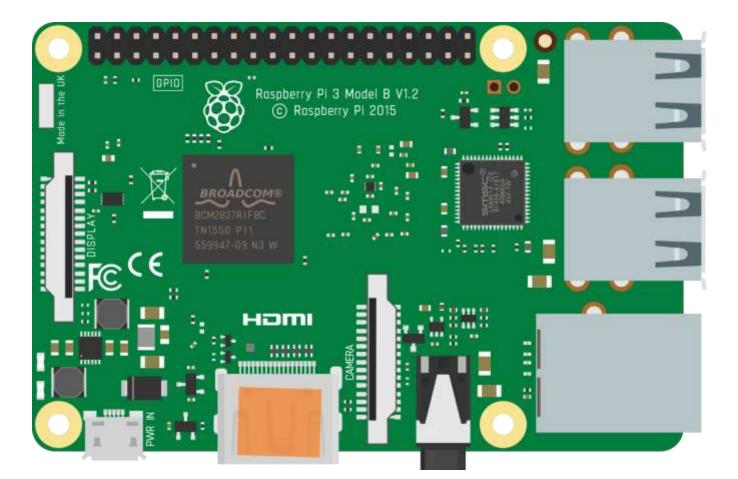
Last Updated 2020.11.01

Note: This guide is secondary to the wiring guide using beaglebone blue, which has more extensive testing and more details. The selections for pi on wire colors, configurations, and pin locations are improving continuously.



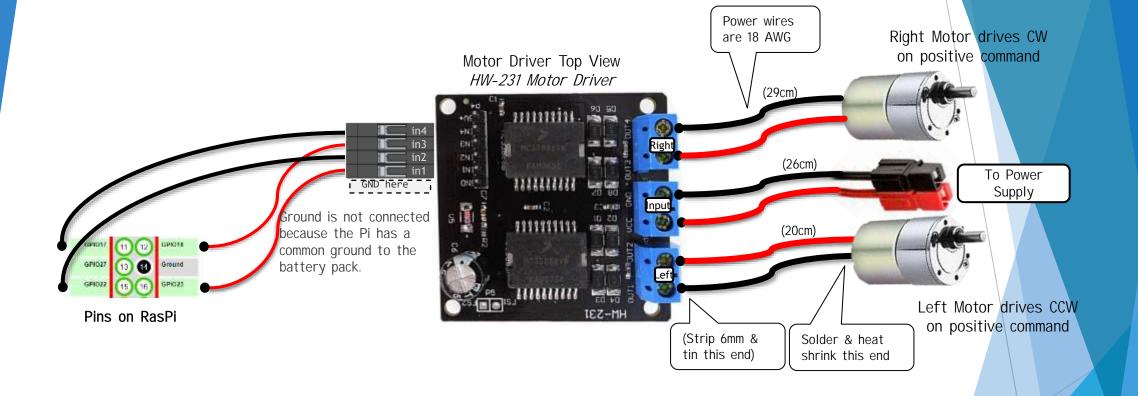






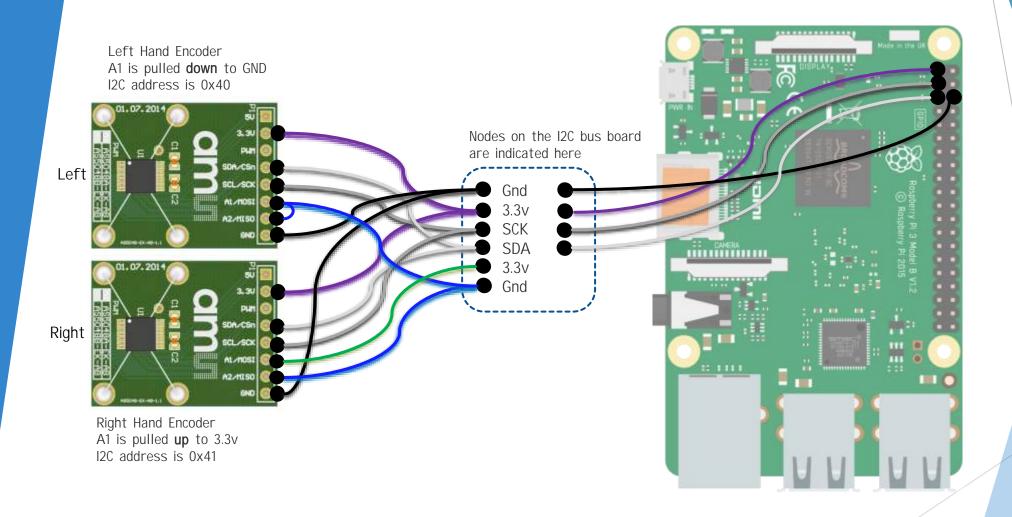
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Motor Driver Signal Cables



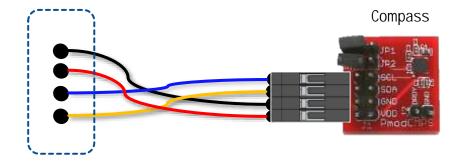
Motor Driver Signal Cables Keep the wires bonded To each other, if possible. Top View HW-231 Motor Driver Pins on RasPi Right Motor Left Motor

Encoder AMS AS5048 (I2C)



Compass CMPS or CMPS2 (12C)

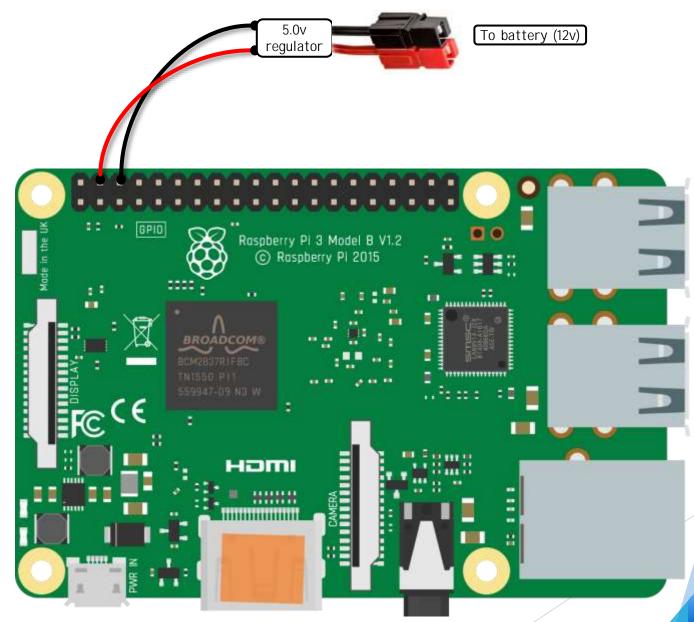
Plugs into I2C Bus Board



This compass is not necessary since you can access the compass on the beaglebone blue. Be sure to calibrate the compass on the blue since it lies within close proximity of magnetic hardware on the robot.

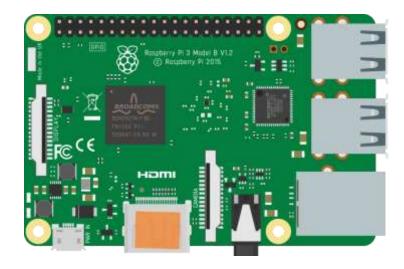


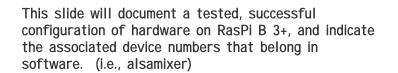
Power

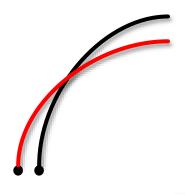


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Configuration for remo.tv











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