

MAGNUM SR SERIES

PARTS MANUAL



MAGNUM 300SR
MAGNUM 420SR
MAGNUM 480SR

Bucyrus Equipment Co., Inc.
Box 156, 209 Main
Hillsdale, Ks 66036
1-800-330-0857
www.magnumharvesters.com

RE-ORDER NUMBER: SRMANUAL
REVISION: SR-100020



SR SERIES

MAGNUM 300SR/420SR/480SR PARTS MANUAL

The purpose of this manual is for parts identification of the Magnum SR series 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 SR series 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

©Copyright 2005 BECI. All information contained within this publication is based on the latest product information at the time of publication. Due to constant improvements in the design and quality of production components, some minor discrepancies may result between the actual vehicle and the information presented in this publication. Depictions and/or procedures in this publication are intended for reference use only. No liability can be accepted for omissions or inaccuracies. Any reprinting or reuse of the depictions and/or procedures contained within, whether whole or in part, is expressly prohibited. Printed in U.S.A.

TABLE OF CONTENTS

Section 1	420/480 Floating Heads
Section 2	420/480 Solid Heads/Coulter Option
Section 3	300 Solid Heads/Coulter Option
Section 4	Depth Control
Section 5	1 st Conveyor
Section 6	2 nd Conveyor
Section 7	Chop Offs
Section 8	Net Dispenser
Section 9	Ramps
Section 10	Tube Racks
Section 11	Control Panel Box
Section 12	Wheel/Hub Assembly
Section 13	Hydraulic Components
Section 14	Valve Body
Section 15	Flow Control Valve

Section 16 Chop Valve

Section 17 Accumulator

Section 18 Hydraulic Tank/Increaser

Section 19 Hose/Hardline Mounts

Section 20 Electrical Components



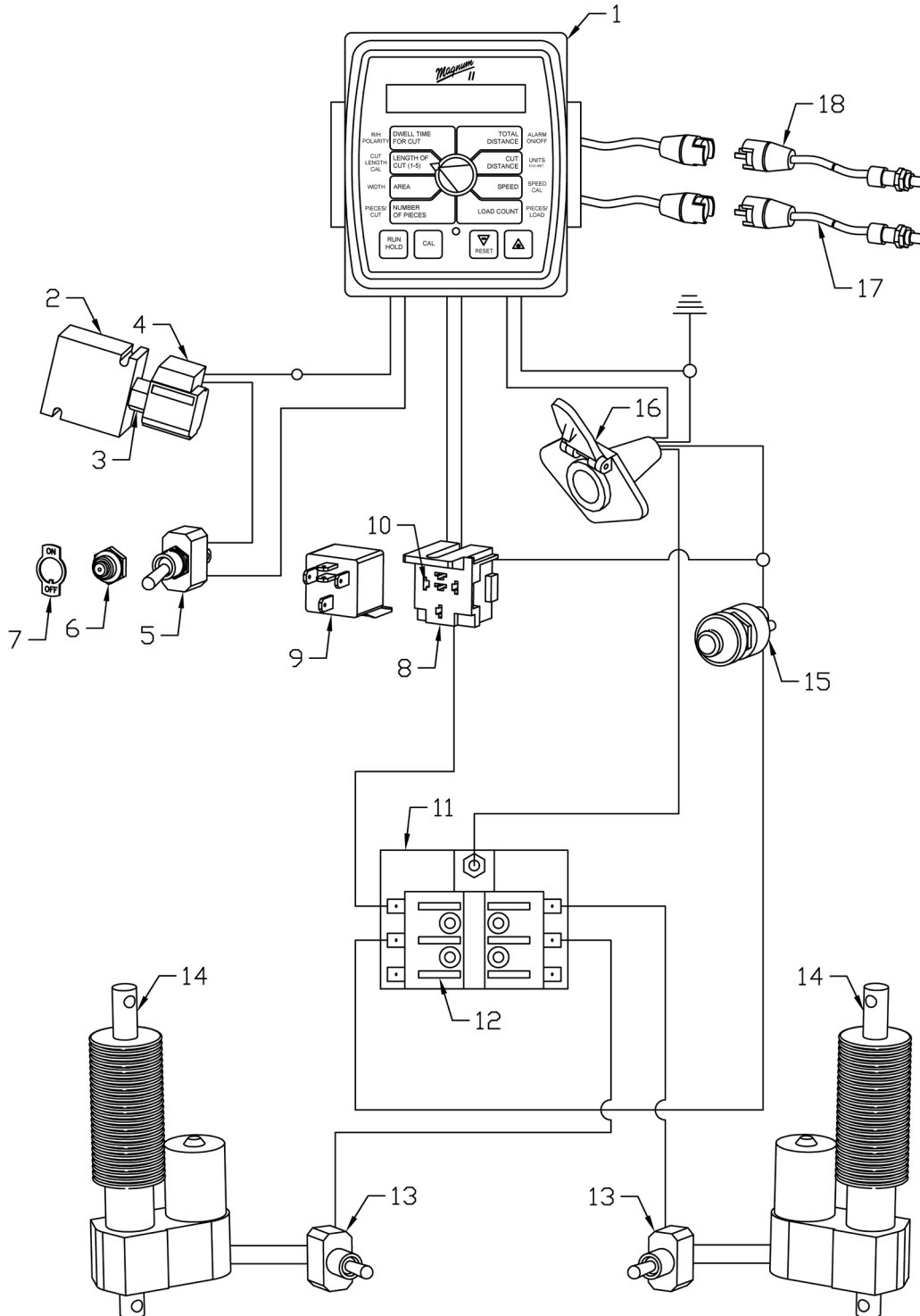
ELECTRICAL COMPONENTS

COUNTER – Parts List VERSION 1

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	000102-SR	Magnum II counter
2	1	LB1-0523A	Chop valve body
3	1	GS02-30-20-N	Chop valve actuator
4	1	CCP012L	Chop valve coil
5	1	44252	Chop On/Off switch
6	1	44215	Toggle boot
7	1	44216	Face plate
8	1	75280	Relay base
9	1	75411	Relay
10	1	31073	Relay terminal
11	1	46050	Fuse panel
12	4	46230	30-amp fuse
13	2	DCSWI	Depth control switch
14	2	DC0009	Depth control actuator
15	1	STDSSB5	Horn switch
16	2	STD-TCP41F	Female 4 Point Plug
17	1	17195-2	Run/Hold proximity switch wire and sensor (2')
18	1	13609-2	Run/Hold proximity switch wire and sensor (2')
19	1	HA100	Horn Assembly
20	1	730-1020	Horn
21	1	1B014	Horn Bracket
22	Per Ft	WT16-4	Cable
23	1	3805-SC-46AR-BU	Red Alligator Clip
24	1	3805-SC-46LK-BU	Black Alligator Clip
25	1	FRA000-SR	Frame Cord
26	2	STD-TCP41M	Male 4 Point Plug

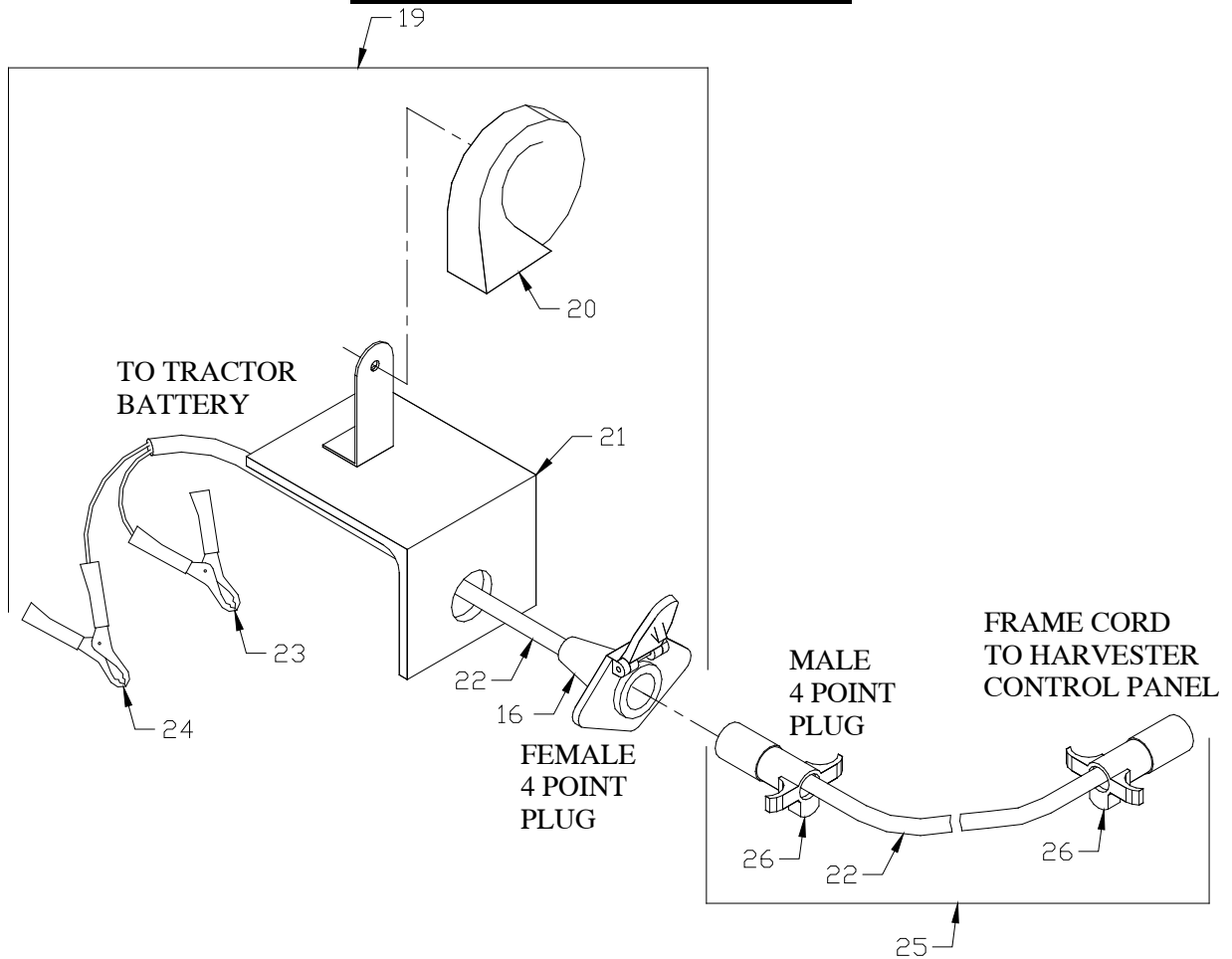


ELECTRICAL COMPONENTS

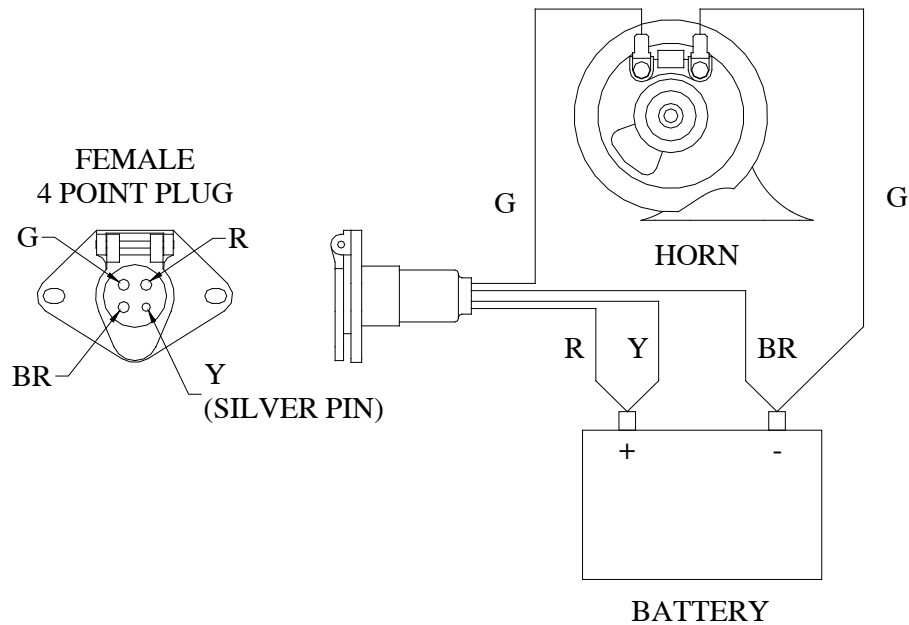


ELECTRICAL COMPONENTS

HORN BRACKET / FRAME CORD



HORN BRACKET WIRING DIAGRAM



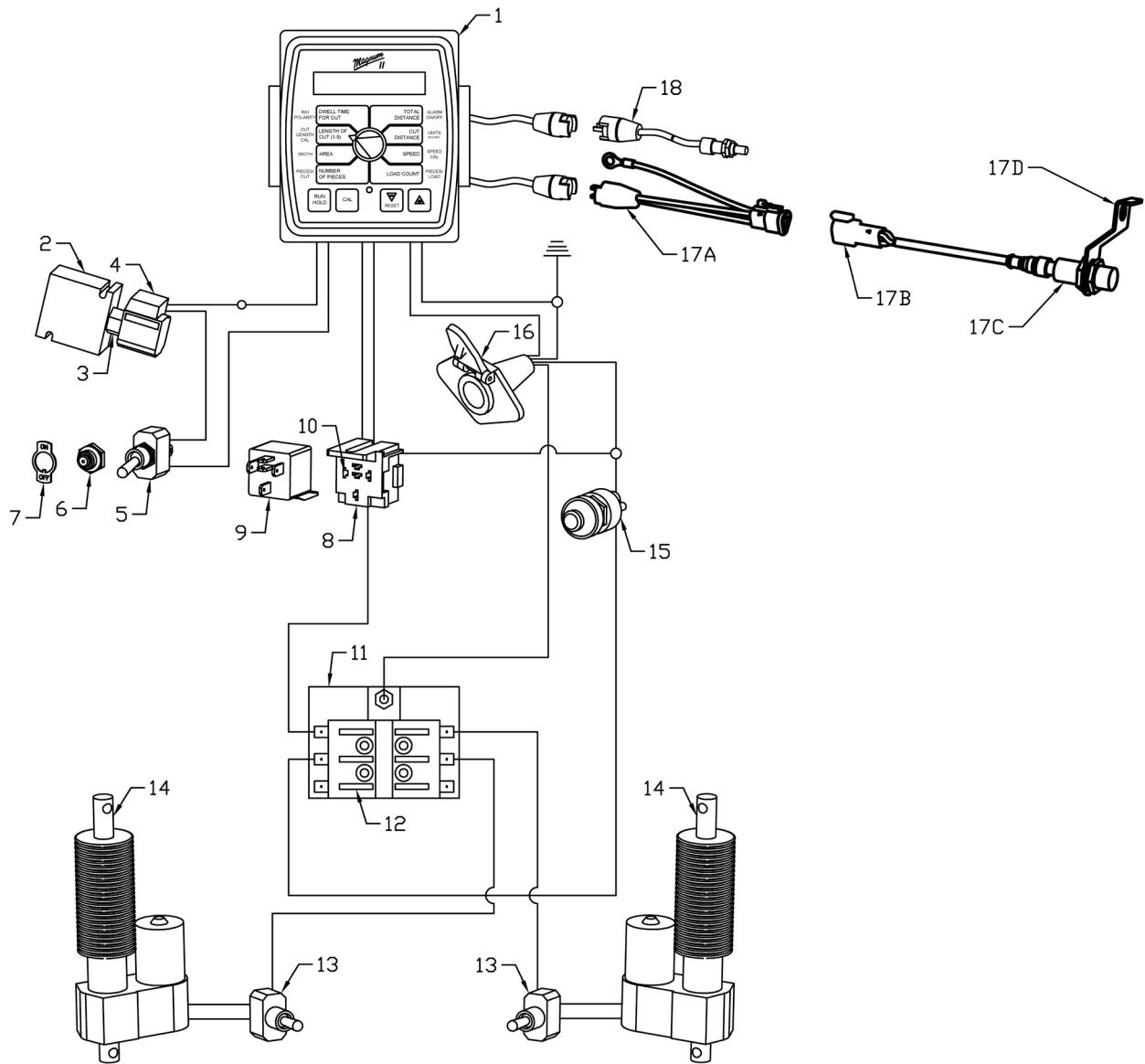
ELECTRICAL COMPONENTS

COUNTER – Parts List VERSION 2

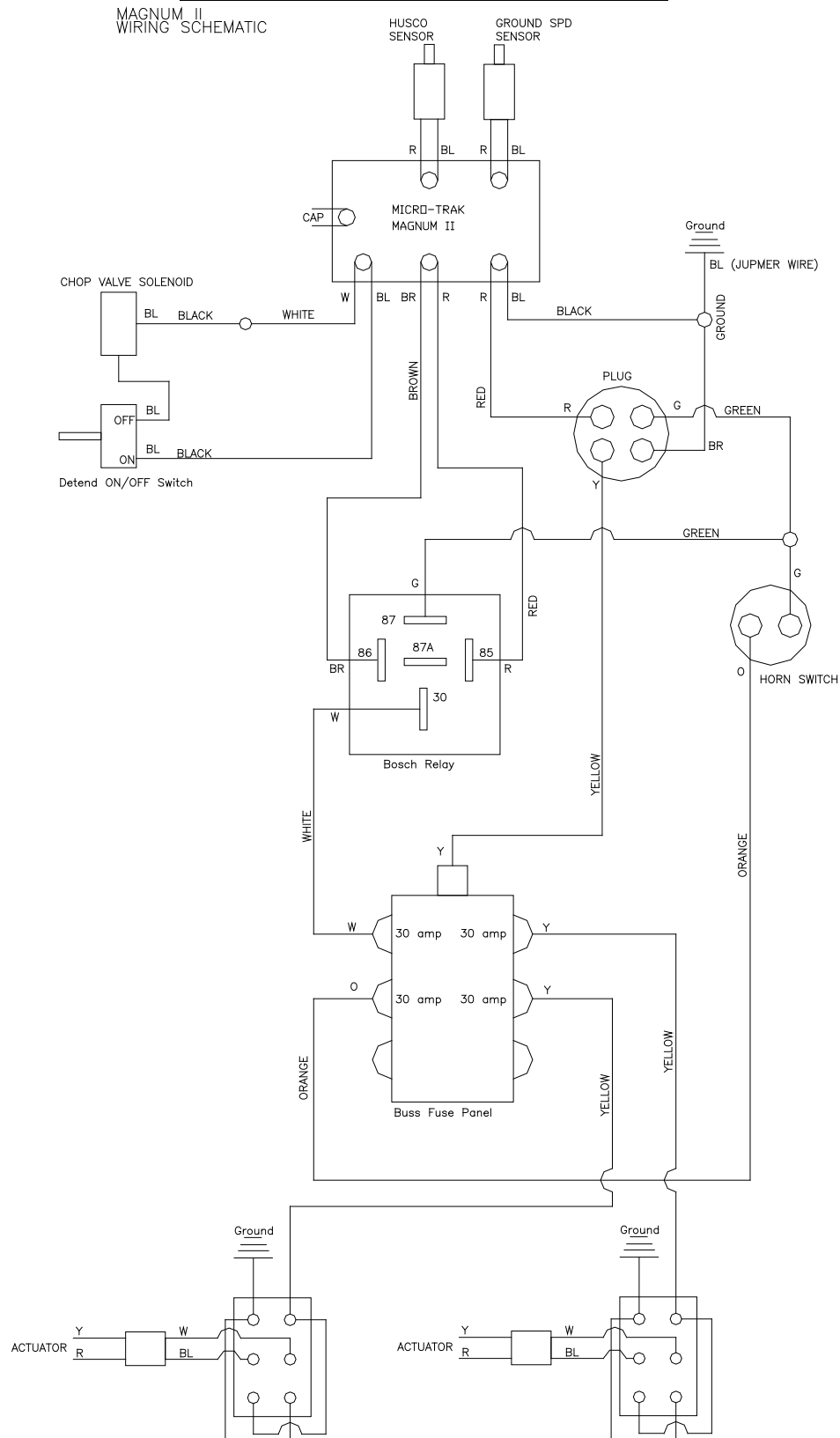
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	000102-SR	Magnum II counter
2	1	LB1-0523A	Chop valve body
3	1	GS02-30-20-N	Chop valve actuator
4	1	CCP012L	Chop valve coil
5	1	44252	Chop On/Off switch
6	1	44215	Toggle boot
7	1	44216	Face plate
8	1	75280	Relay base
9	1	75411	Relay
10	1	31073	Relay terminal
11	1	46050	Fuse panel
12	4	46230	30-amp fuse
13	2	DCSWI	Depth control switch
14	2	DC0009	Depth control actuator
15	1	STDSSB5	Horn switch
16	2	STD-TCP41F	Female 4 Point Plug
17	1	13609-3ASSM	Ground speed proximity switch
17A	1	13609-31	Wheel Speed Sensor Resistor Cable
17B	1	13609-3	Ground Speed Sensor Cable
17C	1	AK1-AP-3H	Proximity Sensor
17D	1	13609-3SRMNT	SR Prox Switch MNT
18	1	13608	Run/Hold proximity switch wire and sensor (2')
19	1	HA100	Horn Assembly
20	1	730-1020	Horn
21	1	1B014	Horn Bracket
22	Per Ft	WT16-4	Cable
23	1	31505	5/16" RING TERMINAL
24	1	31505	5/16" RING TERMINAL
25	1	FRA000-SR	Frame Cord
26	2	STD-TCP41M	Male 4 Point Plug
27	1	LB037-1	Counter Cover
28	2	KB100	Cover Knob
29	1	LB037	Counter Mounting Cover
30	2	37018	1/4"-20 Gr2 Zinc Fin NE Steel Nylon Insert Lock Nut
31	4	15105	3/8"-16x1" Gr 8 Yellow Zinc Finish Hex Cap Screw
32	4	33815	3/8"x0.812" Thru-Hard Yel Zinc Fin SAE Flat Washer
33	4	33893	3/8" Yel Zinc Fin High Alloy Med Split Lock Washer
34	4	36306	3/8"-16 Zinc Finish Grade 5 Finished Hex Nut



ELECTRICAL COMPONENTS

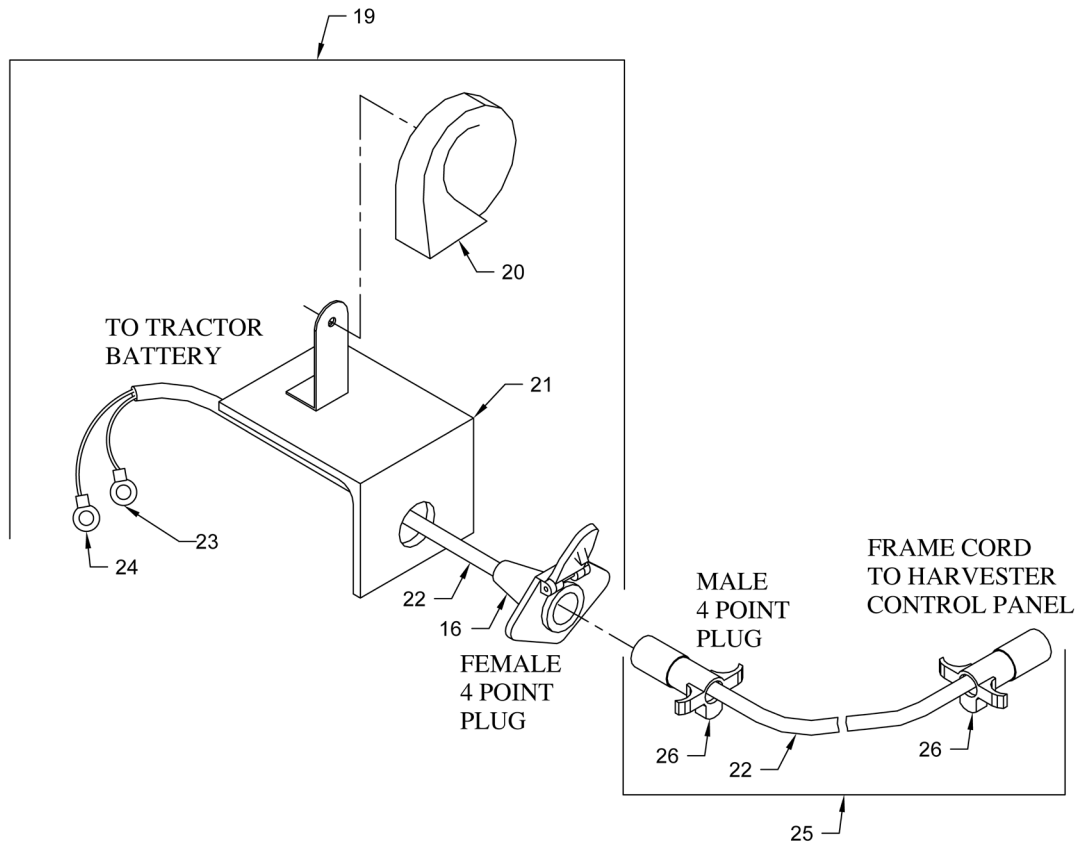


SR HARVESTER WIRING SCHEMATIC

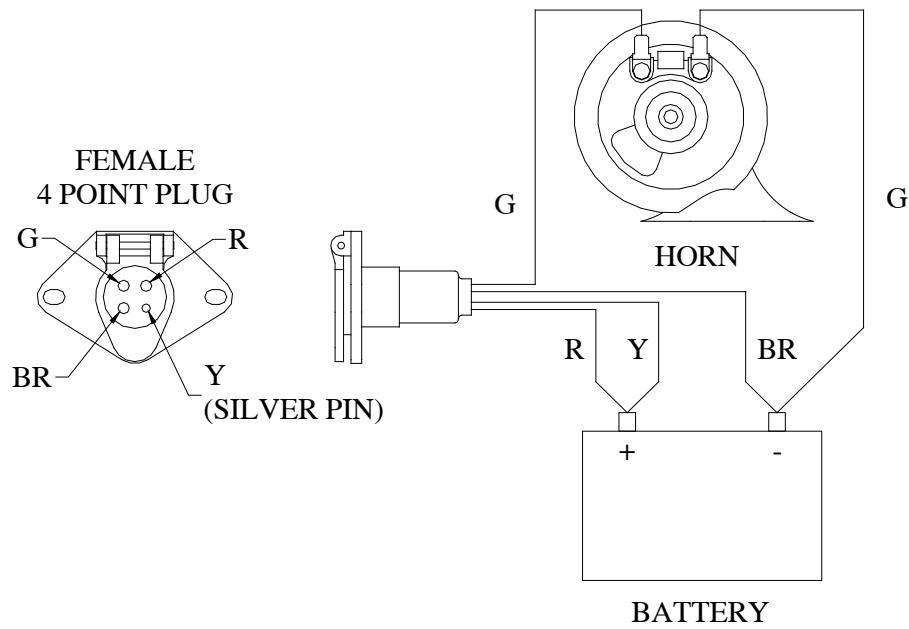


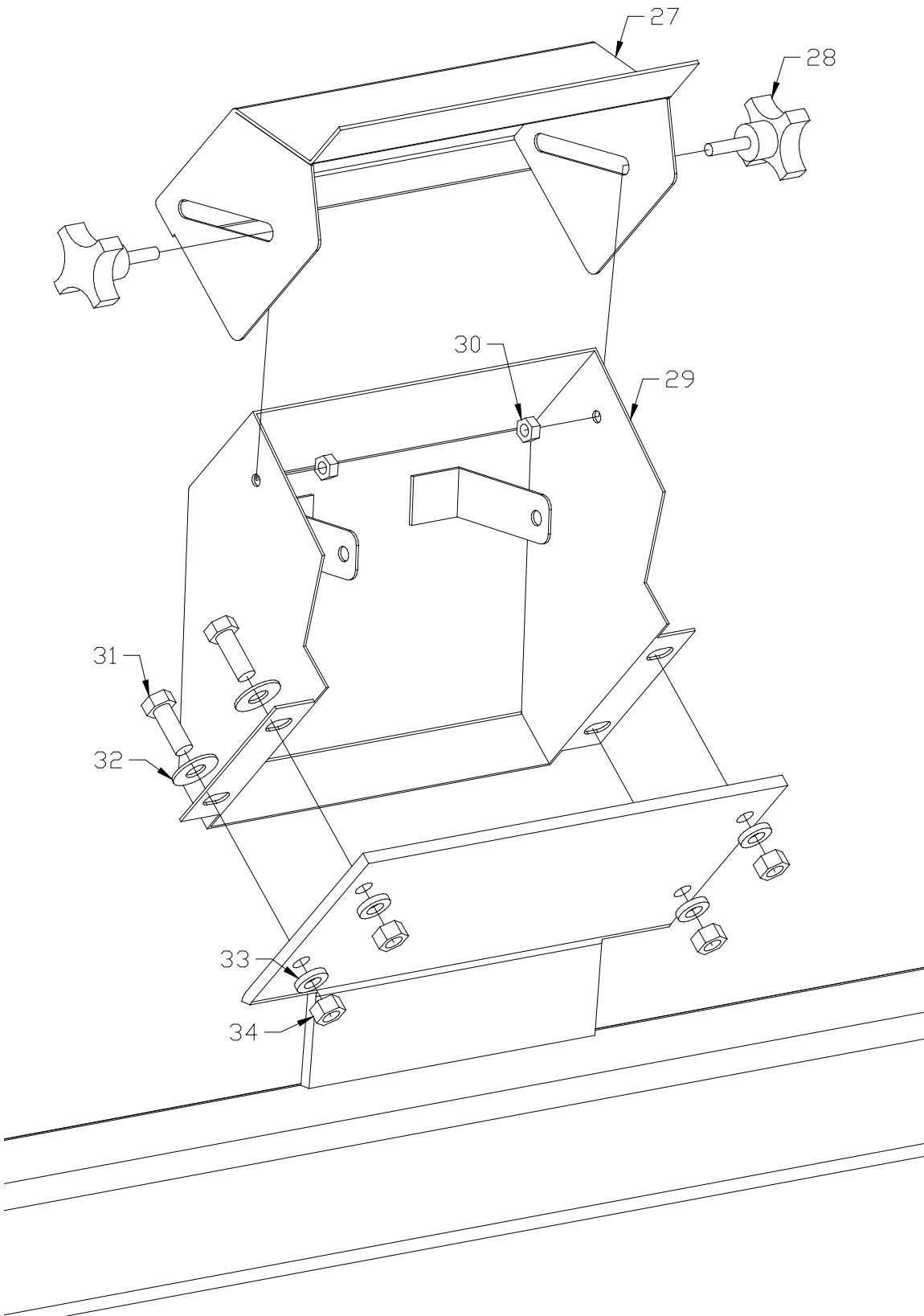
ELECTRICAL COMPONENTS

HORN BRACKET / FRAME CORD



HORN BRACKET WIRING DIAGRAM





ELECTRICAL COMPONENTS

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.