

Wheel color						servo	
	Top right wheel	Bottom right wheel	Top left wheel	bottom left wheel		pin 22	
positive wire	white	yellow	orange	red			
negative wire	blue	grey	black	brown			
Motor Driver TB6612FNG						IMU BNO055	Arduino Mega2560
	Motor driver 1	Motor driver 2				SCL	digital 21
PWMA	pin 5	11				SDA	digital 20
AIN2	4	12				Vin	5V
AIN1	2	13				GND	GND
STBY	9	15					
BIN1	7	10					
BIN2	8	14				GPS	Arduino Mega2560
PWMB	6	3				RX	TX1 PIN 18
GND						TX	RX1 PIN 19
VM	positive head in t	positive head in battery					
VCC	5V in Arduino	5V in Arduino					
GND	GND in arduino	GND in arduino					
A01	white						
A02	blue						
B02	black						
B01	orange						
GND							