PIN	89075	NUT NYLON LOCK 1-8NC 5Z
48523	WING LIFT BUSHING	235122	WING REST FLAT
88110	NUT HEX 3/4-10NC 5Z	235158	LIFT BRACKET - LEFT
88130	WSHR HLK 3/4ID(13/16ACT) Z	235766	5800 CP 4TH HINGE
88196	WSHR FLAT 1(1-1/16X2-1/2ACT) Z	237773	LONG WING LIFT STRAP 5800
88393	BLT HEX 1-8NCX2-1/2 5Z	237774	LIFT BRACKET - RIGHT
88399	BLT HEX 1-8NCX3 5Z	237775	CP LIFT LINK
88404	BLT HEX 3/4-10NCX2-1/2 5Z	350976	12FT 5800 CP WING-LEFT-2012
88447	BLT HEX 1-8NCX3-1/2 5Z	350979	12FT 5800 CP WING-RIGHT-2012
88580	BLT HEX 1-8NCX4-1/2 5Z	51229F	CYL HYD 4X30 FGS #A519CY02

WING AXLE COMPONENTS



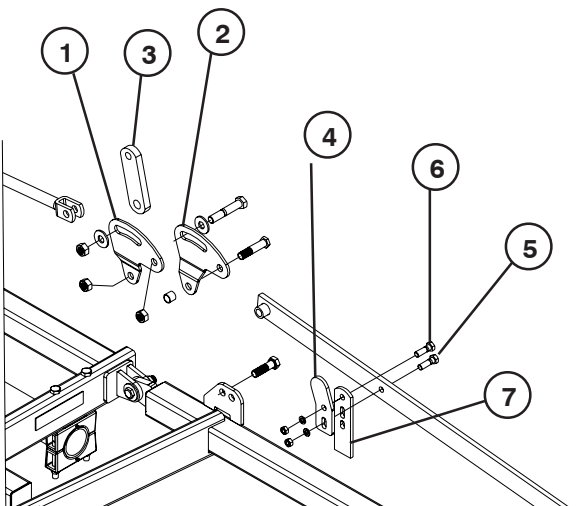
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
14131	2IN HUB & SPINDLE (LG7830026) BLK	88602	WSHR FLAT 1-1/4(1-3/8 X 3ACT) Z
34132	AXLE CLAMP ASSEMBLY (RED)	88622	NUT JAM 1-1/4-7NC 5Z
42484	PIN ROLL 1/4 X 2-1/4 Z	89075	NUT NLK 1-8NC 5Z
68033	HEADLESS PIN(2) 1X6.38	89356	BLT HEX 3/4-10NC X 14 5Z
68034	HEADLESS PIN(2) 1-1/4X3.38	221714	HEADLESS PIN(2) 1X4.00
88110	NUT HEX 3/4-10NC 5Z	222338	HEADLESS PIN(2) 1X4-1/8
88130	WSHR HLK 3/4ID(13/16ACT) Z	233283	LEFT INNER WING AXLE ASSY - 5850
88196	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z	233340	RIGHT OUTER WING AXLE ASSY - 5850
88264	BLT HEX 1-8NC X 6 5Z	233351	WING MAST TUBE 5800
88272	BLT HEX 3/4-10NC X 4 5Z	234895	CYLINDER END PLATE
88304	NUT 2POSLK 1/2-20NF 5Z	236377	ADJUST LINK
88335	BLT HEX 3/4-10NC X 7 5Z	236383	WING ADJUST TUBE 5SEC / 5850
88349	BLT HEX 1-1/4-7NC X 6-1/2 5Z	246368	BUSHING (ZINC)
88356	NUT 2POSLK 3/4-10NC 5Z	350969	WING ADJUST STRAP
88429	BLT HEX 1/2-20NF X 3-1/4 5Z	67388F1	HYD CYL 4X10.8 TBP ILP FGS #A519CY25
88447	BLT HEX 1-8NC X 3-1/2 5Z		

3' OUTER WING



ITEM	PART NO.	DESCRIPTION
1	244573	3FT CP WING - LEFT (SHOWN)
	244566	3FT CP WING - RIGHT
2	14408	HEADLESS PIN 1x6-13/16
3	88432	PIN ROLL 5/16 DIA x 2
4	51241F	HYD CYL 3x24 (SEE PAGE 23)
5	233267	1' STUB GRP W/MTG HDW
6	67688F1	4x10.8 HYD CYL (SEE PAGE 25)
7	88196	WSHR FLAT 1(1-1/16X2-1/2ACT) Z
8	42484	1/4 X 2-1/4 ROLL PIN
9	221344	HEADLESS PIN 1X5.12
10	42473	HEADLESS PIN 1X2-3/8

NOTE: DETAILS TO ITEM 5 (233267) SHOWN ON PAGE 10.

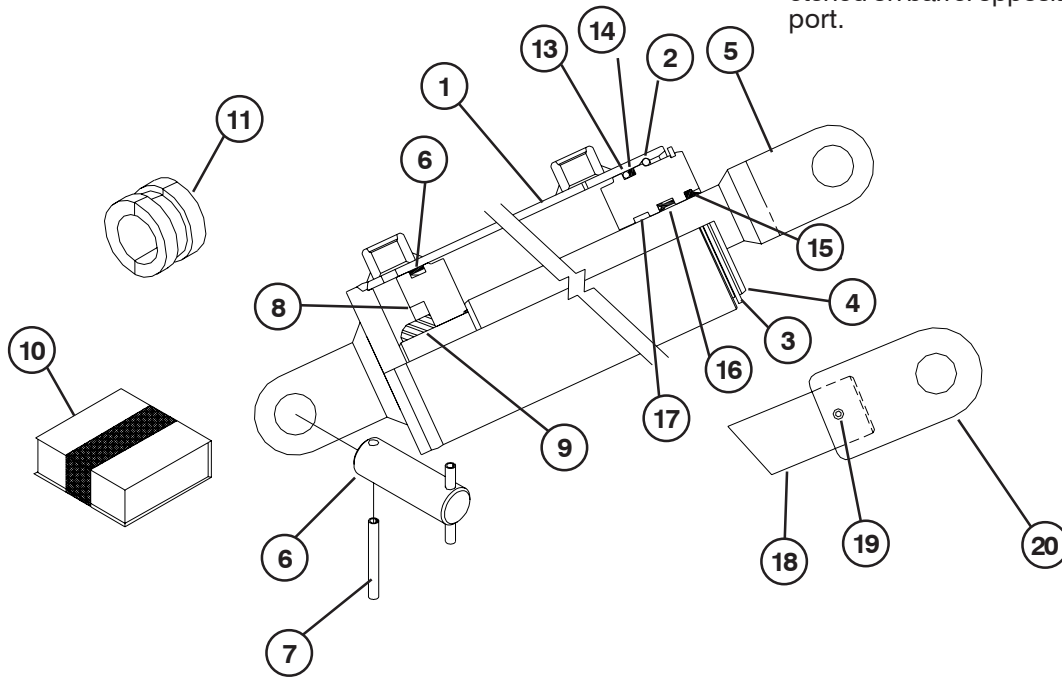


ITEMS 1-5 ARE REQUIRED FOR 3FT WINGS WHEN USED WITH 12FT INNER WINGS. PARTS ARE INCLUDED WITH THE 3FT ADD-ON KITS FOR 12FT INNER WINGS.

ITEM	PART NO.	DESCRIPTION
1	240586	LIFT BRACKET - LEFT
2	240585	LIFT BRACKET - RIGHT
3	48522	WING LIFT LINK
4	240583	RESTRICTED FOLD LINK
5	88841	BLT HEX 3/4-10NCX2-3/4 5Z
6	88404	BLT HEX 3/4-10NCX2-1/2 5Z
7	235122	WING REST FLAT

WING FOLD CYLINDERS

Vendor/WIL-RICH P/N Info is laser etched on barrel opposite the base port.



ITEMS NOTED AS "NS" ARE NOT AVAILABLE, CHECK WITH WIL-RICH SERVICE PARTS FOR OTHER PART AVAILABILITY.

COLUMN	WIL-RICH PART NO.	SIZE	ROD DIA.	PIN DIA.
A	51242F	3 x 30	1-1/2"	1"
B	51235F	3.5 x 24	1-1/2"	1"
C	51226F	4 x 24	1-1/2"	1"
D	51229F	4 x 30	1-1/2"	1"
E	12062F	5 x 24	2"	1"
F	20966F	5 x 30	2"	1"
G	51241F	3 x 24	1-1/2"	1"

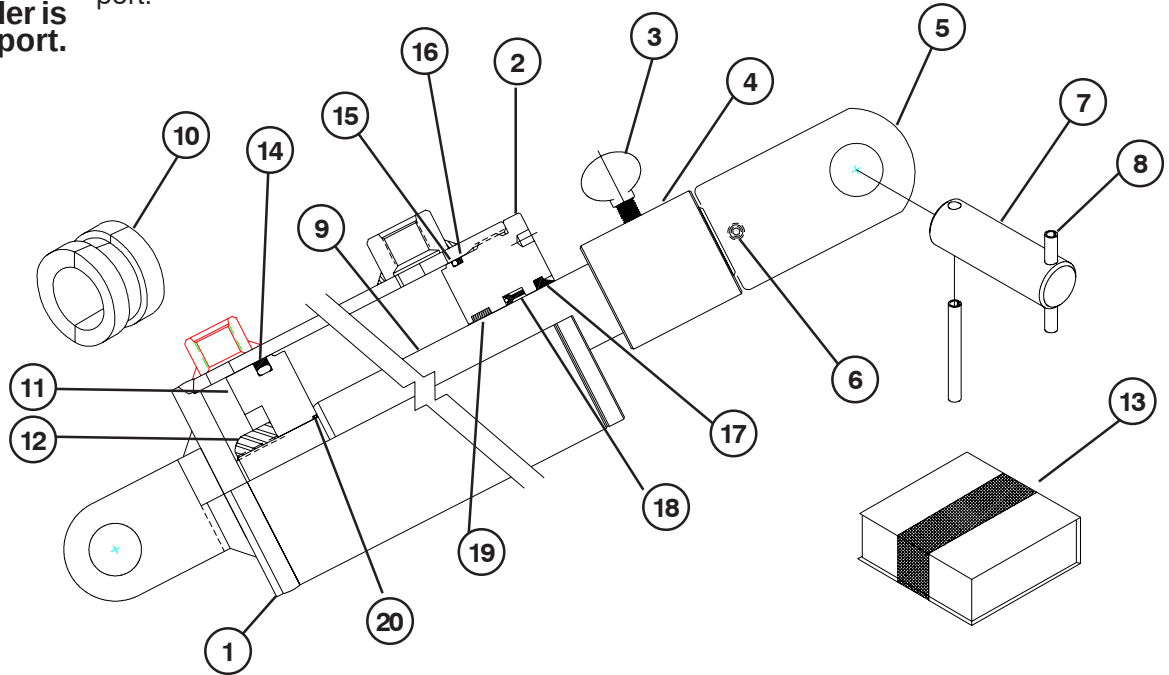
ITEM	DESCRIPTION	REQ.	A	B	C	D	E	F	G
1	Barrel	NS	233709	233812	233818	233716	233817	233723	233803
2	Retainer Ring	1	233711	233814	233718	233718	233724	233724	233711
3	Ext. Snap Ring	1	233712	233816	233720	233720	233727	233727	233712
4	Snap Ring Head	NS	233713	233815	233719	233719	233726	233726	233713
5	Rod	1	233710	233813	233813	233717	233819	233725	
6	Clevis Pin	2	42473	42473	42473	42473	42473	42473	42473
7	Roll Pin 1/4x2-1/4	2	42484	42484	42484	42484	42484	42484	42488
8	Piston	NS	33714	233811	233715	233715	233722	233722	233714
9	Lock Nut	1	233700	233700	233700	233700	233721	233721	233700
10	Seal kit (Includes items 12-17)	1	233729	233810	233730	233730	233731	233731	233729
11	Stop collar	1	15113	15113	15113	15113	15116	15116	15113
12	Piston Seal	1	In seal kit only						
13	Head O-Ring	1	In seal kit only						
14	Head Backup Ring	1	In seal kit only						
15	Rod Wiper	1	In seal kit only						
16	Rod Cup Seal	1	In seal kit only						
17	Wear Ring	1	In seal kit only						
18	Rod (51241F)	1							233804
19	Set Screw (51241F)	1							88706
20	Clevis (51241F)	1							55661

CHECK THE WIL-RICH PART NO. ON THE CYLINDER WHEN ORDERING REQUIRED PARTS

Ask if cylinder is
side or top port.

Vendor/WIL-RICH P/N Info is laser
etched on barrel opposite the base
port.

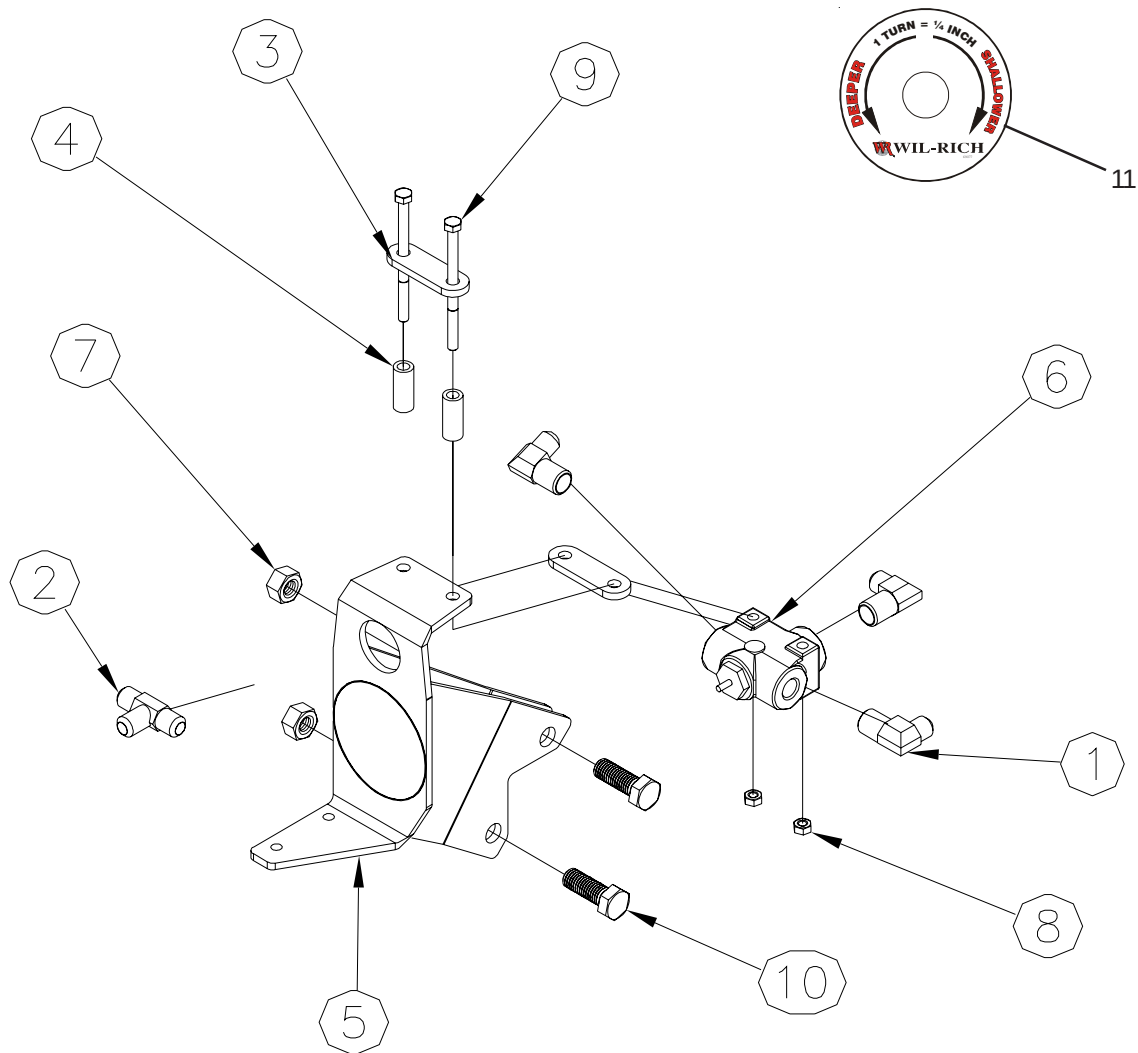
SIDE PORT AND IN LINE PORT (SHOWN) CYLINDERS REQUIRE
THE SAME SERVICEABLE COMPONENTS. ITEMS NOTED AS "NS"
ARE NOT AVAILABLE.



COLUMN	PART #/DESC	SIZE-PORTS	ROD DIA.	PIN DIA.
A	67687F1	4x9.3-SIDE	1-1/2"	1"
B	240433F	4x10.8-SIDE	1-1/2"	1"
C	240432F	4x12.6-SIDE	1-1/2"	1"
A	220761F	4x9.3-IN LINE	1-1/2"	1"
B	67688F1	4x10.8-IN LINE	1-1/2"	1"
C	67683F1	4x12.6-IN LINE	1-1/2"	1"

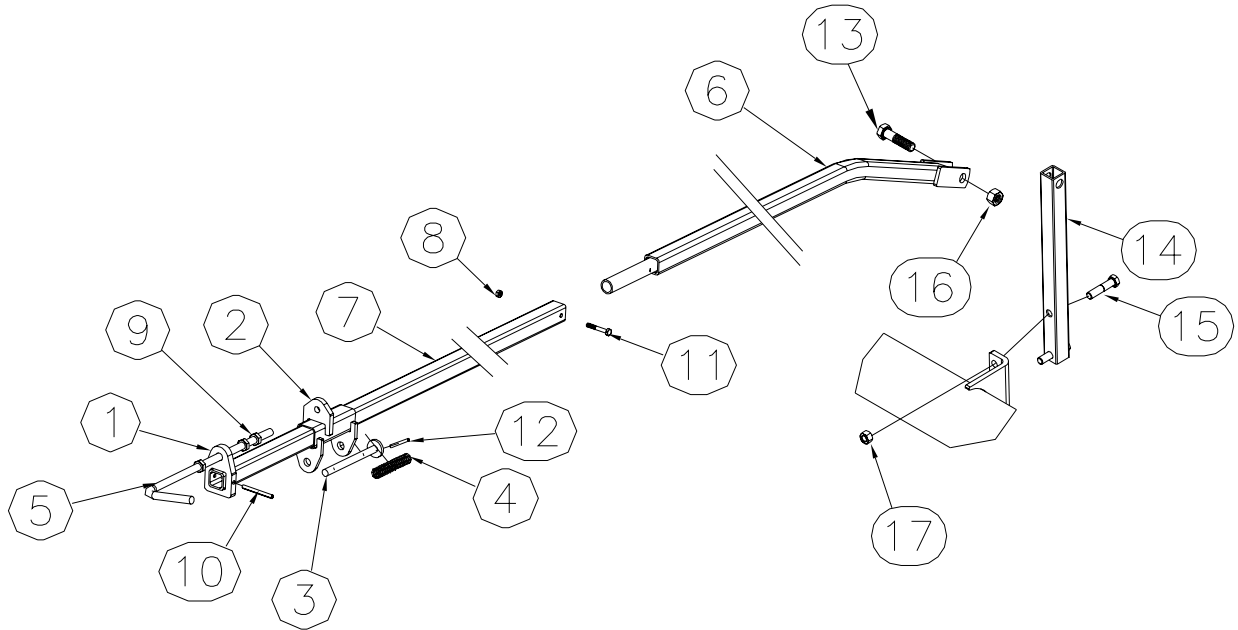
ITEM	DESCRIPTION	REQ.	A	B	C
1	Barrel	NS	239095	239096	239098
2	Internal Head	NS	233704	233704	233704
3	Thumb Screw	1	88387	88387	88387
4	Screw Collar	1	55665	55665	55665
5	Rod End Clevis	1	67657	67657	67657
6	Set Screw	1	88706	88706	88706
7	HDLS Pin 1x2-3/8	2	42473	42473	42473
8	Roll Pin 1/4x3.12	4	42484	42484	42484
9	Cylinder Rod	1	233703	233706	233708
10	Stop Collars	1	15113	15113	15113
11	Piston	NS	239094	239094	239094
12	Rod Nut	1	233700	233700	233700
13	Seal Kit	1	239904	239904	239904
	(INCLUDES ITEMS 14-20)				
14	CHEM-CAST SEAL	1	IN SEAL KIT ONLY		
15	HEAD O-RING	1	IN SEAL KIT ONLY		
16	HEAD BACK-UP RING	1	IN SEAL KIT ONLY		
					220061
					915402
17	ROD WIPER	1	IN SEAL KIT ONLY		
18	LOADED U-CUP	1	IN SEAL KIT ONLY		
19	WEAR RING	1	IN SEAL KIT ONLY		
20	PISTON O-RING	1			

SINGLE POINT VALVE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
1	13236	ELB 8MJ X 8MPT	3
2	13238	TEE 8MJ X 8MJ X 8MJ	1
3	238636	VALVE SPACER (ZINC)	2
4	238637	SPACER TUBE (ZINC)	2
5	238638	SINGLE POINT BRACKET	1
6	51975	DCV ASSEMBLY	1
7	88369	NUT 2POSLK 5/8-11NC 5Z	2
8	88540	NUT 2POSLK 5/16-18NC 5	2
9	88812	BLT HEX 5/16-18NCX4-1/2 2Z	2
10	88838	BLT HEX 5/8-11NCX1-3/4 5Z	2
11	69077	DEPTH ADJUSTMENT DECAL	1

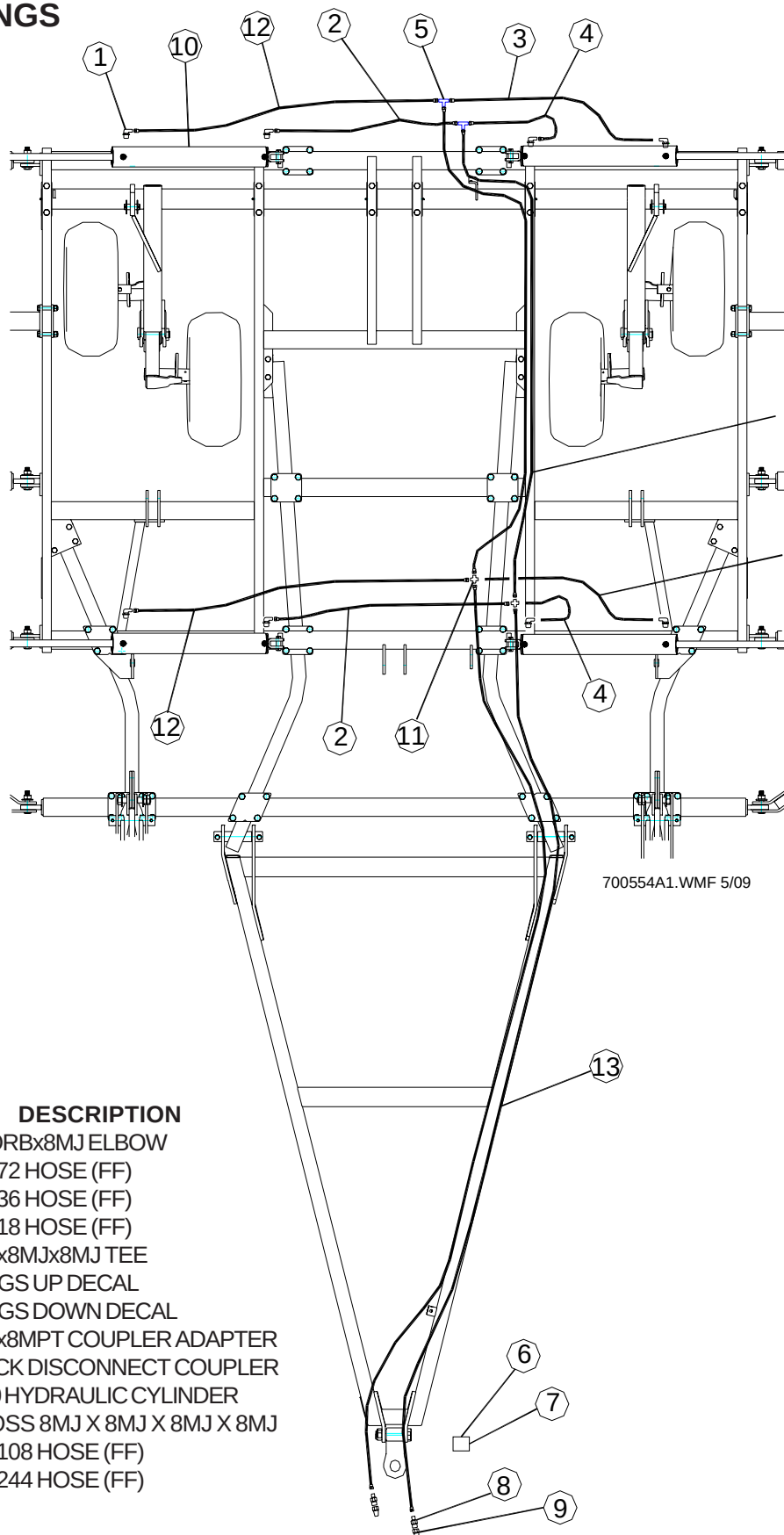
SINGLE POINT TUBE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
1	222107	ADJUST EAR	1
2	222111	SLIDE ADJUST	1
3	222180	SPRING PIN (ZINC)	1
4	23200	SPRING	1
5	238657	ADJUST CRANK - LONG	1
6	243062	CP SINGLE POINT TUBE	1
7	243063	SINGLE POINT TUBE	1
8	88237	NUT 2POSLK 1/4-20NC 5Z	1
9	88561	NUT JAM 1/2-13NC 5Z	3
10	88767	PIN ROLL 1/4DIA X 2-1/2 Z	1
11	88997	BLT HEX 1/4-20NC X 1-3/4 5Z	1
12	89078	PIN ROLL 3/16 X 1-3/4 Z	1
13	88409	BLT HEX 5/8-11NC X 2-1/2 5Z	1
14	239038	SINGLE POINT TUBE	1
15	88825	BLT HEX 1/2-13NC X 2-1/4 5Z	2
16	88369	NUT 2POSLK 5/8-11NC 5Z	1
17	88363	NUT 2POSLK 1/2-13NC 5Z	2

5850 WING FOLD HYDRAULICS

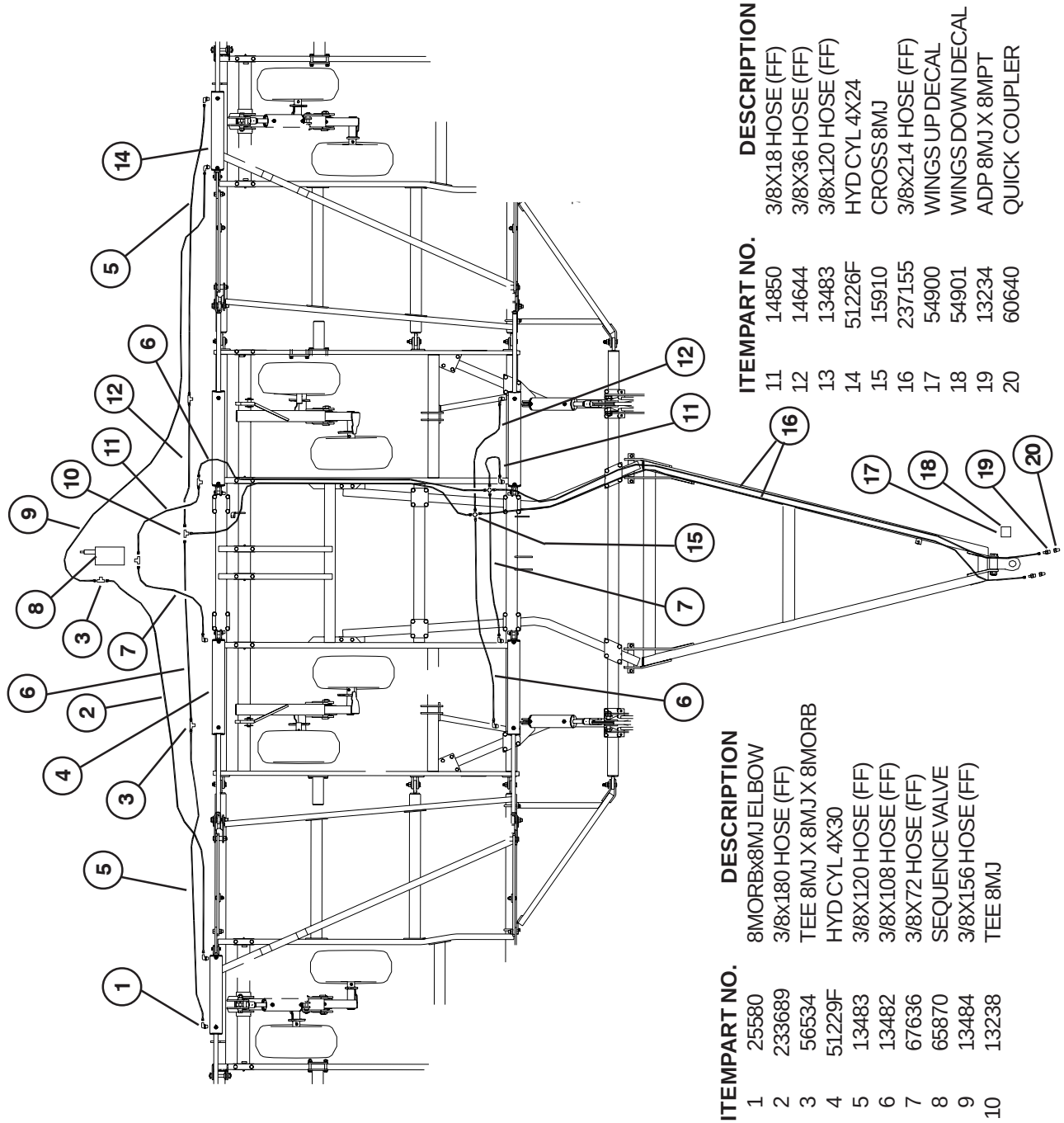
9FT & 12 FT INNER WINGS
NO OUTER WINGS



ITEM	PART NO.	DESCRIPTION
1	25580	8MORBx8MJ ELBOW
2	67636	3/8x72 HOSE (FF)
3	14644	3/8x36 HOSE (FF)
4	14850	3/8x18 HOSE (FF)
5	13238	8MJx8MJx8MJ TEE
6	54900	WINGS UP DECAL
7	54901	WINGS DOWN DECAL
8	13234	8MJx8MPT COUPLER ADAPTER
9	60640	QUICK DISCONNECT COUPLER
10	51229F	4x30 HYDRAULIC CYLINDER
11	15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
12	13482	3/8x108 HOSE (FF)
13	237155	3/8x244 HOSE (FF)

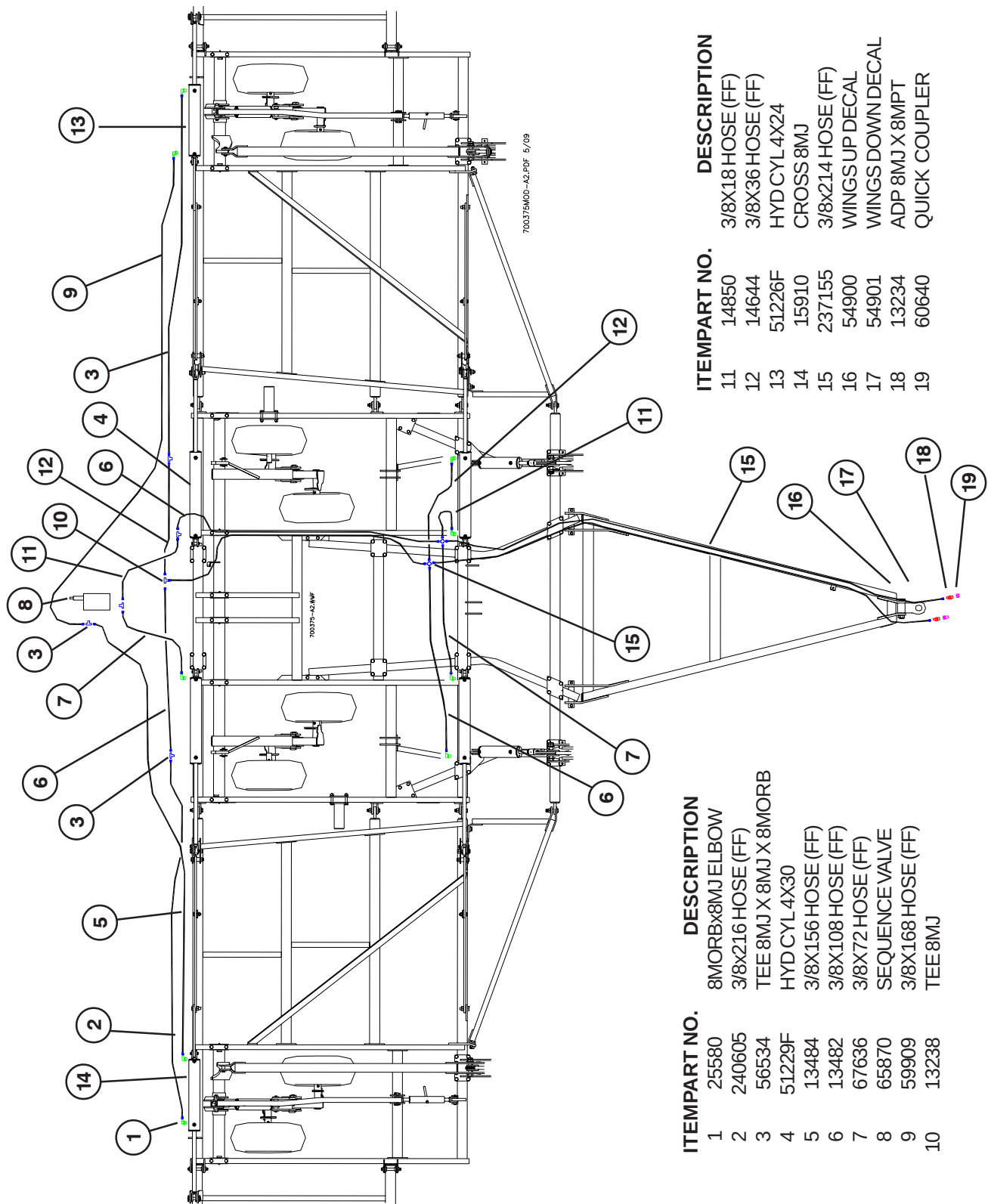
5850 WING FOLD HYDRAULICS

9' INNER WINGS W/3FT OUTER WING

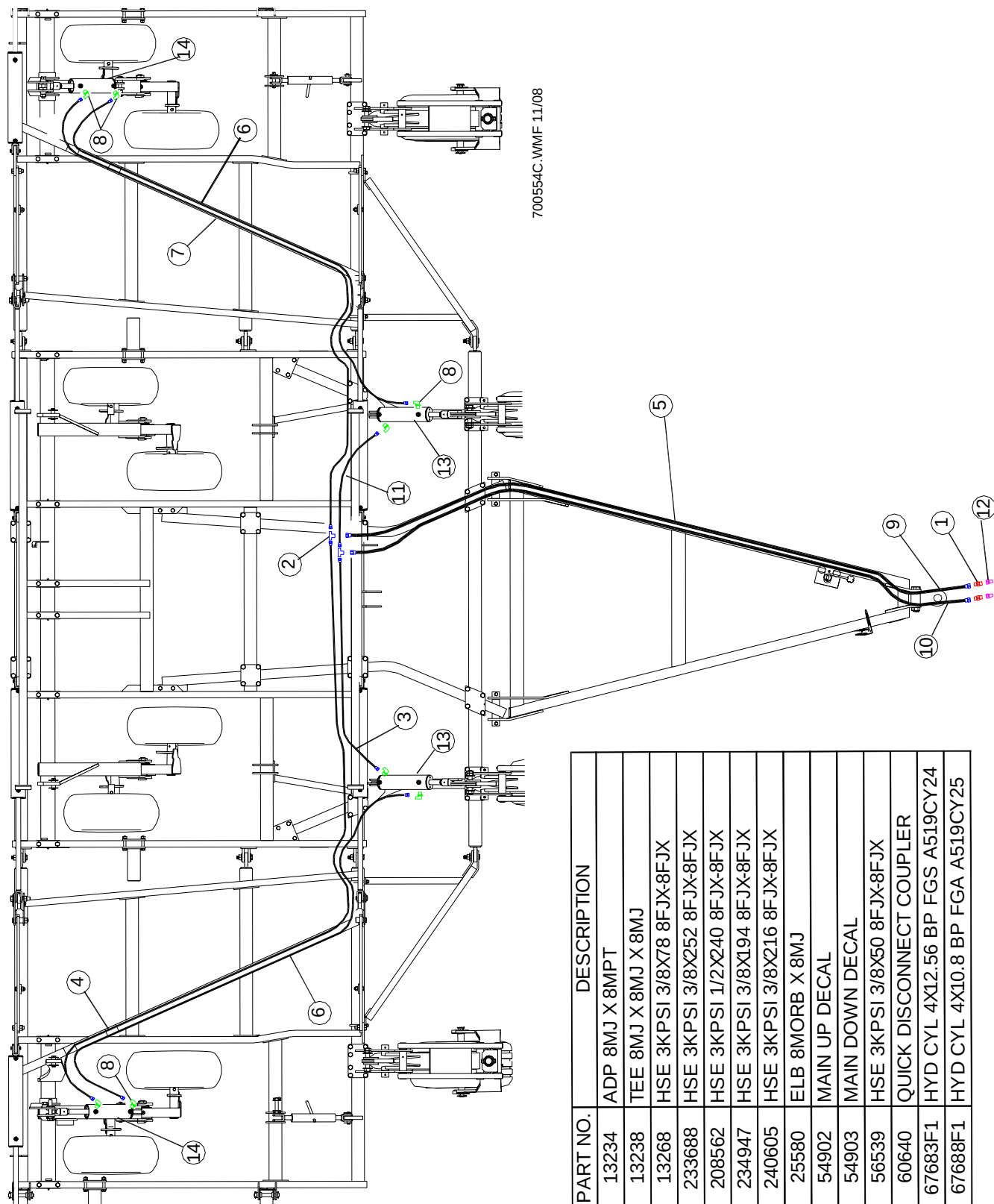


5850 WING FOLD HYDRAULICS

12' INNER WINGS W/3FT OUTER WING

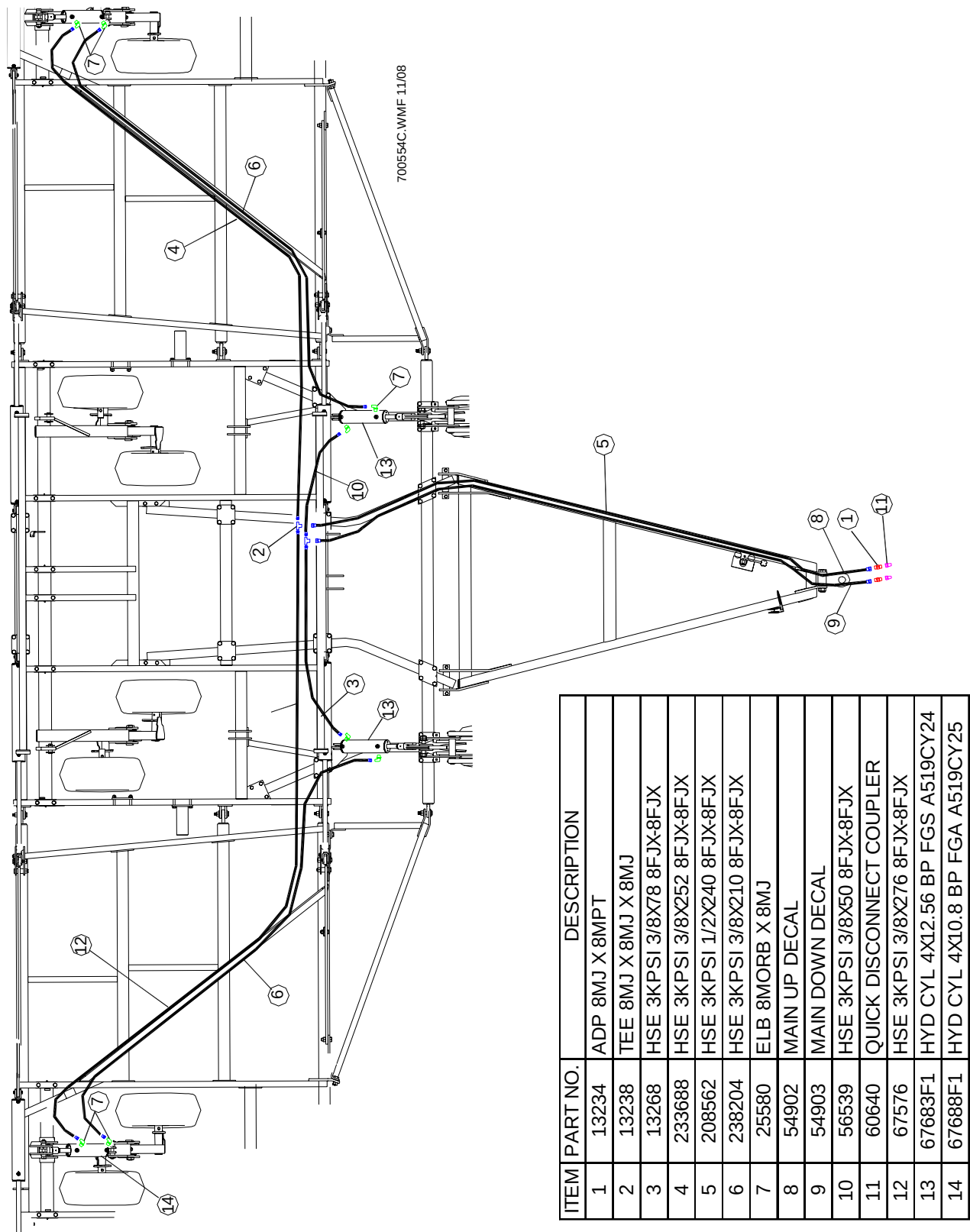


5850 MAIN LIFT HYDRAULICS - 31FT BASE

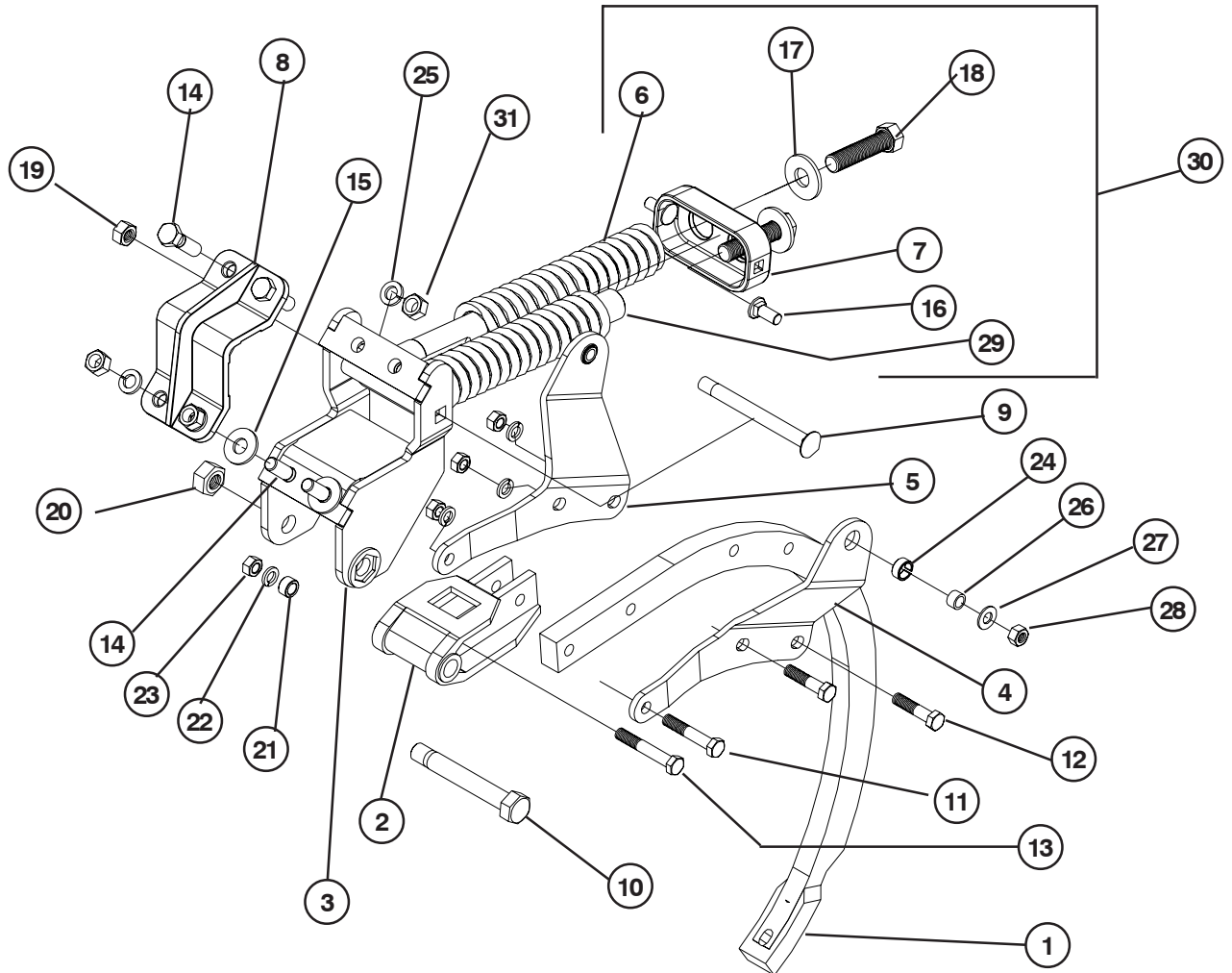


ITEM	PART NO.	DESCRIPTION
1	13234	ADP 8MJ X 8MPT
2	13238	TEE 8MJ X 8MJ X 8MJ
3	13268	HSE 3KPSI 3/8X78 8FJX-8FJX
4	233688	HSE 3KPSI 3/8X252 8FJX-8FJX
5	208562	HSE 3KPSI 1/2X240 8FJX-8FJX
6	234947	HSE 3KPSI 3/8X194 8FJX-8FJX
7	240605	HSE 3KPSI 3/8X216 8FJX-8FJX
8	25580	ELB 8MORB X 8MJ
9	54902	MAIN UP DECAL
10	54903	MAIN DOWN DECAL
11	56539	HSE 3KPSI 3/8X50 8FJX-8FJX
12	60640	QUICK DISCONNECT COUPLER
13	67683F1	HYD CYL 4X12.56 BP FGS A519CY24
14	67688F1	HYD CYL 4X10.8 BP FGA A519CY25

5850 MAIN LIFT HYDRAULICS - 37FT BASE



1000 LB CP SHANK ASSEMBLY - CORNER MOUNT



235244 - COMPLETE SHANK ASSEMBLY

221240.PLT

ITEMPART NO. DESCRIPTION

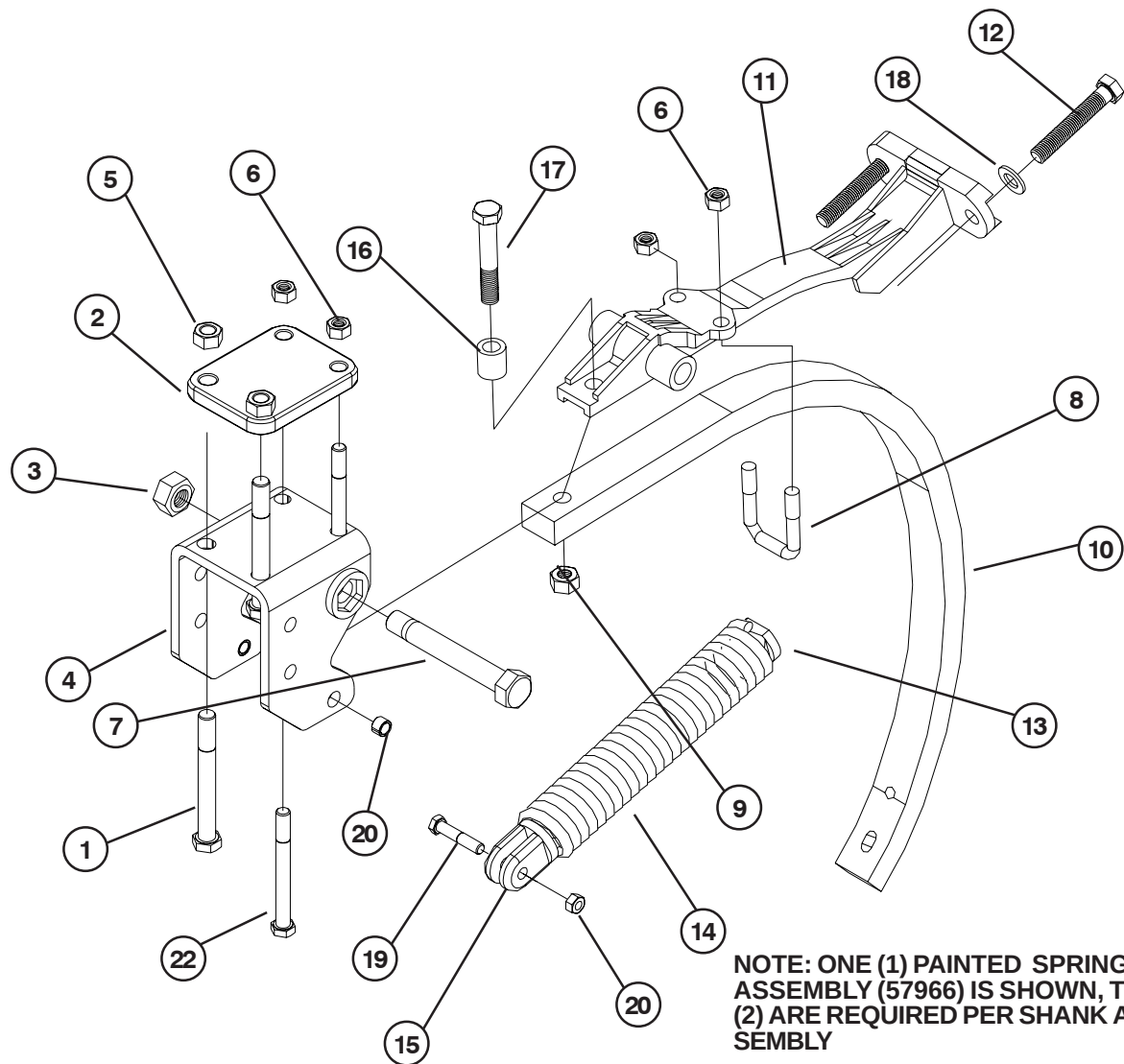
1	64977	SHANK (GRAY)
2	67196	CAST SHANK HOLDER
3	235773	CHISEL PLOW SHANK HOLDER
4	221194	SIDE PLATE LH
5	221195	SIDE PLATE RH
6	23378	COMPRESSION SPRING (GRAY)
7	65373C	SPRING RETAINER
8	235768	CAST CORNER CAP (GRAY)
9	69030	3/4NC-2AGR8 CARRIAGE BOLT
10	14987	PIVOT BOLT (CP SHANK)
11	88945	5/8NCx4 GR GR8 BOLT
12	88949	5/8NCx2-3/4 GR8 BOLT
13	88292	5/8NCx3-1/2 GR5 BOLT
14	89433	3/4NCx2-1/4 GR5 BOLT
15	88131	WSHR FLAT 3/4(13/16X2ACT) Z

ITEMPART NO. DESCRIPTION

16	89154	5/8NCx1-1/2SHTNCK CARRIAGE BOLT
17	88196	WSHR FLAT 1(1-1/16x2-1/2ACT)
18	66226	1NCx4 GR2 HVY HEX BLT W/NYLK
19	88356	NUT 2POS LK 3/4NC
20	88169	NUT 2POS LK 1NF
21	56932	9/16 x 1 SPACER
22	88129	WSHR HLK 5/8ID(11/16ACT)
23	88126	NUT HEX 5/8NC
24	64967	SPRING TENSION BUSHING
25	88130	WSHR HLK 3/4ID(13/16ACT) Z
26	64978	BUSHING
27	88630	WSHR FLT 5/8SAE(21/32X1-5/16)
28	88845	NUT TOP LK 5/8NC
29	222037	SPRING BRACKET
30	223527	COMPRESSION SPRING PACKAGE

COMPARE THE SHANK COMPONENTS TO DEFINE SERVICE PARTS REQUIRED

650 LB CP SHANK ASSEMBLY - CURRENT

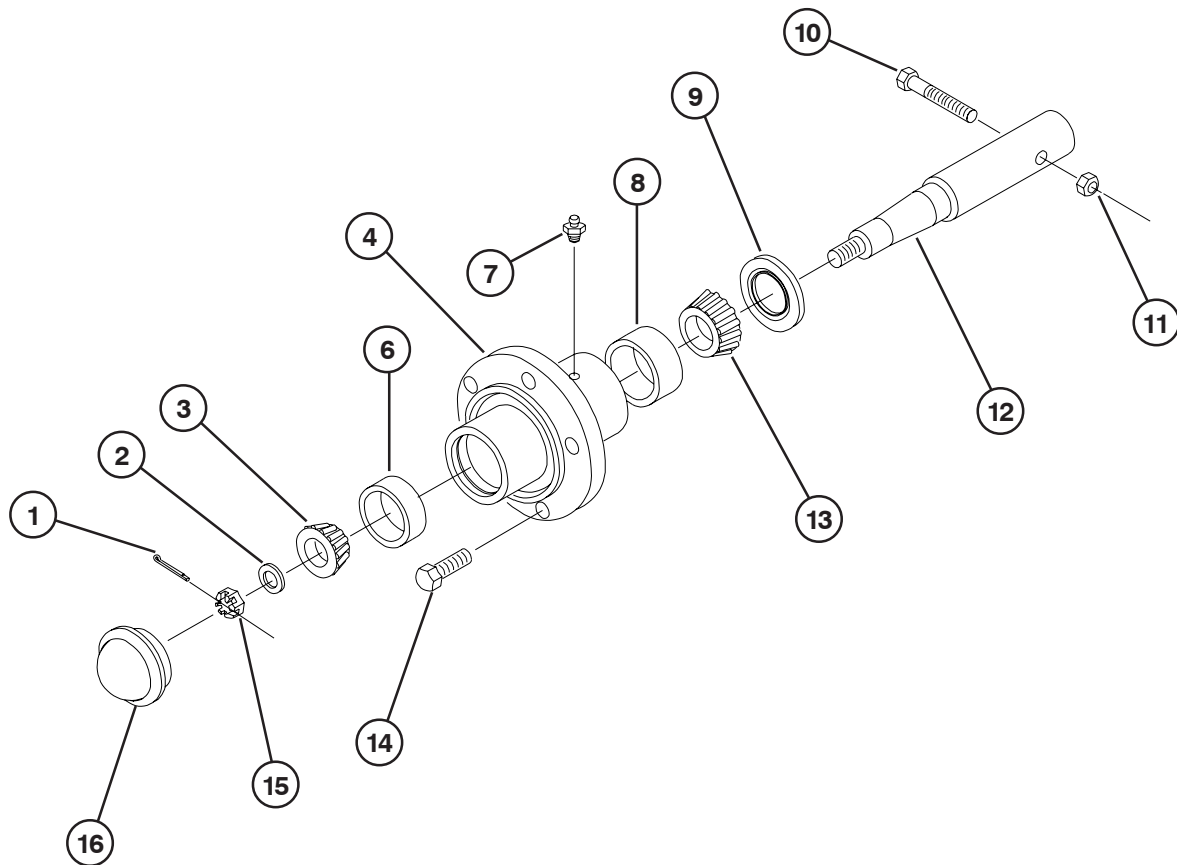


NOTE: ONE (1) PAINTED SPRING ASSEMBLY (57966) IS SHOWN, TWO (2) ARE REQUIRED PER SHANK ASSEMBLY

ITEM	PART NO	DESCRIPTION	ITEM	PART NO	DESCRIPTION
	240422	32" 54 Degree CP Shank Assembly	11	62591	Ductile Pivot Arm
	57966	16.12 Spring Assembly (32") (Includes Items 13-15)	12	10210	Adjustment Bolt
1	89385	BLT HEX 3/4-16NFX6-1/2 8YZ	13	57948	Cast Spring Plug
2	234084	CAST TOP PLATE (GRAY)	14	57961	13-15/16 Extension Spring (32")
3	88169	1NF Lock Nut	15	57946	Spring Clevis
4	240420	SHANK HOLDER FRAME BRACKET	16	62639	Stop Collar
5	89386	NUT NYL 3/4-16NF 8YZ	17	88421	3/4NCx4-1/2 GR5 Bolt
6	88369	NUT 2POSLK 5/8-11NC 5Z	18	88548	3/4 SAE Flat Washer(13/16x1-1/2)
7	14987	Pivot Bolt	19	58032	1/2NCx2-1/2 HDN Bolt
8	88441	5/8NCx2x3-1/4 U-Bolt	20	88621	1/2NC Nylock Nut
9	88356	NUT 2POSLK 3/4-10NC 5Z	21	56908	1/2 Spring Tension Bushing
10	55485	32" 54 Degree CP Shank	22	88933	BLT HEX 5/8-11NCX6 8YZ

240421 - COMPLETE SHANK ASSY W/MOUNTING PLATE & HARDWARE

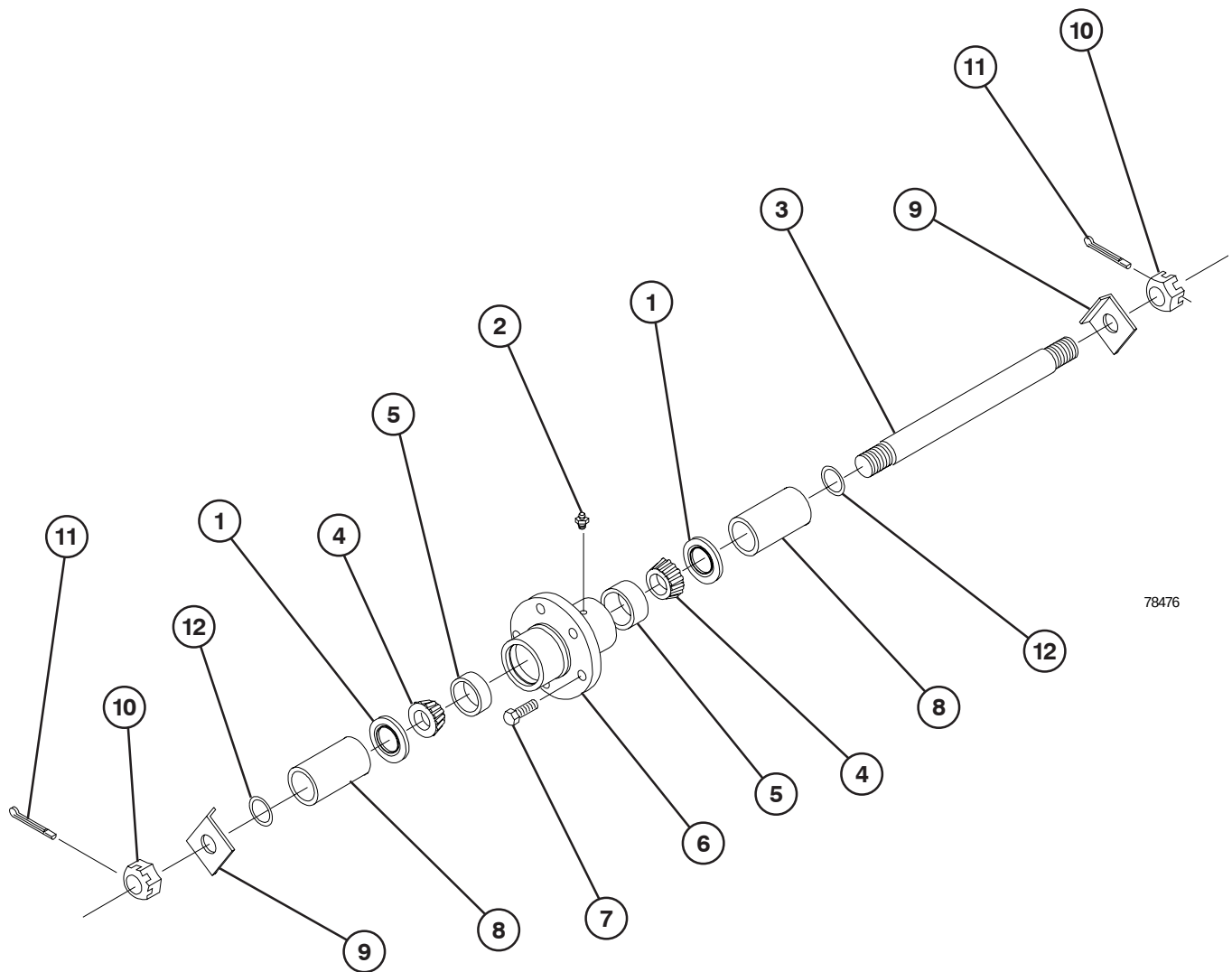
6 BOLT HUB WITH 2" SPINDLE



77836.PLT

ITEM	PART NO.	DESCRIPTION
	14131	6 BOLT HUB & 2" SPINDLE ASSY (INCLUDES 1-4 & 9-16)
1	88301	PIN COT 3/16 DIA x 1-1/2
2	16094	SPINDLE WASHER 7/8 ID
3	10345	BEARING CONE 1-1/4 ID (LM67048)
4	24097	2 IN PRESSED HUB W/ CUPS
6	10344	BEARING CUP 2.328 OD (LM67010)
7	88263	FTG GRS 1/8 NPT 1610-BL (11/16")
8	14249	BEARING CUP 2.891 OD (LM501310)
9	58546	2" TRIPLE LIP SEAL
10	88429	1/2 NF x 3-1/4 GR5 BOLT
11	88304	NUT 2 POSLK 1/2 NF
12	14251	2" AXLE SPINDLE
13	14248	BEARING CONE 1-5/8 ID (LM501349)
14	88142	WHEEL BOLT 1/2 NF x 1 (13/16 HEAD)
15	88340	NUT SLTD 7/8 NF
16	11381	DUST CAP

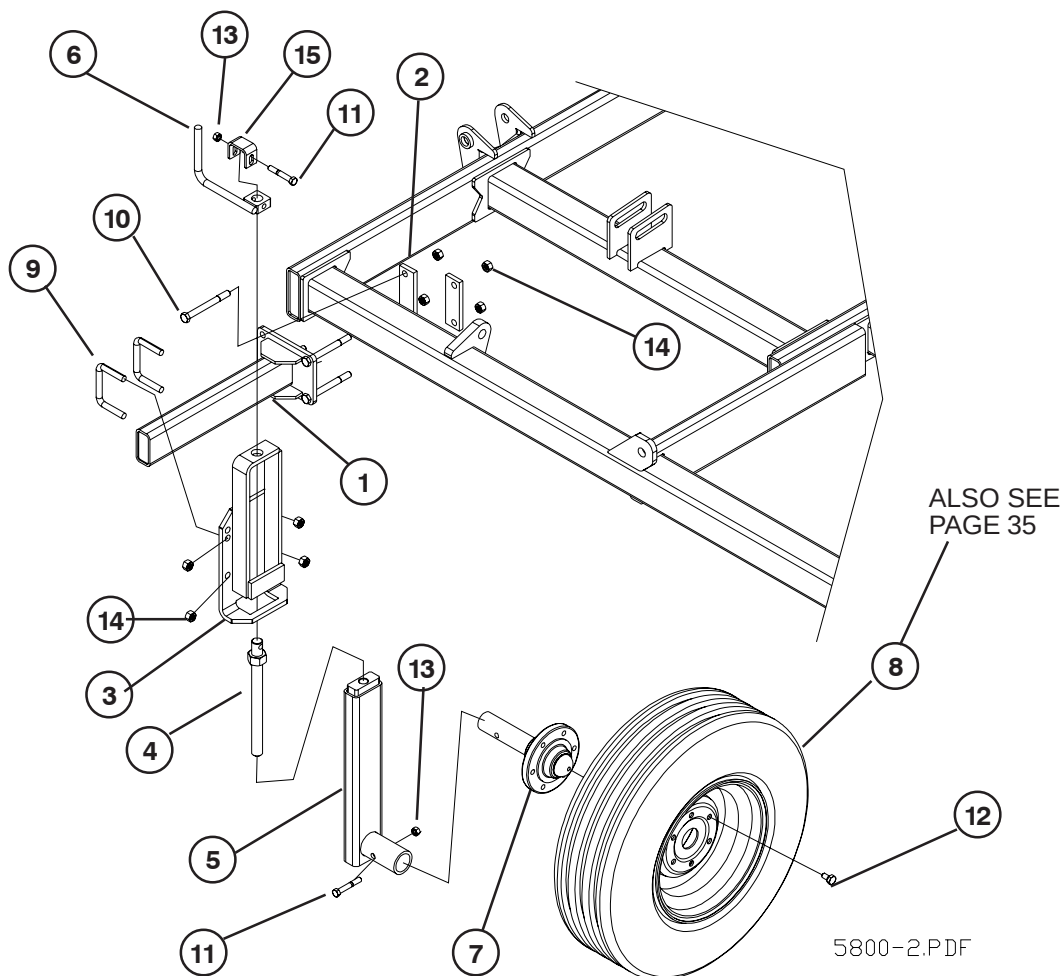
GAUGE WHEEL HUB & SPINDLE



ITEM	PART NO	DESCRIPTION
	55562	YOKE HUB ASSEMBLY (22" SPINDLE)
1	208981	2" INTERNAL TRIPLE LIP SEAL
2	88263	1/8"NPT GREASE FITTING
3	58204	1-1/2" DIAx22" SPINDLE
4	54731	BEARING CONE
5	16082	BEARING CUP
6	62389	6-BOLT HUB W/CUPS (INCLUDES ITEM 5) REPLACE BY 54729

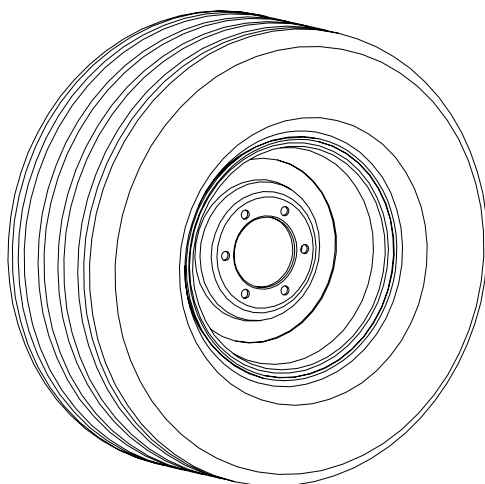
ITEM	PART NO	DESCRIPTION
7	63831	9/16"NFx1-1/8" WHEEL BOLT
8	62400	2"ODx6" SEALED SPINDLE TUBE MUST ORDER ITEM 12 WITH TUBE
9	55150	SPINDLE LOCK
10	88299	1"NF SLOTTED NUT
11	88133	3/16"x2" COTTER PIN
12	12456	SHAFT SEAL O-RING (REQ. W/62400)

FRONT MOUNT RIGID GAUGE WHEEL



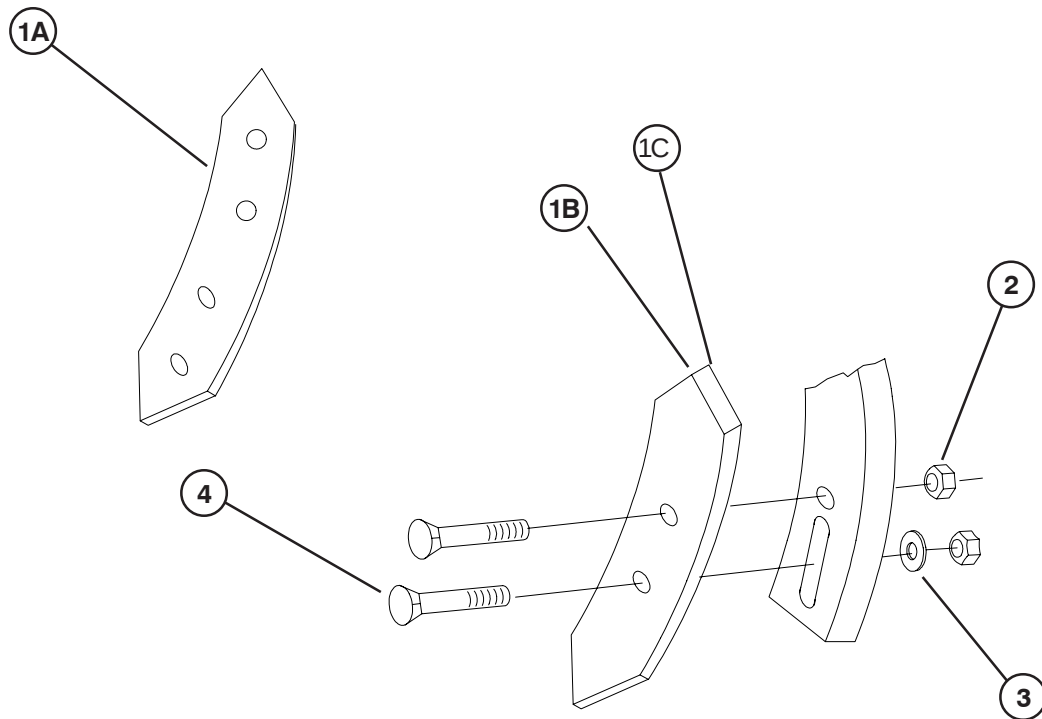
ITEM	PART NO.	DESCRIPTION
	233256	STABILIZER GAUGE WHEEL W/ 9:5L TIRE (PAIR)
1	15321	GAUGE WHEEL MOUNT
2	15627	HINGE PLATE
3	233882	GAUGE WHEEL MAST
4	233887	ADJUST ROD SUB ASSY-PLATED
5	233889	GAUGE WHEEL LEG
6	233886	GAUGE WHEEL CRANK
7	14131	HUB & 2" SPINDLE ASSY
8	16290	WHL ASSY 9.5L x 15 6B 8" 8P GRAY
9	88388	5/8NCx4x3-1/4 U-BOLT
10	88933	5/8NCx6 GR8 BOLT
11	88680	1/2NCx3-1/4 GR5 BOLT
12	88142	1/2NFx1 (13/16 HEAD)
13	88363	NUT 2POSLK 1/2NC
14	88369	NUT 2POSLK 5/8NC
15	244399	GAGE WHEEL LOCK

TIRE ASSEMBLIES, RIMS, TIRES , VALVE STEMS



IDENTIFY WHICH TIRE ASSEMBLY YOU REQUIRE, MOST WIL-RICH IMPLEMENTS HAVE MULTIPLE TIRE/RIM OPTIONS.

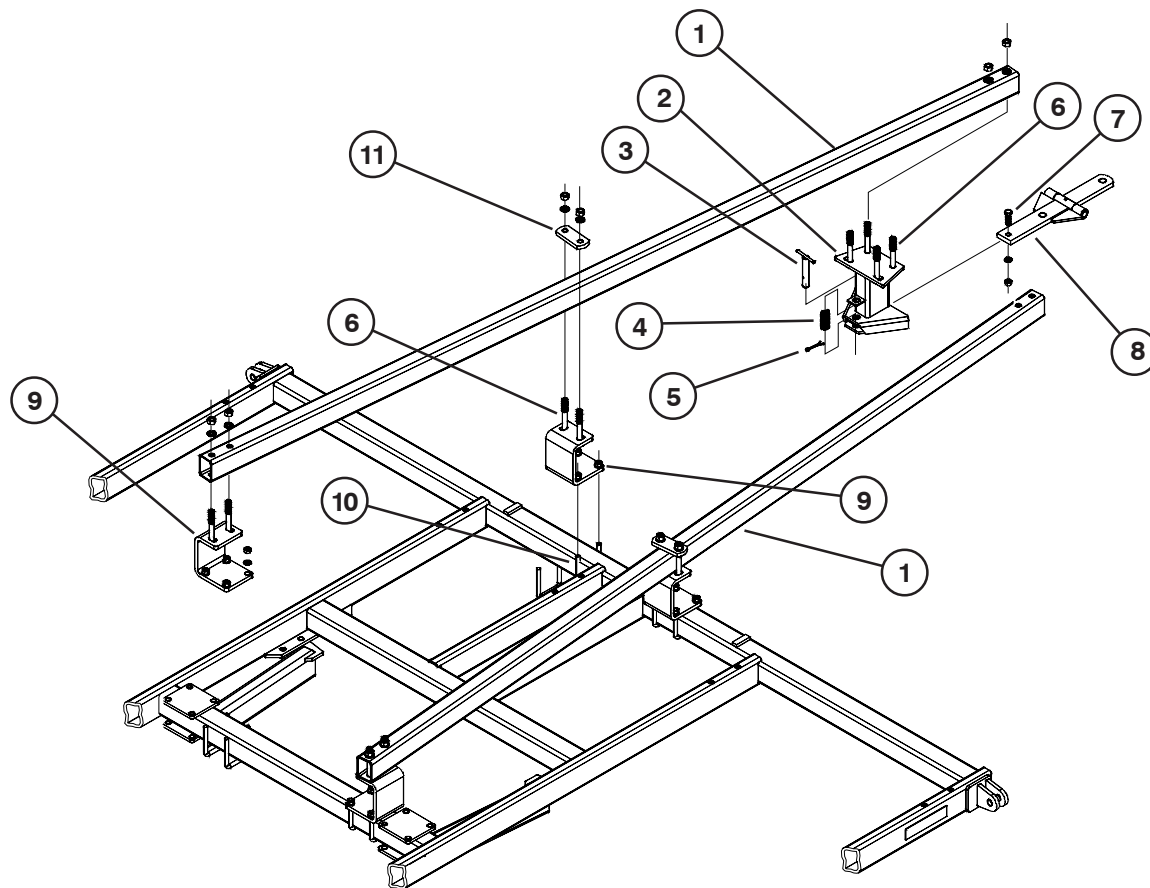
ASSEMBLY	DESCRIPTION
16290	WHL ASSY 9.5LX15 6B 8" 8PLY
10498	RIM 15X8 6B (W511535V PO2)
16287	TIRE 95LX15 8PLY
30784	VALVE STEM ASSY TR415
24538	WHL ASSY 11LX15 6B 8" 8P GRAY
10498	RIM 15X8 6B (W511535V PO2)
29066	TIRE 11L X 15 8PLY
30784	VALVE STEM ASSY TR415
65696	WHL ASSY 11LX15 6B 10" 12PGRAY
41279	TIRE 11L X 15 12 PLY
46714	RIM 15X10 6B (W50534VP02)
57908	VALVE ASSEMBLY (STEEL)
222087	WHL ASSY 31X13.5 6B 10" 12P GRAY
222088	31 X 13.50-15 12PLY TIRE
46714	RIM 15X10 6B (W50534VP02)
57908	VALVE ASSEMBLY (STEEL)
246254	WHL ASSY 13.50-15FI 8B 10IN F
203196	RIM 15 X 10 8B 8-6 (W51350V P02)
246253	13.50-15 FI F HWY IMP TIRE
57908	VALVE ASSEMBLY (STEEL)



77905A

ITEM	PART NO	DESCRIPTION
1A	222696	5/8x2x15 Spike w/ Hrwe Pkg
1B	240690	3" Twisted Concave LH Spike w/ Hrwe Pkg
1C	240691	3" Twisted Concave RH Spike w/ Hrwe Pkg
2	88346	NUT HVY 1/2-13NC 5P
3	88347	WSHR FLAT 1/2(9/16X1-3/8ACT) Z
4	89468	BLT PLW 1/2-13NCX2-1/2NO3 GRADE 8 PLAIN

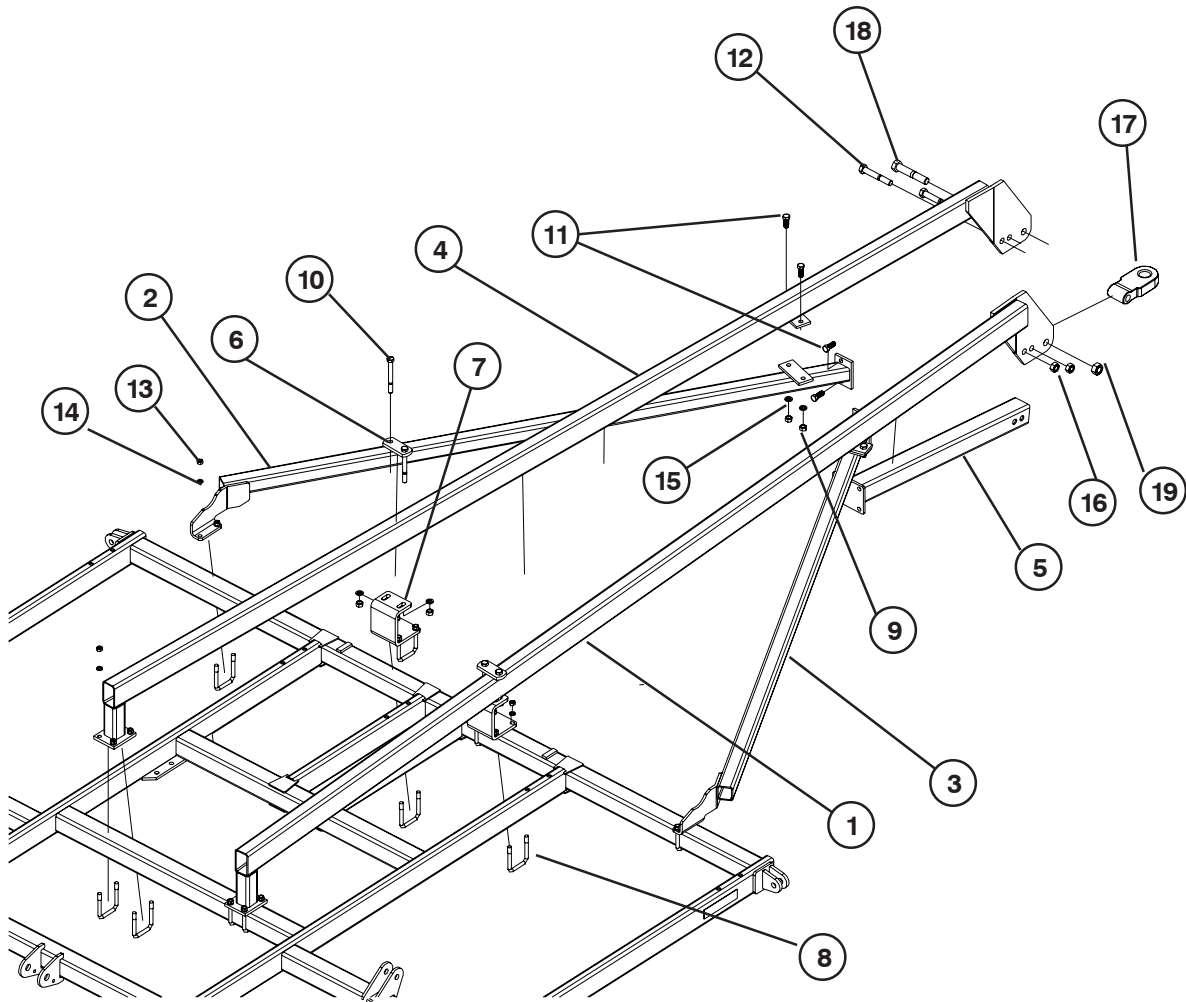
REAR HITCH W/HINGED TONGUE



ITEM	PART NO.	DESCRIPTION
1	233371	REAR HITCH TUBE (164")
2	58281	HITCH MOUNT
3	58284	HITCH PIN(1x2-27/32)
4	15940	SPRING
5	88101	COTTER PIN (1/4x2-1/2)
6	88293	3/4NCx6 GR5 BOLT
7	88294	5/8NCx2 GR5 BOLT
8	18443	HINGE TONGUE ASSEMBLY
9	233375	HITCH TUBE MOUNT
10	88145	5/8NCx4x5-1/4 U-BOLT
11	233372	TUBE STRAP

**THIS HITCH FITS ONLY 5830 13FT MAIN FRAMES
AND MAY PREVENT USE OF OTHER OPTIONS.**

HEAVY DUTY REAR HITCH

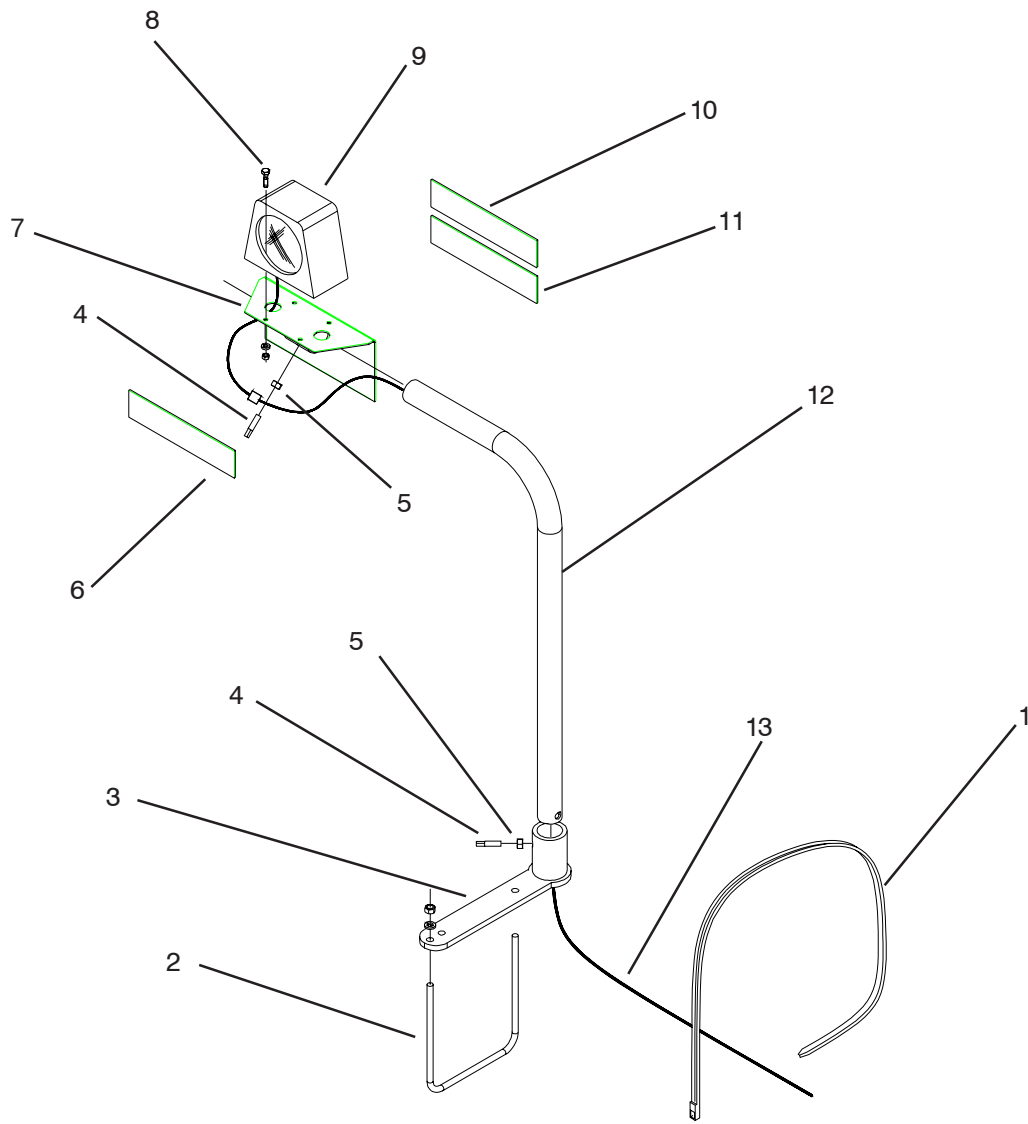


**THIS HITCH FITS ONLY 5830 13FT MAIN FRAMES
AND MAY PREVENT USE OF OTHER OPTIONS.**

ITEM	PART NO	DESCRIPTION
1	233398	LEFT INNER HITCH TUBE
2	233400	RIGHT OUTER HITCH BRACE
3	233401	LEFT OUTER HITCH BRACE
4	233402	RIGHT INNER HITCH BRACE
5	233408	HITCH DOWN TUBE
6	233372	TUBE STRAP
7	233375	HITCH MOUNT
8	88145	BLT-U 5/8-11NCX4X5-1/4 Z
9	88110	NUT HEX 3/4-10NC 5Z
10	88335	BLT HEX 3/4-10NCX7 5Z

ITEM	PART NO	DESCRIPTION
11	88290	BLT HEX 3/4-10NCX2 8YZ
12	88666	BLT HEX 1-8NCX6-1/2 5Z
13	88126	NUT HEX 5/8-11NC 5Z
14	88129	WSHR HLK 5/8ID(11/16ACT) Z
15	88130	WSHR HLK 3/4ID(13/16ACT) Z
16	88658	NUT TOP LK 1-8NC 5Z
17	18237	CAST HITCH
18	89134	BLT HEX 1-1/4-7NCX7 5Z
19	88430	NUT 2POS LK 1-1/4-7NC 5Z

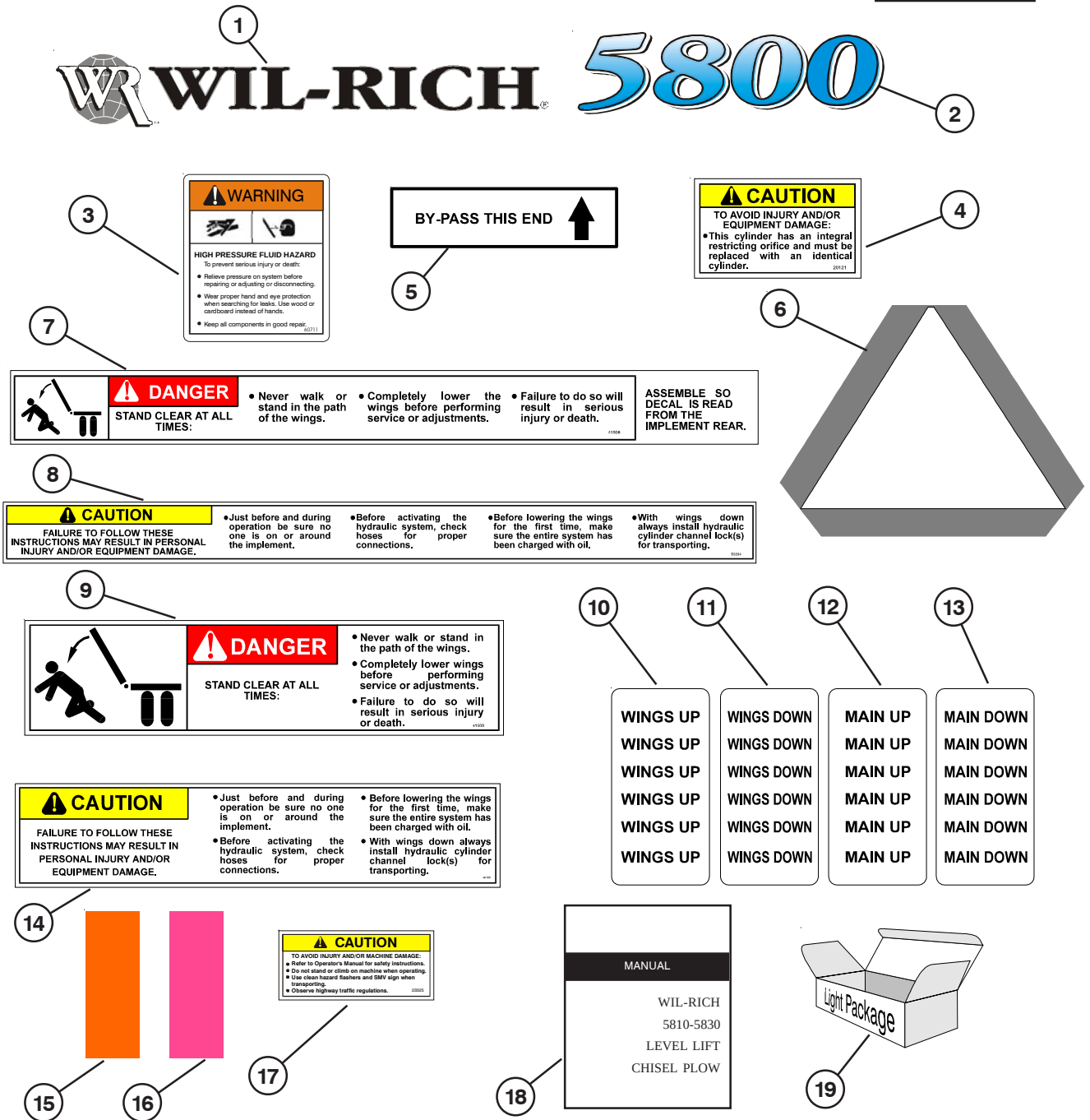
LIGHTS



ITEM	PART NO	DESCRIPTION
	223163	LIGHT KIT (RIDGID)
	234606	LIGHT KIT (4, 6 WING)
	223780	LIGHT KIT (9, 12 WING)
1	13479	4" SQUARE TIE LOOP
2	88385	3/8NCx4x4-3/4 U-BOLT
3	223130	SHORT BASE PIVOT
4	88702	3/8NCx3/4 SQ HEAD SET SCREW
5	88103	3/8NC NUT
6	22372	YELLOW DECAL
7	223126	LIGHT/REFLECTOR BRACKET
8	88203	1/4NCx1 BOLT
9	223143	AMBER LIGHT
	223144	RED LIGHT
10	22371	RED DECAL

ITEM	PART NO	DESCRIPTION
11	223118	RED/ORANGE FLUORESCENT DECAL
12	223140	12x12 LIGHT ARM
	223156	27x33 LIGHT ARM
	223121	48" OFFSET LIGHT ARM
13	223330	AG LIGHT KIT
	223145	AG MODULE
	223146	WISHBONE 4 LEAD
	64597	35' HARNESS

DECALS



ITEM	PART NO	DESCRIPTION
1	65342	WIL-RICH DECAL (3-5/8X23-7/8)
2	235004	5800 DECAL
3	60711	HIGH PRESSURE FLUID HAZARD
4	20121	INTEGRAL RESTRICTOR DECAL
5	20339	BYPASS DECAL
6	41345	SMV KIT
7	41508	WING LOCK DANGER DECAL
8	53334	CAUTION DECAL
9	49163	WING LOCK DANGER DECAL
10	54900	WINGS UP DECAL

ITEM	PART NO	DESCRIPTION
11	54901	WINGS DOWN DECAL
12	54902	MAIN UP DECAL
13	54903	MAIN DOWN DECAL
14	49165	CAUTION DECAL
15	22372	AMBER REFLECTOR
16	22371	RED REFLECTOR
17	23325	CAUTION DECAL - READ
18	74244	5810/5830 ASSEMBLY MANUAL
	74245	5810/5830 OPERATORS MANUAL
19	64594	CLEARANCE LIGHT PACKAGE

WIL-RICH, LLC

WARRANTY

Wil-Rich's products are warranted to the original non-commercial purchaser to be free from defects in material and workmanship for a minimum period of twelve (12) months from the original date of purchase.

Additional Field Cultivator Warranty: Wil-Rich warrants to the original purchaser of each new Wil-Rich Field Cultivator unit (Excel and QuadX), and Disk Field Cultivators that the product be free from defects in material and workmanship for the period of three (3) years on the main frames and shank assemblies. All other components are covered by the twelve (12) month warranty period.

Commercial Use: Warranty for commercial, rental or custom use of any Wil-Rich product is limited to 90 days, parts and labor.

We warrant products sold by us to be in accordance with our published specifications or those specifications agreed to by us in writing at time of sale. Our obligation and liability under this warranty is expressly limited to repairing, or replacing, at our option, within 12 months after date of retail delivery, any product not meeting the specifications. ***We make no other warranty, express or implied and make no warranty of merchantability or of fitness for any particular purpose.*** If requested by us, products or parts for which a warranty claim is made are to be returned transportation prepaid to our factory. Any improper use, operation beyond rated capacity, substitution of parts not approved by us, or any alteration or repair by others in such manner as in our judgment affects the product materially and adversely shall void this warranty. ***No employee or representative is authorized to change this warranty in any way or grant any other warranty.***

Wil-Rich reserves the right to make improvement changes on any of our products without notice.

When warranty limited or not applicable: Warranty on hydraulic hoses, hydraulic cylinders, hubs, spindles, engines, valves, pumps or other trade accessories are limited to the warranties made by the respective manufacturers of these components. Rubber tires and tubes are warranted directly by the respective tire manufacturer only, and not by Wil-Rich.

This warranty shall not be interpreted to render Wil-Rich liable for injury or damages of any kind or nature to person or property. This warranty does not include claims for, or extend to the loss or damage of crops, loss because of delay in seeding/planting or harvesting, or any expense or loss incurred for labor, substitute machinery, rental, and transportation expense or for any other reason.

A Warranty Validation and Delivery Report Form must be filled out and received by Wil-Rich to initiate the warranty coverage.

WARRANTY CLAIMS PROCEDURE

1. The warranty form must be returned to Wil-Rich within thirty (30) working days from the repair date.
2. Parts returned to Wil-Rich without authorization will be refused. The parts must be retained at the dealership for ninety (90) days after the claim has been filed. If the Service Department would like to inspect the parts, a packing slip will be mailed to the dealer. The packing slip must be returned with the parts. The parts must be returned prepaid within thirty (30) days of receiving authorization. After the parts are inspected and warranty is verified, credit for the return freight will be issued to the dealer.
3. Parts that will be scrapped at the dealership will be inspected by a Wil-Rich Sales Representative, District Sales Manager or Service Representative within the ninety (90) day retaining period.