WIL-RICH

Parts Manual

8 &12 Row 1500 Bedder Finisher

12-20 | 74368

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Abbreviations

FN - Footnote (FN) is a column in the parts list used to communicate information that directly effects the part it's lined up with. The number used will correspond with information located below the parts list.

UAR - Use As Required (UAR) is used in the quantity column indicating the number of parts used is determined by service needs.

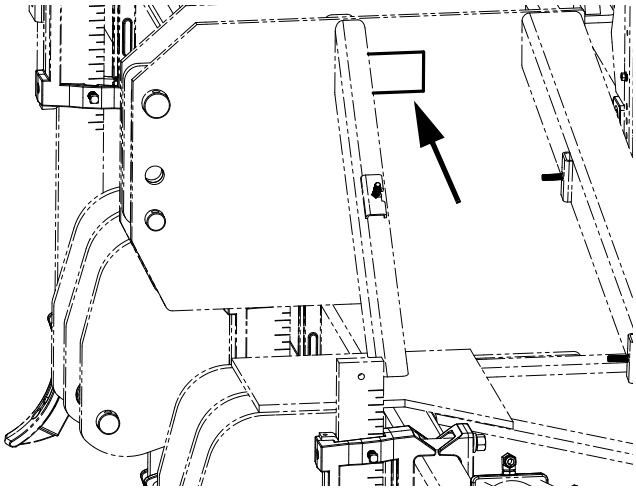
REF - Reference (REF) is used in the part number column and indicates the part has special service information. The location of this information is often referenced in the description column.

NSS - Not Serviced Separately (NSS) in a part number column indicates the part is not available for service.

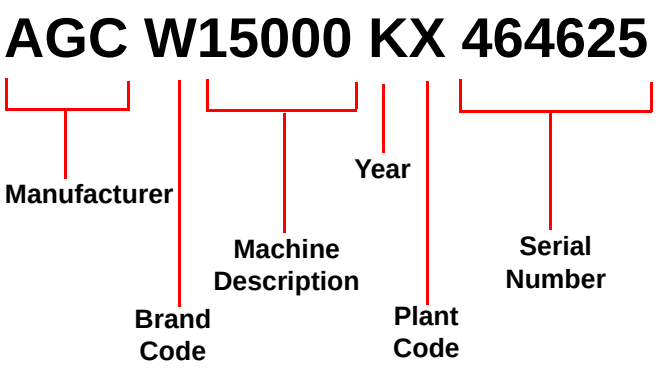
Parts Ordering Procedure

When ordering parts for your implement, please contact an authorized dealer in your area. If the parts are associated with a possible warranty claim, make sure that you contact the original dealer from which you purchased the implement. Make sure to provide the Model, Serial number, Part number, Part description and quantity.

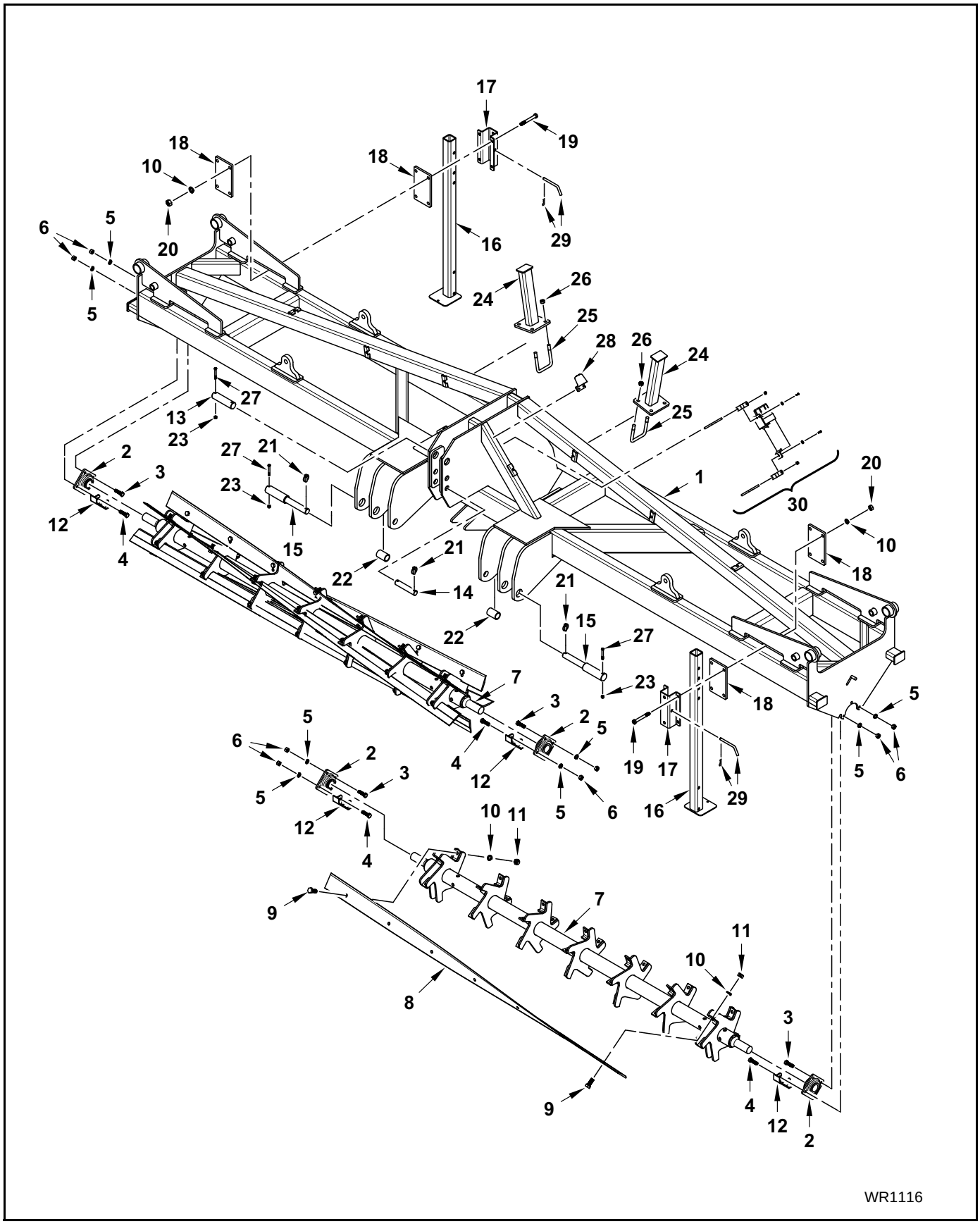
Location of Product Model and Serial Number (Identification plate)



Serial Number Format



Main Frame Mounting



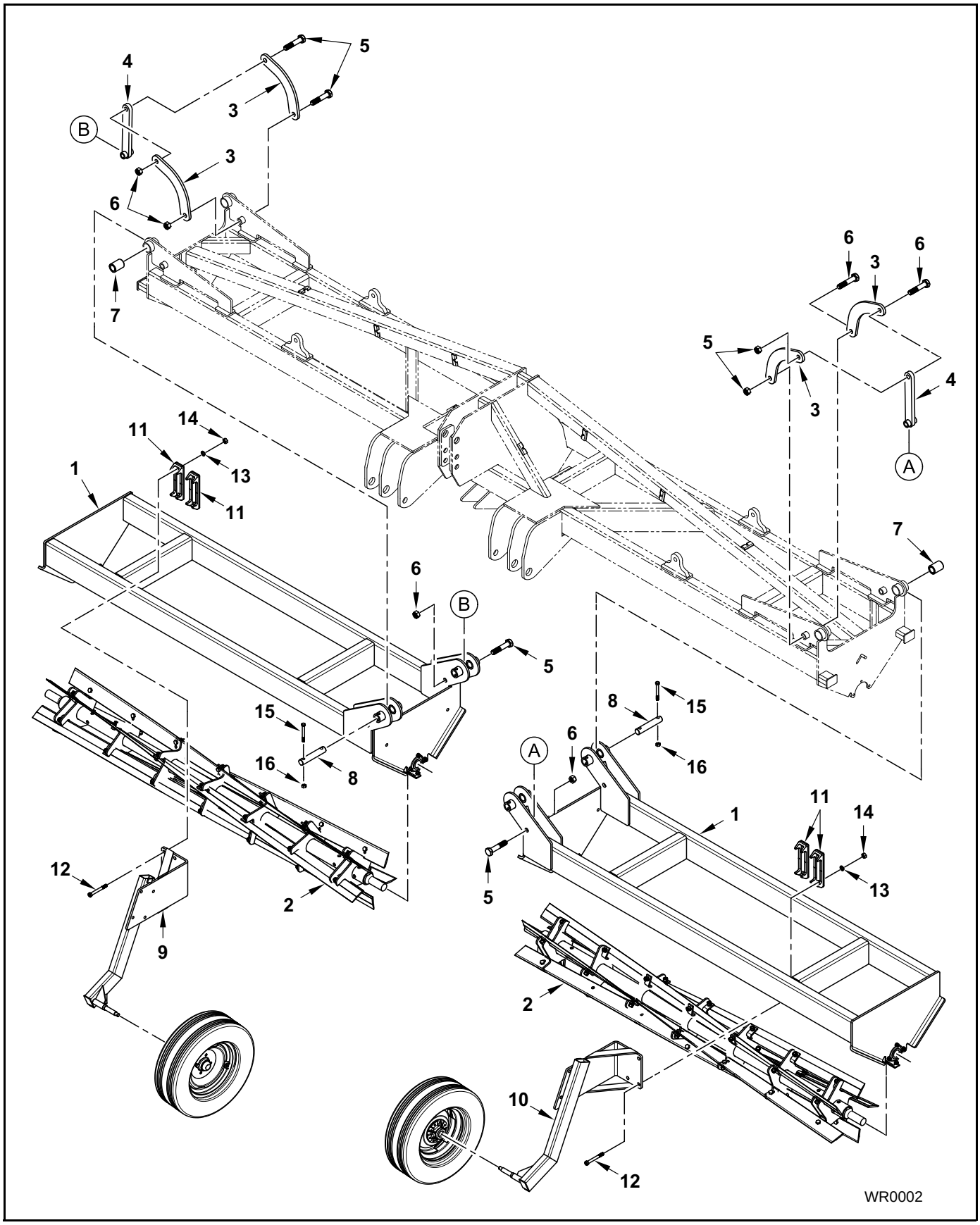
Main Frame Mounting

Ref.	FN	Part Number	Series	Description
1	1	P359252		MAIN FRAME 1500 8 ROW (RED)
	2	P358848		MAIN FRAME 1500 12 ROW (RED)
2		P30185		FLANGE BEARING W/ LOCKING COLLAR
3		P88475		BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
4		P88517		BOLT-HEX: 1/2-13NC X 1-3/4 5ZP
5		P88303		WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
6		P88104		NUT-HEX: 1/2-13NC 5ZP
	1	P359686		6-1/2 REEL ASSY, Inc. 7-12
	2	P238594		9 FT REEL ASSY, Inc. 7 - 12
7	1	P359696		6-1/2 FT REEL WELDMENT
	2	P238591		9 FT REEL WELDMENT
8	1	P52595		BLADE, 6 ft.
	2	P62562		BLADE, 9 ft.
9		P88577		BOLT-HEX: 5/8-11NC X 1-1/2 5ZP
10		P88129		WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
11		P88369		NUT-LOCK: 2 POS 5/8-11NC 5YZP
12		P236893		BRG GUARD CAST (BLACK)
13		P359144		1-3/4 UPPER PIN
14		P359145		1-1/4 UPPER PIN
15		P359146		LOWER THREE POINT PIN
16		P58999		PARKING STAND LEG
17		P359224		RETAINER PARKING STAND
18		P359644		PLATE
19		P88395		BOLT-HEX: 5/8-11NC X 5 5ZP
20		P88126		NUT-HEX: 5/8-11NC 5ZP
21		P32990		PIN, CLICK 7/16 X 1-1/2
22		P62452		SPACER
23		P88103		NUT-HEX: 3/8-16NC 5ZP
24	1	P359759		WING REST ASSY
	2	P357350		WING REST WLDMNT
25		P88145		BLT-U 5/8-11NC X 4 X 5-1/4 Z
26		P88126		NUT-HEX: 5/8-11NC 5ZP
27		P89012		BOLT-HEX: 3/8-16NC X 2-1/2 5ZP
28		P223329		PLUG HOLDER
29		P234811		PIN-BENT: 1/2 X 4 W/ HAIRPIN PIN
30		334502	NOT SERVICABLE	MANUAL TUBE KT (4 X 2)
		P234313		STORAGE TUBE - OWNERS MANUAL
		P334501		SHEET-MOUNT MANUAL HOLDER

1 - Used on 8 Row Models

2 - Used on 12 Row Models

Wing Frame Mounting



Wing Frame Mounting

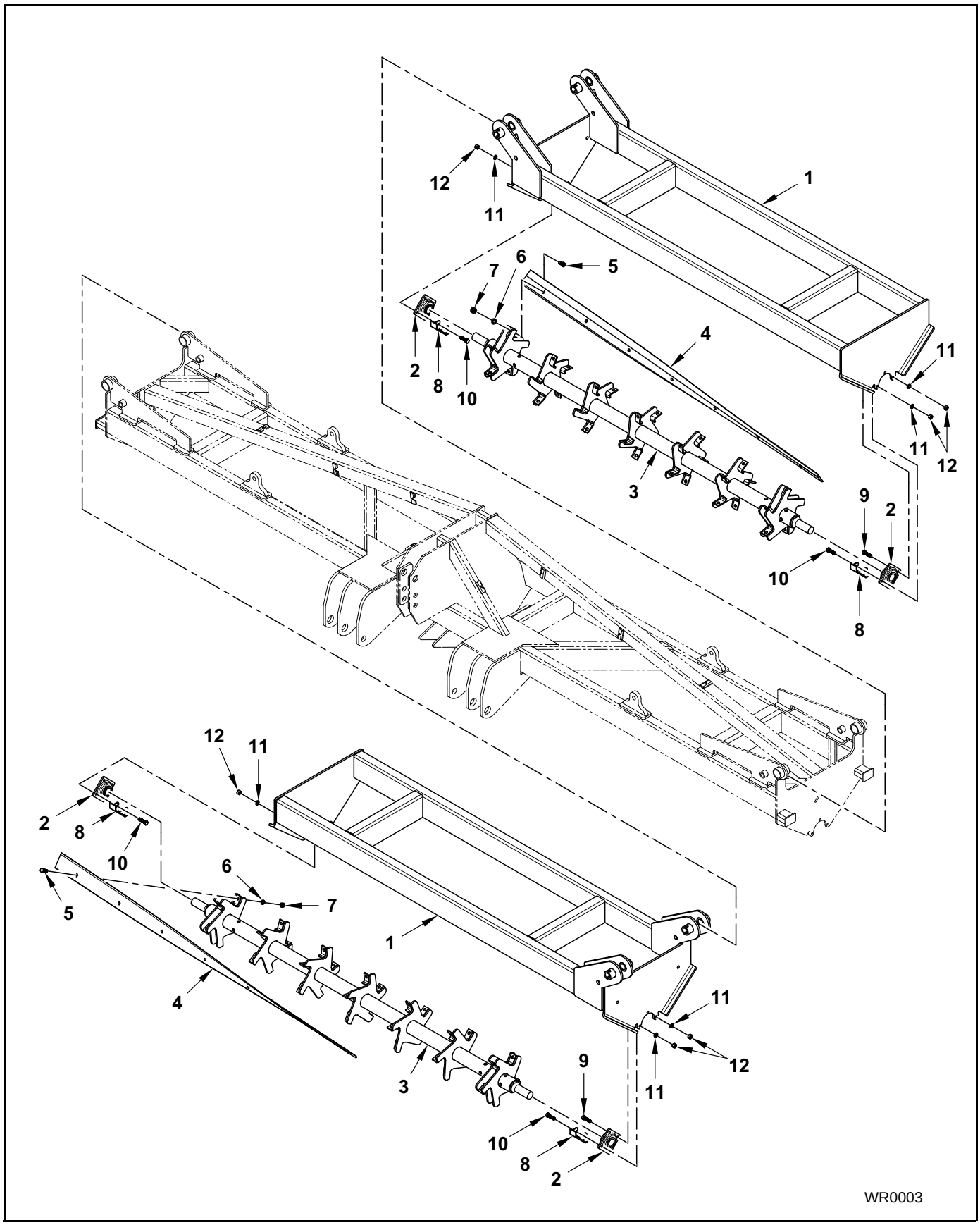
Ref.	FN	Part Number	Series	Description
1	1	P359255		WING 1500 8 ROW (RED)
	2	P358862		WING 1500 12 ROW (RED)
2	1	P359689		6-1/2 FT REEL ASSY, See page 1-6
	2	P238594		9 FT REEL ASSY, See page 1-6
3	3	P359139		CURVED FOLD LINKAGE PLATE
4		P357347		FOLD LINKAGE WELDMENT
5		P88670		BOLT-HEX: 1-8NC X 5-1/2 5ZP
6		P89075		NUT-NYLOCK: 1-8NC 2ZP
7		P357559		COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 3.00
8		P359143		PIN
9		REF		WHEEL, Hub & Spindle, RH, See page 9-2
10		REF		WHEEL, Hub & Spindle, LH, See page 9-2
11		P332413		CAST - CLAMP BACKER
12		P88633		BOLT-HEX: 5/8-11NC X 5-1/2 5ZP
13		P88277		WASHER-FLAT: 5/8 (11/19 X 1-3/4ACT) 2ZP
14		P88126		NUT-HEX: 5/8-11NC 5ZP
15		P88408		BOLT-HEX: 5/8-11NC X 3 5ZP
16		P88627		NUT-NYLOCK: 5/8-11NC 2ZP

1 - Used on 8 Row Models

2 - Used on 12 Row Models

3 - Front Two Plates Used on 12 Row Model Only

Wing Frame Assembly



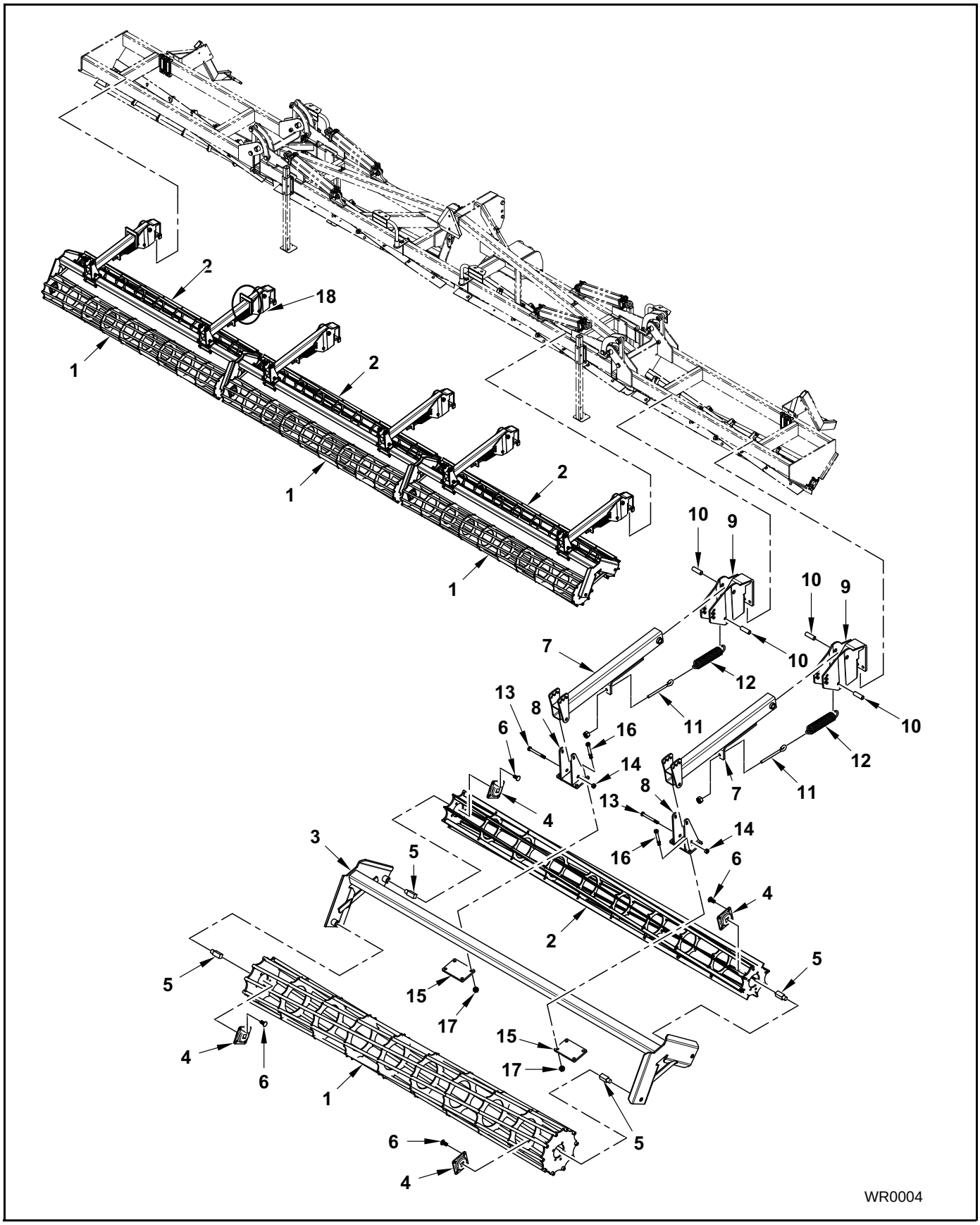
Wing Frame Assembly

Ref.	FN	Part Number	Series	Description
1	1	P359255		WING 1500 8 ROW (RED)
	2	P358862		WING 1500 12 ROW (RED)
2		P30185		FLANGE BEARING W/ LOCKING COLLAR
	1	P359689		6-1/2 FT REEL ASSY, Inc. 3 - 7
	2	P238594		9 FT REEL ASSY, Inc. 3 - 7
3	1	P359696		6-1/2 FT REEL WELDMENT
	2	P238591		9 FT REEL WELDMENT
4	1	P52595		BLADE, 6 ft.
	2	P62562		BLADE, 9 ft.
5		P88577		BOLT-HEX: 5/8-11NC X 1-1/2 5ZP
6		P88129		WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
7		P88369		NUT-LOCK: 2 POS 5/8-11NC 5YZP
8		P236893		BRG GUARD CAST (BLACK)
9		P88475		BOLT-HEX: 1/2-13NC X 1-1/2 5ZP
10		P88517		BOLT-HEX: 1/2-13NC X 1-3/4 5ZP
11		P88303		WASHER-LOCK: HELICAL 1/2ID (9/16ACT) ZP
12		P88104		NUT-HEX: 1/2-13NC 5ZP

1 - Used on 8 Row Models

2 - Used on 12 Row Models

Basket Mounting



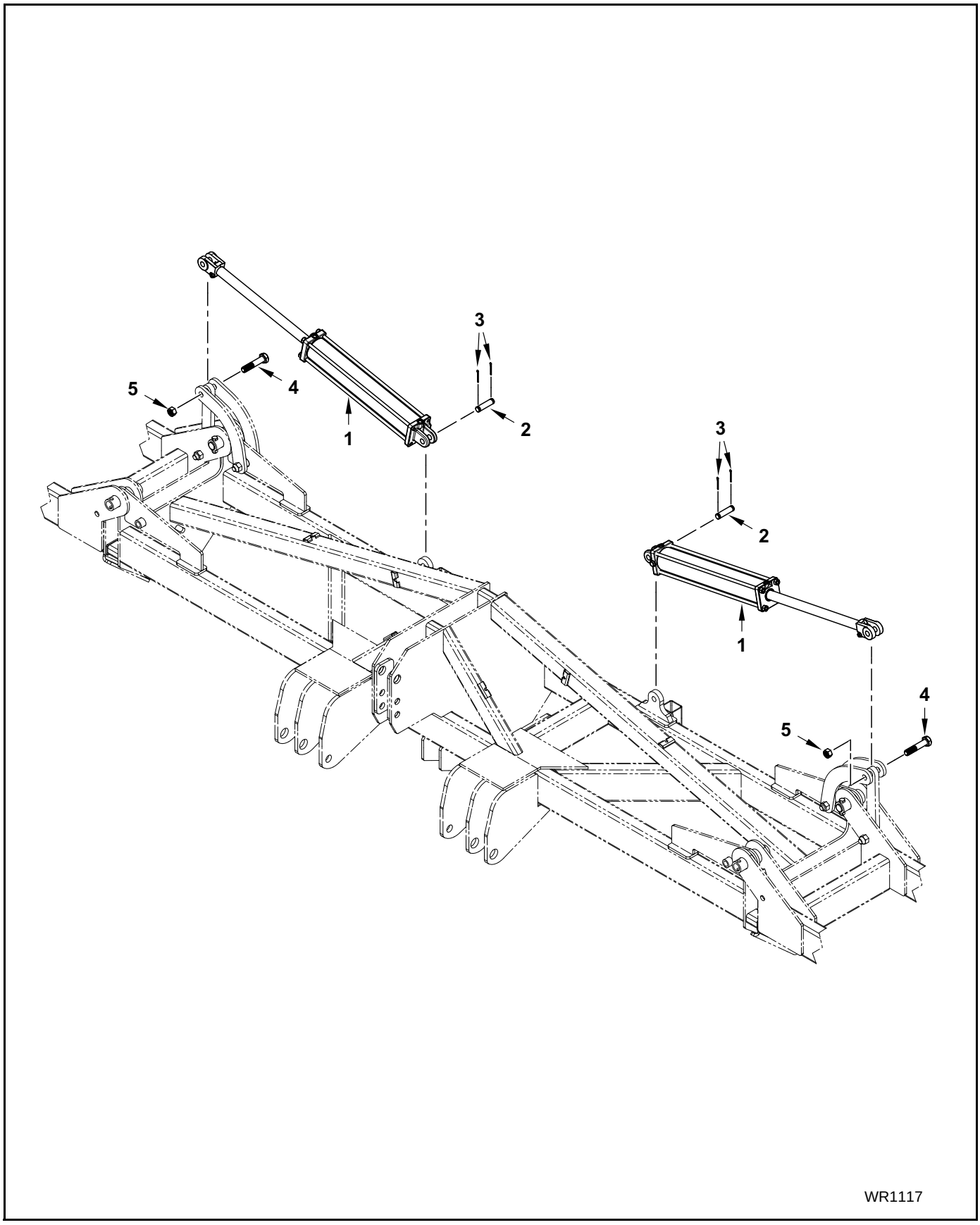
Basket Mounting

Ref.	FN	Part Number	Series	Description
1	1	P359259		6-1/2FT DOUBLE BASKET ASSY FB/RB
	2	P358769		9-1/2FT RB BASKET
2	1	P359694		6-1/2 FT FB BASKET
	2	P358197		9-1/2 FT FB BASKET
3	1	P359257		6-1/2 FT DOUBLE BASKET MOUNT
	2	P359058		9-1/2 FT DOUBLE BASKET MOUNT
4		P244415		FLANGED BEARING (PEER FD209-1-1/8)
5		P244410		BASKET BOLT
6		P88417		BOLT-CARRIAGE: 1/2-13NC X 1-1/4 5ZP
7		P358190		HARROW ARM
8		P350209		PIVOT BRACKET WELD - REAR HARROW
9		P358185		HARROW MOUNT BRACKET (3X7)
10		P236185		SPACER, 1” OD x 11/16” ID x 3.06” L
11		P23123		EYE BOLT 5/8
12		P37858		SPRING
13		P88939		BOLT-HEX: 3/4-10NC X 5-1/2 (2 INCH THREAD) 8YZP
14		P88356		NUT-LOCK: 2 POS 3/4-10NC 5YZP
15		P238310		MOUNTING PLATE
16		P88395		BOLT-HEX: 5/8-11NC X 5 5ZP
17		P88627		NUT-NYLOCK: 5/8-11NC 2ZP
18		P240361		HARROW STOP

1 - Used on 8 Row Models

2 - Used on 12 Row Models

Cylinder Mounting - Wing Frame, 8 Row

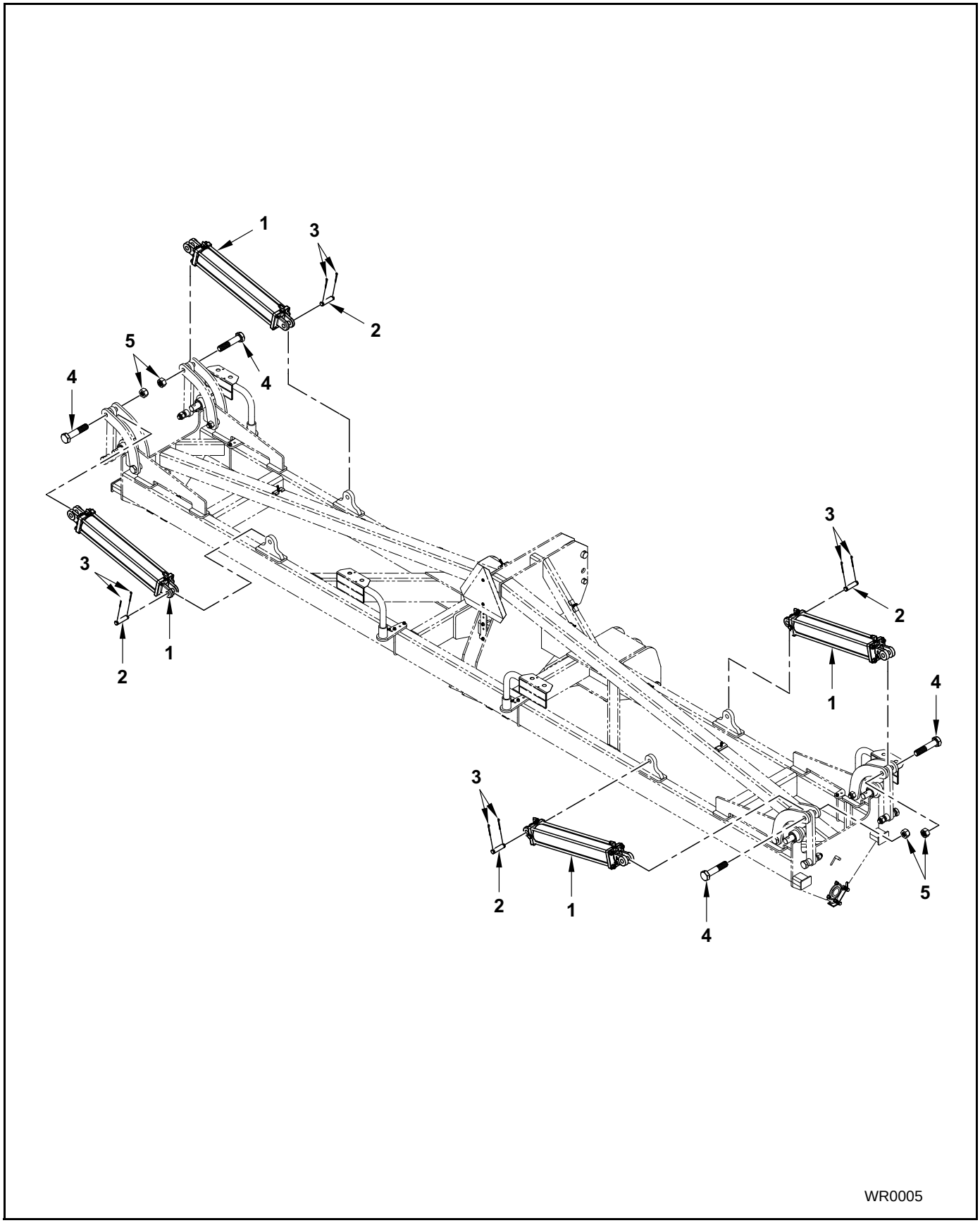


Cylinder Mounting - Wing Frame, 8 Row

Ref.	FN	Part Number	Series	Description
1	1	P247830		HYD CYL, 4X24 TIE ROD (PRINCE)
2		P30115		HEADLESS PIN(2) 1X1-13/16
3		P42484		PIN-ROLL: 1/4 X 2-1/4 ZP
4		P88670		BOLT-HEX: 1-8NC X 5-1/2 5ZP
5		P89075		NUT-NYLOCK: 1-8NC 2ZP

1 - SEAL KIT 222038 SEAL KT, PMCK-SAE-34000 SEA (69029).

Cylinder Mounting - Wing Frame, 12 Row

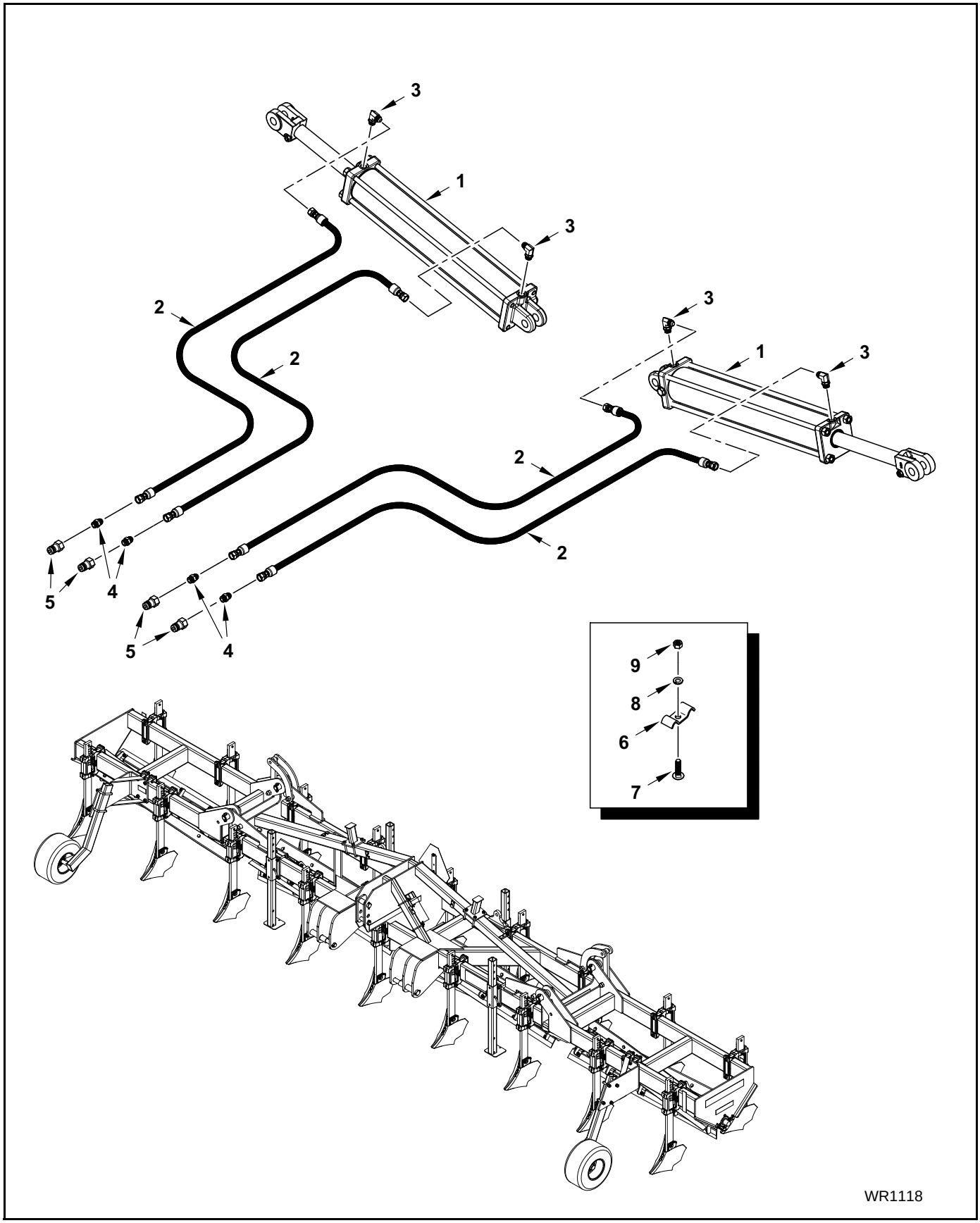


Cylinder Mounting - Wing Frame, 12 Row

Ref.	FN	Part Number	Series	Description
1	1	P247830		HYD CYL, 4X24 TIE ROD (PRINCE)
2		P30115		HEADLESS PIN(2) 1X1-13/16
3		P42484		PIN-ROLL: 1/4 X 2-1/4 ZP
4		P88670		BOLT-HEX: 1-8NC X 5-1/2 5ZP
5		P89075		NUT-NYLOCK: 1-8NC 2ZP

1 - SEAL KIT 222038 SEAL KT, PMCK-SAE-34000 SEA (69029).

Lift Cylinder Hydraulics, Wing Frame, 8 Row

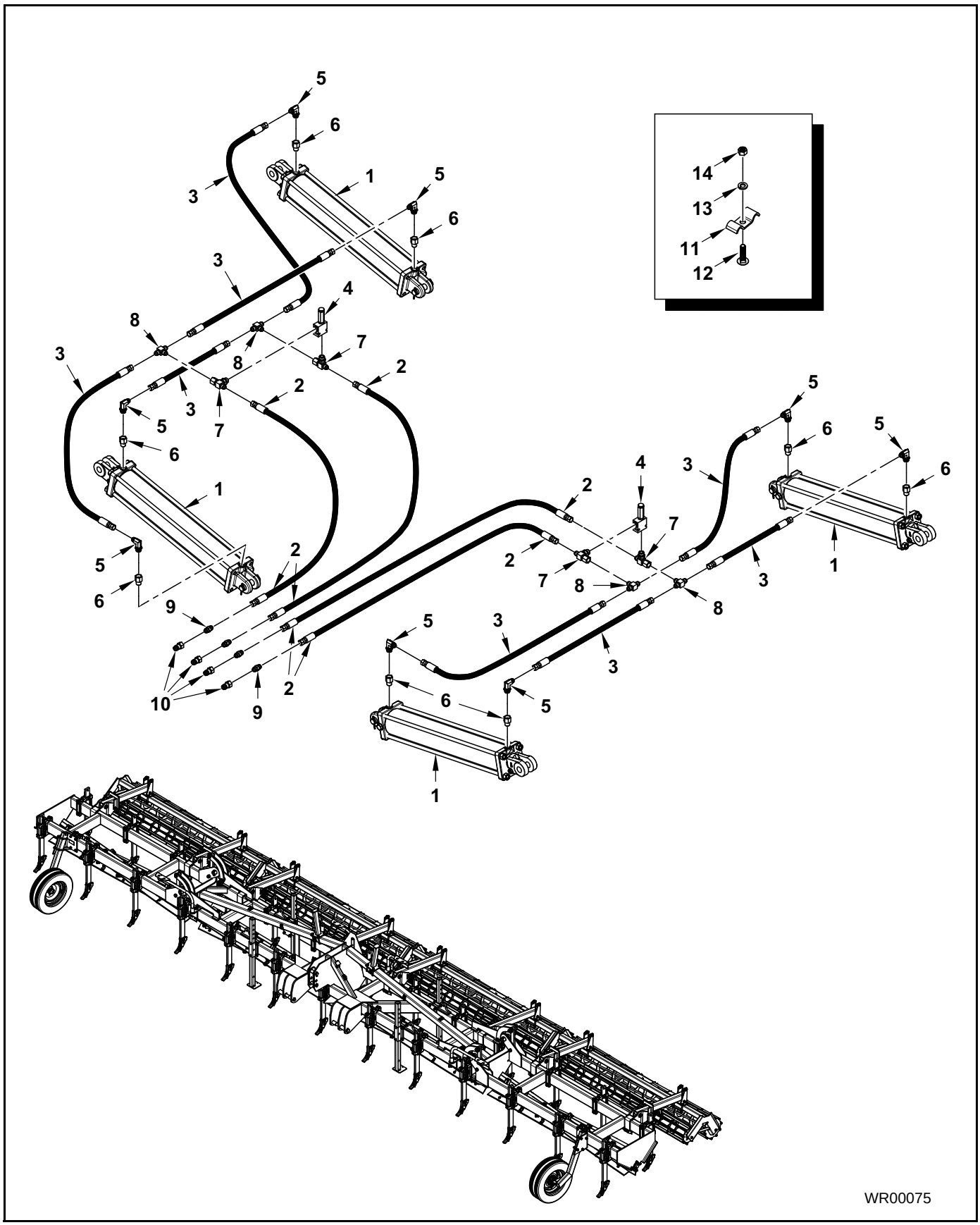


Lift Cylinder Hydraulics, Wing Frame, 8 Row

Ref.	FN	Part Number	Series	Description
1	1	P247830		HYD CYL, 4X24 TIE ROD (PRINCE)
2		P235386		HSE 3KPSI 3/8X137 8FJX-8FJX
3		P25580		ELB 8MORB X 8MJ
4		P24024		ADP 8MORB X 8MJ
5		P247425		QUICK COUPLER 8 ORB
6		P13215		CLAMP, TUBE ZP
7		P89375		BOLT-CARRIAGE: 3/8-16NC X 1-1/2 5ZP
8		P88362		WASHER-HELICAL: 3/8ID ZP
9		P88103		NUT-HEX: 3/8-16NC 5ZP

1 - SEAL KIT 222038 SEAL KT, PMCK-SAE-34000 SEA (69029).

Lift Cylinder Hydraulics, Wing Frame, 12 Row

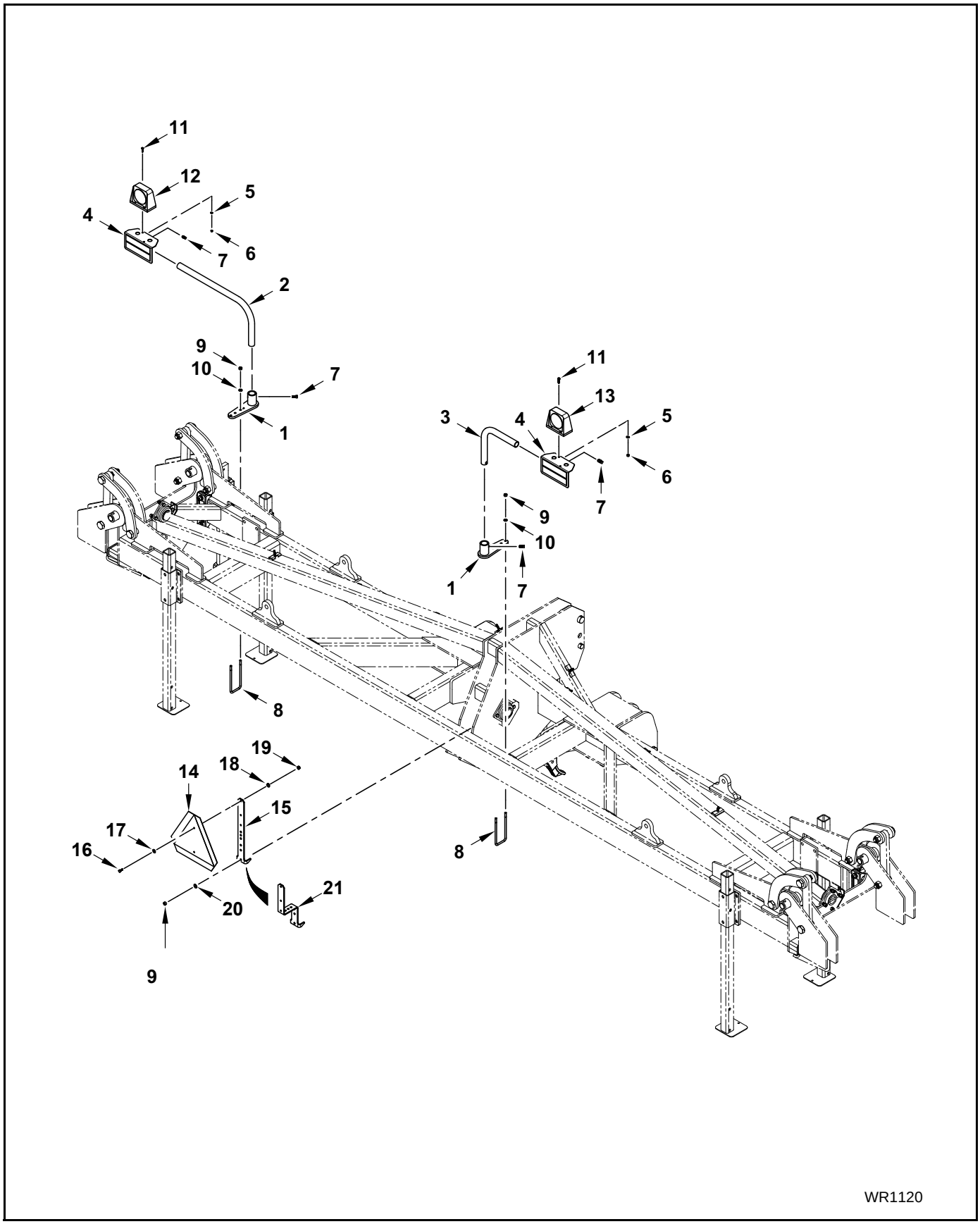


Lift Cylinder Hydraulics, Wing Frame, 12 Row

Ref.	FN	Part Number	Series	Description
1	1	P247830		HYD CYL, 4X24 TIE ROD (PRINCE)
2		P13484		HSE 3KPSI 3/8X156 8FJX-8FJX
3		P13261		HSE 3KPSI 3/8X30 8FJX-8FJX
4		P352437		RELIEF VALVE (500 PSI)
5		P25580		ELB 8MORB X 8MJ
6		P350600		ADP 8MORB X 8FORB (.06 RSTR)
7		P56534		TEE 8MJ X 8MJ X 8MORB
8		P69080		TEE 8MJ X 8MJ X 8FJX
9		P24024		ADP 8MORB X 8MJ
10		P247425		QUICK COUPLER 8 ORB
11		P13215		CLAMP, TUBE ZP
12		P89375		BOLT-CARRIAGE: 3/8-16NC X 1-1/2 5ZP
13		P88362		WASHER-HELICAL: 3/8ID ZP
14		P88103		NUT-HEX: 3/8-16NC 5ZP”

1 - SEAL KIT 222038 SEAL KT, PMCK-SAE-34000 SEA (69029).

Lamp Mounting



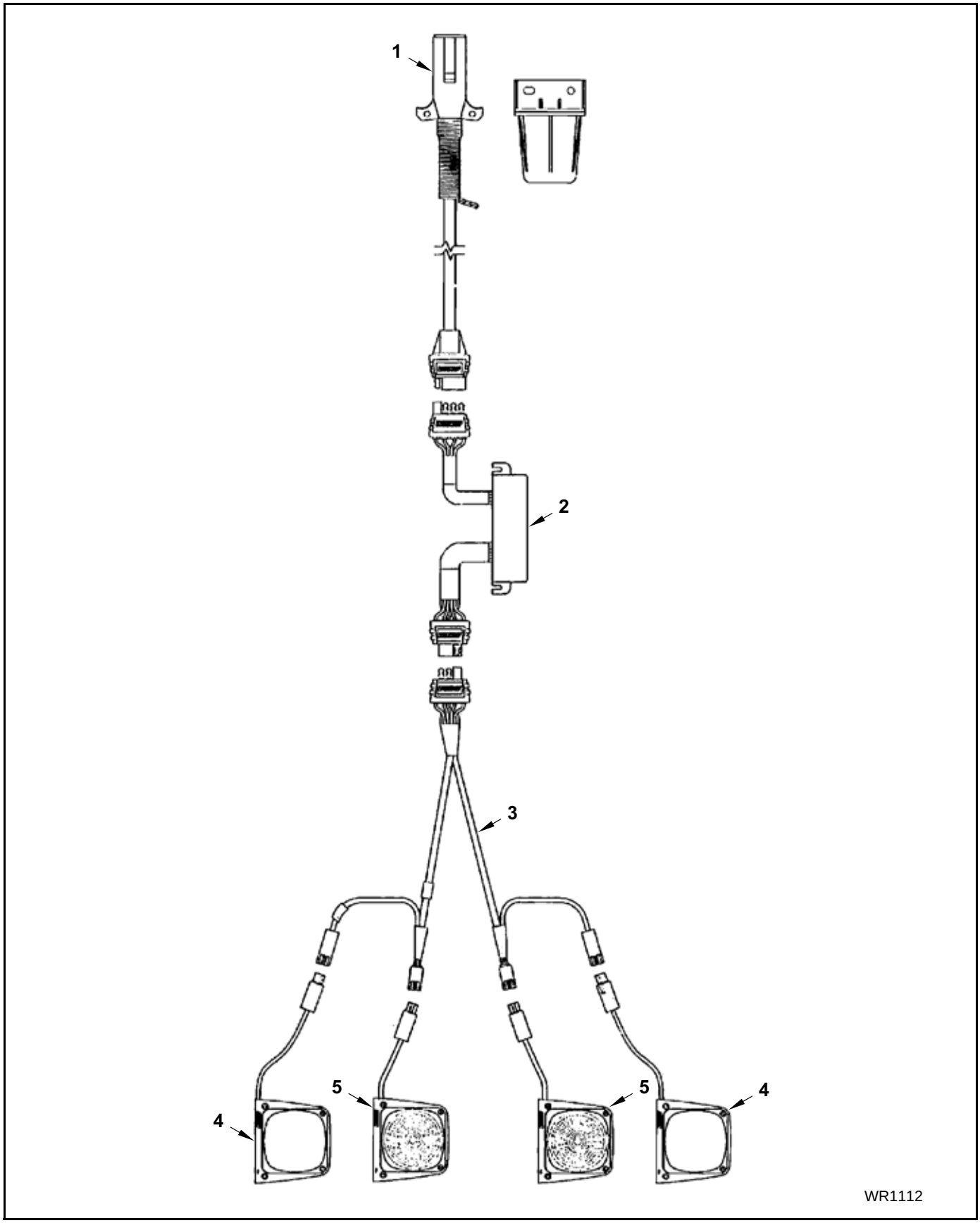
Lamp Mounting

Ref.	FN	Part Number	Series	Description
1		P223130		SHORT BASE PIVOT
2		P223158		12 X 26 LIGHT ARM
3		P223140		12 X 12 LIGHT ARM
		P223126		LIGHT/REFLECTOR BRACKET - W/REFLECTORS, Inc. 4,
4		P223125		FORMED PLATE
5		P88262		WASHER-LOCK: 1/4ID (5/16ACT) ZP
6		P88172		NUT-HEX: 1/4-20NC 5ZP
7		P88702		SCREW-SET: 3/8NC X 3/4 SQHD CUP-PT ZP
8		P89620		BLT-U 3/8-16NC X 3 X 8 Z
9		P88103		NUT-HEX: 3/8-16NC 5ZP
10		P88362		WASHER-HELICAL: 3/8ID ZP
11		P88203		BOLT-HEX: 1/4-20NC X 1 5ZP
12		P223143		AG LIGHT, SINGLE AMBER TRI-PLUG
13		P223144		AG LIGHT, SINGLE RED TRI-PLUG
14		P30651		SMV EMBLEM S276.6
15	1	P350933		SMV BRACKET
16		P88993		BOLT-HEX: 1/4-20NC X 3/4 5ZP
17		P88261		WASHER-FLAT: 1/4 (5/16X 3/4ACT) 2ZP
18		P88262		WASHER-LOCK: 1/4ID (5/16ACT) ZP
19		P88172		NUT-HEX: 1/4-20NC 5ZP
20		P88739		WASHER-FLAT: 3/8SAE(12/32 X 13/16) 2ZP
21	2	P359741		SMV BRACKET

1 - Used on 8 Row Models.

2 - Used on 12 Row Models.

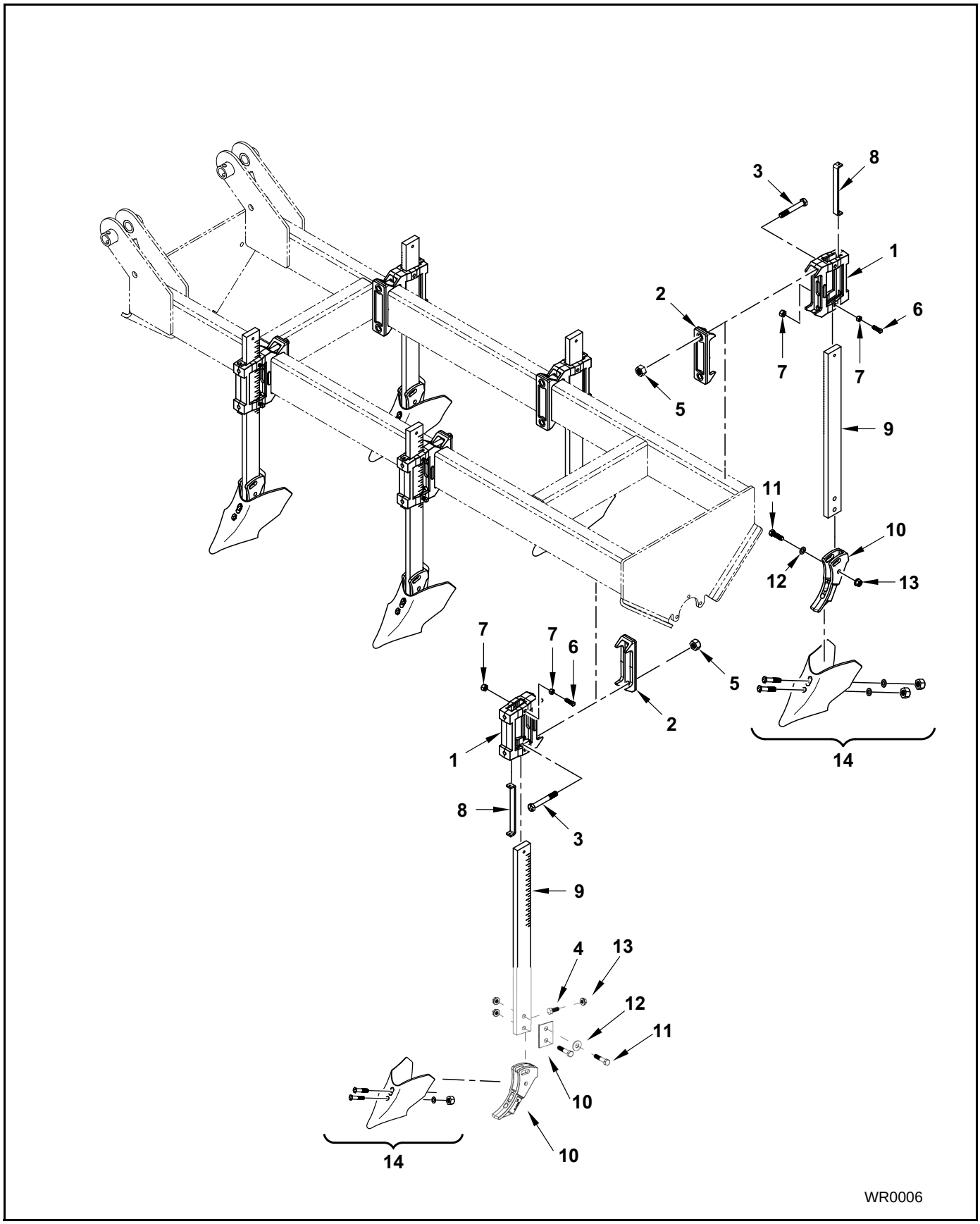
Lamp Wiring Circuitry



Lamp Wiring Circuitry

Ref.	FN	Part Number	Series	Description
1		P64597		35FT FLAT WIRE HARNESS
2		P223145		AG MODULE ASSY
3		P359709		REAR HARNESS 21'
4		P351431		RED LIGHT (COBO)
5		P351430		AMBER LIGHT (COBO)

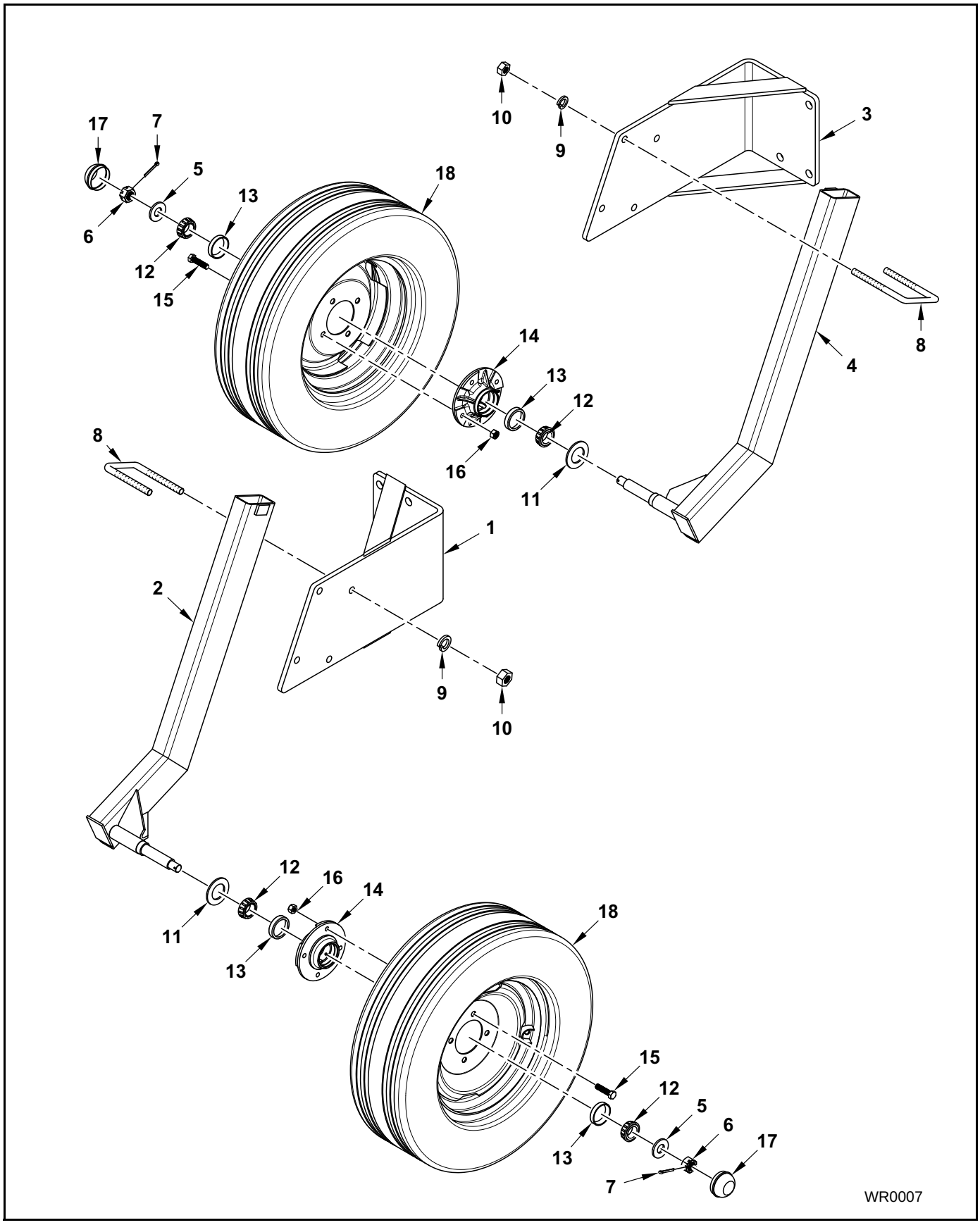
Shank Mounting



Shank Mounting

Ref.	FN	Part Number	Series	Description
1		P332414		CAST - CLAMP
2		P332413		CAST - CLAMP BACKER
3		P88579		BOLT-HEX: 3/4-10NC X 5-1/2 5ZP
4		P88575		BOLT-HEX: 5/8-11NC X 1-1/2 5ZP
5		P88356		NUT-LOCK: 2 POS 3/4-10NC 5YZP
6		P88454		SCREW-SET: 1/2NC X 1-1/2SQHD CUP-PT ZP
7		P88104		NUT-HEX: 1/2-13NC 5ZP
8		P359645		SHANK SHIM
9		P358865		SHANK
		P358866		FORMED SHANK (OFFSET SHANK)
10		P332412		CAST - FOOT
11		P88408		BOLT-HEX: 5/8-11NC X 3 5ZP
12		P88277		WASHER-FLAT: 5/8 (11/19 X 1-3/4ACT) 2ZP
13		P89505		NUT-TOPLOCK: FLANGE 5/8-11NC 5ZP
14		P359202		11 IN FURROWER W/ HARDWARE
		P88364		NUT-HEAVY: 1/2-13NC 2ZP
		P88347		WASHER-FLAT: 1/2 (9/16 X 1-3/8 ACT) 2ZP
		P88497		BOLT-PLOW: 1/2-13NC X 3-1/2 NO3HD 5ZP
		P359201		11 IN FURROWER
15		P334504	NOT SHOWN	KT 11" FURROWER - 12R (INCLUDES QTY 26 OF ITEM 14)
16		P334557	NOT SHOWN	KT 11" FURROWER - 8R (INCLUDES QTY 18 OF ITEM 14)
17		P359669		SHIM

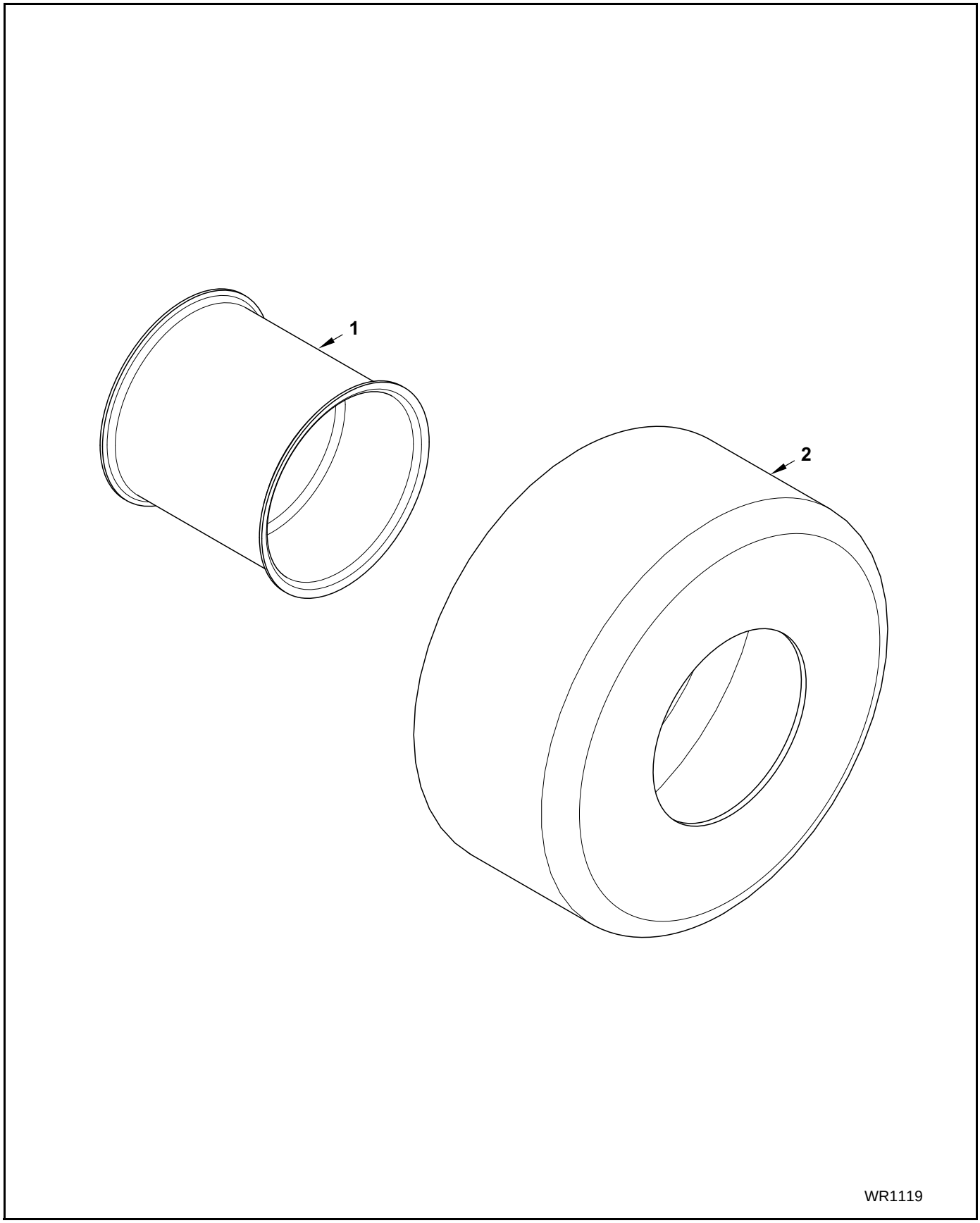
Wheel Assembly Mounting - Wing Frame



Wheel Assembly Mounting - Wing Frame

Ref.	FN	Part Number	Series	Description
1		P359229		RH GAUGE WHEEL MOUNTING
2		P40736		33IN GAUGE WHEEL LEG RIGHT
3		P359230		LH GAUGE WHEEL MOUNTING
4		P40735		33IN GAUGE WHEEL LEG LEFT
5		P88548		WASHR-FLAT: 3/4SAE(13/16 X 1-1/2) 2ZP
6		P88300		NUT-CASTLE: 3/4-16NF 5ZP
7		P88560		PIN-COTTER: 1/8DIA X 1-1/4 ZP
8		P23107		BLT-U 5/8-11NC X 4 X 3-1/2 Z
9		P88129		WASHER-LOCK: HELICAL 5/8ID (11/16ACT) ZP
10		P88126		NUT-HEX: 5/8-11NC 5ZP
11		P23108		SEAL, GREASE
12		P23109		BEARING, CONE (L44643)
13		P23114		BEARING, CUP (L44610)
14		P23115		4 BOLT HUB ASSY (BLACK)
15		P23116		BOLT, WHEEL 1/2NC
16		P23113		NUT-WHEEL: 1/2-20NF (3/4 HEX) ZP
17		P23112		DUST CAP
18		P23111		WHL ASSY 18 X 950-8 4B 4P GRAY, See page 9-4
		P40733		GA WHEEL ASSY PUSH TYPE LEFT, Inc. 4-7, 11-17
		P40734		GA WHEEL ASSY PUSH TYPE RIGHT, Inc. 2, 7, 11-17
19		P332413	NOT SHOWN	CAST - CLAMP BACKER (SEE PG. 7)
20		P88633	NOT SHOWN	BOLT-HEX: 5/8-11NC X 5-1/2 5ZP (SEE PG. 7)
21		P88277	NOT SHOWN	WASHER-FLAT: 5/8 (11/19 X 1-3/4ACT) 2ZP (SEE PG. 7)
22		P88126	NOT SHOWN	NUT-HEX: 5/8-11NC 5ZP (SEE PG. 7)

Wheel Assembly



Wheel Assembly

Ref.	FN	Part Number	Series	Qty.	Description
		P23111		2	WHL ASSY 18 X 950-8 4B 4P GRAY Inc. 1-3
1		P30630		1	WHL RIM 8 X 7 4 BLT OWHT
2		NSS		1	TIRE, 18 X 950-B, 4-Ply

Decals - Model

1

2

WR0073

Decals - Model

Ref.	FN	Part Number	Series	Description
1		P64404		WIL-RICH DECAL 3 X 19-7/8
2		P359668		1500 DECAL

Decals- Safety

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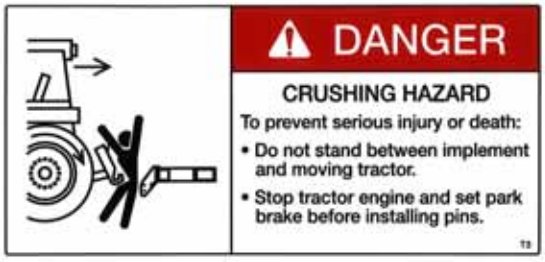

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WR00074

Decals - Safety

Ref.	FN	Part Number	Series	Description
1		P22128		DECAL, DANGER HITCH PLATE
2		P223118		SMV TAPE 2X9 FLUORESCENT ORANGE
3		P22371		RED REFLECTOR
4		P22372		AMBER REFLECTOR
5		P24227		WARNING DECAL-OPERATING
6		P31944		CAUTION DECAL
7		P222802		CRUSHING DECAL
8		P700738712		DECAL SAFETY SIGN-WARNING STAY CLEAR FOOT
9		P9971163		DECAL SAFETY SET

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