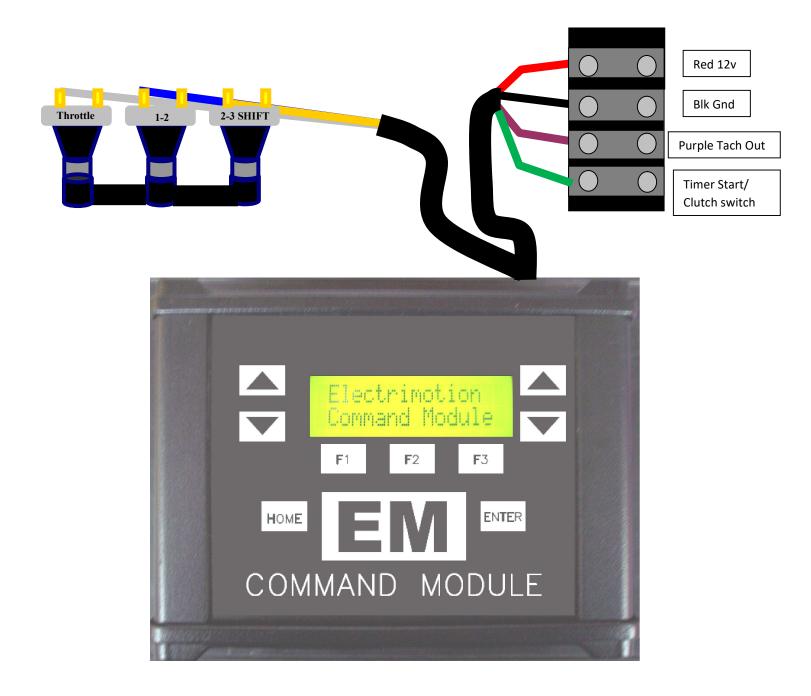
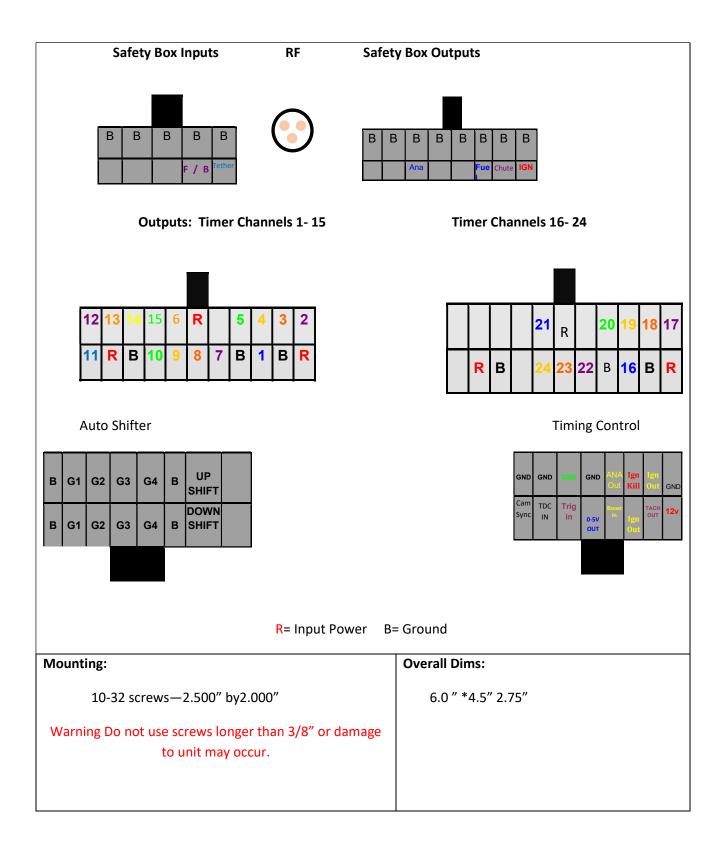
## **Electrimotion Timing Controller Hookup Diagram**

## With 2 step rev limiter



Power Input connector:	Start Configuration:
2 pin plug (red-black) wires 9-16 volt input	Timer starts when start (Green Wire) <u>is not</u> grounded. Timer Resets after 8 seconds
***Make sure the Command Module is grounded to the point box .	1-2 Shift Short Blue and Black Wire.
Tach Out:	2-3 Shift
Purple Wire (Rpm output) To Tach	Short Yellow and Black Wire.
To Racepak and Tachometer.	AutoShifter Connectors:
Start wires:	16 Pin Molex Connector on the left.
(Green) starts channels 1-8 and timing controller	
(Blue) starts channels 9-16 and timing 1-2 shift	Timing Monitor Connections:
(Yellow) starts channels 17-24 and timing 2-3 shift	TDC input 3 pin Black Molex Connector
(White) Start Enable Wire, Must be grounded for timer to start	0-5v Analog Out 3 pin White Molex Connector
Crank Trigger Input: 2 pin female amp connector (To Grey cable) Trigger Signal Output: 2 pin male amp connector (To Grey cable) Ignition Kill: 12V on this pin is required for timing controller to run. Removing 12v from this pin will shutoff the ignition output. Cam Sync: 3 pin Grey Deutsch DTM (red,white,black), connect to cam sync pickup. Must be triggered between last cly and	Scaled Buffer Channel Parameters   Name: OK   Specify Linear Conversion OK   Raw data value A: I   Raw data value A: I   Image System Image System   Display: Image System   Minimum result value: 20   Image System Image System   Image System I
output. Cam Sync:	



## Alky F/C 2 step wiring diagram.

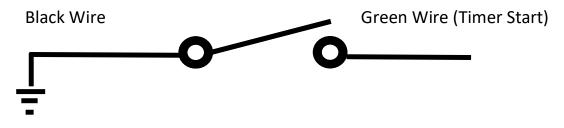
The Command Module two step function can be used in Alky Funny car as of 2023.

Existing Command Modules Ver 4.00 or later have the 2-step function built in and can be enabled with a change in parameters.

However, we also have an update that adds a "start enable wire" which makes the wiring and function of the 2 step more conducive to TAFC class.

If you are interested in the new "Start enable wire" feature, your CM will need to be sent back to EM for the modification. Wiring of Start enable and Timer Start are shown below.

Clutch Switch, Switch Closed when Clutch is down.



Throttle Switch, Switch Closed when Throttle is down.

