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**car design WRO Future Engineer**

One of the ready-made cars containing two electric motors was used according to the competition criteria as follows:

* Rear primary electric motor to drive the vehicle (rear two-wheel drive) as shown in Illustration 1
* Front electric motor to control the direction of the vehicle as shown in the illustration 2

electric motor

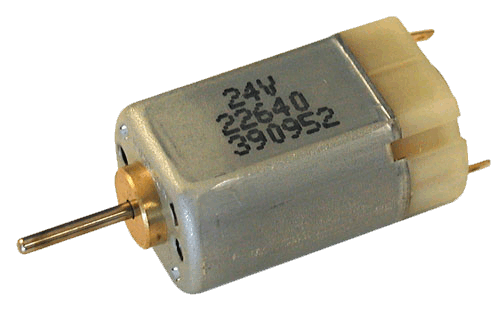
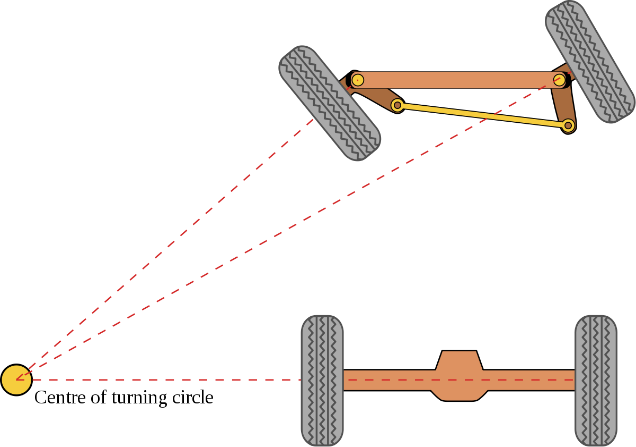
 

Illustration 1 Illustration 2

The outer cover of the car was dispensed with, and some elements were designed and 3D-printed and installed on the base of the car. The elements that were designed are:

* device holder Raspberry Pi
* camera holder for Raspberry Pi
* Rechargeable battery holder and variable battery
* A picture containing diagram

  Description automatically generateddevice holder H-bridge