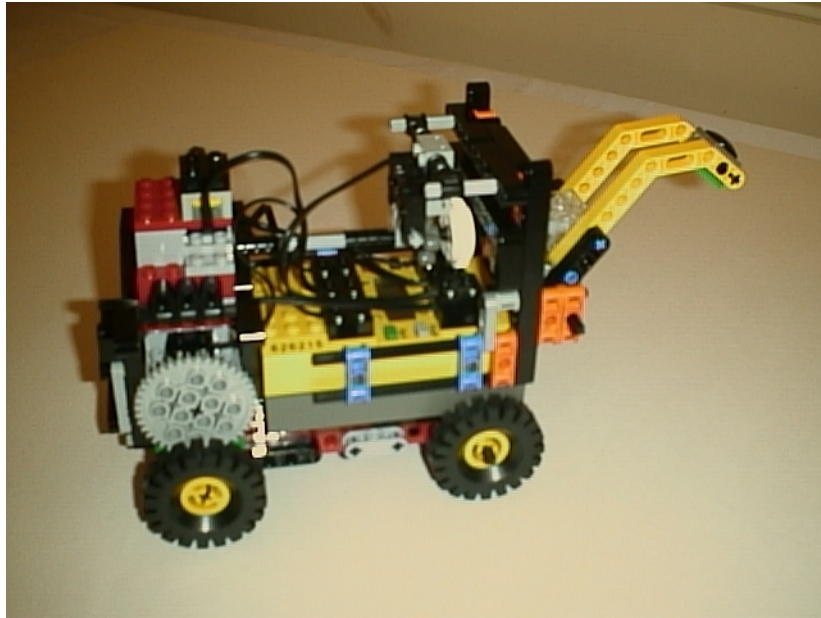
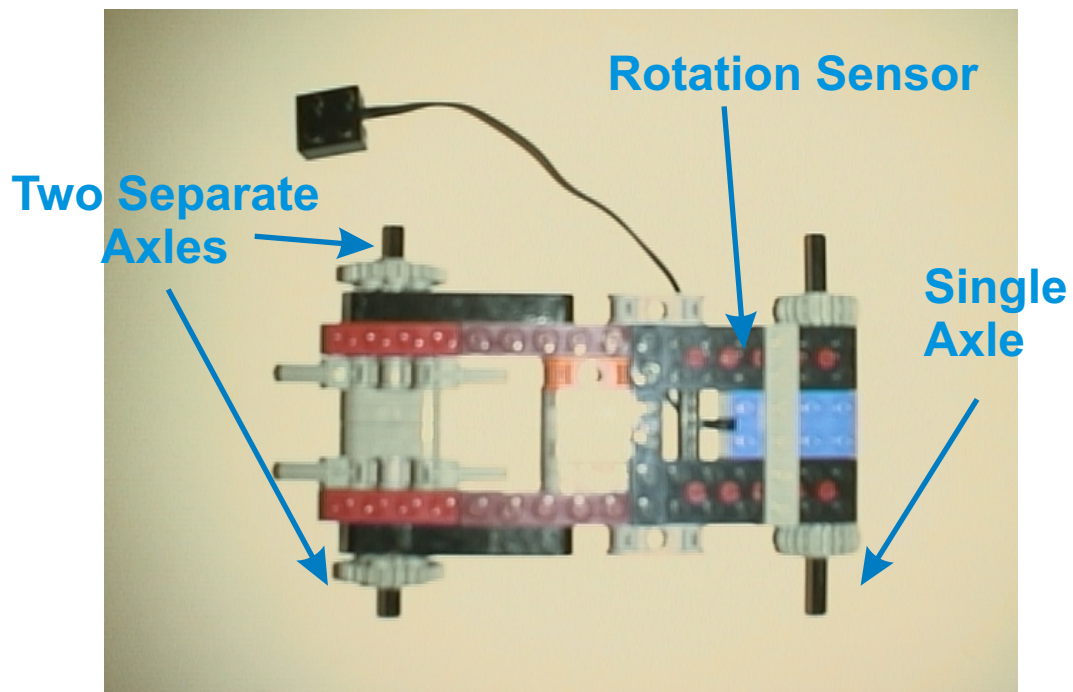


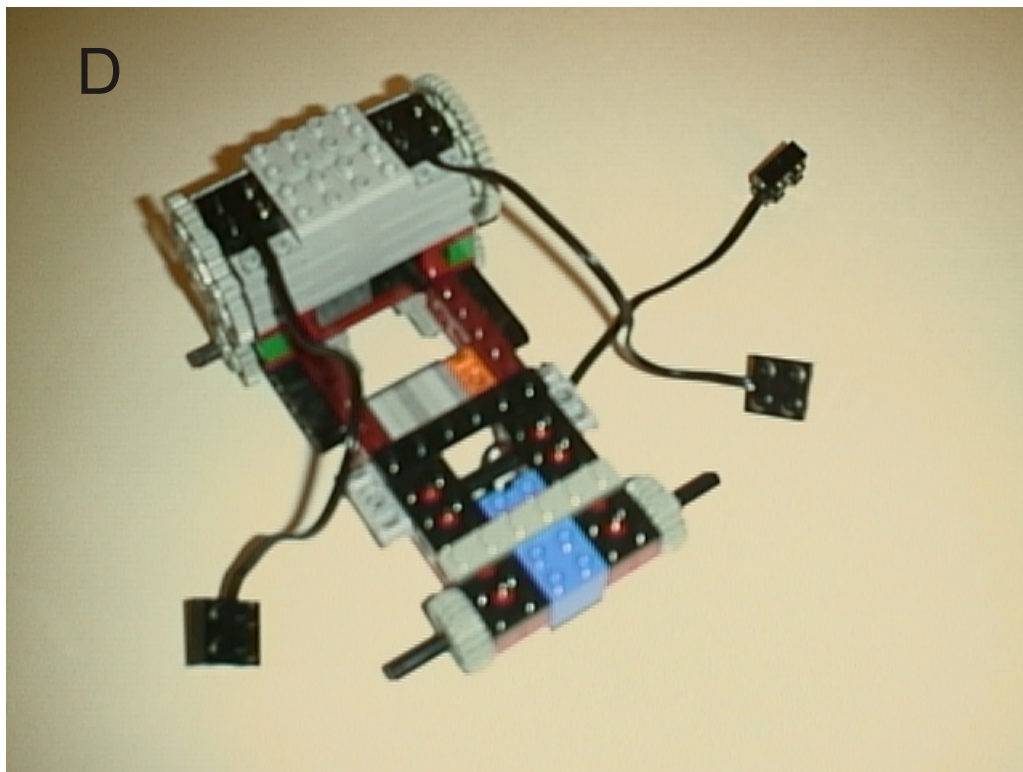
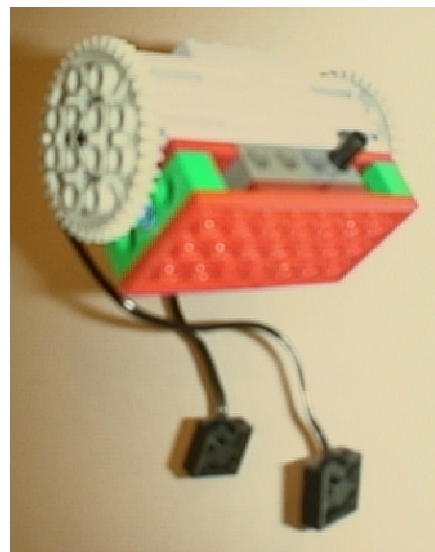
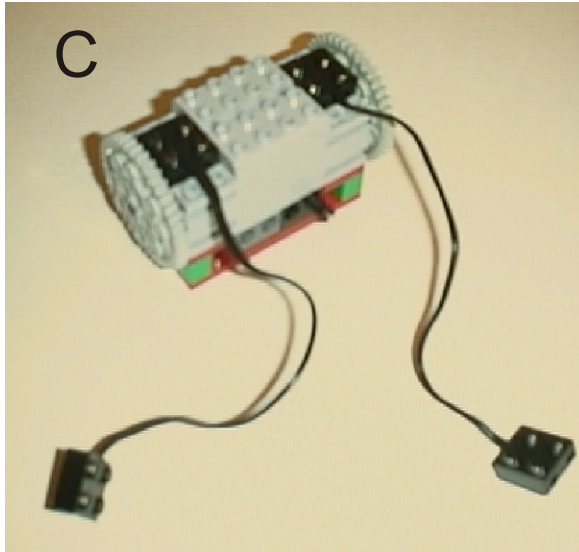
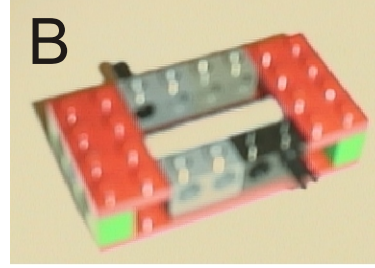
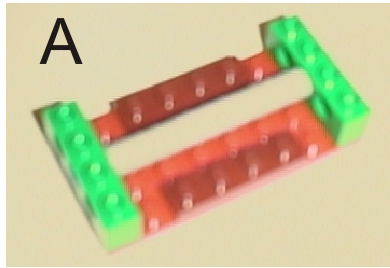
ROBOT DESIGN



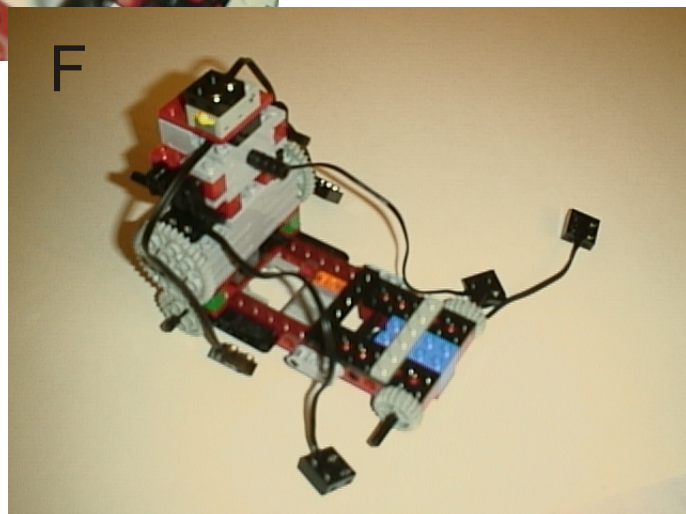
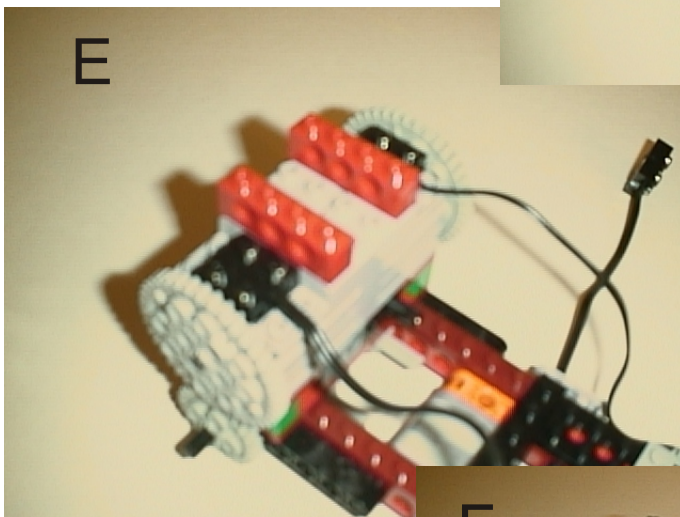
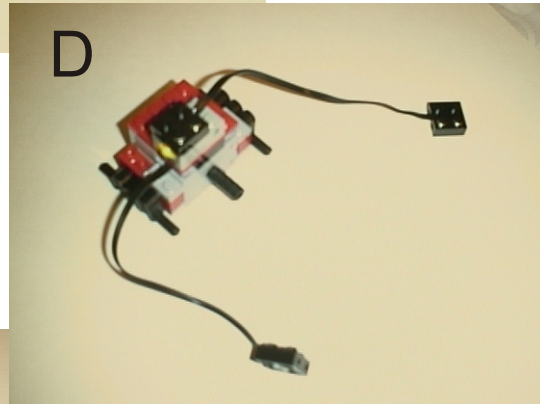
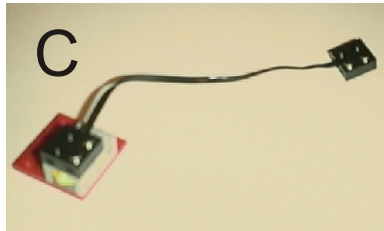
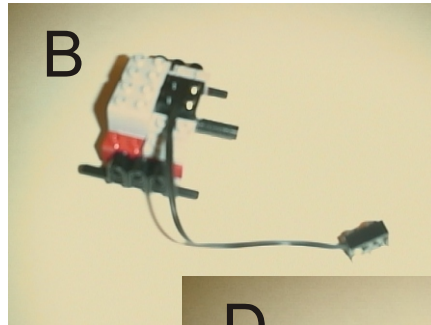
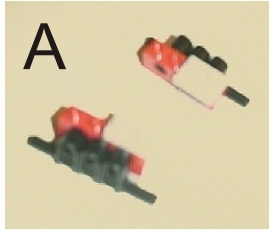
Step 1: The Drive



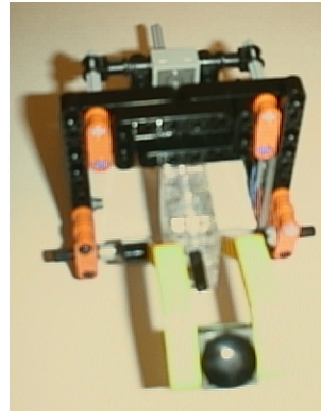
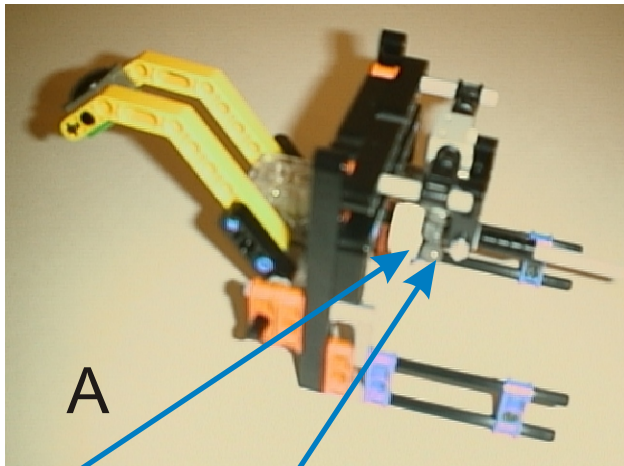
Step 2: Drive Motors



Step 3: Motor for Skid and Manipulators

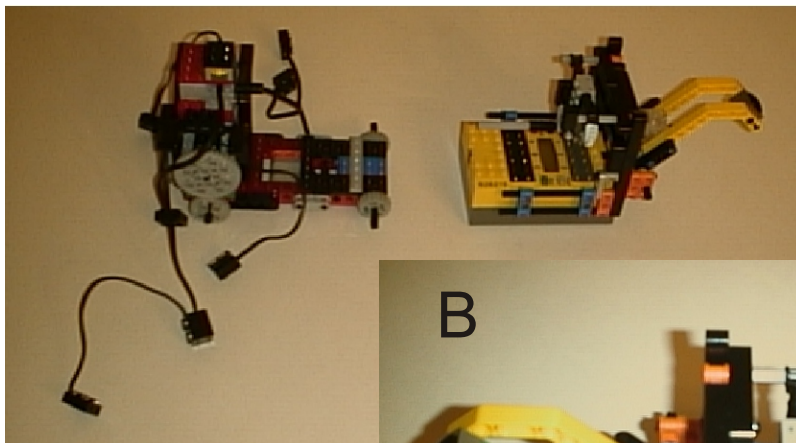
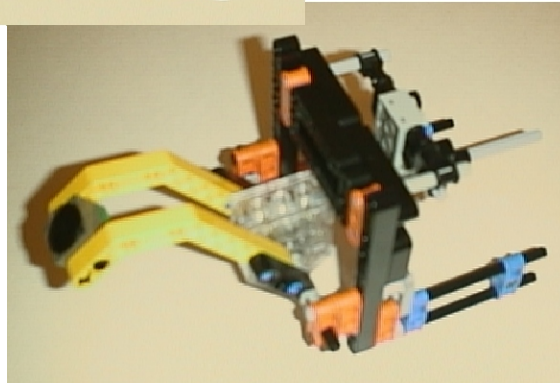


Step 4: Skid and Manipulator Housing



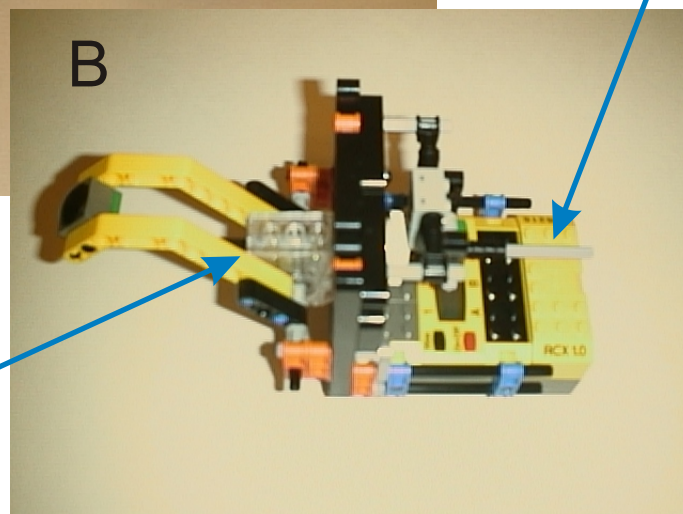
**Clutch
Gear**

**Touch Sensor
Used To Count
Rotations**



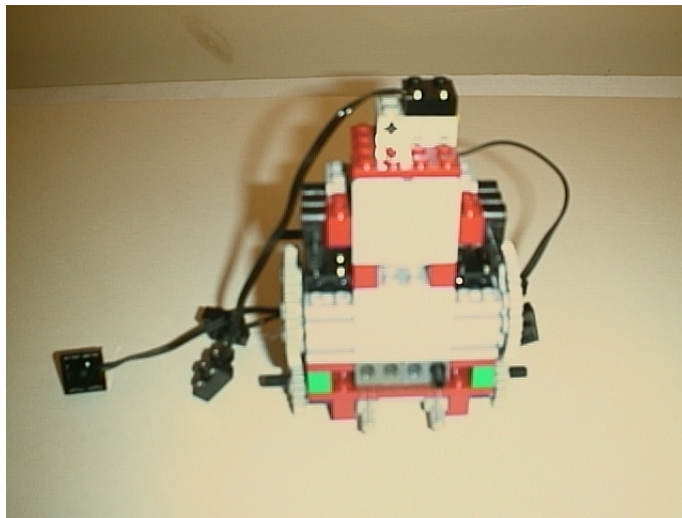
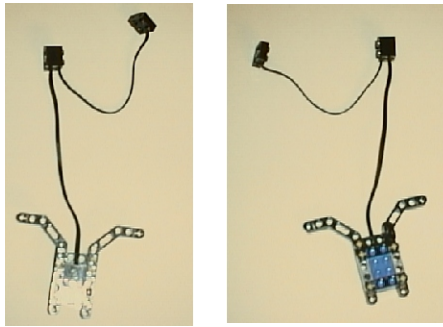
**Motor
Axle**

**Worm
Gear**

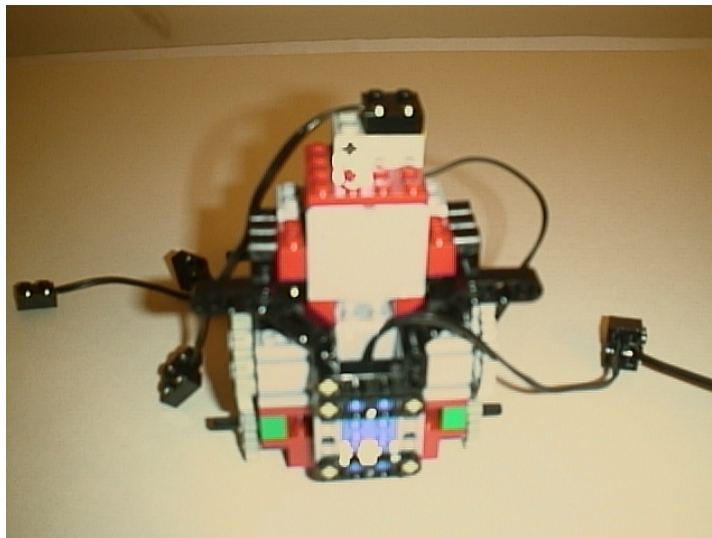


Step 5: Light Sensor Housing

A



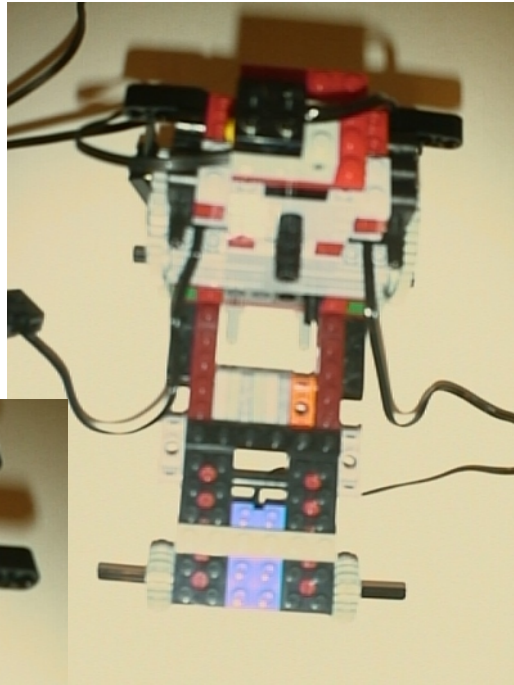
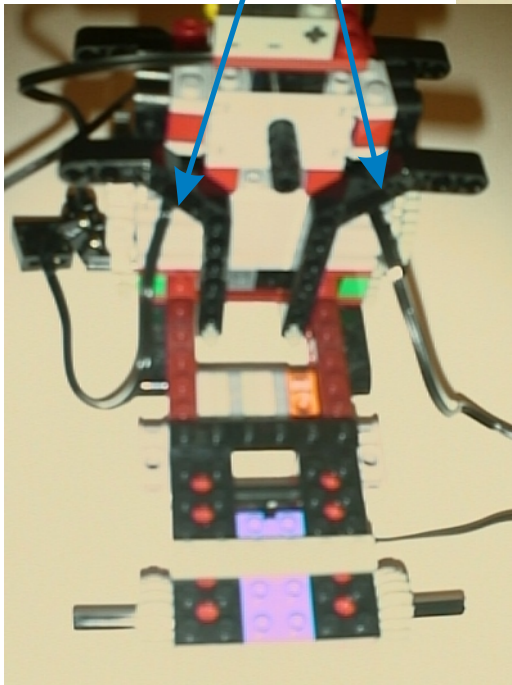
B



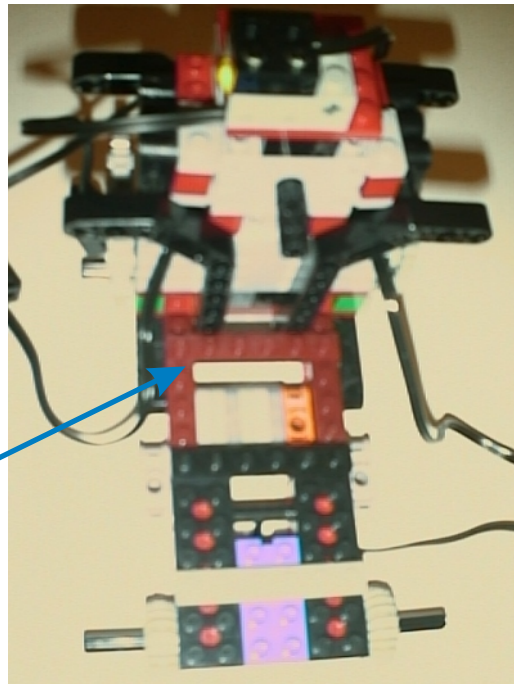
Step 6: Motor Housing

Ties To Light Sensor
Housing To Frame
The Motors

A



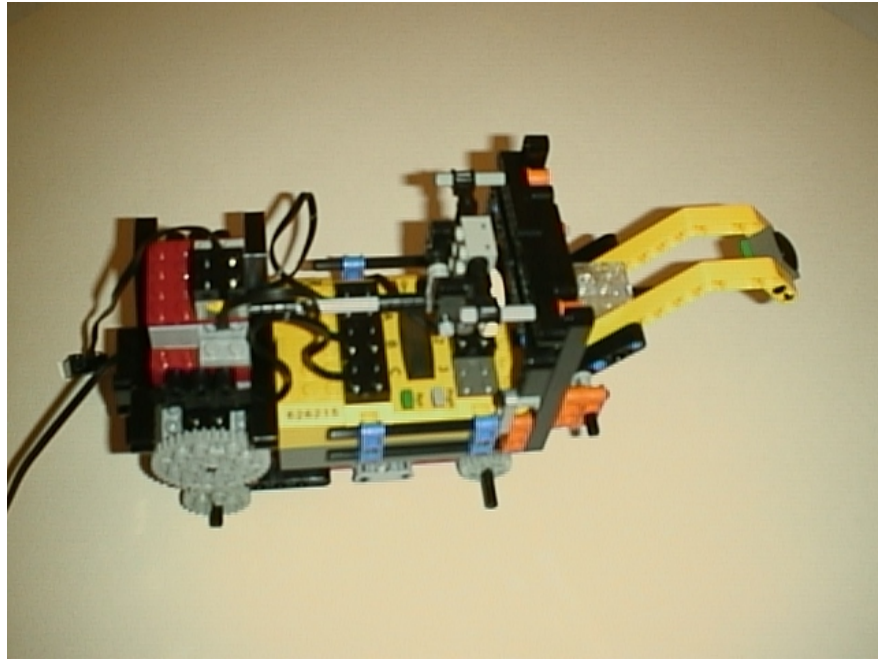
B



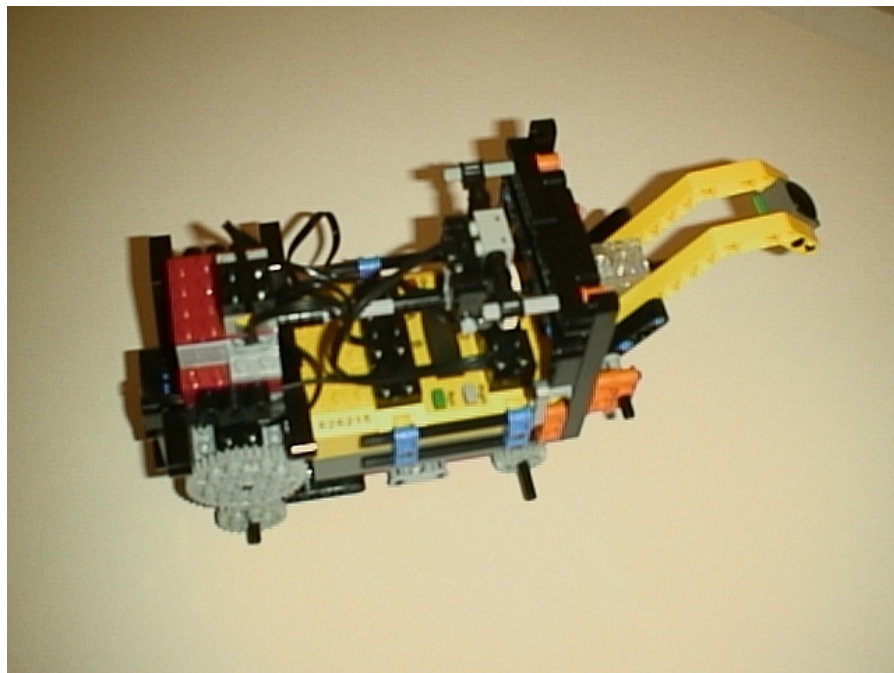
RCX Support

Step 7: RCX Onto Drive Frame

A. Snap On RCX



B. Connect wires to RCX.



Step 8: Add the Wheels



ALL DONE!!!