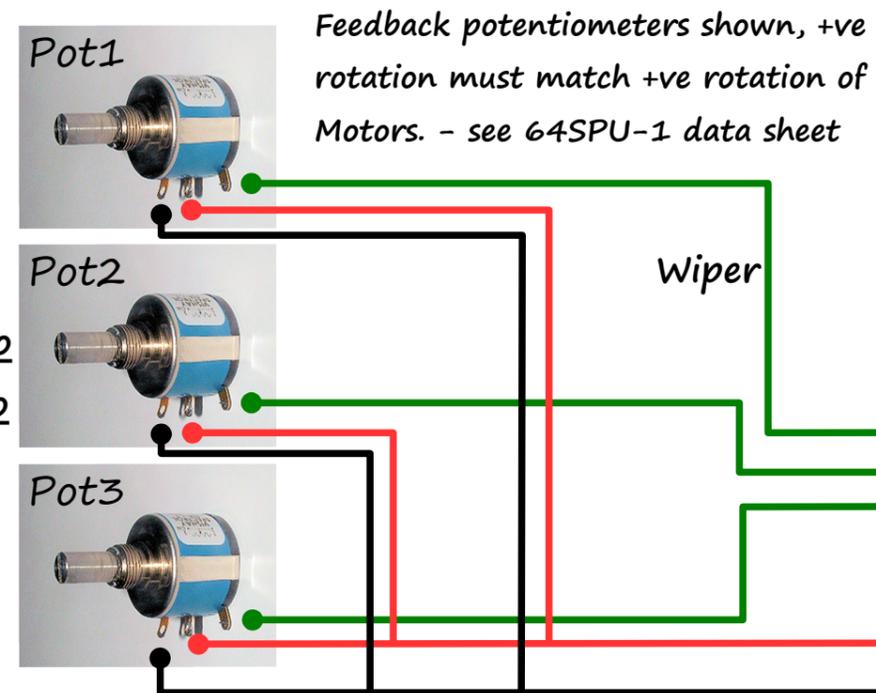
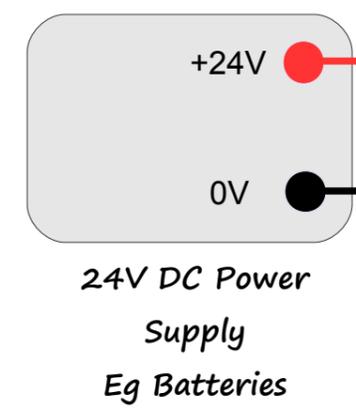


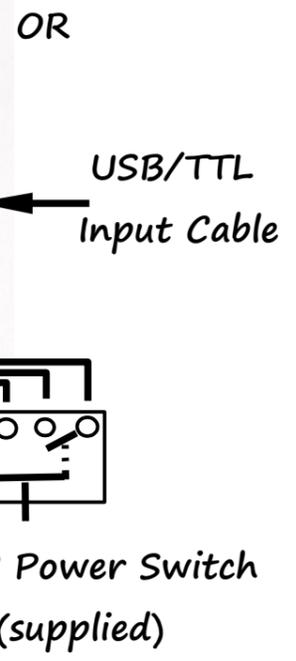
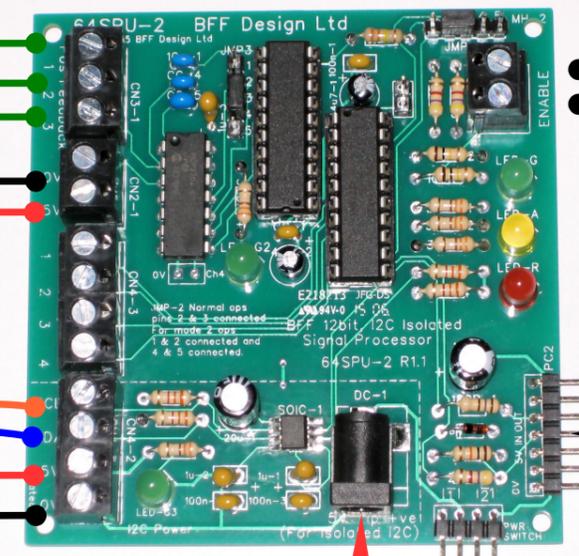
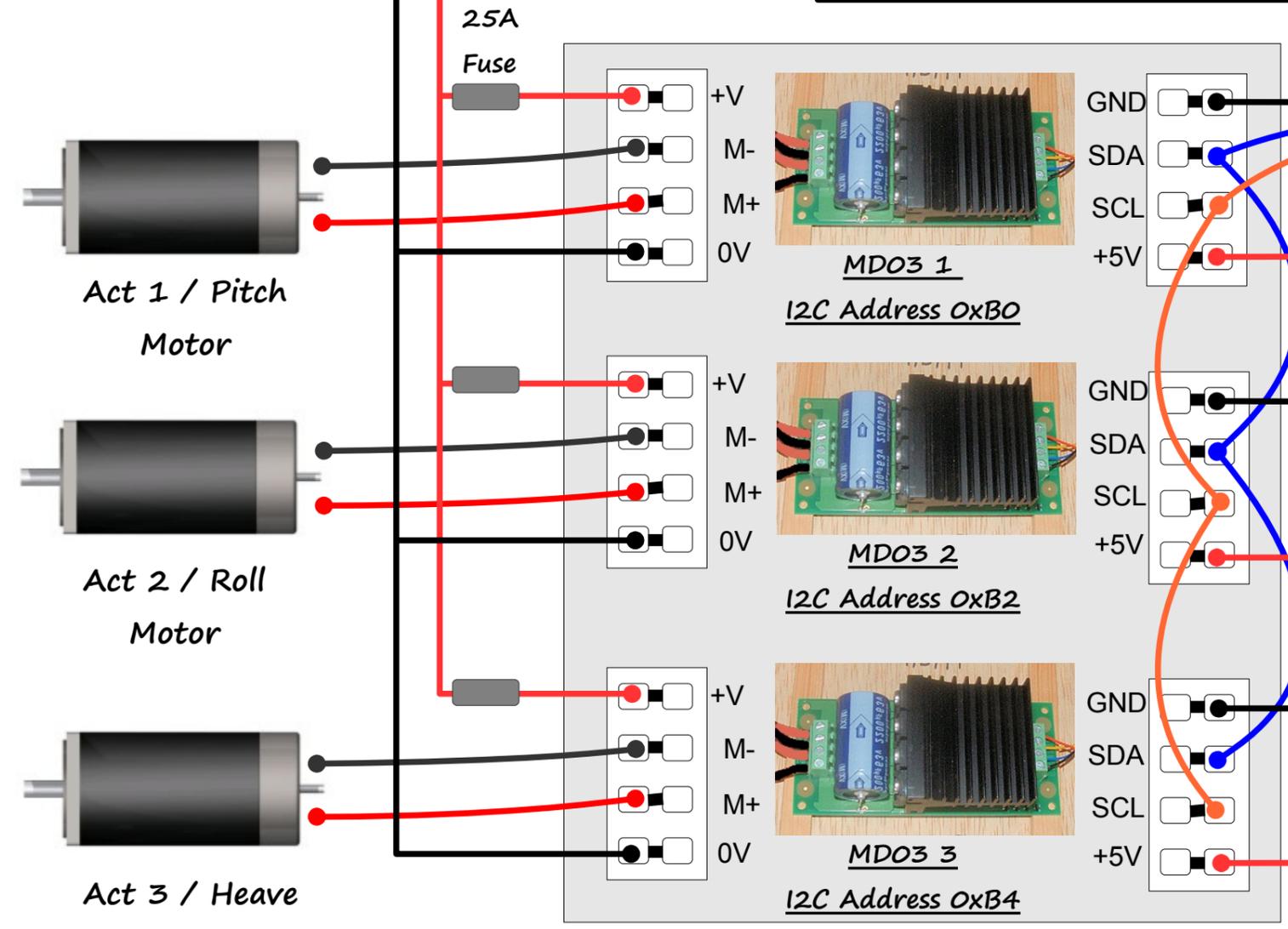
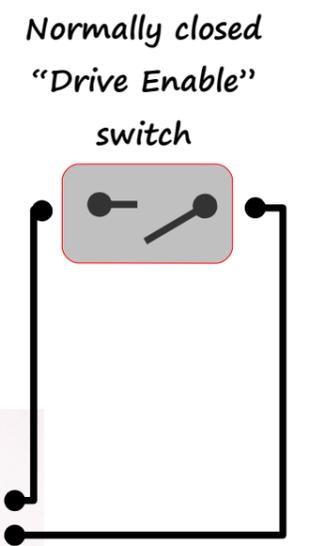
DIY Motion Platform Illustrative System Wiring - 64SPU-2

24V DC PM Motors up to 20Amp nom ea.
 Power supply to match - it must be able to sink current. Note MDO3's rated to 20 Amp ea. See MDO3 documentation for motor noise suppression requirements.



Max wire length between 64SPU-1 and MDO3's - 300mm.
 Avoid loops in the logic GND wiring.
 Keep 64SPU-2 AWAY from high current end of MDO3's.

64SPU-2 Signal Processor
 See data sheet for full details of connections



IMPORTANT
 Actuator normally closed limit switches MUST be wired in the 5V to MDO3 line as Emergency Stop trip switches (note up to 6 needed - only 2 shown). An additional NC switch should be added as a manual Emergency Stop button.