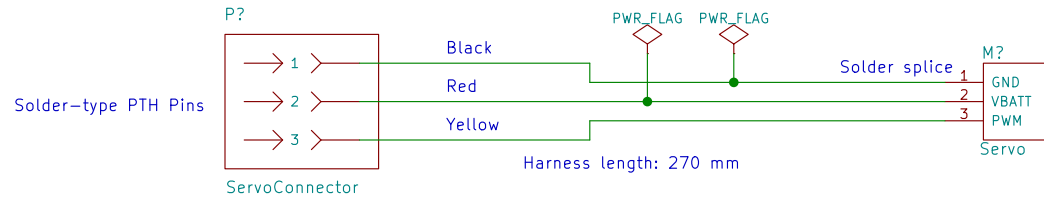


# Connector Housing Detail A (Expanded view of Servo Motor 0 connection):

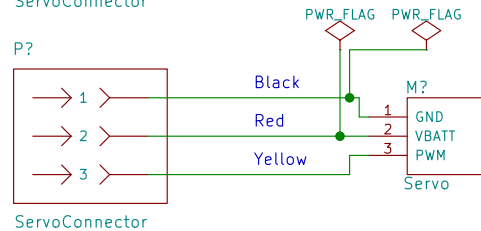
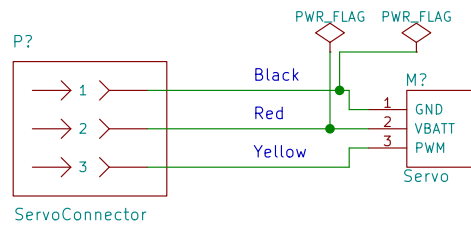
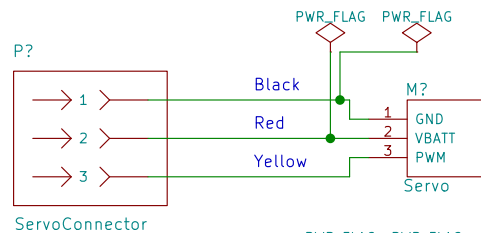
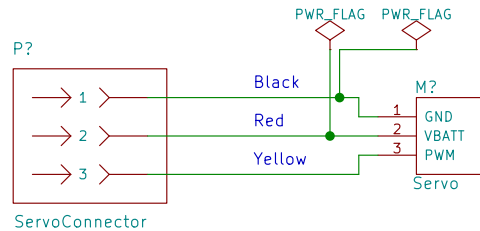
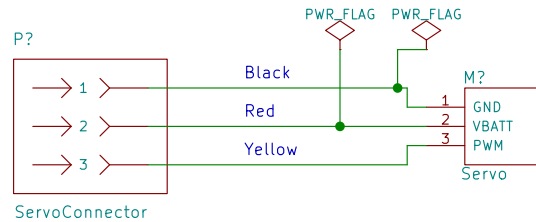
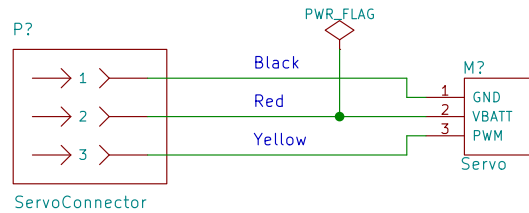
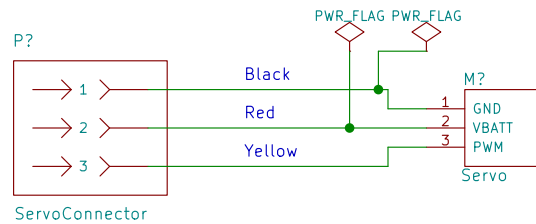
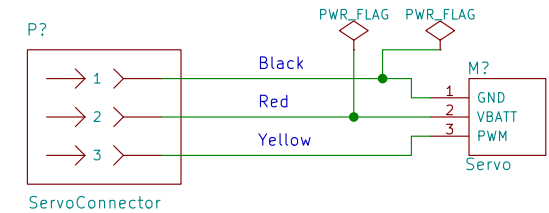
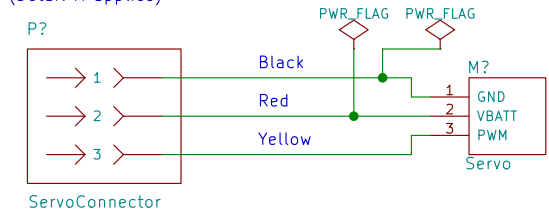
Connector board-side housing: Molex 0705530002  
Pins: Integrated

Wiring harness termination housing: Molex 0050579403  
Sockets: Molex 0016020086



All power and signal wires shall be 24 AWG  
Based on [http://www.powerstream.com/Wire\\_Size.htm](http://www.powerstream.com/Wire_Size.htm)

## Turret steering Servo Motor connections: (Detail A applies)



Based on scheme found in:  
[http://i0.wp.com/roboticsforroboticists.com/wp-content/uploads/2014/03/Wire\\_Harness.png](http://i0.wp.com/roboticsforroboticists.com/wp-content/uploads/2014/03/Wire_Harness.png)

## Schematic Description: Servo Wiring

Sheet: /  
File: TARS\_TopLevel\_WiringDiagram.sch TARS Robotics

Schematic Control Number: TARS-SCH-EE00001

Schematic Design Engineer: Abhimanyu Ghosh

Schematic Design Review Engineer: Abhimanyu Ghosh

Size: USLetter Release Date: 03/11/2016 Rev: 0.1

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