

# Double Master Plus Combine

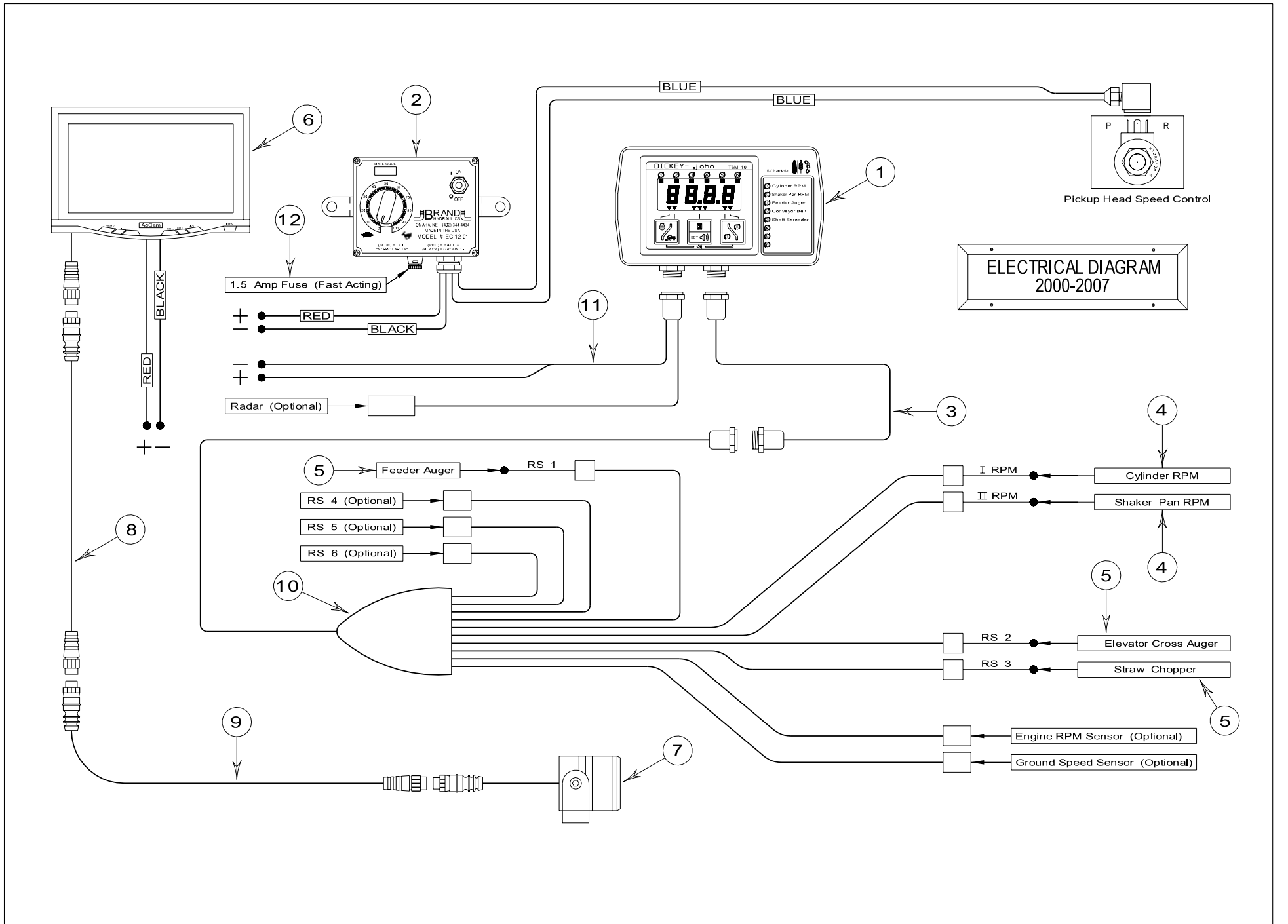
**Electrical Systems**

**Section 11**

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## Electrical Systems 2000-2007

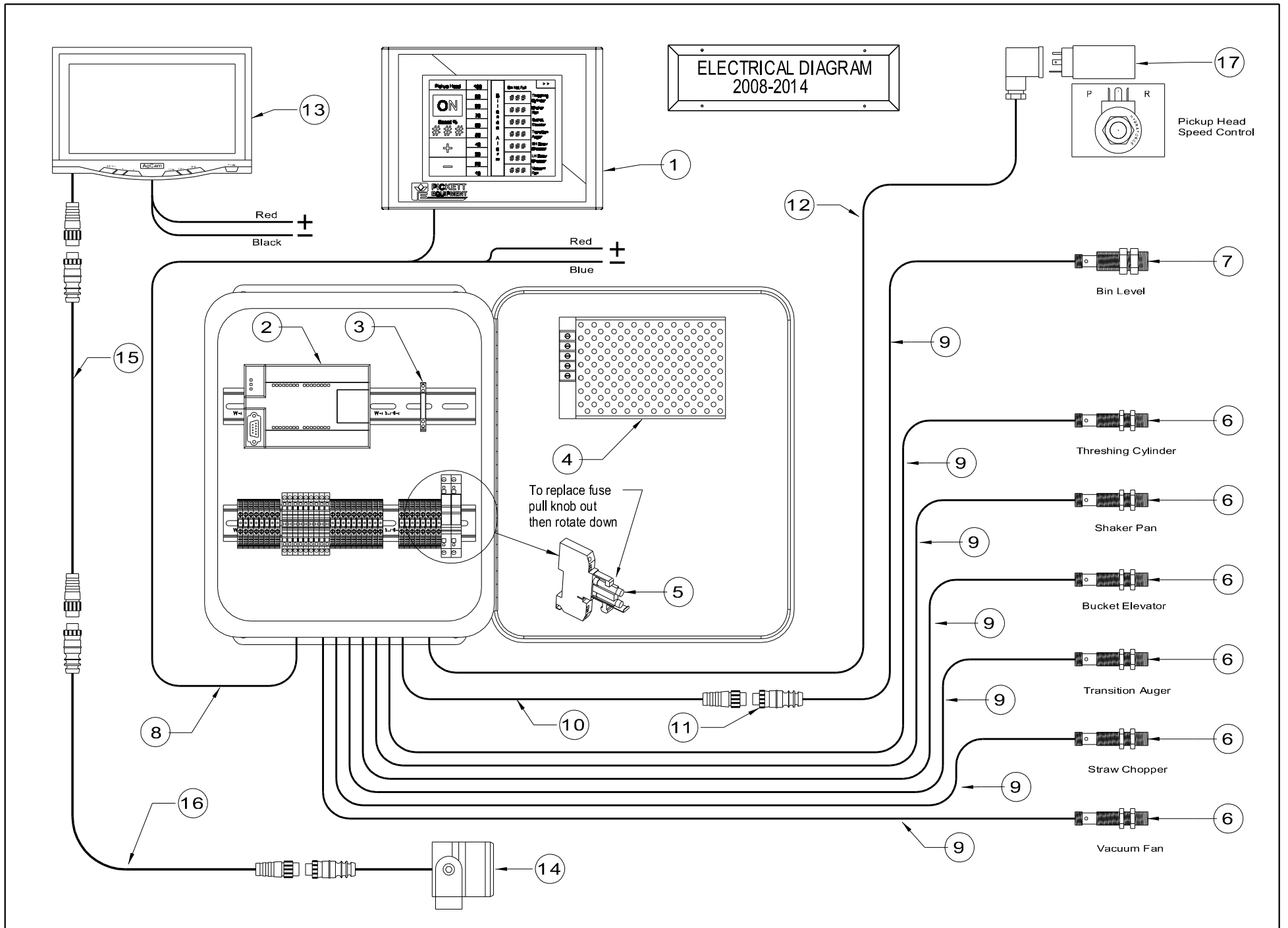
### Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	113031	1	Dickey-john TSM-10 monitor
2.	103107	1	Electric speed control box
3.	105000	1	Extension cable Dickey-john (SP & SP2 models)
4.	119172	2	Speed Sensor, Dickey-john
5.	119171	3	Motion Sensor, Dickey-john
6.	113059		Monitor 7" AgCam
7.	103186		Camera, AgCam (with out cables)
7a.	103164		Camera, AgCam (with cables)
8.	103163		20' camera cable, Ag cam
9.	103162		60' camera cable, Ag cam
10.	108214		Dickey-john wiring harness
11.	116032		Dickey-john power cord
12.	106047		Fuse
	103132		Ag cam kit (includes items 6, 7, 8 & 9)

Note: Cameras are optional equipment on some year models.

The following items are not shown.

510773	Camera Mount
510774	Camera Mount Plate
510775	Monitor Mount
103192	Cable, AgCam power w/ fuse holder and cigarette lighter adaptor



## Electrical Systems 2008 - 2014

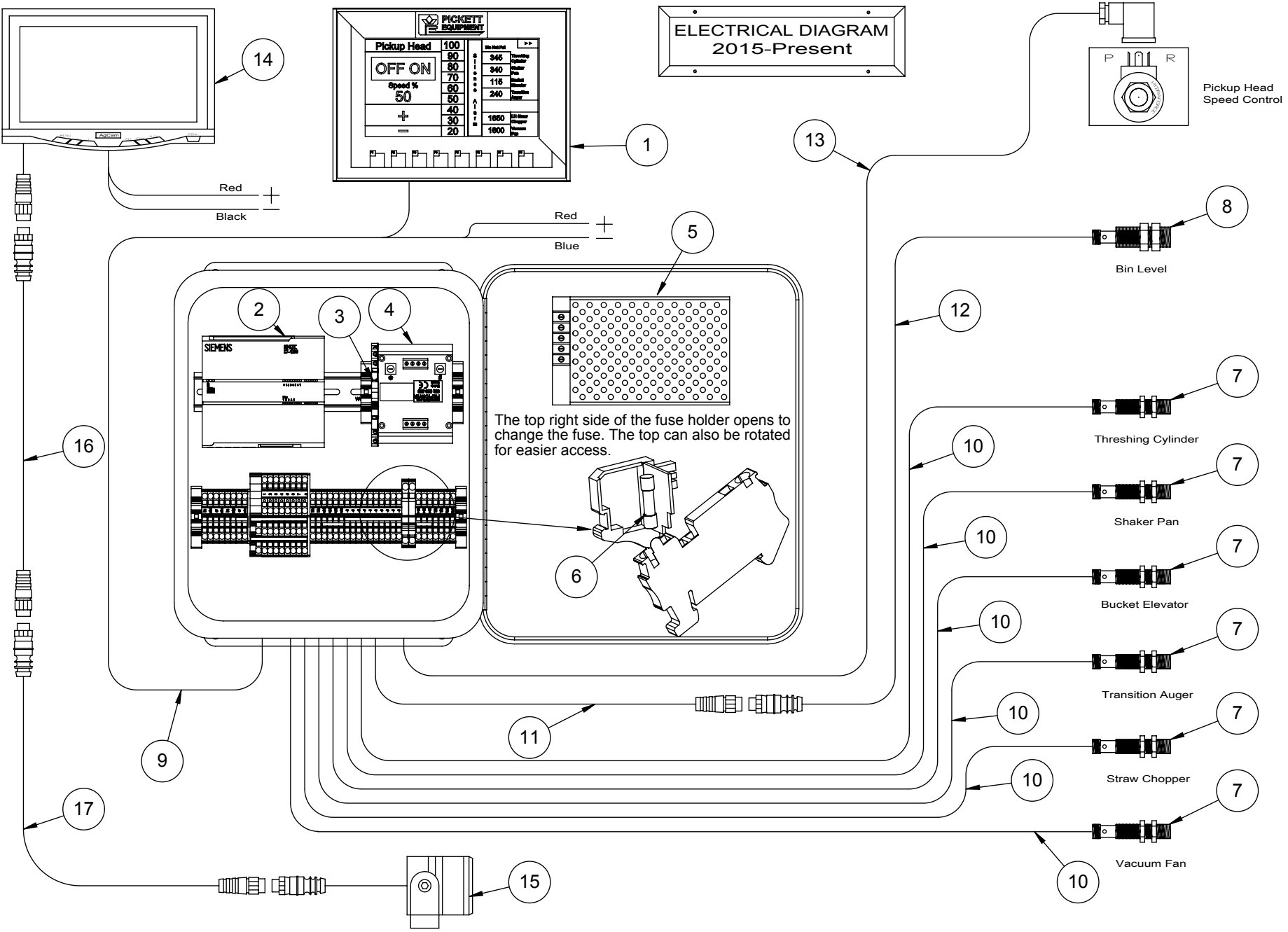
### Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	113050	Touch Screen Monitor (2008 – 2014)
2.	113051	PLC, Monitor (programmable logic controller)(2008 – 2014)
3.	113052	Relay Switch
4.	113053	Power Converter
5.	106083	Fuse, Monitor System (GMA – 15)
6.	113054	Speed Sensor
7.	113055	Bin Level Sensor
8.	113062	Replacement Power/Communication Cord (Yellow)(2008 – 2014)
9.	113060	Replacement Yellow Cords
10.	113068	Replacement Bin Extension Cord
11.	113067	Replacement Field Attachable Cord End for Bin Cord
12.	113069	Replacement Pickup Head Cord
13.	113059	Monitor 7" AgCam
14.	103186	Camera, AgCam (with out cables)
14a.	103164	Camera, AgCam (with cables)
15.	103163	20' Camera Cable, AgCam
16.	103162	60' Camera Cable, AgCam
	103132	Ag cam kit (includes items 13, 14, 15 & 16)
17.	113043	Proportional Valve Driver (2008 – 2014)

The following items are not shown.

113057-C	Complete Monitor System (includes driver card and sprockets)
113056	Replacement Touch Screen Scratch Protective Cover (2008 – 2014)
102203	Box, Touch Screen Enclosure (monitor system)
113058	Touch Screen Wire Harness (inside touch screen enclosure)(2008 – 2014)
105001	4WD Tractors Cable Extension (monitor system)(2008 – 2014)
103192	Cable, AgCam power w/ fuse holder and cigarette lighter adaptor
510773	Camera Mount
510774	Camera Mount Plate
510939	Monitor Swivel Mount
510940	Monitor Mount
510966	Sensor Mount (used on transition auger, elevator & straw chopper)
510967	Sensor Mount (used on vacuum fan & shaker pan)
511150	Sensor Mount (used on threshing cylinder)

# ELECTRICAL DIAGRAM 2015-Present



Pickup Head	100	90	80	70	60	50	40	30	20
Bin Level	346	340	116	240	1080	1000			

The top right side of the fuse holder opens to change the fuse. The top can also be rotated for easier access.

## Electrical Systems 2015 - Present

### Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	113085	Touch Screen Monitor (2015 – Present)
2.	113083	PLC, Monitor (programmable logic controller)(2015 – Present)
3.	113052	Relay Switch
4.	113078	Proportional Valve Driver (2015 – Present)
5.	113053	Power Converter
6.	106083	Fuse, Monitor System (GMA – 15)
7.	113054	Speed Sensor
8.	113055	Bin Level Sensor
9.	113084	Replacement Power/Communication Cord (Teal)(2015 – Present)
10.	113060	Replacement Yellow Cords
11.	113068	Replacement Bin Extension Cord
12.	113076	Replacement Bin Cord Molded on Both ends
13.	113069	Replacement Pickup Head Cord
14.	113061	Monitor 9" AgCam
15.	103186	Camera, AgCam (with out cables)
16.	103163	20' Camera Cable, AgCam
17.	103162	60' Camera Cable, AgCam

The following items are not shown.

113057-C	Complete Monitor System (includes driver card and sprockets)
113088	Replacement Touch Screen Scratch Protective Cover (2015 - Present)
102203	Box, Touch Screen Enclosure (monitor system)
103192	Cable, AgCam power w/ fuse holder and cigarette lighter adaptor
510773	Camera Mount
510774	Camera Mount Plate
510939	Monitor Swivel Mount
510940	Monitor Mount
510966	Sensor Mount (used on transition auger, elevator & straw chopper)
510967	Sensor Mount (used on vacuum fan & shaker pan)
511150	Sensor Mount (used on threshing cylinder)