

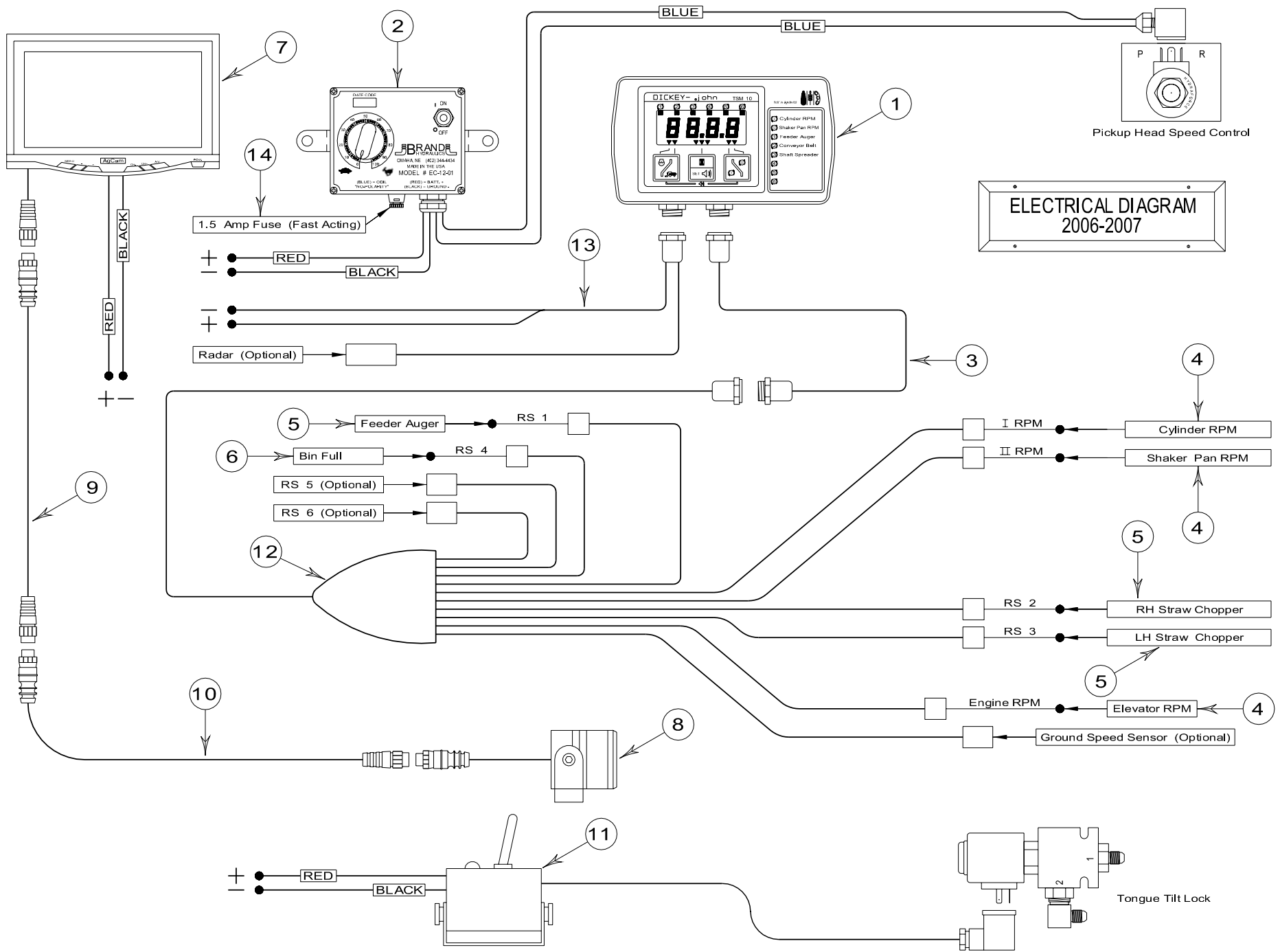
# Twin Master Combine

## **Electrical Systems**

## **Section 12**

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## Electrical Systems 2006-2007

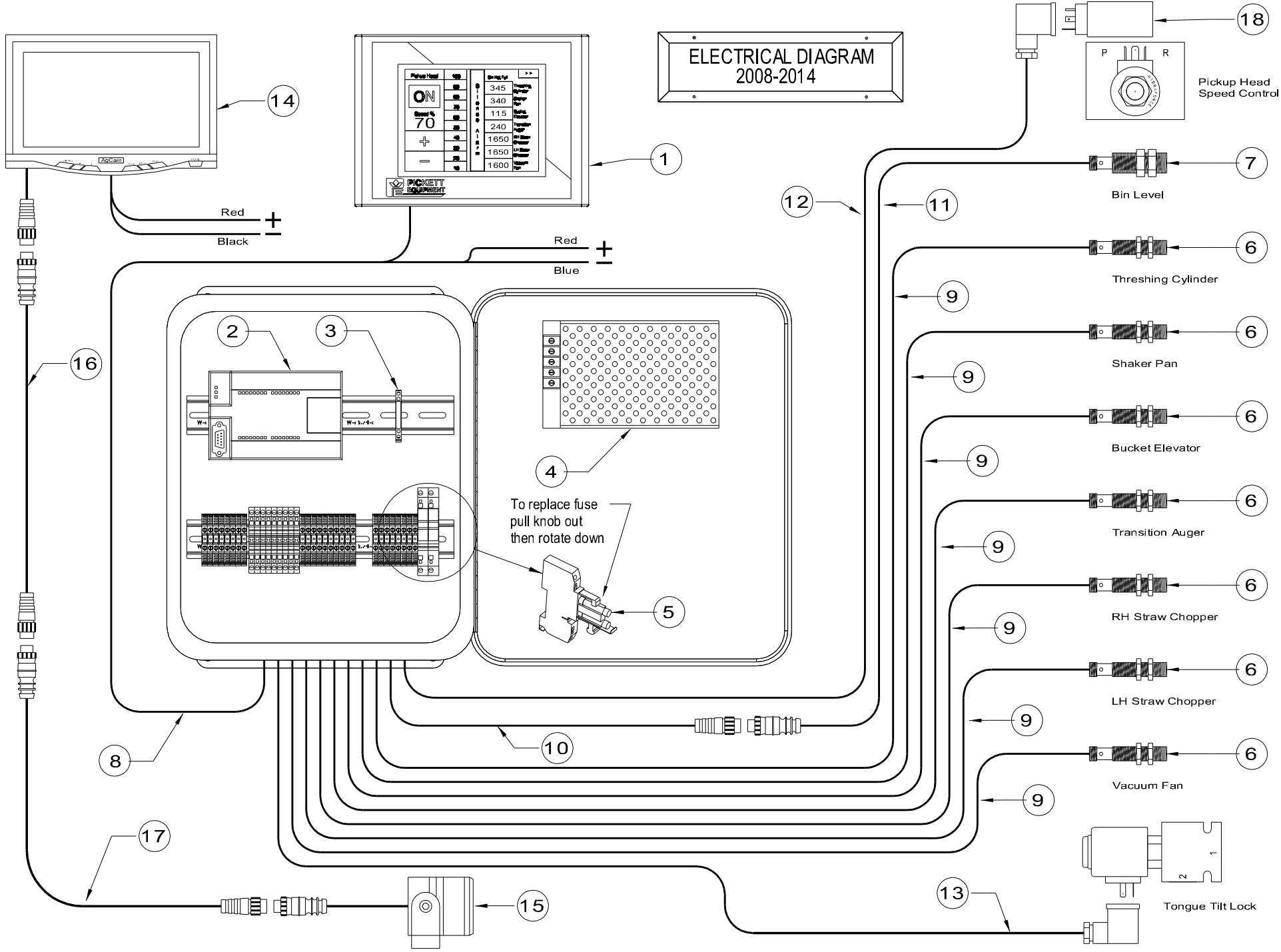
### Parts List

<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
4.	119172	3	Speed Sensor, Dickey-john
5.	119171	3	Motion Sensor, Dickey-john
6.	119249	1	Bin level sensor
7.	113059	1	Monitor 7" AgCam
8.	103186		Camera, AgCam (with out cables)
8a.	103164	2	Camera, AgCam (with cables)
9.	103163		20' camera cable, Ag cam
10.	103162		60' camera cable, Ag cam
11.	119259	1	Switch, on / off (tongue tilt lock)
12.	108214	1	Dickey-john wiring harness
13.	116032	1	Dickey-john power cord
14.	106047	1	Fuse
	103132		Ag cam kit (includes items 7, 8, 9 & 10)

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 DIAGRAM 2008-2014



14

1

18

Pickup Head Speed Control

Red +  
Black -

Red +  
Blue -

7

Bin Level

6

Threshing Cylinder

9

6

Shaker Pan

9

6

Bucket Elevator

9

6

Transition Auger

9

6

RH Straw Chopper

9

6

LH Straw Chopper

9

6

Vacuum Fan

9

13

Tongue Tilt Lock

16

8

17

4

To replace fuse  
pull knob out  
then rotate down

5

10

12

11

## Electrical Systems 2008-2014

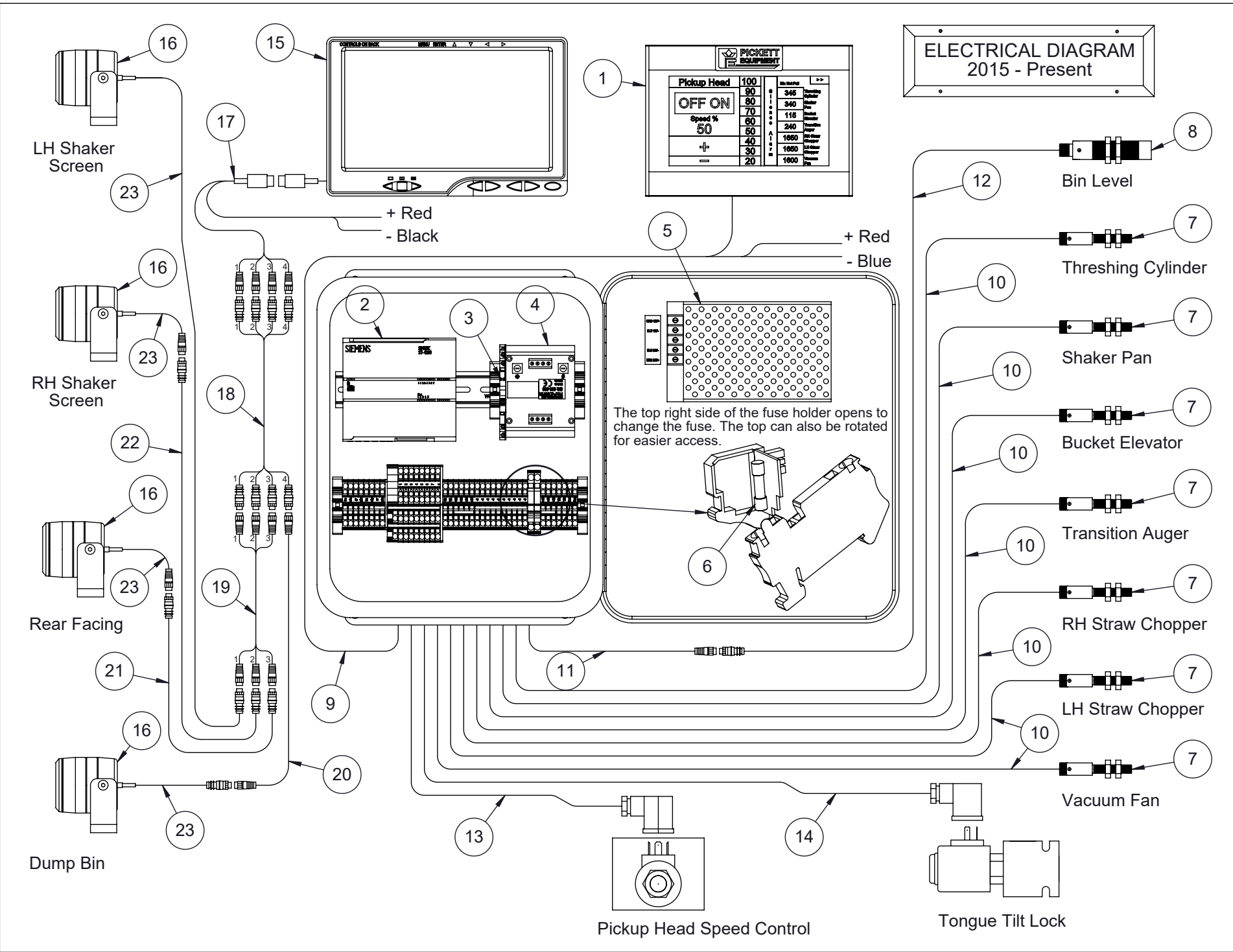
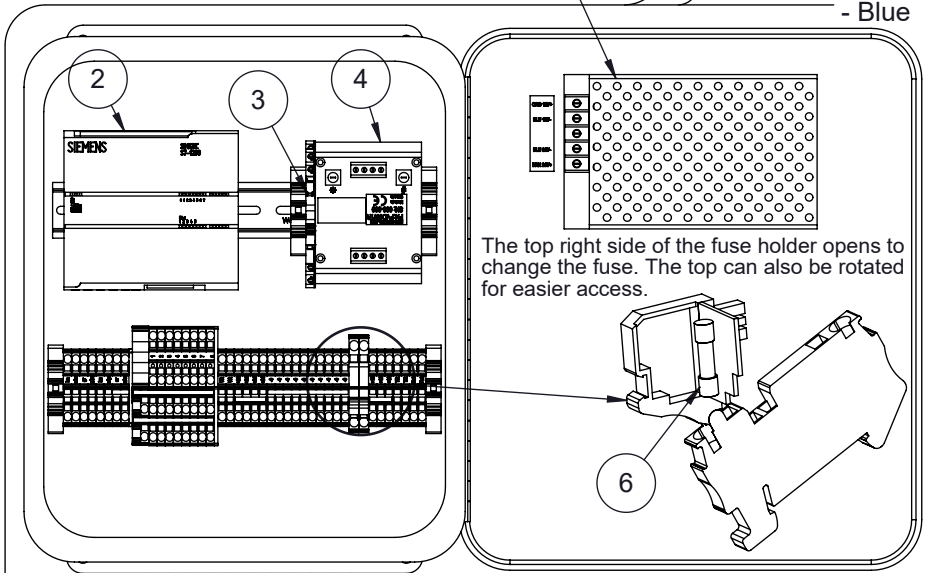
### Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1.	113050	1	Touch Screen Monitor (2008 to 2014)
2.	113051	1	PLC, Monitor (programmable logic controller) (2008 to 2014)
3.	113052	1	Relay Switch, Tongue Tilt
4.	113053	1	Power Converter
5.	106083	2	Fuse, Monitor System (GMA – 15)
6.	113054	7	Speed Sensor
7.	113055	1	Bin Level Sensor
8.	113062	1	Replacement Power/Communication Cord (2008 to 2014)
9.	113060	7	Replacement Yellow Cords
10.	113068	1	Replacement Bin Cord
11.	113076	1	Replacement Bin Cord Molded on Both Ends
12.	113069	1	Replacement Pickup Head Cord
13.	113070	1	Replacement Tongue Tilt Lock Cord
14.	113061-w/Quad		Monitor 9" with built in Quad Processor AgCam
15.	103186	2	Camera, AgCam (without cables)
15a.	103164		Camera, AgCam (with cables 1 – 20' & 1 – 60')
16.	103194		10' Camera Cable, AgCam
16a.	103163		20' Camera Cable, AgCam
17.	103195		50' Camera Cable, AgCam
17a.	103162		60' Camera Cable, AgCam
18.	113043	1	Proportional Valve Driver (2008 To 2014)
	103132		Ag cam kit (includes items 14, 15, 16a & 17a)
The following items are not shown.			
	113057-C		Complete Monitor System (includes driver card and sprockets)
	113056		Replacement Touch Screen Scratch Protective Cover (2008 to 2014)
	102203	1	Box, Monitor Enclosure (monitor system)
	113058	1	Touch Screen Wire Harness (inside monitor enclosure)(2008 to 2014)
	105001		4WD Tractors Cable Extension (monitor system)(2008 to 2014)
	113064		Bin Weight System 2008 & 2009 Combines
	113065		Bin Weight System 2010 to 2014 Combines
	103184		AgCam, 9" Screen w/ 2 Cameras
	103192		Cable, AgCam power w/ fuse holder and cigarette lighter adaptor
	510773	1	Camera Mount
	510774	1	Camera Mount Plate
	510939	1	Monitor Swivel Mount
	510940	1	Monitor Mount
	510966	5	Sensor Mount (straw choppers, elevator, fan & transition auger)
	510967	1	Sensor Mount (shaker pan)
	510968	1	Sensor Mount (threshing cylinder)

# ELECTRICAL DIAGRAM 2015 - Present

PICKETT EQUIPMENT

Pickup Head	100	345
	90	345
	80	340
	70	116
	60	240
Speed %	50	1050
	40	1050
	30	1050
	20	1000



## Electrical Systems 2015-Present

### Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1.	113085	1	Touch Screen Monitor (2015 to Present)
2.	113083	1	PLC, Monitor (programmable logic controller) (2015 to Present)
3.	113052	1	Relay Switch, Tongue Tilt Lock
4.	113078	1	Proportional Valve Driver (2015 to Present)
5.	113053	1	Power Converter
6.	106083	2	Fuse, Monitor System (GMA – 15)
7.	113054	7	Speed Sensor
8.	113055	1	Bin Level Sensor
9.	113084	1	Replacement Power/Communication Cord (Teal)(2015 to Present)
10.	113060	7	Replacement Yellow Cords
11.	113068	1	Replacement Bin Cord
12.	113076	1	Replacement Bin Cord Molded on Both Ends
13.	113069	1	Replacement Pickup Head Cord
14.	113070	1	Replacement Tongue Tilt Lock Cord
15.	113061-w/Quad	1	Monitor 9" with built in Quad Processor AgCam
16.	103186	4	Camera, AgCam (without cables)
17.	113077		Monitor Wire Harness AgCam
18.	113079	1	38' Junction Camera Cable, 4 Wire AgCam
19.	113080	1	14' Junction Camera Cable, 3 Wire AgCam
20.	113082	1	26' Camera Cable, AgCam
21.	103163	1	20' Camera Cable, AgCam
22.	113081	1	6' Camera Cable, AgCam
23.	103197		Camera Pigtail Cable AgCam

The following items are not shown.

113057-C			Complete Monitor System (includes driver card and sprockets)
102203	1		Box, Monitor Enclosure (monitor system)
113087			Bin Weight System 2015 to Present Combines
113096	1		Touch Screen Wire Harness (inside monitor enclosure)(2015 to Present)
510773	1		Camera Mount (2015 to 2017)
510774	1		Camera Mount Plate (2015 to 2017)
510939	1		Monitor Swivel Mount (2015 to 2017)
510940	1		Monitor Mount (2015 to 2017)
118050	1		Touch Screen Mount 4 bolt ball base (2018 to Present)
118053	1		9" AgCam Monitor Mount track ball base (2018 to Present)
118051	2		Suction Mount ball base (2018 to Present)
118052	2		Ball Mount Arm (2018 to Present)
510966	5		Sensor Mount (straw choppers, elevator, fan & transition auger)
510967	1		Sensor Mount (shaker pan)
510968	1		Sensor Mount (threshing cylinder)