

MAGNUM BR SOD HARVESTER PARTS MANUAL



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The purpose of this manual is for parts identification of the Magnum BR sod harvester. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum BR harvesters. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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1ST & 2ND CONVEYORS

1st Conveyor - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	H2005	Hydraulic Motor
2	1	1W001	Motor mount
3	1	SP015	Sprocket
4	1	C0517	Chain (17 links) plus master link
5	1	SP018	Sprocket
6	1	1W002	Motor Bracket
7	2	13160	7/16"-14 x 1 3/4" Grade 5 Zinc Finish Hex Cap Screw
	2	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
8	10	SP004	Conveyor sprocket
9	1	S1049 (30BR / 32BR / 42BR) S1049-48 (48BR)	Drive shaft
10	2	TB100	Tapped bearing
11	2	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
	2	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
12	1	5F1400	Angle bearing bracket
13	4	FL100	Flange bearing
14	1	42TR-FC100	Traditional Harvester Mainframe, 42"
15	20	RB144	Roller bearing
16	10	SR100	Conveyor roller shell
17	10	CS100	Spring
18	10	HS220	Hex shaft
19	4	13155	7/16"-14 x 1" Grade 5 Zinc Finish Hex Cap Screw
	4	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
	4	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
20	1	S1048 (30BR / 32BR / 42BR) S1048-48 (48BR)	Idler shaft
21	4	TB100	3/8"-16 X 1" WASHER
22	4	13105	3/8"-16 x 1" Zinc Finish SAE J429 Gr 5 Cap Screw
	4	33893	3/8" Yel Zinc Finish Hi Alloy Med Split Lock Washer
23	2	13155	7/16"-14 x 1" Grade 5 Zinc Finish Hex Cap Screw
	2	33894	7/16" Yel Zinc Fin High Alloy Med Split Lock Washer
	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hard Flat Washer
24	1	KW420B (42BR) KW480B (48BR) KW42B-30 (30BR) KW420B-32 (32BR)	Bottom Conveyor Mat
25	1	MR420 (42BR) MR420-48 (48BR) MR420-30 (30BR) MR420-32 (32BR)	Conveyor rod
26	10	SR200	Complete conveyor roller assembly
27	1	H-18	Pressure hose
28	2	2404-10-8	Hydraulic fitting
29	1	FG6500-10-10	Hydraulic fitting, 10 Male JIC-10 Female JIC swivel 90
30	2	1B020	Sod guide

1ST & 2ND CONVEYORS

1st Conveyor - Parts List (continued)

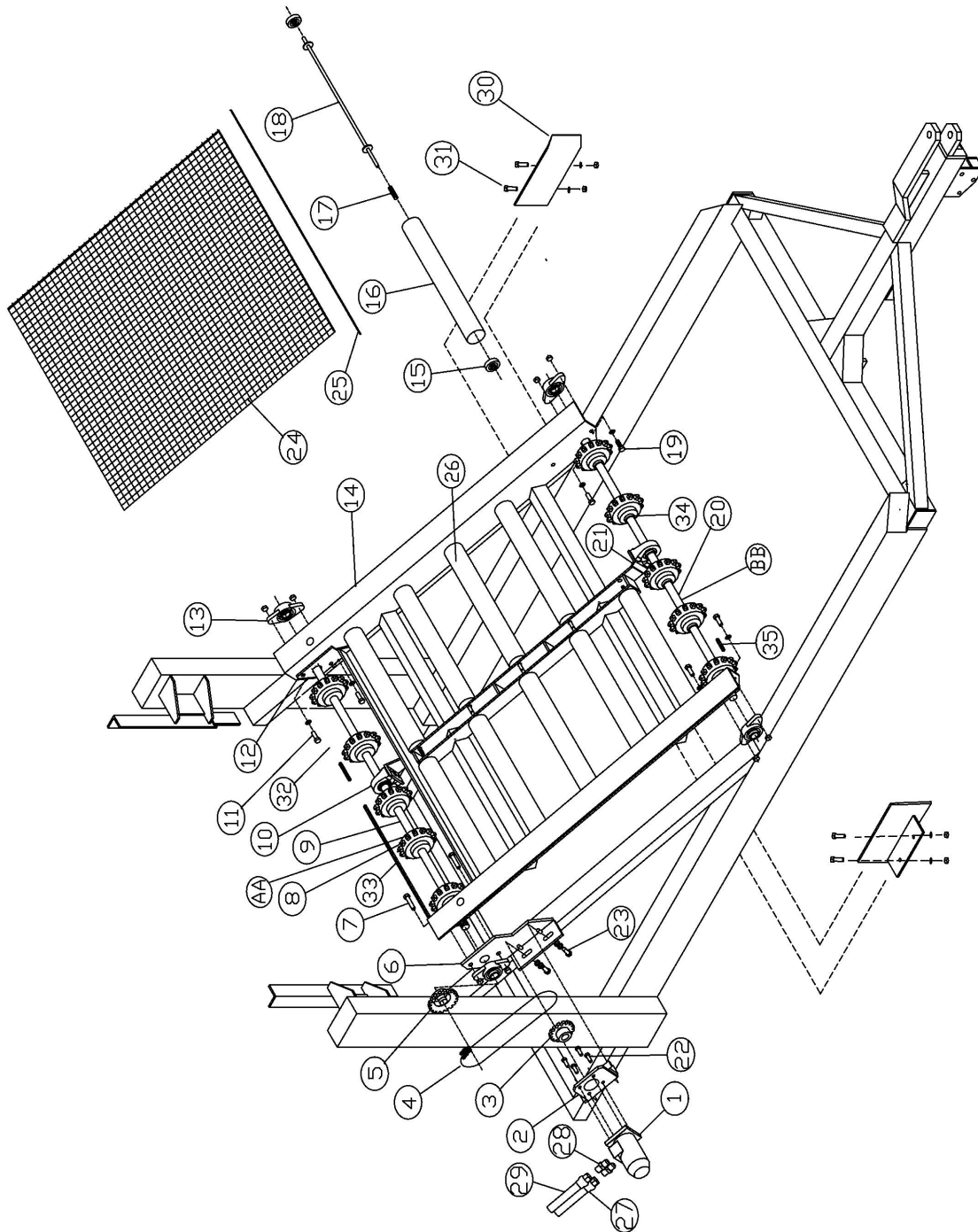
ITEM	QTY	PART NUMBER	DESCRIPTION
31	4	13105	3/8"-16x1" Zinc Finish SAE J429 Gr 5 Hex Cap Screw
	4	37264	3/8"-16 Zinc Finish Grade C Top Lock Nut
	4	33815	3/8"x0.812" Thru-Hard Yel Zinc Fin SAE Flat Washer
32	1	TR-FC400 (30BR / 32BR / 42BR) TR-FC401 (48BR)	1/4" Square Key stock
33	2	TR-FC401	1/4" Square Key stock
34	8	SC100	1" Split Collar
35	10	480FC109	1/4" Square Key stock
36	1	50-1SC	Drive Chain Master Link

Repair Kit

ITEM	QTY	PART NUMBER	DESCRIPTION
		60540-000	Seal Kit for Motor H2005 (1 st and 2 nd Conveyors)
AA	1	S1049-30BR	1 ST CONV DRIVE (TOP) SHAFT ASSY
		S1049-42BR	
		S1049-48BR	
BB	1	S1048-30BR	1 ST CONV IDLER (BOTTOM) SHAFT ASSY
BB	1	S1048-42BR	1 ST & 2 ND CONV IDLER (BOTTOM) SHAFT ASSY
		S1048-48BR	



1st Conveyor



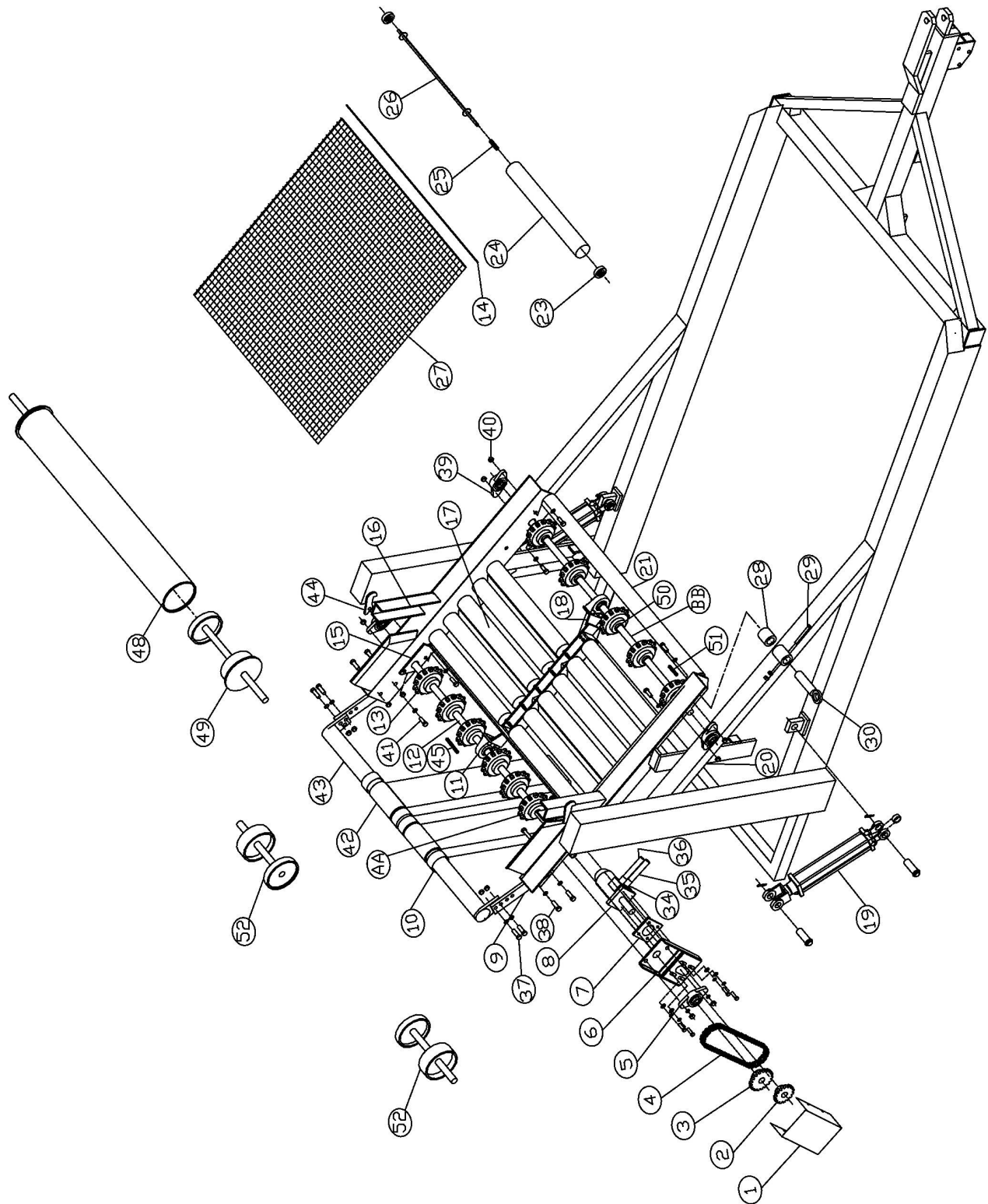
2nd Conveyor - Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	17A330	Drive motor shield
2	1	SP015	Sprocket
3	1	SP018	Sprocket
4	1	C0517	Chain (17 links)
5	4	13107	3/8"-16x1-1/4" Zinc Finished SAE J429 Gr 5 Hex Cap Screw
	4	33893	3/8" Yellow Zinc Finish High Alloy Med Split Lock Washer
	4	33815	3/8"x0.812" Thru-Hard Yel Zinc Fin Steel SAE Flat Washer
6	1	1W003	Rear motor bracket
7	1	1B007	Drive motor spacer
8	1	H2005	Hydraulic motor
9	2	1B008	Extension brackets for ramps
10	4	420RP107	Lock collars
11	2	TB100	Tapped based bearing
12	1	S1053 (30BR / 32BR / 42BR) S1053-48 (48BR)	Drive shaft
13	8	SP004 (30BR & 32BR)	Conveyor sprocket
	12	SP004 (42BR & 48BR)	
14	1	MR420	Conveyor rod
15	1	5F1400	Angle bearing bracket
16	1	42TR-SC100 48TR-SC100	Traditional Second Conveyor Main Frame
17	12	SR200	Complete conveyor roller assembly
18	1	S1048 (30BR / 32BR / 42BR) S1048-48 (48BR)	Idler shaft
19	1	H0007L	Hydraulic cylinder – LEFT BR 2 ND CONV.
	1	H0007R	Hydraulic cylinder – RIGHT BR 2 ND CONV.
20	1	1C4244	Seal Kit for H0007 Hydraulic Cylinder
21	1	LR200 (30BR / 32BR / 42BR) LR200-48 (48BR)	Center roller
23	24	RB144	Roller bearing
24	12	SR100	Conveyor roller shell
25	12	CS100	Spring
26	12	HS220	Hex shaft
27	1	KW420T (42BR) KW480T (48BR)	Top conveyor mat
28	2	BB100	Brass bushing
29	2	13063	5/16"-18 x 2-1/2" Grade 5 Zinc Finish Hex Cap Screw
	4	36304	5/16"-18 Zinc Finish Grade 5 Finished Hex Nut
30	2	7C2110	Cold roll pin
31	4	65125	3/16" x 1 1/2" cotter pin
32	2	1B009	Spacer
33	4	1D155	Clevis pin 1"X3"
34	2	2404-10-8	Hydraulic fitting
35	1	H-5	Hydraulic hose
36	1	H-16	Hydraulic hose
37	2	15210	1/2"-13 X 1 3/4" CAPSCREW, GR 8
	2	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
	2	33012	1/2" Zinc Finish USS Flat Washer
38	2	13210	1/2"-13 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
	2	37268	1/2"-13 Zinc Finish Grade C Top Lock Nut
	2	33012	1/2" Zinc Finish USS Flat Washer
39	4	FL100	Flange bearing
40	8	13159	7/16"-14 x 1-1/2" Grade 5 Zinc Finish Hex Cap Screw
	8	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
	8	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer

2nd Conveyor - Parts List (continued)

ITEM	QTY	PART NUMBER	DESCRIPTION
41	2	13160	7/16"-14 x 1-3/4" Grade 5 Zinc Finish Hex Cap Screw
	2	37266	7/16"-14 Grade C Zinc Finish Steel Top Lock Nut
	2	33816	7/16" Yellow Zinc Finish SAE Thru-Hardened Flat Washer
42	2	42TR-1A100E (30BR / 32BR / 42BR) 48TR-100E (48BR)	Ramps
43	2	1A100E	Bracket for conveyor ramps
44	2	1B010	Safety hook
45	8	480FC109	1/4" X 2" Square Keystock
47	1	50-1SC	Drive Chain Master Link
48	1	1B023-42 (42BR) 1B023-48 (48BR) 1B023-30 (30BR)	5" sleeve for big rolls
49	1	1B023A (42BR) 1B023A-30 (30BR)	Cone for 21" big rolls
50	8	SC100	1" Split Collar
51	11	480FC109	1/4" Square Key stock
52	2	1B016 (42BR & 48BR) 1B016-30 (30BR) 1B016-32 (32BR)	Tube inserts
Repair Kits & Assemblies			
AA	1	S1053-42BR – (30" & 42") S1053-48BR – (48")	2 ND CONV. DRIVE (TOP) SHAFT ASSY
BB	1	S1048-42BR – (30" & 42") S1048-48BR – (48")	2 ND CONV. IDLER (BOTTOM) SHAFT ASSY

2nd Conveyor



NOTES: