



FWR817/FWR1020/ FWR1223 FOLDING WHEEL V-RAKE

Published 05/11

MATERIAL HANDLING PARTS MANUAL

PARTS MANUAL SECTION 21



An Operator's Manual was shipped with the equipment . The Operator's Manual is an integral part of the safe operation of this machine and must be maintained with the unit at all times. **READ, UNDERSTAND, and FOLLOW** the Safety and Operation Instructions contained in this manual before operating the equipment. If the Operator's Manual is not with the equipment, contact your dealer or Bush Hog to obtain a Free copy before operating the equipment.



BUSH HOG®

2501 Griffin Ave.
Selma, AL 36703
Parts Ordering 1-800-304-2836
www.bushhog.com

ATENCIÓN!

LEA EL INSTRUCTIVO

Si No Lee Ingles, Pida Ayuda a Alguien
Que Si Lo Lea Para Que le Traduzca las
Medidas de Seguridad.



**MEMBER OF THE
ALAMO GROUP**
ALWAYS ON THE CUTTING EDGE®

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PARTS ORDERING GUIDE

The following instructions are offered to help eliminate needless delay and error in processing purchase orders for the equipment in this section.

1. The Parts Section is prepared in logical sequence and grouping of parts that belong to the basic machine featured in this manual. Part Numbers and Descriptions are given to help locate the parts and quantities required.
2. The Purchase Order must include the name and address of the person or organization ordering the parts, who should be charged, and if possible, the serial number of the machine for which the parts are ordered.
3. The Purchase Order must clearly list the quantity of each part, the complete and correct part number (be sure to include all periods), and the basic name of the part.
4. The Manufacturer reserves the right to substitute parts where applicable.
5. Some parts are unlisted items which are special production items not normally stocked and are subject to special handling. Request a quotation for such parts before sending a Purchase Order.
6. The Manufacturer reserves the right to change prices without prior notice.



For maximum safety and to guarantee optimum product reliability, always use genuine BUSH HOG Parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death. Direct any questions regarding parts to:

BUSH HOG
2501 Griffin Ave.
Selma, AL 36703
www.bushhog.com
Contact Us
800-304-2836



BUSH HOG®

To the Owner/Operator/Dealer

All implements with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes the potential hazards and follows reasonable safety practices. The manufacturer has designed this implement to be used with all its safety equipment properly attached to minimize the chance of accidents.

BEFORE YOU START! Read the safety messages on the implement and shown in your manual. Observe the rules of safety and common sense!

DANGER

FAILING TO FOLLOW SAFETY MESSAGES AND OPERATING INSTRUCTION CAN CAUSE SERIOUS BODILY INJURY OR EVEN DEATH TO OPERATOR AND OTHERS IN THE AREA.

1. 	2. NO RIDERS. NO CHILDREN OPERATORS 	3. USE SAFETY SHOES, HARD HAT, SAFETY GLASSES, SEAT BELTS, ROPS & OPS. 	4. BLOCK UP SECURELY BEFORE WORKING UNDER. 
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1. Study and understand Operator's Manuals, Safety Decals, and Instructional Decals for tractor and implement to prevent misuse, abuse, and accidents. Practice before operating in a confined area or near passersby.
• Learn how to stop engine suddenly in an emergency. Be alert for passersby and especially children.

2. Allow no children on or near folding mower or tractor. Allow no riders on tractor or implement. Falling off may cause serious injury or death from being run over by tractor or mower or contact with rotating blades.

3. Operate only with tractor having Roll-Over Protective Structure (ROPS) and with seat belt securely fastened to prevent injury and possible death from falling off or tractor overturn.
• Personal Protective Equipment such as Hard Hat, Safety Glasses, Safety Shoes, & Ear Plugs are recommended.

4. Block up or support raised machine and all lifted components securely before putting hands or feet under or working underneath any lifted component to prevent crushing injury or death from sudden dropping or inadvertent operation of controls. Make certain area is clear before lowering or folding.

5. Before transporting, put Lift Lever in detent or full-lift position. Install Transport Safety Devices securely on folding mowers. Put Booms securely in Transport Rest.
• Folding and Boom Mowers have raised center of gravity. Slow down when turning and on hillsides.

6. Make certain that SMV sign, warning lights, and reflectors are clearly visible. Follow local traffic codes.

7. Never operate with Cutting Head or Folding Section raised if passersby, bystanders, or traffic are in the area to reduce possibility of injury or death from objects thrown by Blades under Guards or mower structure.

8. Before dismounting, secure implement in transport position or lower to ground.
• Put tractor in park position or set brake, disengage PTO, stop engine, remove key, and wait until noise of rotation has ceased to prevent crushing by entanglement in rotating parts which could cause injury or death.
• Never mount or dismount a moving vehicle. Crushing from runover may cause serious injury or death.

5. TRANSPORT SAFELY. LOCK UP. 	6. USE SMV, LIGHTS, & REFLECTORS. 	7. DO NOT OPERATE WITH CUTTER OR WING RAISED 	8. DO NOT MOUNT OR DISMOUNT WHILE MOVING. 
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WARRANTY INFORMATION:

Read and understand the complete Warranty Statement found in this Manual. Fill out the Warranty Registration Form in full and return it to within 30 Days. Make certain the Serial Number of the Machine is recorded on the Warranty Card and on the Warranty Form that you retain.

LIMITED WARRANTY



Bush Hog warrants to the original purchaser of any new Bush Hog equipment, purchased from an authorized Bush Hog dealer, that the equipment be free from defects in material and workmanship for a period of one (1) year for non-commercial, state and municipalities' use and ninety (90) days for commercial use from date of retail sale. The obligation of Bush Hog to the purchaser under this warranty is limited to the repair or replacement of defective parts.

Replacement or repair parts installed in the equipment covered by this limited warranty are warranted for ninety (90) days from the date of purchase of such part or to the expiration of the applicable new equipment warranty period, whichever occurs later. Warranted parts shall be provided at no cost to the user at an authorized Bush Hog dealer during regular working hours. Bush Hog reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

DISCLAIMER OF IMPLIED WARRANTIES & CONSEQUENTIAL DAMAGES

Bush Hog's obligation under this limited warranty, to the extent allowed by law, is in lieu of all warranties, implied or expressed, **INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE** and any liability for incidental and consequential damages with respect to the sale or use of the items warranted. Such incidental and consequential damages shall include but not be limited to: transportation charges other than normal freight charges; cost of installation other than cost approved by Bush Hog; duty; taxes; charges for normal service or adjustment; loss of crops or any other loss of income; rental of substitute equipment, expenses due to loss, damage, detention or delay in the delivery of equipment or parts resulting from acts beyond the control of Bush Hog.

THIS LIMITED WARRANTY SHALL NOT APPLY:

1. To vendor items which carry their own warranties, such as engines, tires, and tubes.
2. If the unit has been subjected to misapplication, abuse, misuse, negligence, fire or other accident.
3. If parts not made or supplied by Bush Hog have been used in connection with the unit, if, in the sole judgement of Bush Hog such use affects its performance, stability or reliability.
4. If the unit has been altered or repaired outside of an authorized Bush Hog dealership in a manner which, in the sole judgement of Bush Hog, affects its performance, stability or reliability.
5. To normal maintenance service and normal replacement items such as gearbox lubricant, hydraulic fluid, worn blades, or to normal deterioration of such things as belts and exterior finish due to use or exposure.
6. To expendable or wear items such as teeth, chains, sprockets, belts, springs and any other items that in the company's sole judgement is a wear item.

NO EMPLOYEE OR REPRESENTATIVE OF BUSH HOG IS AUTHORIZED TO CHANGE THIS LIMITED WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY UNLESS SUCH CHANGE IS MADE IN WRITING AND SIGNED BY BUSH HOG'S SERVICE MANAGER, 2501 GRIFFIN AVE., SELMA, ALABAMA 36703.



Record the model number, serial number and date purchased. This information will be helpful to your dealer if parts or service are required.

MODEL NUMBER _____

SERIAL NUMBER _____

DATE OF RETAIL SALE _____

MAKE CERTAIN THE WARRANTY
HAS BEEN FILED WITH BUSH HOG
SELMA, ALABAMA

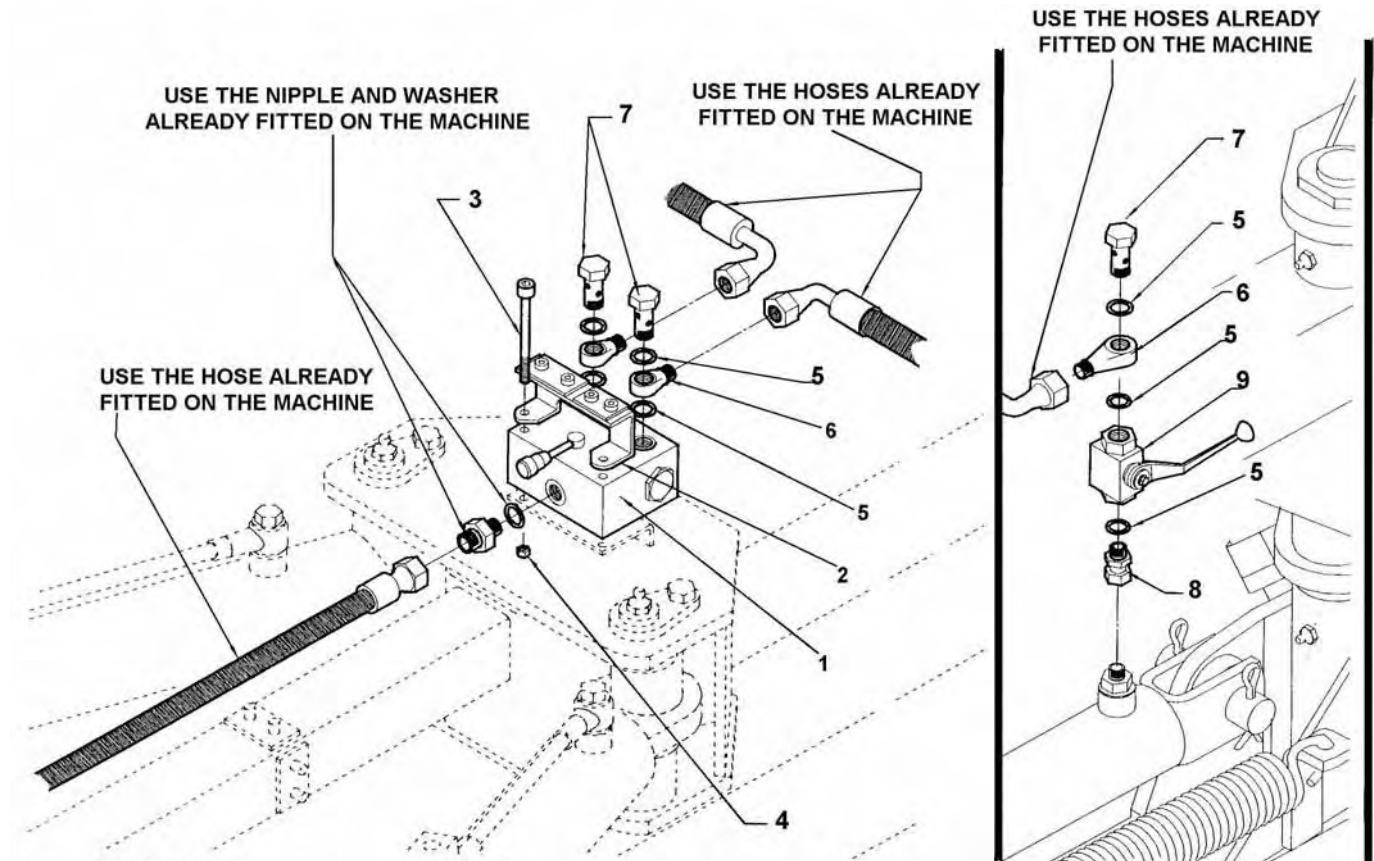
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HYDRAULIC ONE SIDE WHEEL KIT (OPTIONAL)

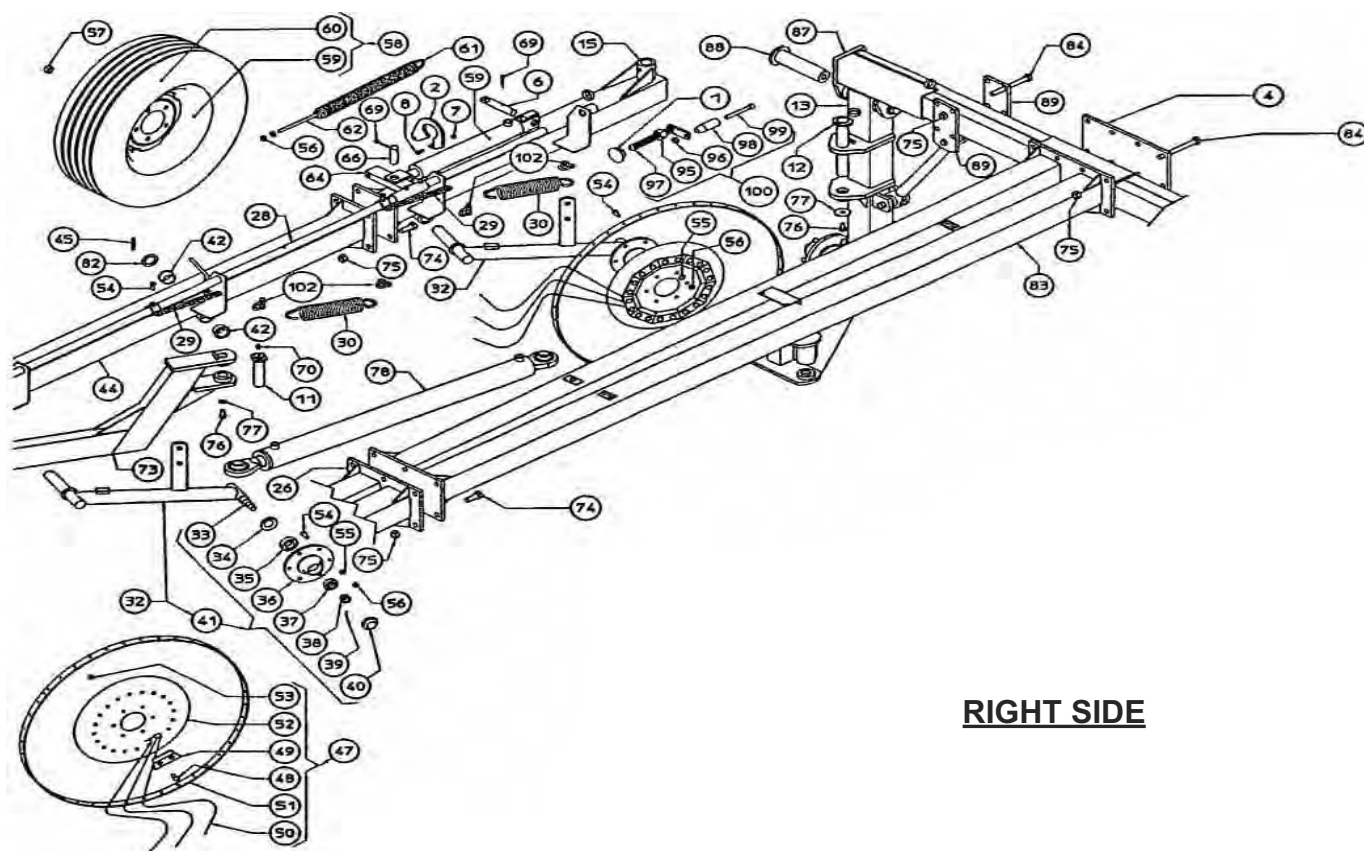
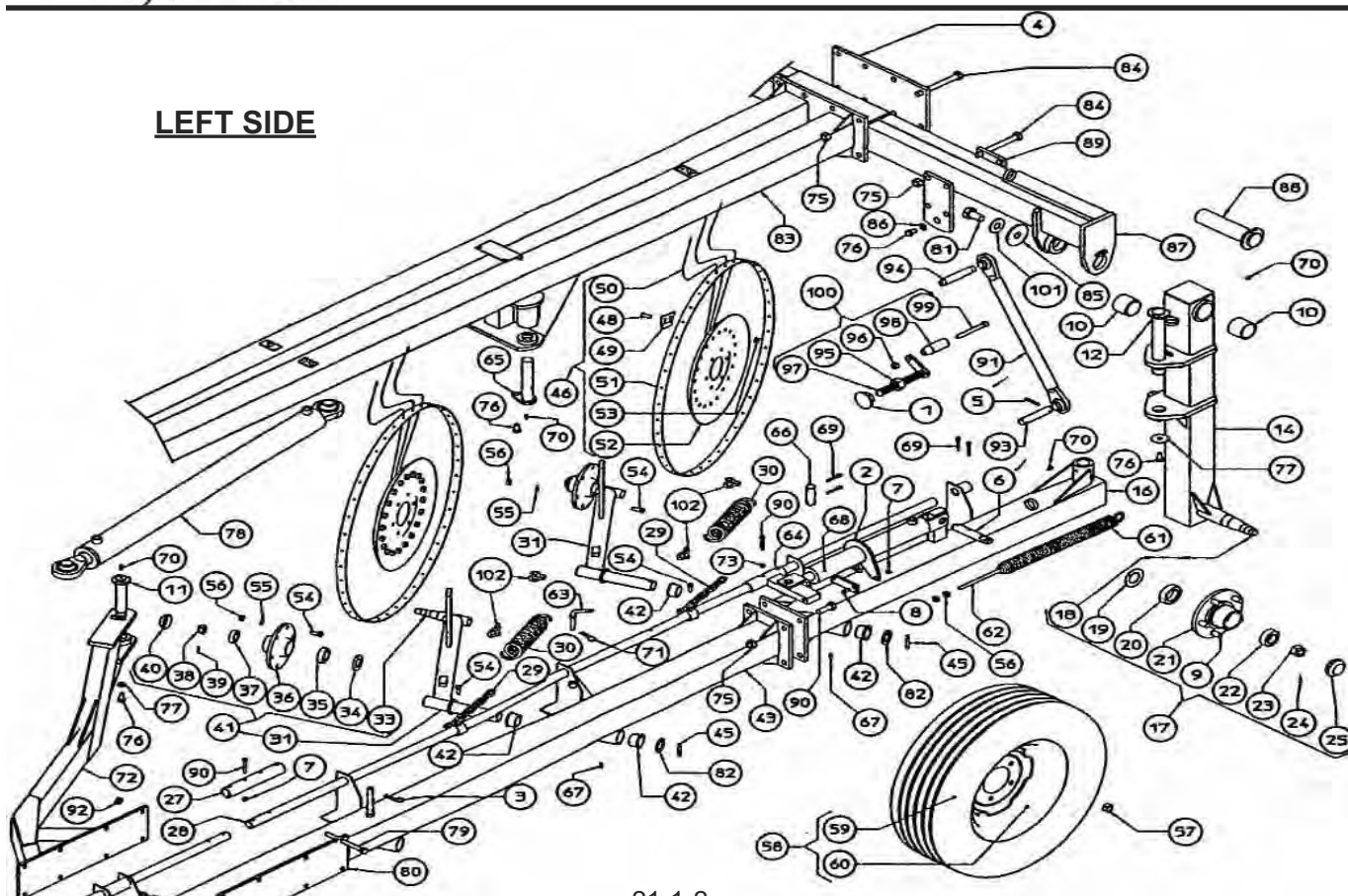
MODELS FWR817, FWR1020, FWR1223



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3667351	Valve, Ball	1
2	3667593	Plate, Valve	1
3	707820C8	Capsc, Soc Hd M6-P1.0-90	2
4	70092C	Nut Met TIn M6-P1 PI5	2
5	3638404	Washer, Copper 17 X 22 X 1.4	10
6	3697109	Fitting 3/8"	4
7	3637100	Hydraulic Fitting 3/8"	4
8	3667144	Fitting,Hydraulic 3/8"	2
9	3667350	Valve,Ball - Shut Off	2

REAR SECTION

MODEL FWR817

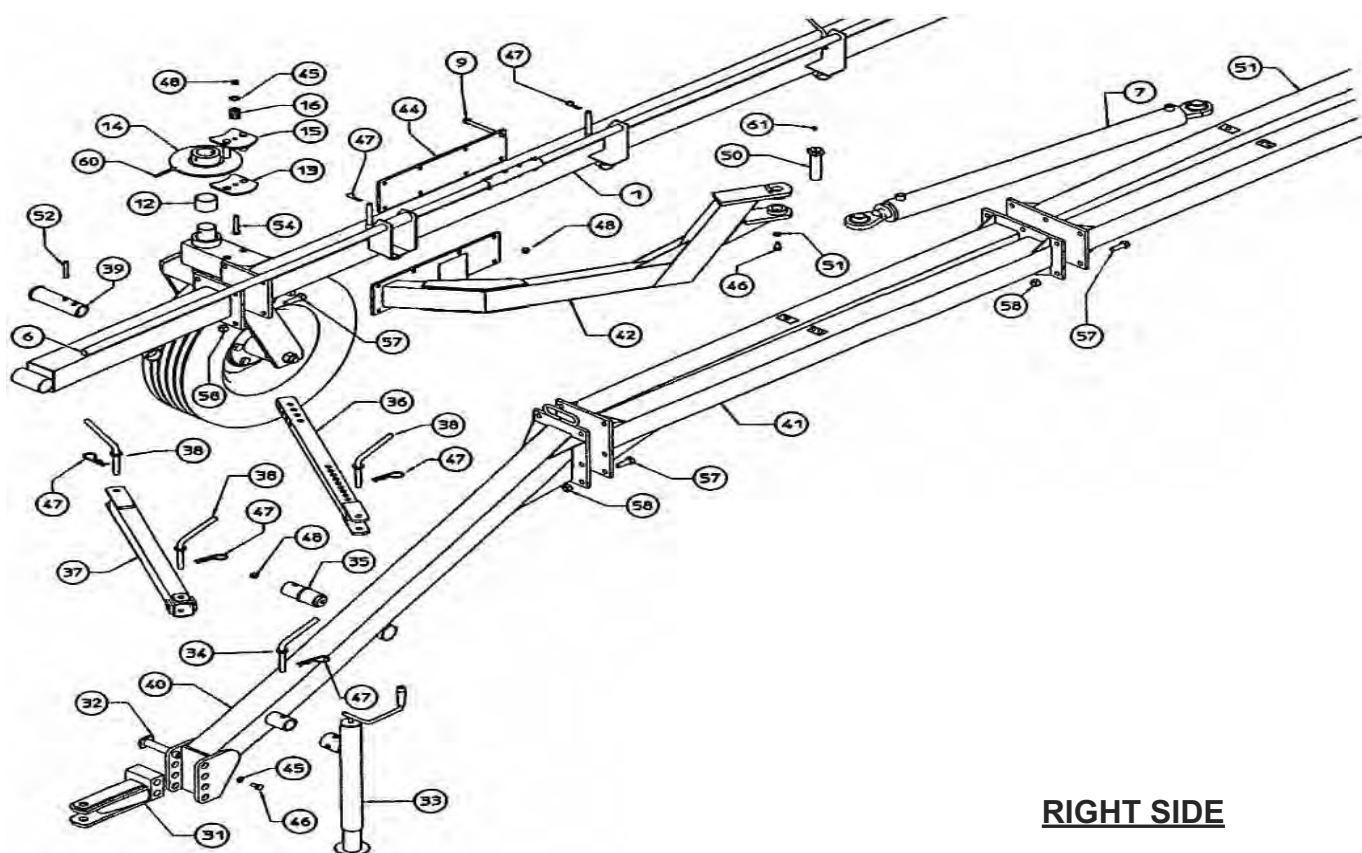
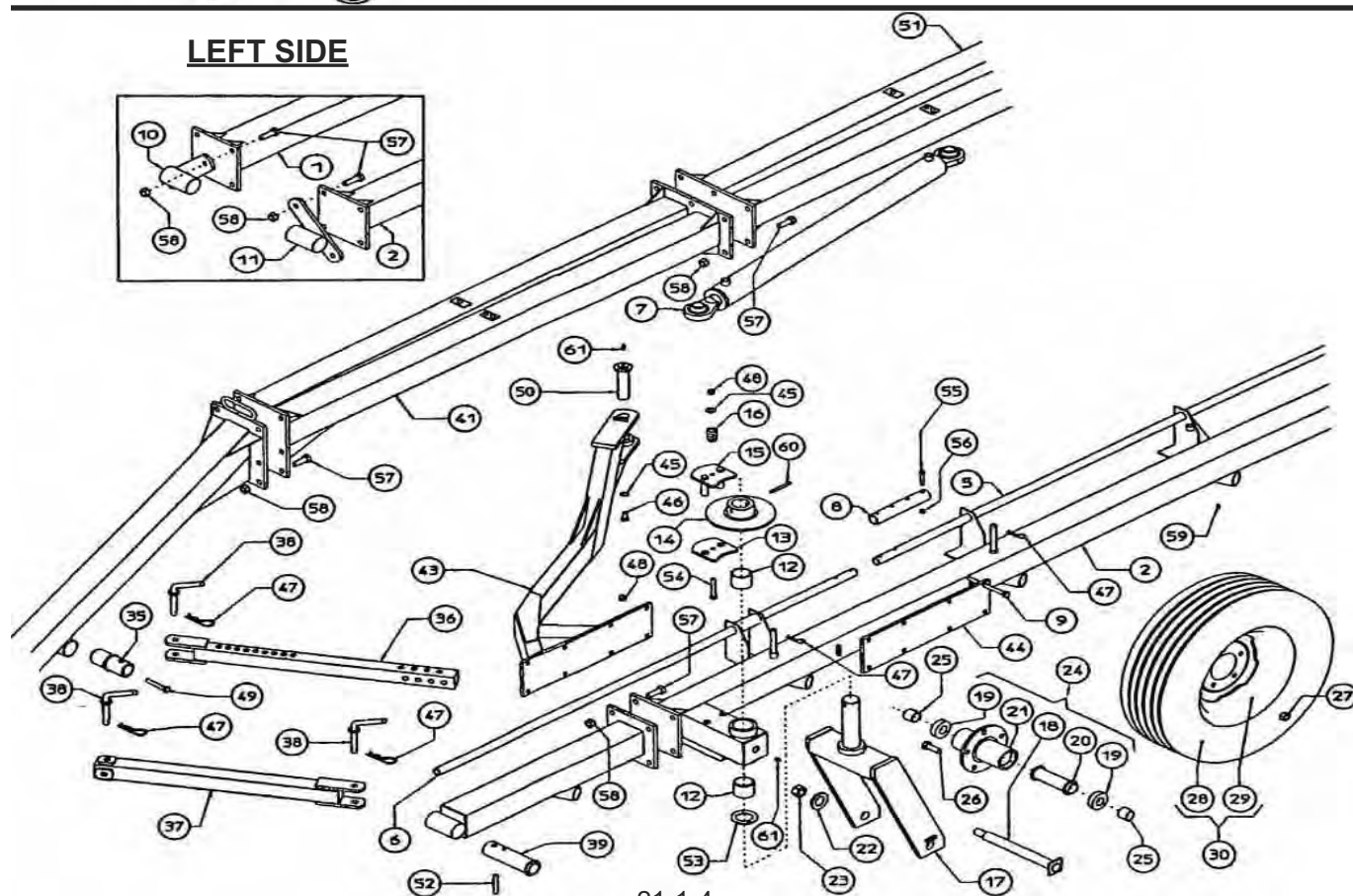
**RIGHT SIDE****LEFT SIDE**

REAR SECTION**MODEL FWR817**

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3660333	Wdmt, Head Nut	2	52	3637505	Flange	8
2	3667534	Cylinder Bracket	2	53	00765676	Nut, Toplock M10-P1.5	160
3	3638400	Hairpin Cotter	9	54	61368C8	Capsc M10-P1.5 x 25	56
4	3667535	Drawbar Counterplate	1	55	00755954	Lockwasher, M10	48
5	2558473	Pin, Roll	4	56	00755949	Nut, Met 10MM-P1.5	52
6	3667536	Pin, Cylinder Spring	2	57	3638406	Nut, Hex Sphr M16 x 1.5	10
7	00755934	Nut	16	58	3660114	Mounted Tire Assy.	2
8	61358C8	Capsc M8 x 1.25 x 25	4	59	3637800	Tire	2
9	3668414	Stud	10	60	3637600	Rim	2
10	3637521	Bushing, Wheel Fork	8	61	3667421	Spring	2
11	3660231	Pin	2	62	3667509	Tie Rod	2
12	3660334	Pin	2	63	3660210	Pin	2
13	N/A	Rear Wheel Support, RH	1	64	3660342	Support	2
14	N/A	Rear Wheel Support, LH	1	65	3660232	Pin	2
15	N/A	Section 1 Wheel, LH	1	66	3637523	Pin, Cylinder	2
16	N/A	Section 1 Wheel, RH	1	67	3668409	Grease Fitting	8
17	3660106	Hub Assembly	2	68	N/A	Cylinder	2
18	3667504	Spindle, Weld-On	2	69	70502	Pin, Cotter	8
19	3666800	Seal	2	70	2568408	Grease Fitting	10
20	3666000	Bearing	2	71	3638400	Hairpin, Cotter	9
21	3667505	Hub	2	72	3660343	Arm, LH	1
22	3666001	Bearing	2	73	3660344	Arm, RH	1
23	3668408	Nut, Spindle	2	74	00765901	Capsc M16-P2.0 x 45	26
24	70487	Pin, Cotter	2	75	3038445	Nut, Toplock M16-P2.0	40
25	3666700	Cap, Hub	2	76	00762395	Capsc M12-P1.75 x 20	12
26	3660339	Center Drawbar	1	77	3668405	Flatwasher, 12 x 40 x 4	4
27	3667506	Bushing	2	78	N/A	Cylinder, RH	1
28	3667537	Main Lift Tube	2		N/A	Cylinder, LH	1
29	3667569	Chain Bushing Clamp	8	79	610716C8	Capsc M12-P1.75 x 140	16
30	3637422	Spring, Extension Arm	8	80	3667538	Counterplate	2
31	3660209	Wheel Arm, LH	4	81	6W235	Capsc M22 x 2.5 x 50	2
32	3630226	Wheel Arm, RH	4	82	3638403	Washer	8
33	3637509	Spindle, Weld-On	8	83	3660345	Rear Drawbar	1
34	3736800	Seal	8	84	610914C8	Capsc M16-P2.0 x 150	16
35	3736000	Bearing	8	85	3668400	Washer	2
36	3637504	Hub, Wheel	8	86	3668407	Flatwasher, 12 x 36 x 2.5	4
37	3736001	Bearing	8	87	3660346	Rear Crosspiece	2
38	700728C	Nut, Castle M8 x 1.5 Low Hex	8	88	3660215	Pin	2
39	70477	Pin, Cotter	8	89	3667539	Plate	4
40	3636700	Cap, Hub	8	90	61054C8	Capsc M8 x 1.25 x 50	12
41	3630100	Hub & Spindle Assy.	8	91	3660347	Tie Rod	2
42	3637520	Bushing, Arm	16	92	00772648	Nut, Toplock M12 x 1.75	18
43	N/A	Section 3 Wheel, LH	1	93	3667540	Pin, Tie Rod	2
44	N/A	Section 3 Wheel, RH	1	94	3667541	Pin, Tie Rod	2
45	703516W	Roll Pin	8	95	6W238	Nut, Hex M12 x 2.5 HE	2
46	3630102	Wheel Assembly, LH	4	96	700219C	Nut, High Hex M12 x 1.75	2
47	3630101	Wheel Assembly, RH	4	97	3660216	Handle	2
48	70631C4	Bolt, Carriage M10 x 1.5 x 25	160	98	3668601	Knob	2
49	3637508	Tine Clamp	80	99	708119C8	Capsc, Soc Hd M12-P1.75 x 100	2
50	3737507	Tine	320	100	3660100	Handle, Complete	2
51	3637506	Rim	8	101	701618C	Lockwasher, M22	2
				102	3668415	Clevis Yoke, Complete	16

FRONT SECTION

MODEL FWR817

**LEFT SIDE**

FRONT SECTION**MODEL FWR817**

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	Section 3 Wheel, RH	1	31	3660267	Tractor Hitch	1
2	N/A	Section 3 Wheel, LH	1	32	3660235	Pin, Hitch	2
5	3667537	Main Lift Tube	2	33	3668617	Parking Stand	1
6	3667515	Front Lift Tube	2	34	3638602	Pin, Frame	1
7	N/A	Hydraulic Cylinder, RH	1	35	3667519	Bushing	2
	N/A	Hydraulic Cylinder, LH	1	36	3660236	Inner Arm	2
8	3667506	Bushing	2	37	3660237	Outer Arm	2
9	610716C8	Capsc M12-P1.75 x 140	16	38	3660238	Pin	6
10	3660221	Transport Arm, RH Hitch	1	39	3660239	Bushing	2
11	3660222	Transport Arm, LH Hitch	1	40	3660348	Front Drawbar	1
12	3637521	Bushing, Wheel Fork	8	41	3660339	Center Drawbar	1
13	3667516	Brake Counterplate	2	42	3660344	Arm, RH	1
14	3630229	Bushing, Clutch	2	43	3660343	Arm, LH	1
15	3660223	Brake	2	44	3667538	Counterplate	2
16	3637423	Spring	2	45	3668405	Flatwasher, 12 x 40 x 4	2
17	3660224	Wheel Support, Front	2	46	00762395	Capsc M12-P1.75-20	12
18	3660225	Pin	2	47	3638400	Hairpin Cotter	9
19	3636003	Bearing	4	48	00772648	Nut, Toplock M12 x 1.75	18
20	3637526	Spacer, Wheel	2	49	61075C8	Capsc M12-P1.75-60	1
21	3637527	Hub, Wheel	2	50	3660231	Pin	2
22	3638409	Washer	2	51	3660345	Rear Drawbar	1
23	700910C	Nut, Toplock M22 x 2.5	2	52	703519W	Roll Pin	2
24	3660108	Hub Assembly	2	53	3668401	Washer	2
25	3667517	Spacer	4	54	610711C8	Capsc M12-P1.75-90	2
26	N/A	Capsc M16 x 1.5 x 40	10	55	61054C8	Capsc M8 x 1.25 x 50	4
27	3638406	Nut, Hex Spkr Cap M16 x 1.5	10	56	00755934	Nut, Met 8MM-P1.25	8
28	3637800	Tire	2	57	00765901	Capsc M16-P2.0-45	26
29	3637600	Rim	2	58	3038445	Nut, Toplock M16-P2.0	40
30	3660114	Mounted Tire Assembly	2	59	3668409	Grease Fitting	8
				60	00756934	Roll Pin	2
				61	2568408	Grease Fitting	10

MODEL FWR1020

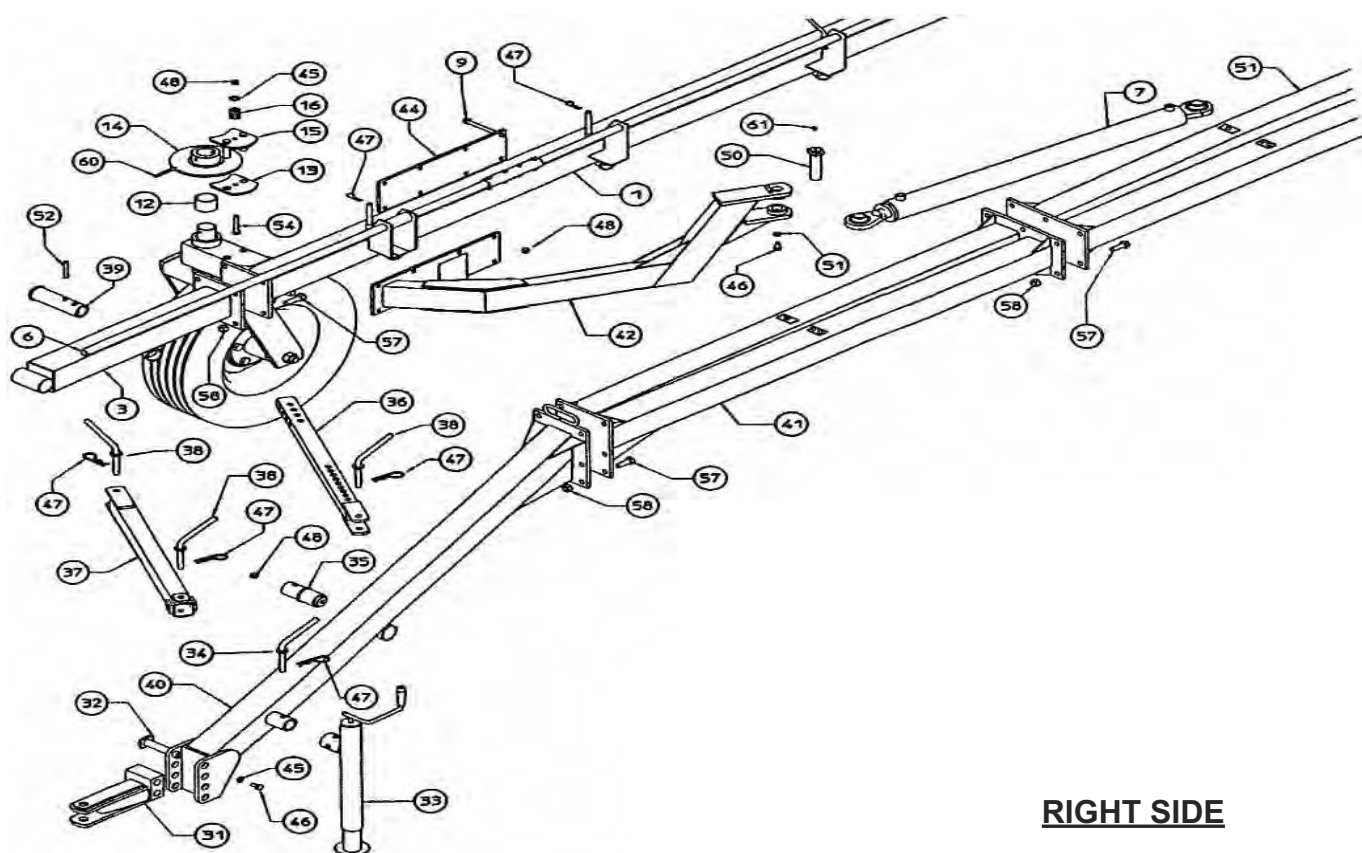
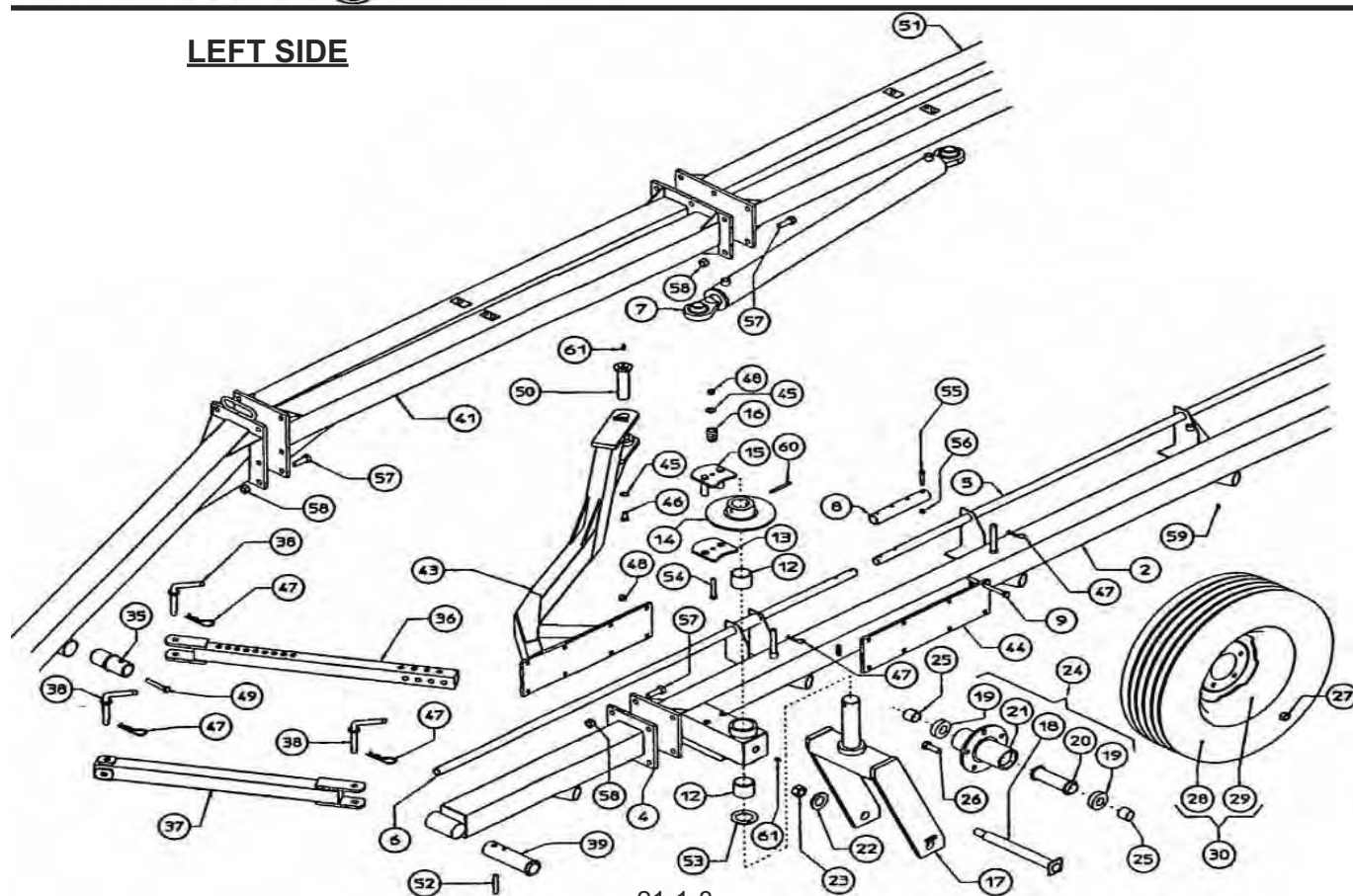


REAR SECTION**MODEL FWR1020**

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3660333	Wdmt, Head Nut	2	52	3637505	Flange	10
2	3667534	Cylinder Bracket	2	53	00765676	Nut, Toplock M10-P1.5	200
3	3638400	Hairpin Cotter	9	54	61368C8	Capsc M10-P1.5 x 25	70
4	3667535	Drawbar Counterplate	1	55	00755954	Lockwasher, M10	60
5	2558473	Pin, Roll	4	56	00755949	Nut, Met 10MM-P1.5	64
6	3667536	Pin, Cylinder Spring	2	57	3638406	Nut, Hex Sphr Cap M16 x 1.5	10
7	00755934	Nut	16	58	3660114	Mounted Tire Assy.	2
8	61358C8	Capsc M8 x 1.25 x 25	4	59	3637800	Tire	2
9	3668414	Stud	10	60	3637600	Rim	2
10	3637521	Bushing, Wheel Fork	8	61	3667421	Spring	2
11	3660231	Pin	2	62	3667509	Tie Rod	2
12	3660334	Pin	2	63	3660210	Pin	2
13	N/A	Rear Wheel Support, RH	1	64	3660342	Support	2
14	N/A	Rear Wheel Support, LH	1	65	3660232	Pin	2
15	N/A	Section 1 Wheel, LH	1	66	3637523	Pin, Cylinder	2
16	N/A	Section 1 Wheel, RH	1	67	3668409	Grease Fitting	10
17	3660106	Hub Assembly	2	68	N/A	Cylinder	2
18	3667504	Spindle, Weld-On	2	69	70502	Pin, Cotter	8
19	3666800	Seal	2	70	2568408	Grease Fitting	10
20	3666000	Bearing	2	71	3638400	Hairpin, Cotter	9
21	3667505	Hub	2	72	3660343	Arm, LH	1
22	3666001	Bearing	2	73	3660344	Arm, RH	1
23	3668408	Nut, Spindle	2	74	00765901	Capsc M16-P2.0 x 45	28
24	70487	Pin, Cotter	2	75	3038445	Nut, Toplock M16-P2.0	44
25	3666700	Cap, Hub	2	76	00762395	Capsc M12-P1.75 x 20	12
26	3660339	Center Drawbar	1	77	3668405	Flatwasher, 12 x 40 x 4	4
27	3667506	Bushing	2	78	N/A	Cylinder, RH	1
28	3667537	Main Lift Tube	2		N/A	Cylinder, LH	1
29	3667569	Chain Bushing Clamp	10	79	610716C8	Capsc M12-P1.75 x 140	16
30	3637422	Spring, Extension Arm	10	80	3667538	Counterplate	2
31	3660209	Wheel Arm, LH	5	81	6W235	Capsc M22 x 2.5 x 50	2
32	3630226	Wheel Arm, RH	5	82	3638403	Washer	10
33	3637509	Spindle, Weld-On	10	83	3660345	Rear Drawbar	1
34	3736800	Seal	10	84	610914C8	Capsc M16-P2.0 x 150	16
35	3736000	Bearing	10	85	3668400	Washer	2
36	3637504	Hub, Wheel	10	86	3668407	Flatwasher, 12 x 36 x 2.5	4
37	3736001	Bearing	10	87	3660346	Rear Crosspiece	2
38	700728C	Nut, Castle M8 x 1.5 Low Hex	10	88	3660215	Pin	2
39	70477	Pin, Cotter	10	89	3667539	Plate	4
40	N/A	Cap, Hub	10	90	61054C8	Capsc M8 x 1.25 x 50	12
41	3630100	Hub & Spindle Assy.	10	91	3660347	Tie Rod	2
42	3637520	Bushing, Arm	20	92	00772648	Nut, Toplock M12 x 1.25	18
43	N/A	Section 3 Wheel, LH	1	93	3667540	Pin, Tie Rod	2
44	N/A	Section 3 Wheel, RH	1	94	3667541	Pin, Tie Rod	2
45	703516W	Roll Pin	10	95	6W238	Nut, Hex M12 x 2.5 HE	2
46	3630102	Wheel Assembly, LH	5	96	700219C	Nut, High Hex M12 x 1.75	2
47	3630101	Wheel Assembly, RH	5	97	3660216	Handle	2
48	70631C4	Bolt, Carriage M10 x 1.5 x 25	200	98	3668601	Knob	2
49	3637508	Tine Clamp	100	99	708119C8	Capsc, Soc Hd M12-P1.75 x 100	2
50	3737507	Tine	400	100	3660100	Handle, Complete	2
51	3637506	Rim	10	101	701618C	Lockwasher, M22	2
				102	3668415	Clevis Yoke, Complete	20

FRONT SECTION

MODEL FWR1020

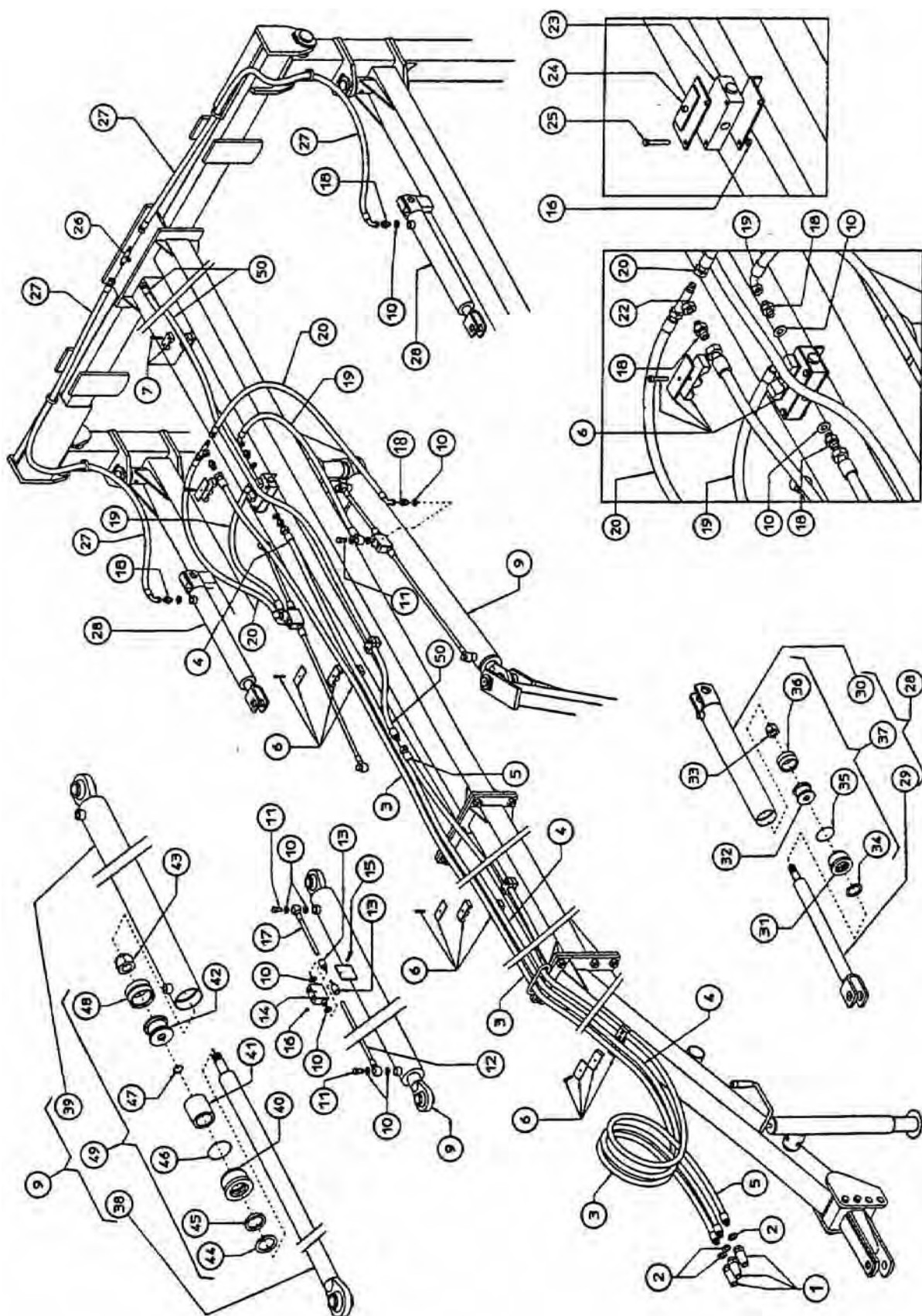
**LEFT SIDE**

FRONT SECTION**MODEL FWR1020**

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	Section 3 Wheel, RH	1	32	3660235	Pin, Hitch	2
2	N/A	Section 3 Wheel, LH	1	33	3668617	Parking Stand	1
3	N/A	Section 1 Wheel, RH	1	34	3638602	Pin, Frame	1
4	N/A	Section 1 Wheel, LH	1	35	3667519	Bushing	2
5	3667537	Main Lift Tube	2	36	3660236	Inner Arm	2
6	3667527	Front Lift Tube	2	37	3660237	Outer Arm	2
7	N/A	Hydraulic Cylinder, RH	1	38	3660238	Pin	6
	N/A	Hydraulic Cylinder, LH	1	39	3660239	Bushing	2
8	3667506	Bushing	2	40	3660348	Front Drawbar	1
9	610716C8	Capsc M12-P1.75 x 140	16	41	3660339	Center Drawbar	1
12	3637521	Bushing, Wheel Fork	8	42	3660344	Arm, RH	1
13	3667516	Brake Counterplate	2	43	3660343	Arm, LH	1
14	3630229	Bushing, Clutch	2	44	3667538	Counterplate	2
15	3660223	Brake	2	45	3668405	Flatwasher, 12 x 40 x 4	2
16	3637423	Spring	2	46	00762395	Capsc M12 x P1.75-20	12
17	3660224	Wheel Support, Front	2	47	3638400	Hairpin Cotter	9
18	3660225	Pin	2	48	00772648	Nut, Toplock M12 x 1.75	18
19	3636003	Bearing	4	49	61075C8	Capsc M12-P1.75-60	1
20	3637526	Spacer, Wheel	2	50	3660231	Pin	2
21	3637527	Hub, Wheel	2	51	3660345	Rear Drawbar	1
22	3638409	Washer	2	52	703519W	Roll Pin	2
23	700910C	Nut, Toplock M22 x 2.5	2	53	3668401	Washer	2
24	3660108	Hub Assembly	2	54	610711C8	Capsc M12-P1.75-90	2
25	3667517	Spacer	4	55	61054C8	Capsc M8 x 1.25 x 50	12
26	N/A	Capsc M16 x 1.5 x 40	10	56	00755934	Nut, Met 8MM-P1.25	16
27	3638406	Nut, Hex Sphr Cap M16 x 1.5	10	57	00765901	Capsc M16-P2.0-45	28
28	3637800	Tire	2	58	3038445	Nut, Toplock M16-P2.0	44
29	3637600	Rim	2	59	3668409	Grease Fitting	10
30	3660114	Mounted Tire Assembly	2	60	00756934	Roll Pin	2
31	3660267	Tractor Hitch	1	61	2568408	Grease Fitting	10

HYDRAULIC KIT

MODELS FWR817, FWR1020

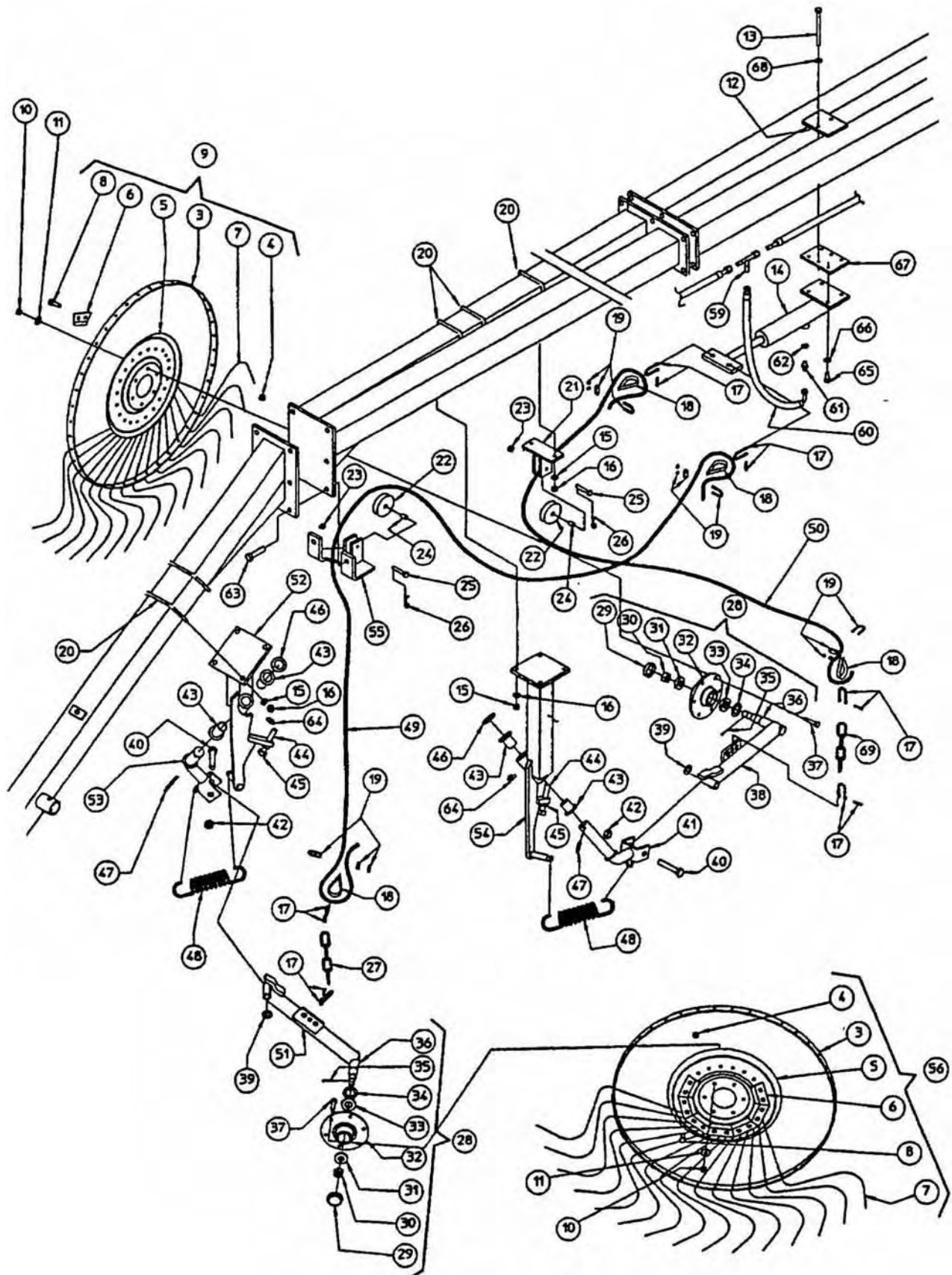


HYDRAULIC KIT**MODELS FWR817, FWR1020**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3637102	Male Coupling Tip	3
2	3638408	Washer, Copper 1/2 ID	3
3	3667214	Hydraulic Hose	1
4	3667229	Hydraulic Hose	1
5	3667230	Hydraulic Hose	1
6	3668412	Double Hose Collar	4
7	3668403	Hose Collar	4
9	N/A	Hydraulic Cylinder, RH	1
	N/A	Hydraulic Cylinder, LH	1
10	3638404	Washer, Copper 17 x 22 x 1.4	23
11	3637100	Fitting, Hydraulic	6
12	3667156	Line, Hydraulic	2
13	N/A	Fitting, Hydraulic	4
14	3667109	Lock Valve	2
15	613313C8	Capsc M6-P1.0-40	2
16	70092C	Nut, Toplock M6-P1.0	4
17	3667103	Line, Hydraulic	2
18	3667105	Fitting, Hydraulic	8
19	3667203	Hose	2
20	3667204	Hose	2
22	3667107	Fitting, Hydraulic Tee	1
23	3667110	Flow Divider	1
24	3660291	Plate	1
25	613317C8	Capsc M6-P1.0-60	2
26	3667108	Hydraulic Tee	1
27	3667205	Hose	2
28	N/A	Cylinder, Hydraulic	2
29	3667111	Rod, Cylinder	2
30	N/A	Tube, Cylinder	2
31	3667113	Head, Cylinder	2
32	3667114	Piston, Cylinder	2
33	3667115	Nut, Cylinder	2
34	N/A	Gasket	2
35	N/A	Gasket	2
36	N/A	Gasket	2
37	3667116	Seal Kit (Includes Gaskets Items 34-36)	2
38	3667157	Rod, Cylinder	2
39	3667158	Cylinder Tube, RH	1
	3667163	Cylinder Tube, LH	1
40	3667159	Head, Cylinder	2
41	3667160	Spacer, Cylinder	2
42	3667121	Piston, Cylinder	2
43	3667140	Nut, Cylinder	2
44	N/A	Gasket	2
45	N/A	Gasket	2
46	N/A	Gasket	2
47	N/A	Gasket	2
48	N/A	Gasket	2
49	3667161	Seal Kit (Includes Gaskets Items 44-48)	2
50	3667231	Hose	1

HYDRAULIC LIFT - CENTER WHEEL KIT (OPTION)

MODELS FWR817, FWR1020



HYDRAULIC LIFT - CENTER WHEEL KIT (OPTION)**MODELS FWR817, FWR1020**

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
3	N/A	Rim	2	38	3660293	Arm	1
4	00765676	Nut, Toplock M10-P1.5	40	39	701516C	Flatwasher, M18	2
5	3637505	Flange	2	40	61107C8	Capsc M18-P2.5-100	2
6	3637508	Tine Clamp	20	41	3660294	Bracket	1
7	3667522	Tine	80	42	70098C	Nut, Toplock M18 x 2.5	2
8	70631C4	Bolt, Carrig M10 x 1.5 x 25	40	43	3637520	Bushing, Arm	4
9	3660103	Wheel Assy. - LH	1	44	61075C8	Capsc M12-P1.75 x 60	2
10	00755949	Nut, Met 10MM-P1.5	12	45	700219C	Nut, High Hex M12 x 1.75	2
11	00755954	Lockwasher, M10	12	46	3638403	Washer	2
12	3667542	Counterplate	1	47	703516W	Roll Pin	2
13	610912C8	Capsc M16-P2.0 x 130	2	48	3667422	Spring	2
14	3667141	Lift Cylinder	1	49	N/A	Cable, Lift	1
15	701513C	Flatwasher, M12	6	50	N/A	Cable, Lift	1
16	00772648	Nut, Toplock M12 x 1.75	12	51	3660295	Arm	1
17	3668415	Clevis Yoke	6	52	N/A	Bracket	1
18	3668416	Thimble	4	53	3660297	Bracket	1
19	3668417	Clamp, Cable	8	54	N/A	Bracket	1
20	3668418	U-Bolt	5	55	N/A	Pulley Bracket	1
21	3660292	Pulley Bracket	1	56	3660102	Wheel Assy. - RH	1
22	3668614	Pulley	2	59	3667162	Fitting, Hyd. Tee	1
23	00772648	Nut, Toplock M12 x 1.75	2	60	N/A	Cylinder Hose	1
24	3667529	Bushing	2	61	3667105	Hyd. Fitting	1
25	3668419	Bolt W/Hole	2	62	3638404	Washer	1
26	3638400	Hairpin Cotter	2	63	02967543	Capsc M16-P2.0-60	2
27	N/A	Chain	1	64	3668409	Grease Fitting	2
28	3660109	Hub Assembly	2	65	61377C8	Capsc M12 x 1.75 x 30	4
29	N/A	Cap, Hub	2	66	701613C	Lockwasher, M12	4
30	700728C	Nut, Castle M8 x 1.5	2	67	3667543	Plate	1
31	3736001	Bearing	2	68	701615C	Lockwasher, M16	2
32	3637504	Hub, Wheel	2	69	3666255	Chain	1
33	3736000	Bearing	2		3667114	Piston, Cylinder	1
34	3736800	Seal	2		3667115	Nut, Cylinder	1
35	70477	Cotter Pin	2		3667142	Kit, Seal	1
36	3660245	Spindle	2		3667148	Rod, Cylinder	1
37	61368C8	Capsc M10-P1.5 x 25	12		3667149	Tube, Cylinder	1
					3667150	Head, Cylinder	1

MODEL FWR1223



LEFT SIDE

This diagram illustrates the left side of a vehicle chassis, showing the frame, suspension, steering, and wheels. The components are numbered for identification:

- Frame:** 4, 84, 89, 88, 70, 10, 14, 77, 16, 61, 56, 45, 82, 67, 43, 74, 42, 3, 67, 79, 80, 28, 27, 90, 72, 76, 77, 41, 34, 35, 36, 37, 38, 40, 54, 55, 56, 70, 71, 72, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 86

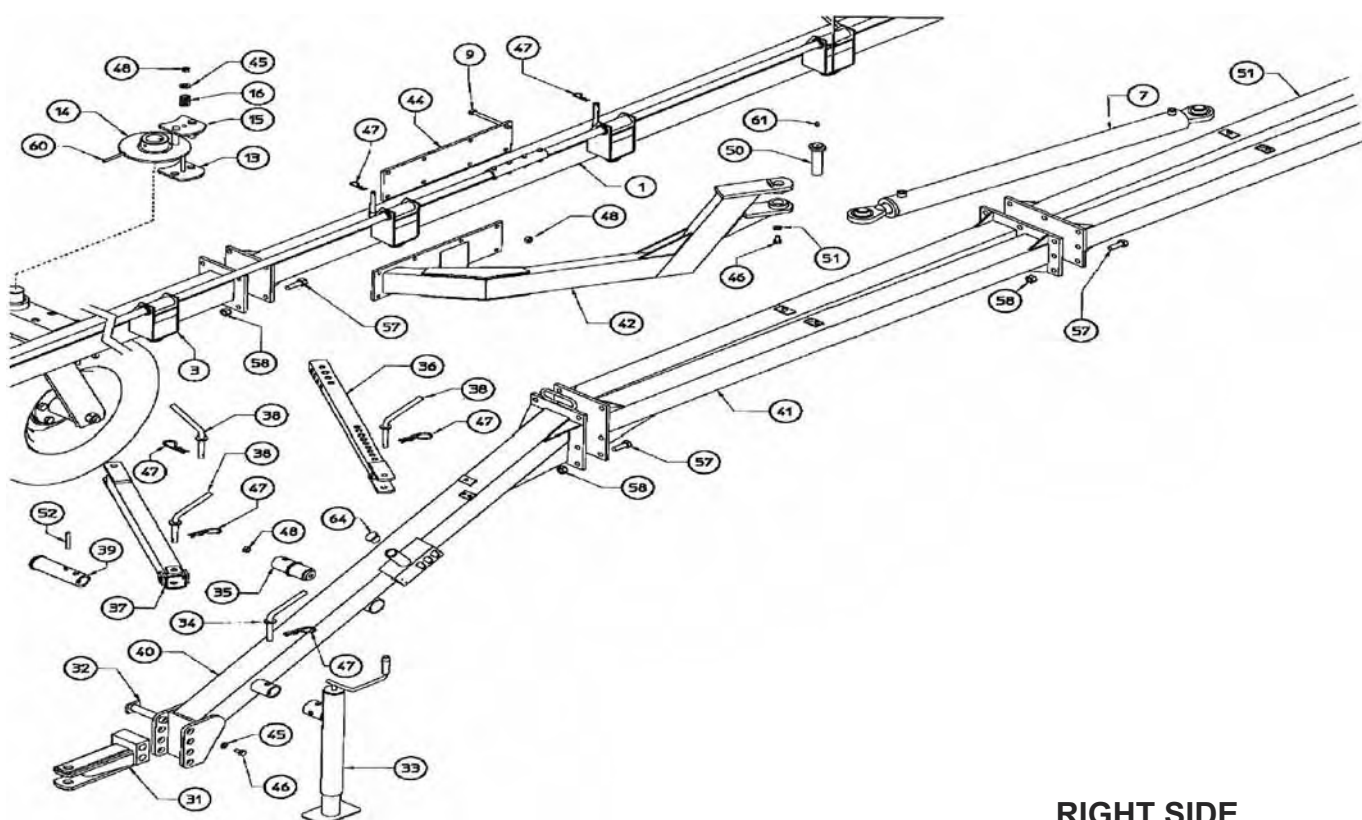
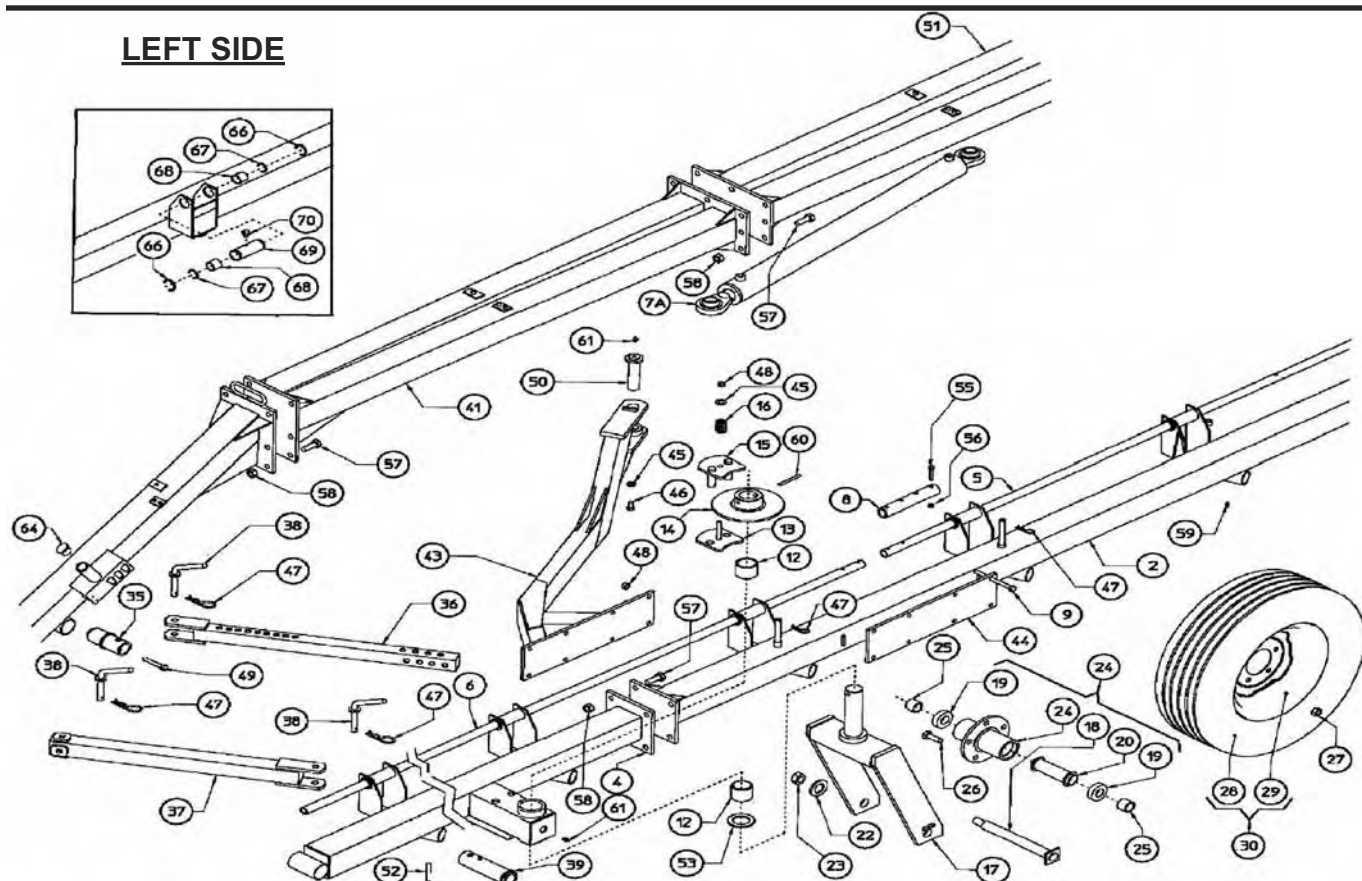
REAR SECTION

MODEL FWR1223

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3660333	Wdmt,Head Nut	2	54	61368C8	Capsc M10 x 1.5 x 25	82
2	3667534	Bracket,Cylinder	2	55	00755954	Lockwasher M10	72
3	3638400	Hairpin Cotter, M3	9	56	00755949	Nut Metric 10MM-P1.5 PI	76
4	3667535	Plate,Drawbar Counter	1	57	3638406	Nut, Hex Sphr Cap M16 x 1.5	10
5	2558473	Pin,Roll M5 X 36	4	58	3660114	Asy,Mounted Tire	2
6	3667536	Pin,Cylinder Spring	2	59	3667800	Tire, 195/65 - R15	2
7	70093C	Nut, Toplock M8 x 1.25	16	60	3637600	Rim-15	2
8	61358C8	Capsc M8 x 1.25 x 25	4	61	3667421	Spring	2
9	3668414	Stud,Wheel Hub	10	62	3667509	Rod,Tie	2
10	3637521	Wheel Fork Bushing	8	63	3660382	Wdmt,Pin	2
11	3660231	Wdmt,Pin	2	64	3690214	Wdmt,Support	2
12	3660334	Wdmt,Pin	2	65	3660232	Wdmt,Pin	2
13	N/A	Wdmt,Rh Rear Wheel Support	1	66	3637523	Cylinder Pin	2
14	N/A	Wdmt,LH Rear Wheel Support	1	67	3668409	Fitting,Grease M6 X 1 45DG	12
15	3690211	Wdmt,LH 1-Whl Section	1	68	N/A	Cylinder,Hydraulic	2
16	3690210	Wdmt,RH 1-Whl Section	1	69	70502	Pin, Cotter M6.3 x 36	8
17	3660106	Asy,Hub	2	70	2568408	Grease Zerk, M8	10
18	3667504	Spindle,Weld-On	2	71	3638400	Hairpin Cotter, M3	9
19	3666800	Seal	2	72	3660343	Wdmt,LH Arm	1
20	3666000	Bearing,Inner	2	73	3660344	Wdmt,RH Arm	1
21	3667505	Hub,Wheel	2	74	00765901	Capsc M16-P2.0-45	28
22	3666001	Bearing,Outer	2	75	3038445	Nut,Toplock Metric 16-P2.0 PI5	44
23	3668408	Nut,Spindle	2	76	00762395	Capsc M12-P1.75-140	12
24	70487	Pin, Cotter M4 x 40	2	77	3668405	Washer,Flat 12 X 40 X 4	4
25	3666700	Cap,Hub	2	78	3697100	Cylinder,RH Hydraulic	1
26	3690285	Wdmt,Center Drawbar	1	78A	3697101	Cylinder,LH Hydraulic	1
27	3667567	Bushing	2	79	610716C8	Capsc M12-P1.75-140	16
28	3667581	Tube,Main Lift	2	80	3667538	Plate,Counter	2
29	3667569	Clamp,Chain Bushing	12	81	6W235	Capsc M22 x 2.5 x 50	2
30	3637422	Extension Arm Spring	12	82	3638403	Washer	12
31	3660209	Wdmt,LH Wheel Arm	6	83	3690288	Wdmt,Rear Drawbar	1
32	3630226	Wdmt,RH Wheel Arm	6	84	N/A	Capsc M16-P2.0-165	16
33	3637509	Weld-On Spindle	8	85	3668400	Washer	2
34	3736800	Seal, 25 X 52..	8	86	3668407	Washer,Flat 12 X 36 X 2.5	4
35	3736000	Inner Tapered Bearing Set	8	87	N/A	Wdmt,Rear Crosspiece	2
36	3637504	Wheel Hub	8	88	3660215	Wdmt,Pin	2
37	3736001	Outer Tapered Bearing Set	8	89	3667539	Plate	4
38	700728C	Nut, Castle M8 x 1.5 Low Hex	8	90	61056C8	Capsc M8 x 1.25 x 60	12
39	70477	Pin, Cotter M3.2 x 32	8	91	3660347	Wdmt,Tie Rod	2
40	3736700	Hub Cap	8	92	00772648	Nut,Hex Top Lock-M12 X 1.75	18
41	3630100	Asy,Hub & Spindle	8	93	3667540	Pin,Tie Rod	2
42	3637520	Arm Bushing	24	94	N/A	Pin	2
43	3690287	Wdmt,LH 3-Whl Section	1	95	6W238	Hex Nut M22 X 2.5	2
44	3690286	Wdmt,RH 3-Whl Section	1	96	700219C	Nut, High Hex M12 x 1.75	2
45	703516W	Pin, Roll M8 x 50	12	97	3660216	Wdmt,Handle	2
46	3630102	Asy,LH Wheel	6	98	3668601	Knob	2
47	3630101	Asy,RH Wheel	6	99	708119C8	Capsc, Soc Hd M12-P1.75-100	2
48	70631C4	Bolt, Carrig M10 x 1.5 x 25	240	100	3660100	Asy,Handle	2
49	3637508	Tine Clamp	120	101	701618C	Lockwasher, M22	2
50	3737507	Wheel Rake Tine	480	102	3668415	Yoke,Clevis-Complete	12
51	3637506	Rim	12	103	001465	Grease Fitting,Straight,M6	2
52	3637505	Flange	12	105	00754565	Capsc, Soc Hd M12 x 1.75 x 35	2
53	00765676	Nut Metric 10MM Self-Locking	240				

FRONT SECTION

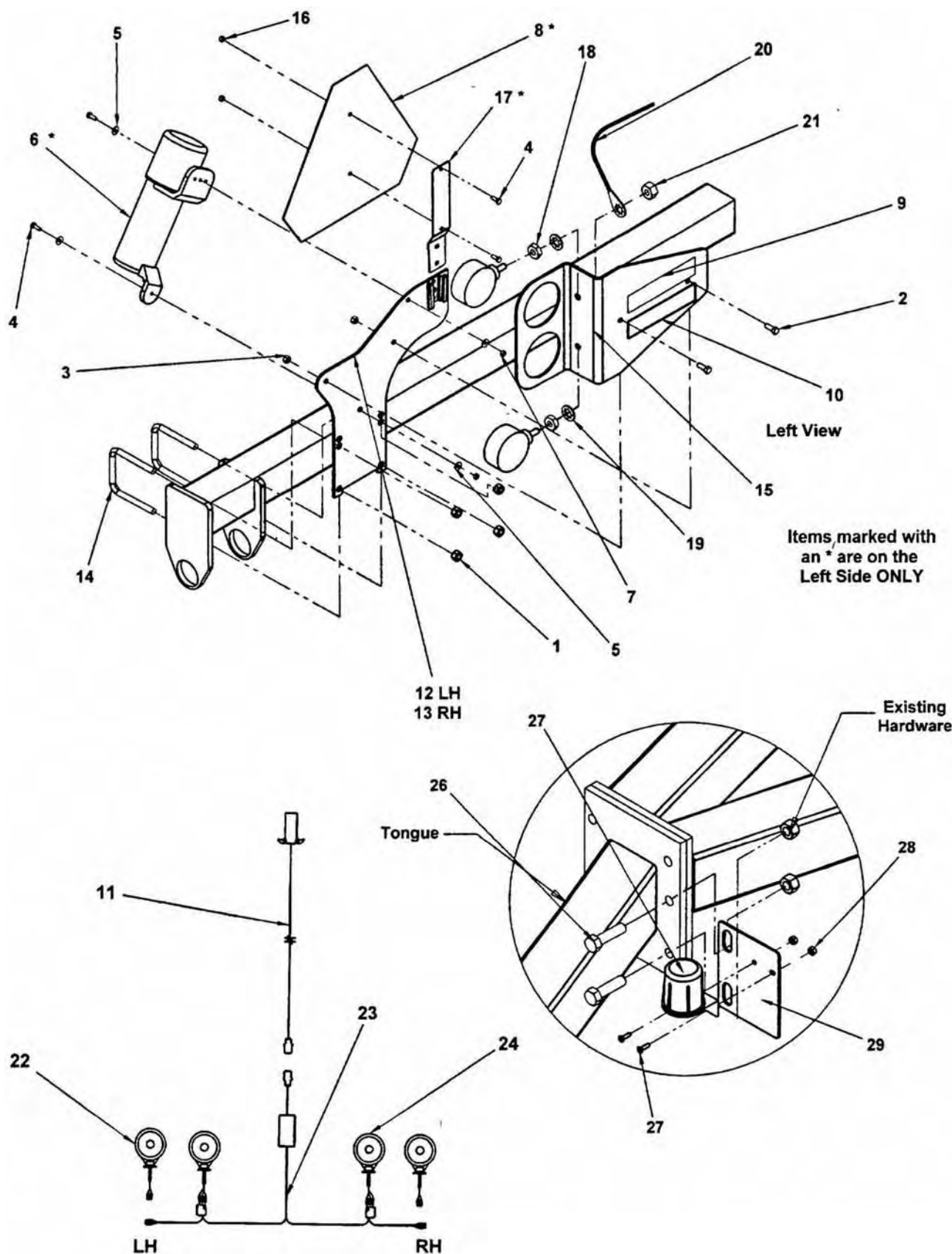
MODEL FWR1223

**RIGHT SIDE****LEFT SIDE**

FRONT SECTION

MODEL FWR1223

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3690286	Wdmt,RH 3-Whl Section	1	36	3660236	Wdmt,Inner Arm	2
2	3690287	Wdmt,LH 3-Whl Section	1	37	3660237	Wdmt,Outer Arm	2
3	3690289	Wdmt,RH 2-Whl Section	1	38	3660238	Wdmt,Pin	6
4	3690290	Wdmt,LH 2-Whl Section	1	39	3660239	Wdmt,Bushing	2
5	3667581	Tube,Main Lift	2	40	3660348	Wdmt,Front Drawbar	1
6	3697545	Tube,Front Lift	2	41	3690285	Wdmt,Center Drawbar	1
7	3697100	Cylinder,RH Hydraulic	1	42	3660344	Wdmt,RH Arm	1
7A	3697101	Cylinder,LH Hydraulic	1	43	3660343	Wdmt,LH Arm	1
8	3667567	Bushing	2	44	3667538	Plate,Counter	2
9	610716C8	Capsc M12-P1.75-140	16	45	3668405	Washer,Flat 12 X 40 X 4	2
12	3637521	Wheel Fork Bushing	8	46	00762395	Capsc M12-P1.75-20	12
13	3660326	Wdmt,Brake Counter Plate	2	47	3638400	Hairpin Cotter, M3	9
14	3630229	Clutch Bushing Weldment	2	48	00772648	Nut Metric 12MM-P1.75 Gr.8.8	18
15	3660223	Wdmt,Brake	2	49	61075C8	Capsc M12-P1.75-60	1
16	3637423	Compression Spring	2	50	3660231	Wdmt,Pin	2
17	3660224	Wdmt,Front Wheel Support	2	51	3690288	Wdmt,Rear Drawbar	1
18	3660225	Wdmt,Pin	2	52	703519W	Pin,Roll M8 X 70MM PI	2
19	3636003	Bearing,Ball Two Rubber Seals	4	53	3668401	Washer	2
20	3637526	Wheel Spacer	2	55	61056C8	Capsc M8 x 1.25 x 60	12
21	3637527	Wheel Hub	2	56	70093C	Nut, Toplock M8 x 1.25	16
22	3638409	Washer	2	57	00765901	Capsc M16-P2.0-45	28
23	700910C	Nut, Toplock M22 x 2.5	2	58	3038445	Nut,Toplock Metric 16-P2.0 PI5	44
24	3660108	Asy,Hub	2	59	3668409	Fitting,Grease M6 X 1 45DG	10
25	3667517	Spacer	4	60	00756934	Pin,Roll 10 X 80	2
26	N/A	Capsc M16 x 1.5 x 40	10	61	2568408	Grease Zerk, M8	10
27	3638406	Nut, Hex Sphr Cap, M16 x 1.5	10	64	N/A	Plug	1
28	3667800	Tire, 195/65 - R15	2	66	3668430	Ring,External Snap	24
29	3637600	Rim-15	2	67	3668431	Ring,Internal Elastic	24
30	3660114	Asy,Mounted Tire	2	68	3666776	Bushing,Nylon	24
31	3660267	Wdmt,Tractor Hitch	1	69	3667572	Bushing	24
32	3660235	Wdmt,Hitch Pin	2	70	3668409	Fitting,Grease M6 X 1 45DG	24
33	N/A	Stand, Parking	1				
34	3638602	Frame Pin	1				
35	3667518	Plate	2				

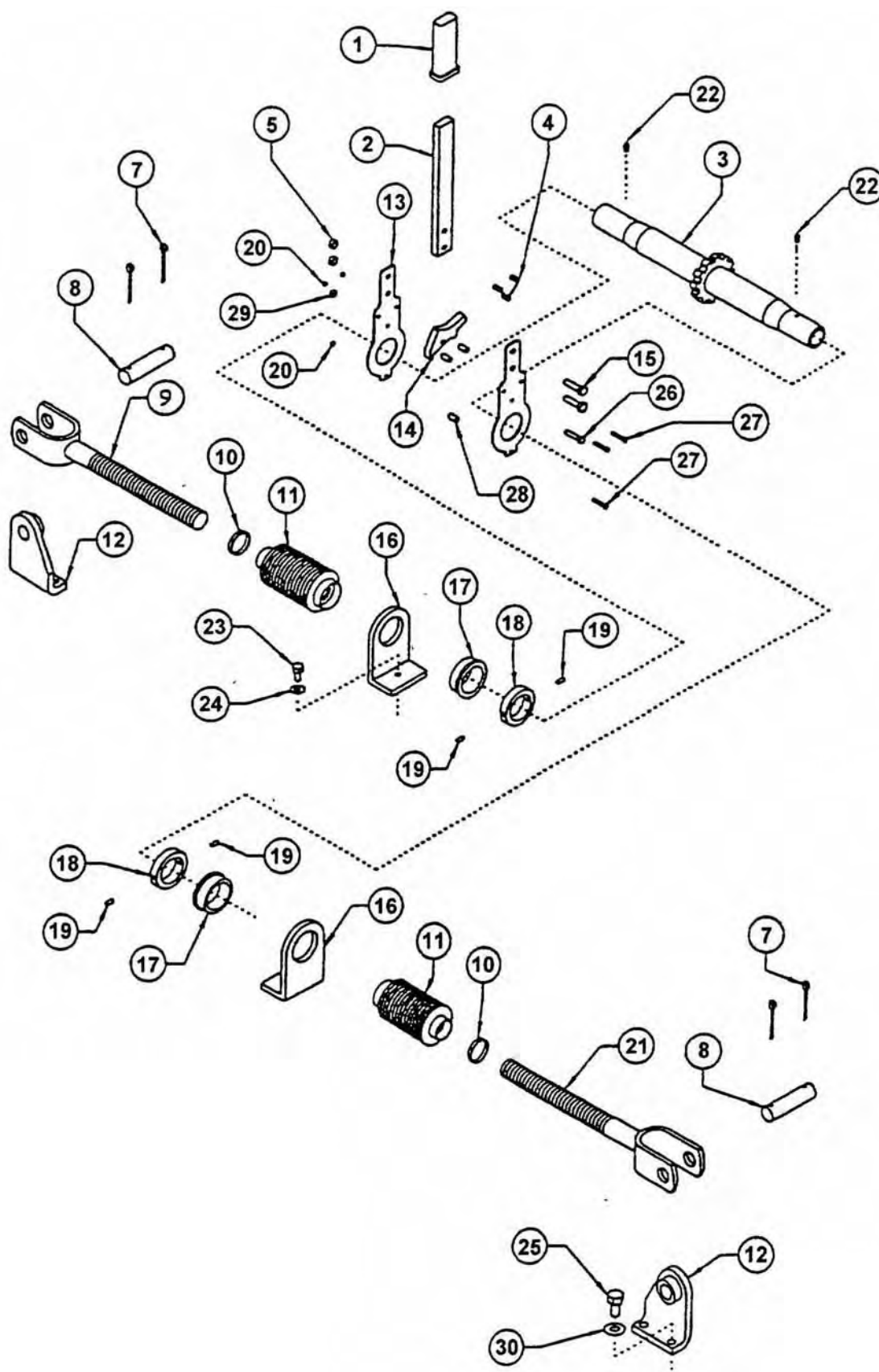
LIGHT KIT**MODELS FWR817, FWR1020, FWR1223**

LIGHT KIT**MODELS FWR817, FWR1020, FWR1223**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	9161600	Locknut, 1/2	8
2	19100BH	Capsc, 3/8 x 3/4	4
3	9131200	Locknut, 3/8	4
4	1160806	Capsc, 1/4 x 3/4	2
5	15918BH	Flatwasher, 1/4	4
6	00776031	Canister, Parts Manual	1
7	15608	Locknut, 1/4	2
8	03200347	SMV Emblem	1
9	1458392	Red Reflector	2
10	1458398	Orange Reflector	2
11	2467909	Harness, Main Wiring	1
12	3660353	SMV Bracket	1
13	3661600	Bracket, Light Support	1
14	3668434	U-Bolt	4
15	3831611	Bracket, Light Housing	2
16	15608	Locknut, 1/4	2
17	2438621	Spade Bracket, SMV Mounting	1
18	N/A	Nut, Hex Jam 1/2-20	4
19	N/A	Lockwasher, 1/2 Int Tooth	4
20	N/A	Ground Wire	4
21	N/A	Nut, 1/2 NF Hex	4
22	2467900	Dual Signal Lamp	2
23	2467910	Harness, Wishbone	1
24	2467901	Dual Signal Lamp	1
25	2467903	Holder, 7-Way Connector Plug	1
26	50021775	Capsc M16 x 2.0 x 60	2
27	N/A	Screw, Slit Pan Hd Mach #10 x 3/4	2
28	44520BH	Locknut, #10	2
29	3661880	Plate, Socket Mount	1

REAR MANUAL OPENING KIT

MODELS FWR817, FWR1020, FWR1223

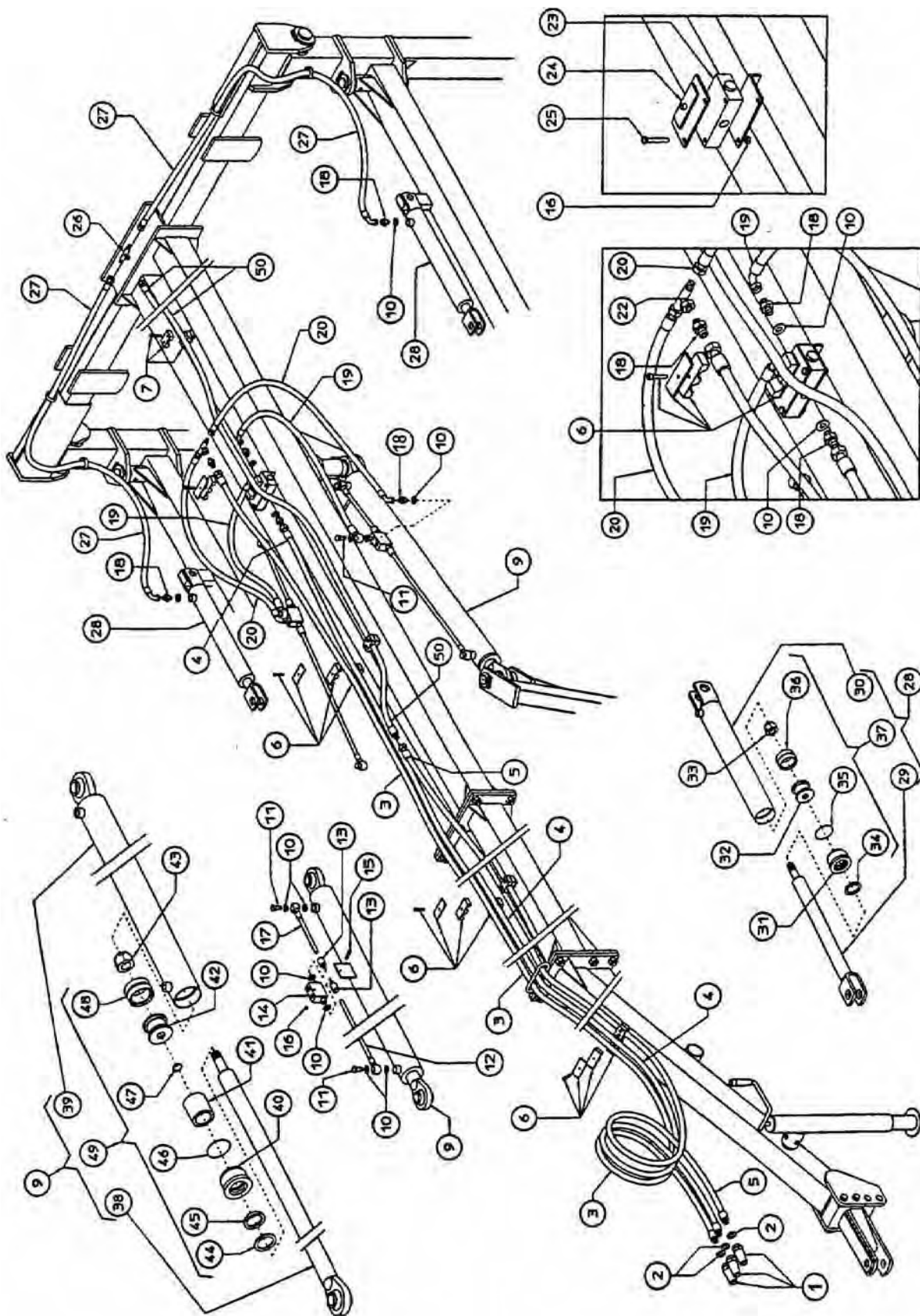


REAR MANUAL OPENING KIT**MODELS FWR817, FWR1020, FWR1223**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	Cover, Lever	1
2	N/A	Lever, Ratchet	1
3	N/A	Ratchet Tube	1
4	N/A	Spring, Hook	1
5	00755934	Nut, Met 8MM-P1.25	2
6	701614C	Lockwasher, M14	4
7	70502	Pin, Cotter	4
8	3667565	Pin	2
9	N/A	RH Ratchet Screw	1
10	N/A	Ring, Clamp	2
11	3668701	Cover, Shield	2
12	N/A	Support, Ratchet Jack	2
13	N/A	Lever Support Plate	2
14	N/A	Locking Hook Plate	1
15	613510C8	Capsc M8 x 1.25 x 30	2
16	3667566	Support, Ratchet Tube	2
17	N/A	Nylon Bushing	2
18	N/A	Lock Collar	2
19	N/A	Roll Pin	4
20	N/A	Nut, Toplock M4-P0.70	3
21	N/A	LH Ratchet Screw	1
22	001465	Grease Fitting	2
23	61368C8	Capsc M10-P1.5-25	2
24	00755954	Lockwasher, M10	2
25	61383C8	Capsc M14-P2.0-25	4
26	61339C8	Capsc M6 x 1.0 x 25	1
27	N/A	Capsc M4 x 0.70 x 25	3
28	3667564	Bushing	3
29	70092C	Nut, Toplock M6-P1.0	1
30	701614C	Lockwasher, M14	4

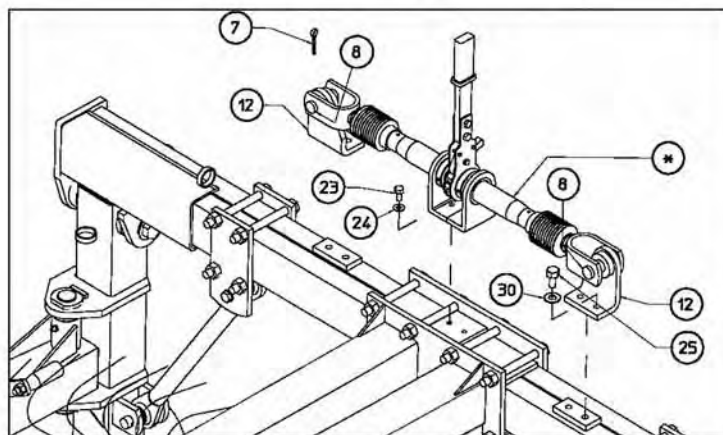
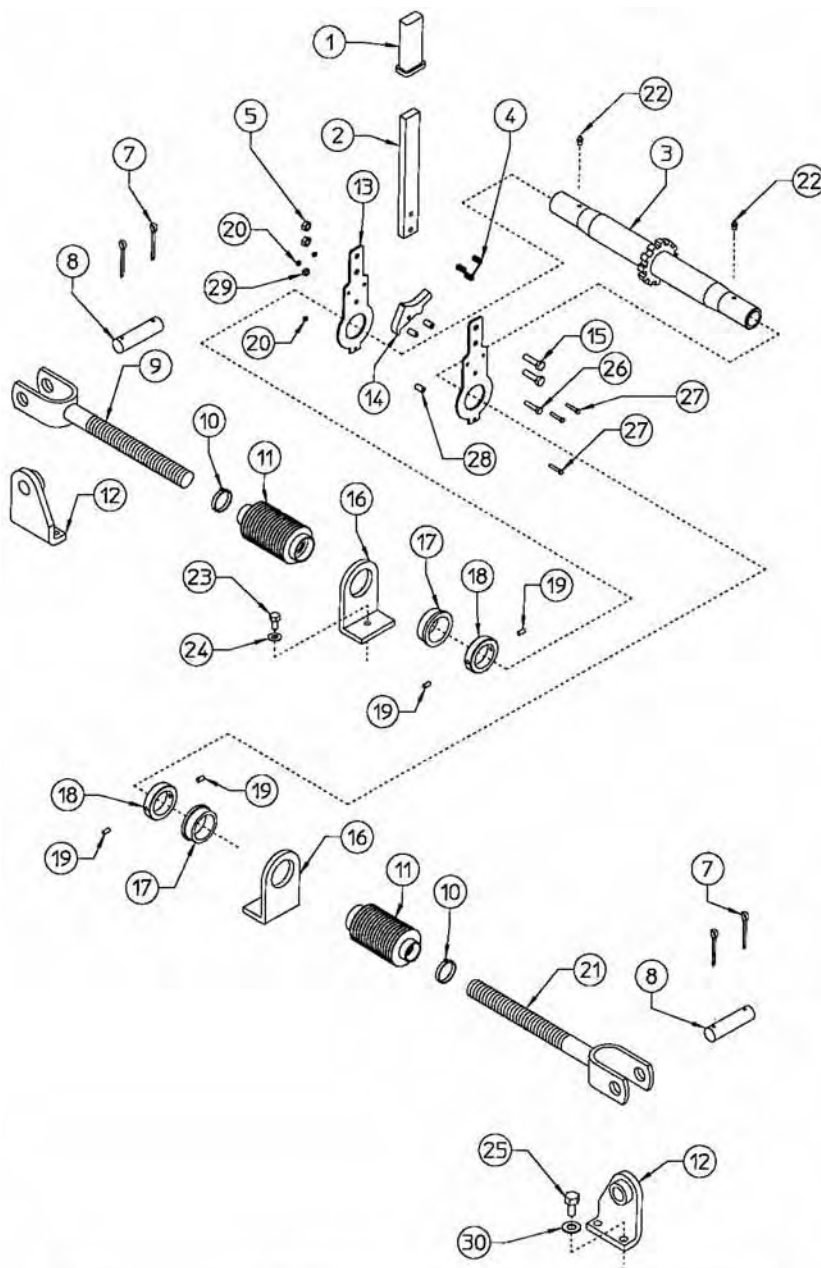
HYDRAULIC KIT ASSEMBLY

MODEL FWR1223



HYDRAULIC KIT ASSEMBLY**MODEL FWR1223**

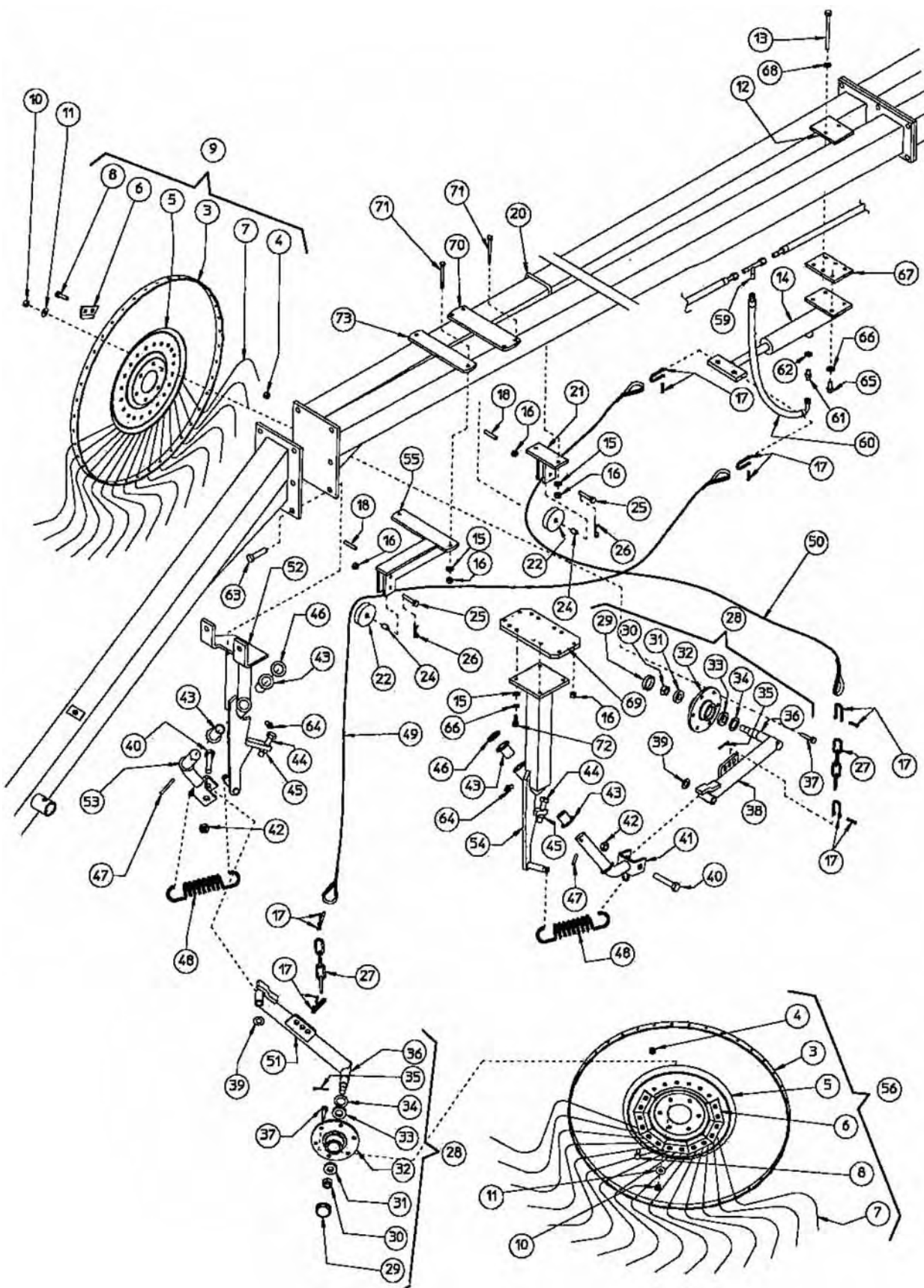
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	3637102	Male Coupling Tip	3
2	3638408	Washer, Copper 1/2 ID	3
3	3667251	Asy,Hyd.Hose	1
4	3667252	Asy,Hyd.Hose	1
5	3667230	Asy,Hyd. Hose	1
6	3668412	Collar,Double Hose	4
7	3668403	Collar,Hose	4
9	3697100	Cylinder,RH Hydraulic	1
9a	3697101	Cylinder,LH Hydraulic	1
10	3638404	Washer, Copper 17 X 22 X 1.4	23
11	3637100	Hydraulic Fitting	6
12	3667156	Line,Hydraulic	2
13	3697114	Fitting,Hydraulic Line	4
14	3667109	Valve,Lock	2
15	613313C8	Capsc M6-P1.0-40	2
16	70092C	Nut Met Tin M6-P1 PI5	4
17	3667103	Line,Hydraulic	2
18	3667105	Fitting,Hydraulic	8
19	3667253	Asy,Hyd.Hose	2
20	3677205	Asy,Hyd. Hose	2
22	3667107	Fitting,Hydraulic Tee	1
23	3667110	Divider,Flow	1
24	3660291	Wdmt,Plate	1
25	613317C8	Capsc M6-P1.0-60	2
26	3667108	Fitting,Hydraulic Tee	1
27	3667205	Asy,Hose	2
28	N/A	Cylinder,Hydraulic	2
29	3667111	Rod,Cylinder	2
30	N/A	Tube,Cylinder	2
31	3667113	Head,Cylinder	2
32	3667114	Piston,Cylinder	2
33	3667115	Nut,Cylinder	2
34	N/A	Gasket	2
35	N/A	Gasket	2
36	N/A	Gasket	2
37	3667116	Kit,Seal	2
38	N/A	Rod,Cylinder	2
39	N/A	Tube,RH Cylinder	1
	N/A	Tube,LH Cylinder	1
40	N/A	Head,Cylinder	2
41	N/A	Spacer,Cylinder	2
42	N/A	Piston,Cylinder	2
43	N/A	Locknut,Cylinder	2
44	N/A	Gasket	2
45	N/A	Gasket	2
46	N/A	Gasket	2
47	N/A	Gasket	2
48	N/A	Gasket	2
49	3667192	Kit,Seal	2
50	3667254	Asy,Hyd.Hose	1
51	3668433	Collar,Hose	1

RATCHET LINK KIT**MODEL FWR1223**

RATCHET LINK KIT**MODEL FWR1223**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	Cover,Lever	1
2	N/A	Lever,Ratchet	1
3	N/A	Wdmt,Ratchet Tube	1
4	N/A	Spring,Hook	1
5	70093C	Nut, Toplock M8 x 1.25	2
7	70502	Pin, Cotter M6.3 x 36	4
8	3637523	Cylinder Pin	2
9	N/A	Wdmt,RH Ratchet Screw	1
10	N/A	Ring,Clamp	2
11	3668702	Cover,Rubber Shield	2
12	N/A	Wdmt,Ratchet Jack Support	2
13	N/A	Plate,Lever Support	2
14	N/A	Plate,Locking Hook	1
15	61358C8	Capsc M8 x 1.25 x 25	2
16	3667566	Support,Ratchet Tube	2
17	N/A	Bushing,Nylon	2
18	N/A	Collar,Lock	2
19	N/A	Pin,Roll	4
20	N/A	Nut,Metric Tie	3
21	N/A	Wdmt,LH Ratchet Screw	1
22	001465	Grease Fitting,Straight,M6	2
23	61368C8	Capsc M10 x 1.5 x 25	2
24	00755954	Lockwasher M10	2
25	61383C8	Capsc M14-P2.0-25	4
26	61339C8	Capsc M6 x 1.0 x 25	1
27	N/A	Capsc M4-P0.70-25	3
28	3667564	Bushing	3
29	70092C	Nut Met Tin M6-P1 PI5	1
30	701614C	Lockwasher, M14	4

MODEL FWR1223

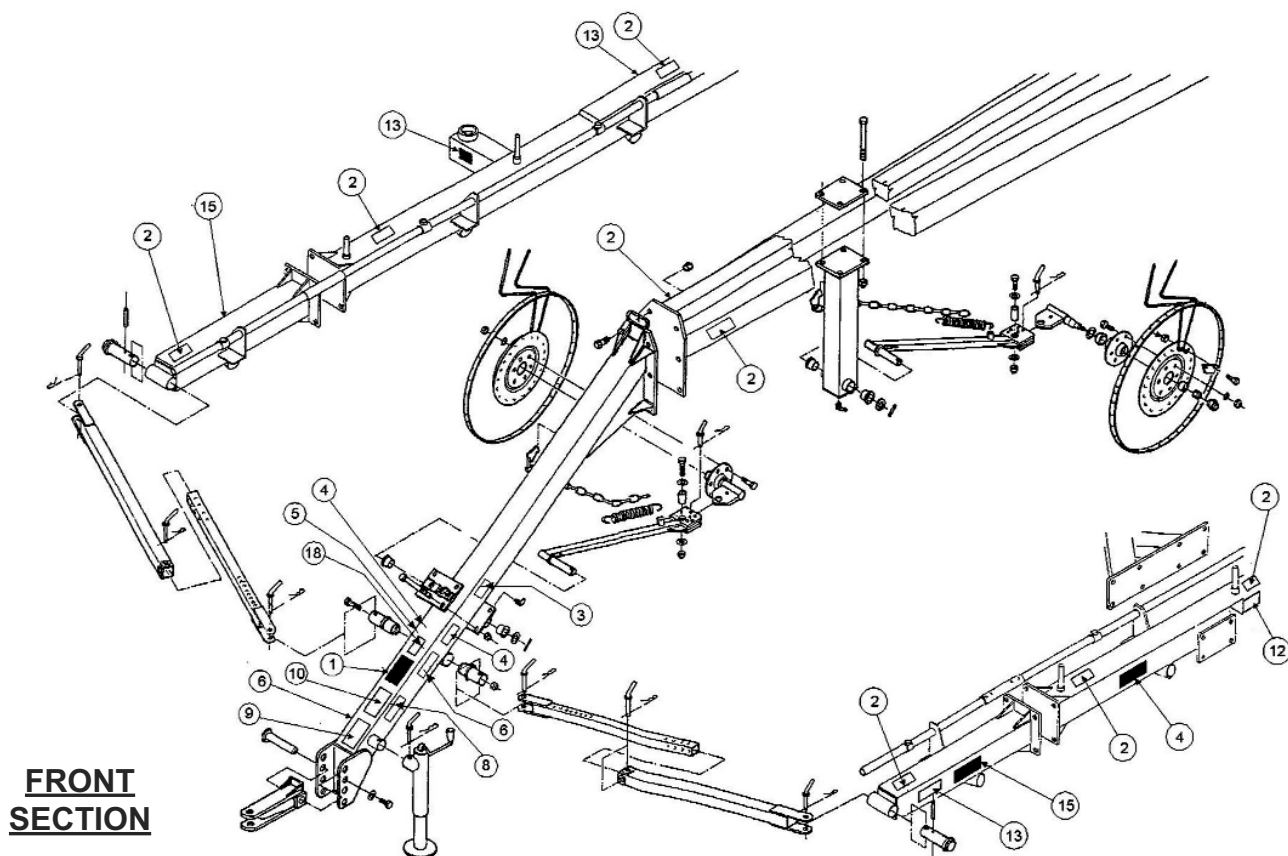


HYDRAULIC CENTRAL WHEELS KIT (OPTION)**MODEL FWR1223**

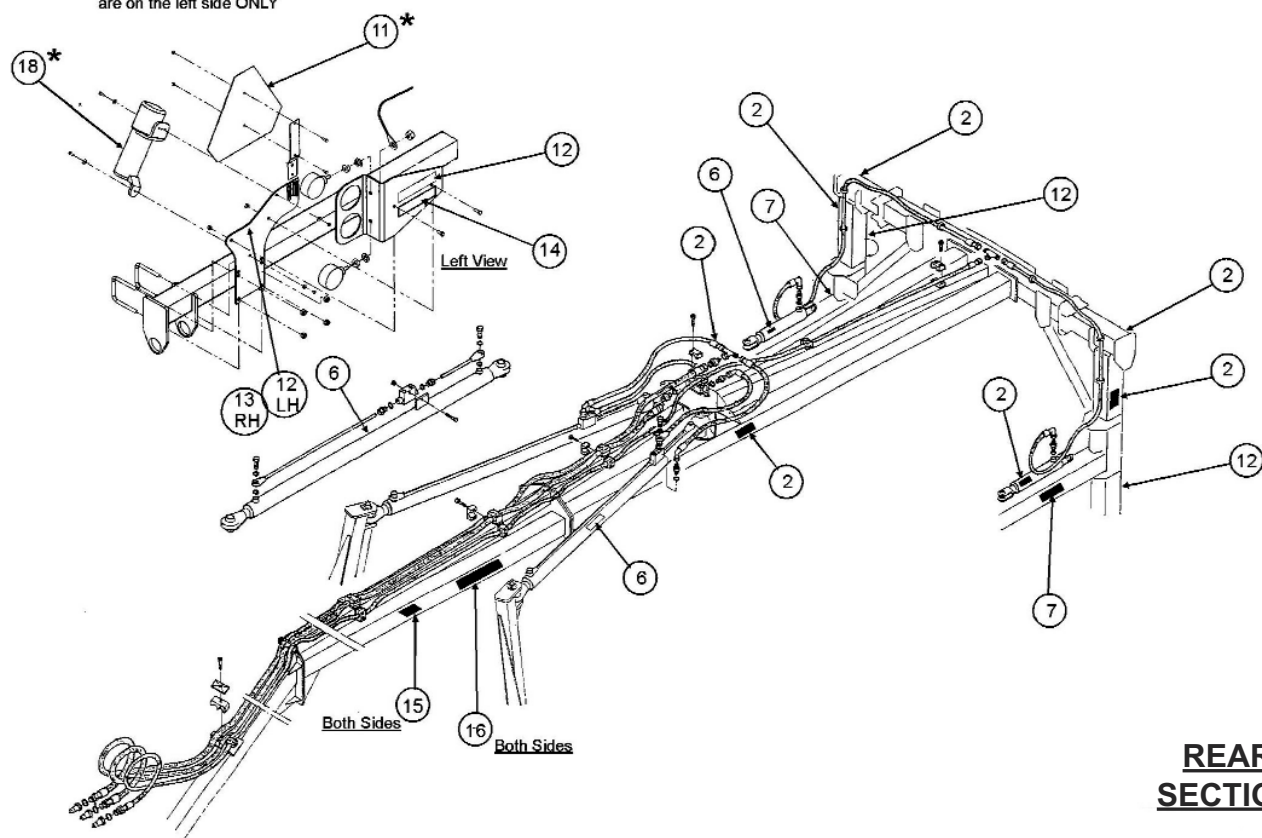
REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
3	N/A	Rim	2	38	3660295	Wmdt,Arm	1
4	00765676	Nut Metric 10MM Self-Locking	40	39	701516C	Flatwasher M18 PI	2
5	3637505	Flange	2	40	61107C8	Capsc M18-P2.5-100	2
6	3637508	Tine Clamp	20	41	3660294	Wdmt,Bracket	1
7	3667522	Tine,Center Wheel	80	42	70098C	Nut, Toplock M18 x 2.5	2
8	70631C4	Bolt, Carrig M10 x 1.5 x 25	40	43	3637520	Arm Bushing	4
9	3660103	Asy,LH Wheel	1	44	61075C8	Capsc M12-P1.75-60	2
10	00755949	Nut Metric 10MM-P1.5 PI	12	45	700219C	Nut M12 x 1.75 High Hex	2
11	00755954	Lockwasher M10	12	46	3638403	Washer	2
12	3667542	Plate,Counter	1	47	703516W	Pin, Roll M8 x 50	2
13	610912C8	Capsc M16-P2.0-130	2	48	3667422	Spring,Extension	2
14	3667141	Cylinder,Hydraulic Lift	1	49	3667417	Cable,Lift	1
15	701513C	Flatwasher, M12	8	50	3667418	Cable,Lift	1
16	00772648	Nut M12	10	51	3660295	Wmdt,Arm	1
17	3668416	Thimble	6	52	3690217	Wdmt,Bracket	1
18	703415W	Pin,Roll 6MMx45MM	2	53	3660297	Wdmt,Bracket	1
20	3668418	U-Bolt	1	54	N/A	Wdmt,Bracket	1
21	3660292	Wdmt,Pulley Bracket	1	55	3690291	Wdmt,Pulley Bracket	1
22	3668614	Pulley	2	56	3660102	Asy,RH Wheel	1
24	3667529	Bushing	2	59	3667162	Fitting,Hydraulic Tee	1
25	3668419	Bolt W/Hole M12 X 70 Gr.8.8	2	60	3667239	Asy,Hose	1
26	3638400	Hairpin Cotter, M3	2	61	3667105	Fitting,Hydraulic	1
27	3666255	Chain	2	62	3638404	Washer, Copper 17 X 22 X 1.4	1
28	3660109	Asy,Hub	2	63	02967543	Capsc M16-P2.0-60	2
29	N/A	Hub Cap	2	64	3668409	Fitting,Grease M6 X 1 45DG	2
30	700728C	Nut, Castle M18 x 1.5 Low Hex	2	65	61377C8	Capsc M12 x 1.75 x 30	4
31	3736001	Outer Tapered Bearing Set	2	66	701613C	Lockwasher, M12	8
32	3637504	Wheel Hub	2	67	3667543	Plate	1
33	3736000	Inner Tapered Bearing Set	2	68	701615C	Lockwasher, M16	2
34	3736800	Seal, 25 X 52..	2	69	3697546	Plate,Bracket	1
35	70477	Pin, Cotter M3.2 x 32	2	70	3697547	Plate,Counter	1
36	3660245	Wdmt,Spindle	2	71	610716C8	Capsc M12-P1.75-140	6
37	61368C8	Capsc M10 x 1.5 x 25	12	72	00762462	Capsc M12-P1.75-25	4
				73	3697548	Plate,Counter	1
					3667114	Piston, Cylinder	1
					3667115	Nut, Cylinder	1
					3667142	Kit, Seal	1
					3667148	Rod, Cylinder	1
					3667149	Tube, Cylinder	1
					3667150	Head, Cylinder	1

DECALS - BUSH HOG MARKING

MODELS FWR817, FWR1020, FWR1223



Items marked with an *
are on the left side ONLY



DECALS - BUSH HOG MARKING**MODELS FWR817, FWR1020, FWR1223**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	00725746	Decal, Peligro	1
2	02962765	Decal, Multiple Hazard	10
3	5W119	Decal, Warning Speed Restriction	1
4	3668308	Decal, Warning Transport	2
5	999200	Decal, General Warning - All Unit	1
6	52740	Decal, Warning, Oil Leak	5
7	2458315	Decal, Warning Stored Energy	2
8	00786980	Decal, Genuine Bush Hog Parts	1
9	999001	Decal, Warning - Tractor Weight	1
10	00763977	Decal, Important-Notice To Owner	1
11	03200347	Emblem, SMV	1
12	1458392	Decal, Red Reflector	4
13	1458393	Decal, Yellow Reflector	6
14	1458398	Decal, Orange Reflector	2
15	50058089	Decal, Bush Hog 11.00"	4
16	50068844	Decal, Model FWR	2
18	00776031	Canister, Parts Manual	1

Note: For item 2, add 4 for models FWR1020 and FWR1223



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