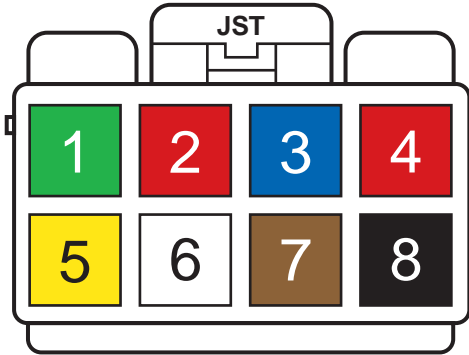
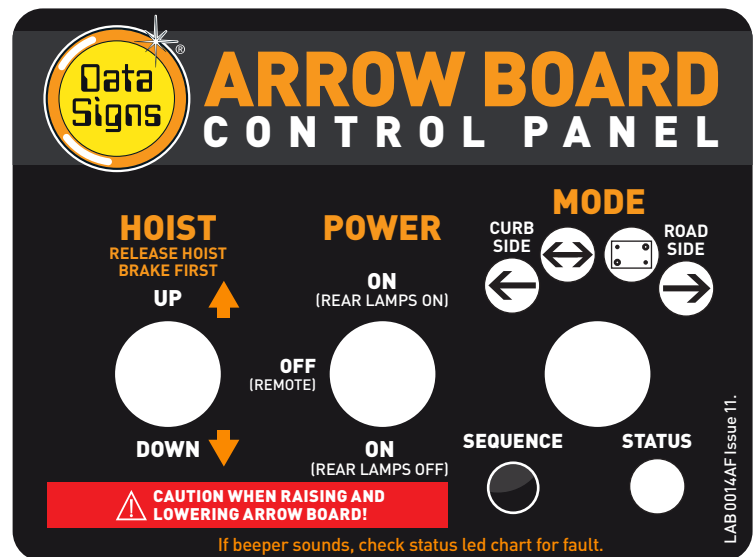
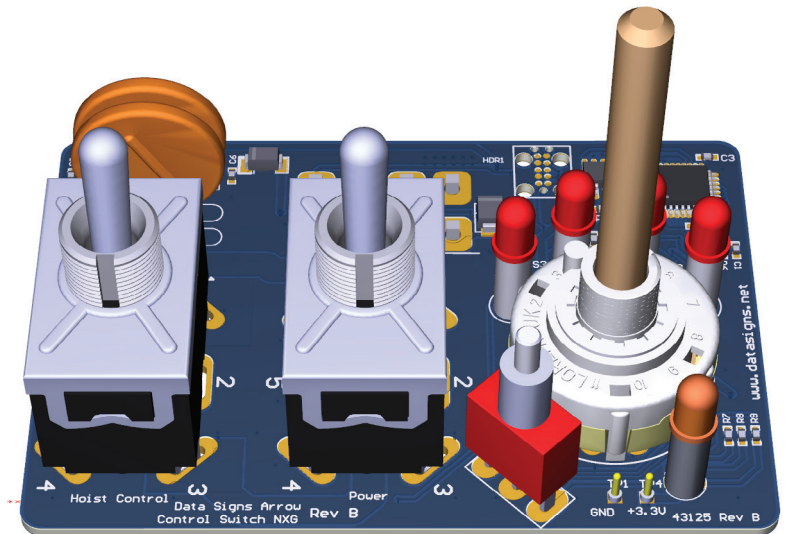


ARROW CONTROL PANEL



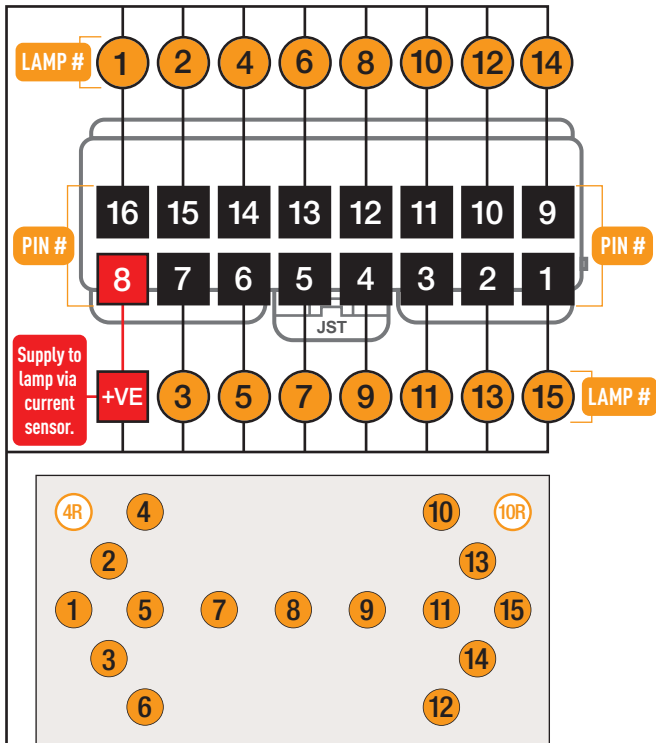
JST CONNECTOR – 8 PIN

Pin 1	RS-485 A	GREEN
Pin 5	RS-485 B	YELLOW
Pin 2	+ 12V Switch Output	RED
Pin 6	Not Used	
Pin 3	Hoist Lift +	BLUE or Pump Raise
Pin 7	Hoist Lift -	BROWN or Release Valve
Pin 4	+VE 12V Input	RED from FUSE PANEL
Pin 8	GND	BLACK from BATTERY

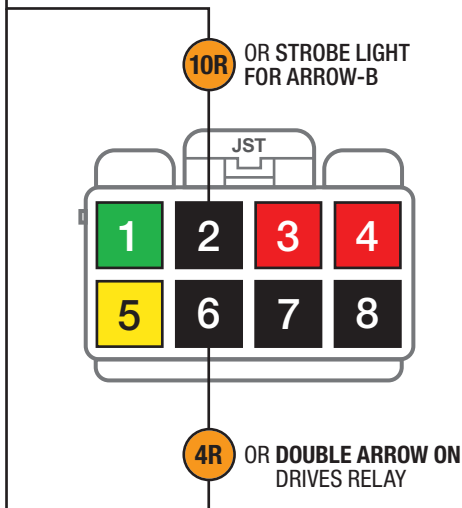


ARROW WIRING

SIGN HEAD CONTROLLER



CONTROL PANEL CONNECTOR AND SIGN HEAD CONTROLLER



Common connection on both

SIGN HEAD CONTROLLER INSIDE ARROW SIGN HEAD

Pin 1	LAMP 15	BLACK 1.5mm
Pin 9	LAMP 14	BLACK 1.5mm
Pin 2	LAMP 13	BLACK 1.5mm
Pin 10	LAMP 12	BLACK 1.5mm
Pin 3	LAMP 11	BLACK 1.5mm
Pin 11	LAMP 10	BLACK 1.5mm
Pin 4	LAMP 9	BLACK 1.5mm
Pin 12	LAMP 8	BLACK 1.5mm
Pin 5	LAMP 7	BLACK 1.5mm
Pin 13	LAMP 6	BLACK 1.5mm
Pin 6	LAMP 5	BLACK 1.5mm
Pin 14	LAMP 4	BLACK 1.5mm
Pin 7	LAMP 3	BLACK 1.5mm
Pin 15	LAMP 2	BLACK 1.5mm
Pin 8	Common "sensed" supply to all lamps, inc. rear lamps	
Pin 16	LAMP 1	BLACK 1.5mm

JST CONNECTOR FOR SIGNS HEAD AND CONTROL PANEL

Pin 1	RS-485 (A)	GREEN 1.5mm
Pin 5	RS-485 (B)	YELLOW 1.5mm
Pin 4	12V INPUT	RED 1.5mm
Pin 8	GND INPUT	BLACK 1.5mm

HEAD SIDE ONLY

Pin 2	Back Dot 10 OR Strobe Lights	BLACK 1.5mm
Pin 6	Back Dot 4 OR Double Arrow On	BLACK 1.5mm
Pin 3	Lift +	RED 1.5mm
Pin 7	Lift -	BLACK 1.5mm

CONTROL PANEL SIDE ONLY

Pin 2	BROWN WIRE TO ACTUATOR
Pin 3	BLUE WIRE TO ACTUATOR
Pin 6	GND OUTPUT TO HEAD CONTROLLER
Pin 7	+12 OUTPUT TO HEAD CONTROLLER



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