



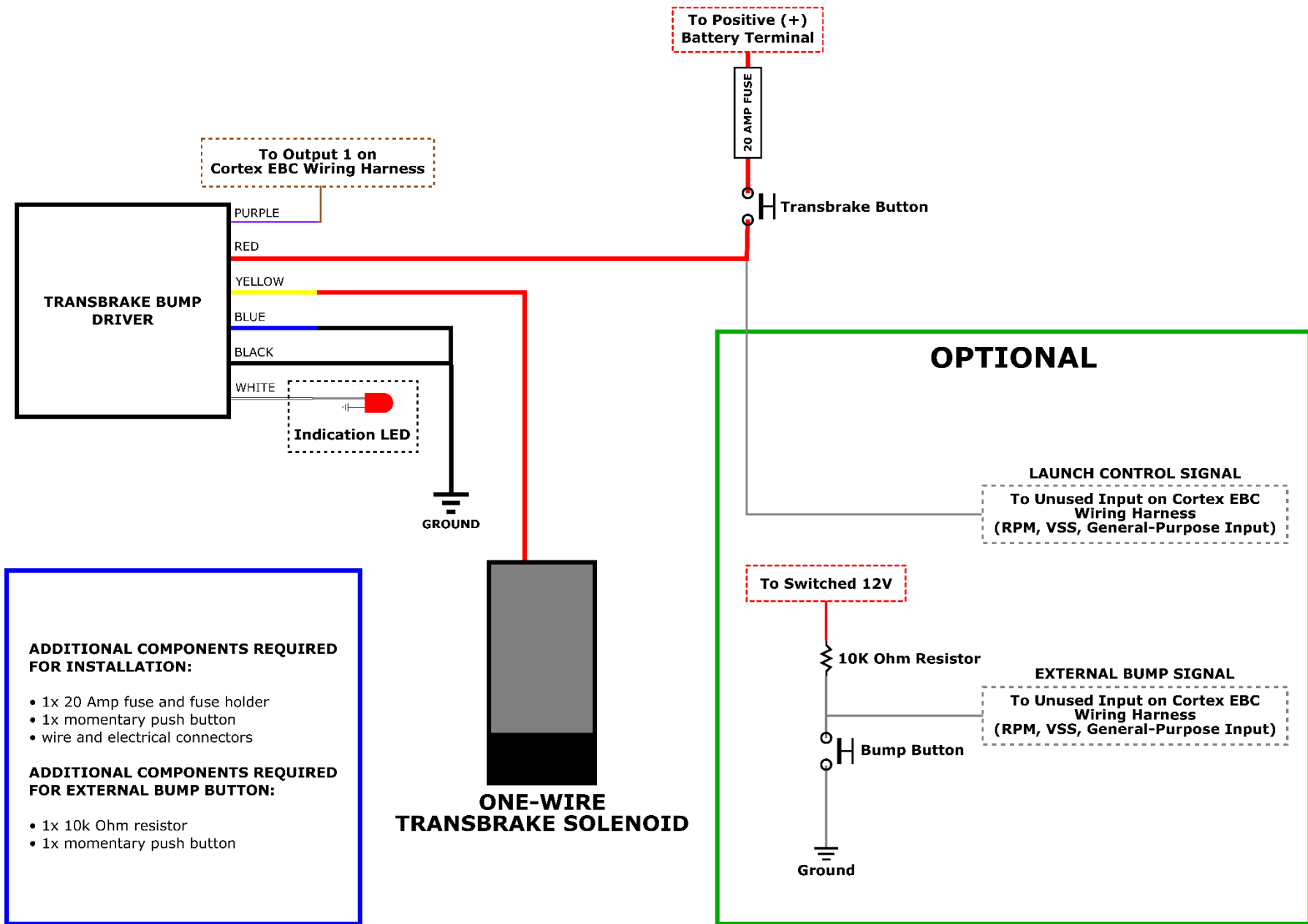
TRANSBRAKE BUMP DRIVER INSTALLATION INSTRUCTIONS

Rev 1.0.0

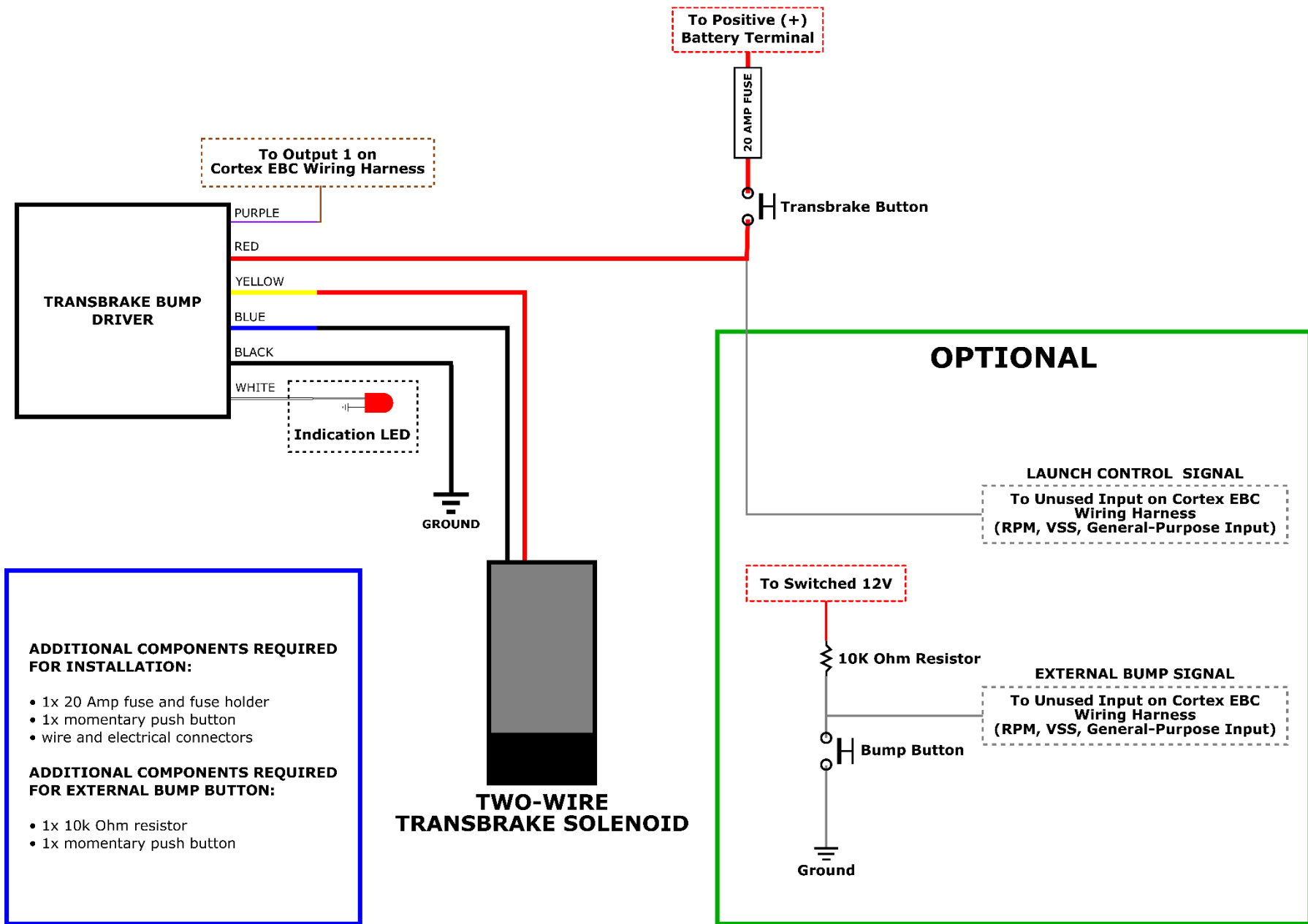
The Transbrake Bump Driver is required to utilize the Cortex EBC's transbrake bump control functionality. These drivers can be used with any one-wire or two-wire transbrake solenoid that draws 20 Amps or less. The Transbrake Bump Driver is specifically designed for transbrake bump control, and should not be used to provide PWM control for high-speed solenoids.

<p>INCLUDED COMPONENTS</p> <ul style="list-style-type: none">• Transbrake Bump Driver• 12 V Diffused Indication LED (Red, Green Blue) <p>CONTROL DEVICE COMPATIBILITY</p> <ul style="list-style-type: none">• Cortex EBC <p>ACTIVATION METHOD</p> <ul style="list-style-type: none">• The Transbrake Bump Driver is activated by pulling the control input (purple wire) to ground.	<p>CONTROL INPUT PULL-UP RESISTANCE</p> <ul style="list-style-type: none">• 500 Ω pull-up to supply voltage <p>MAXIMUM CURRENT</p> <ul style="list-style-type: none">• 20 Amps <p>MAXIMUM PWM FREQUENCY</p> <ul style="list-style-type: none">• N/A <p>SIZE</p> <ul style="list-style-type: none">• 66.5 mm x 50 mm x 20 mm (2.62 in x 1.97 in x 0.79 in)
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ONE-WIRE SOLENOID WIRING DIAGRAM



TWO-WIRE SOLENOID WIRING DIAGRAM



- ADDITIONAL COMPONENTS REQUIRED FOR INSTALLATION:**
- 1x 20 Amp fuse and fuse holder
 - 1x momentary push button
 - wire and electrical connectors
- ADDITIONAL COMPONENTS REQUIRED FOR EXTERNAL BUMP BUTTON:**
- 1x 10k Ohm resistor
 - 1x momentary push button