



Wheel Encoder Assembly

Contains an encoder wheel with notches in it for detecting rotation of the wheel. Each encoder has one IR emitter and one dual photo transistor for detecting the wheels movements and direction of movement

Wheel Encoder/PIC Interface Board

Connects the wheel encoders to the pic. Uses a 7414 Schmidt triggered inverter to remove any unwanted signals.

Tamiya High Power Gearbox

Gearbox that offers a gear reduction and provides some torque to get the bot to move on rough or carpeted surfaces.