

REX8



GitHub
rbt.ist/rexgithub

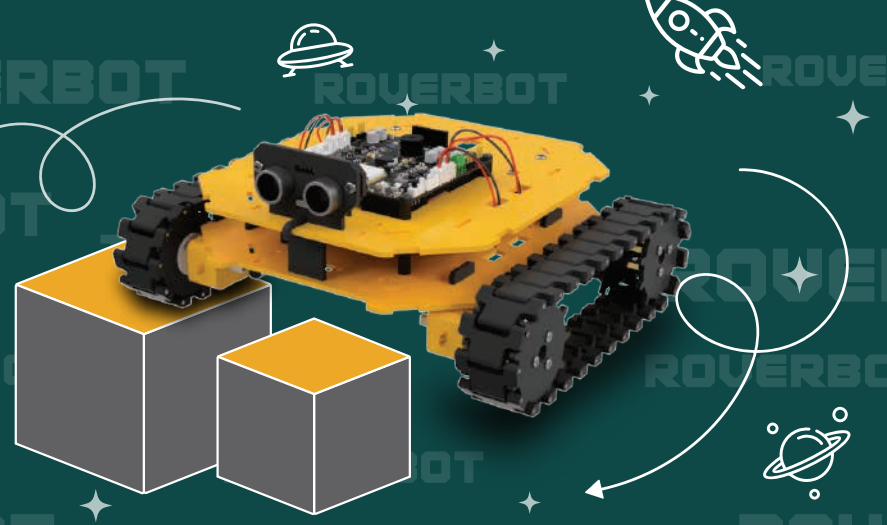


REX DOCS
rbt.ist/rexrdt



REX'i Keşfet
rbt.ist/rex8in1

ROVERBOT KURULUM KILAVUZU



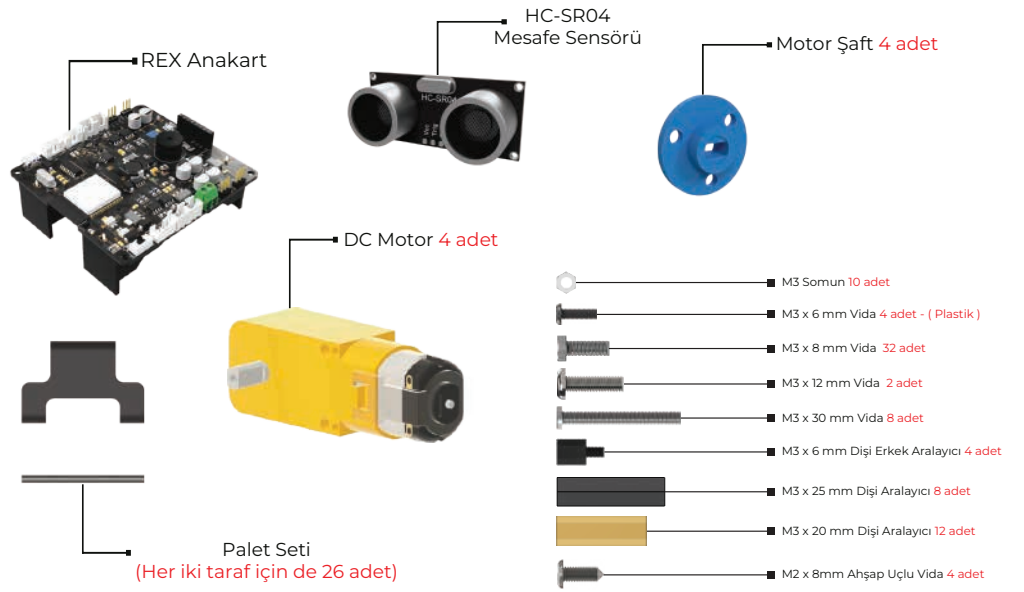
RoverBot

RoverBot, diğer REX robotlarından farklı olarak hareket mekanizmasında palet kullanır. Paletli yapısı sayesinde engebeli arazilerde diğer REX robotlarına göre hareket kabiliyeti daha fazladır.

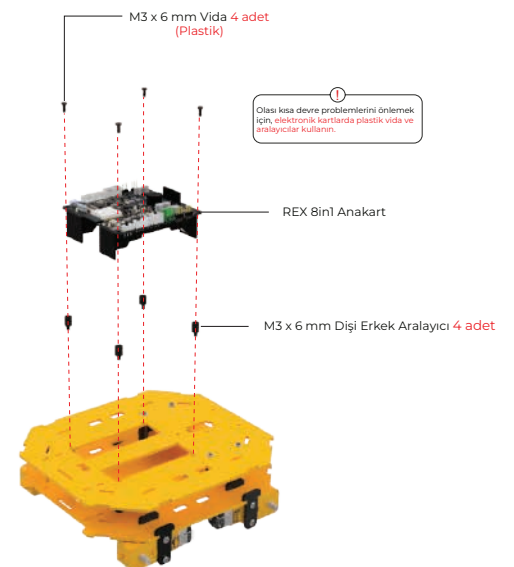
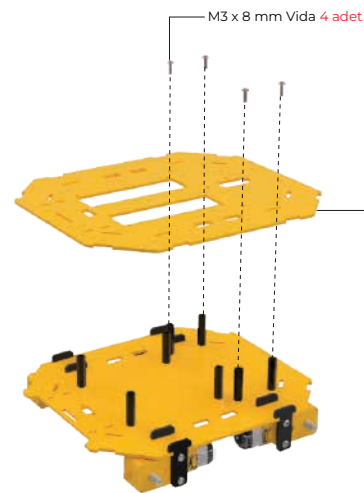
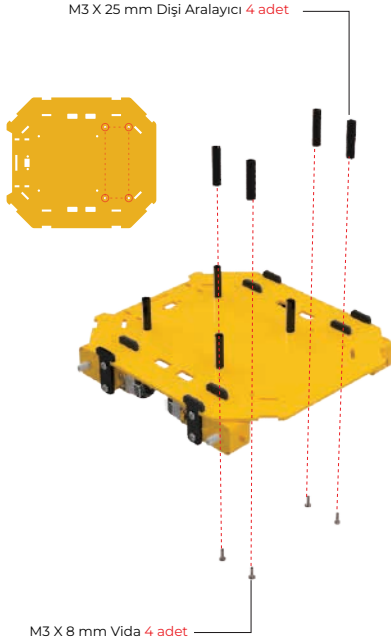
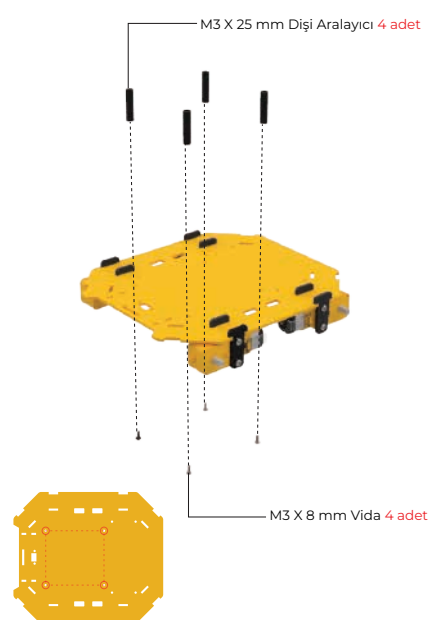
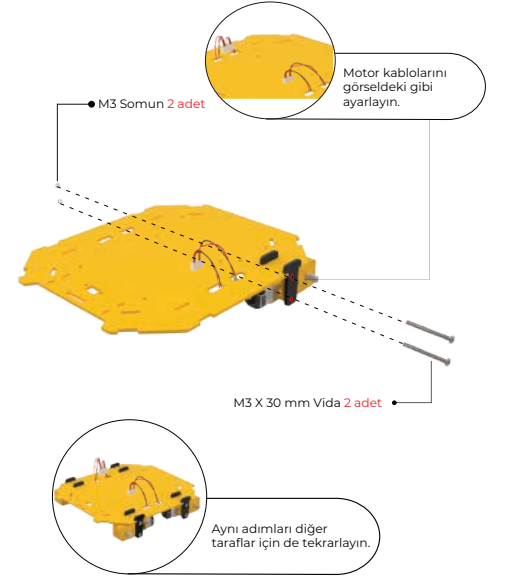
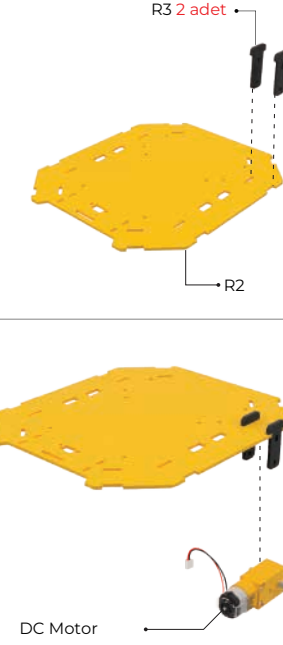
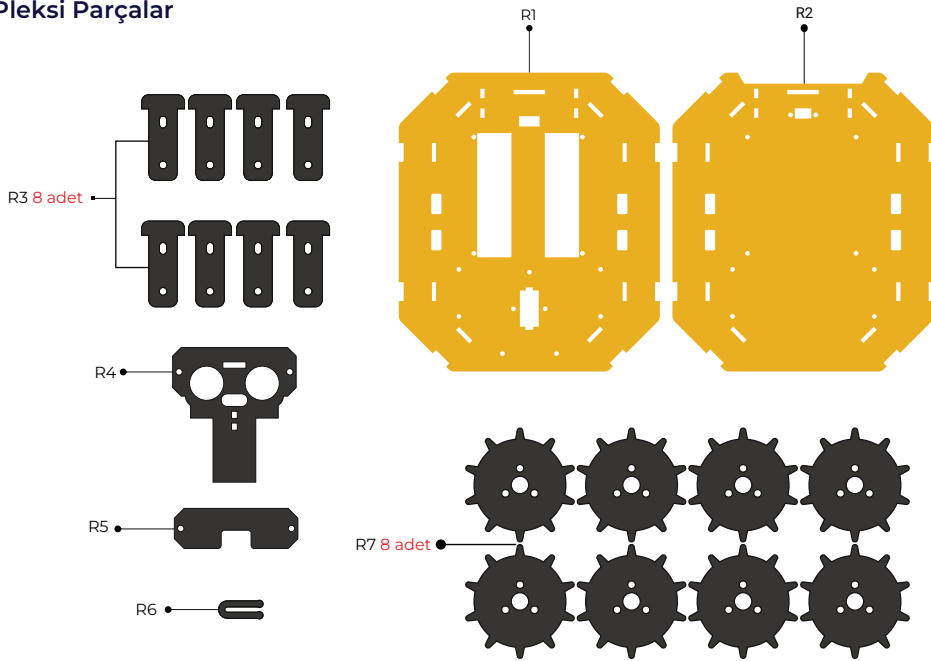
Paletli Araçların Diğer Araçlara Göre Avantajları

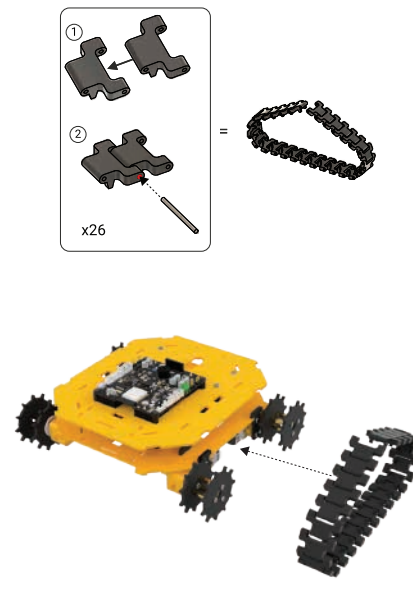
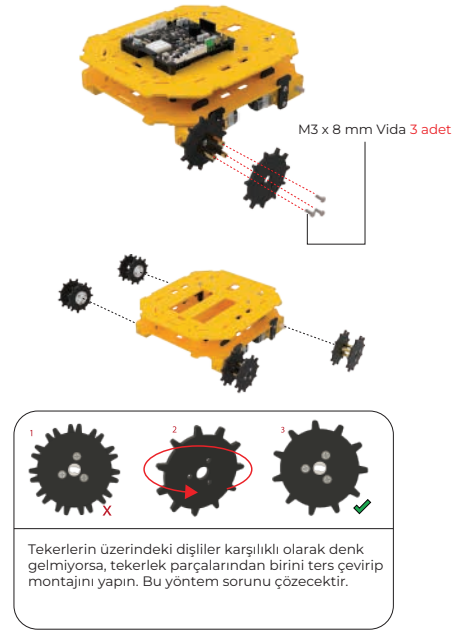
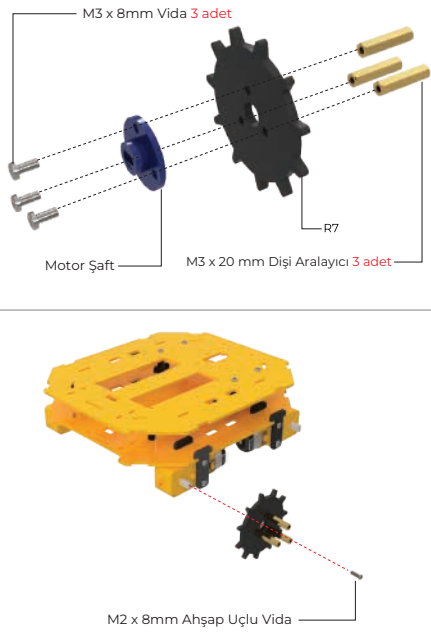
- Engebeli arazilerde diğer araçlara göre daha rahat hareket eder çünkü hareketi sağlayan kısmın yüzey alanı daha geniştir.
- Diğer araçlara göre daha dik rampalara tırmanabilir çünkü paletleri sayesinde zemine daha iyi tutunur.

RoverBot İçin Gerekli Komponentler

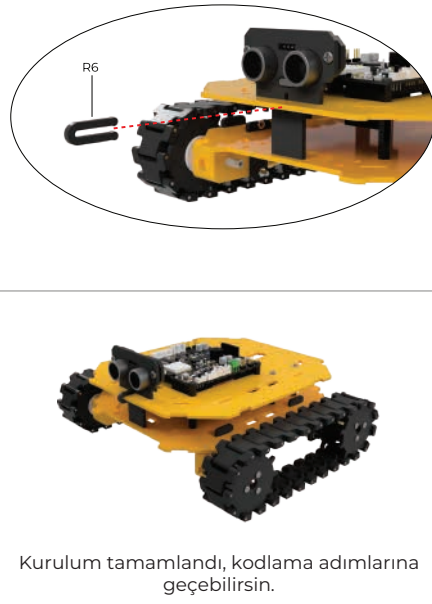
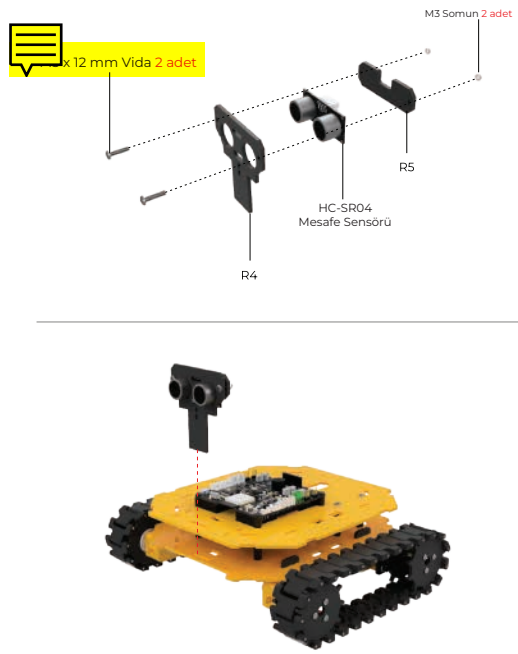


Pleksi Parçalar

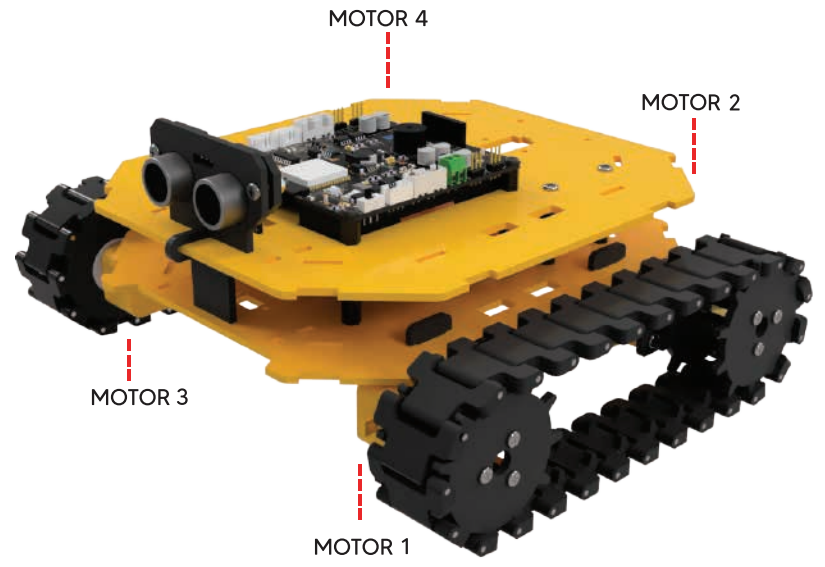




Paletleri her iki tarafa da yerleştirin.

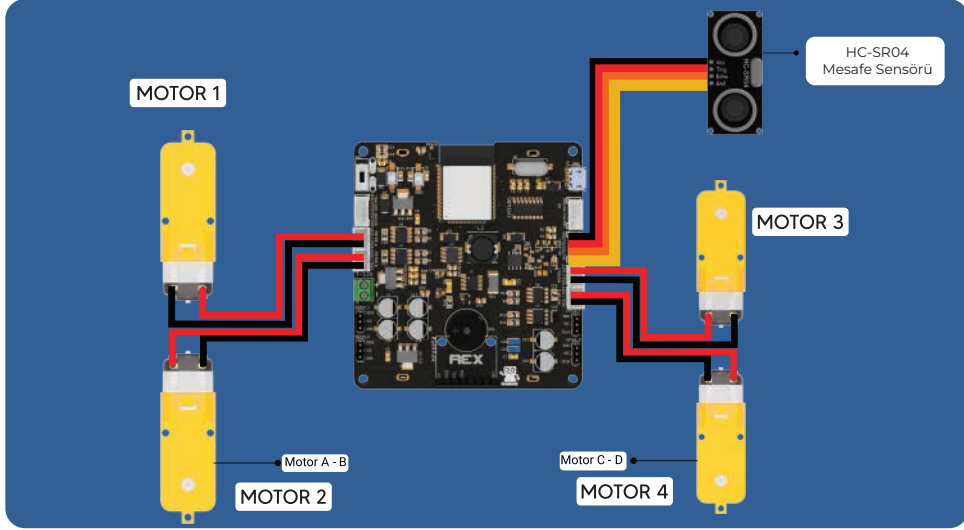


Kurulum tamamlandı, kodlama adımlarına geçebilirsiniz.



Devre Şeması

Pleksi parçaları kurduktan sonra, devre kurulumunu aşağıdaki şemada gösterildiği şekilde yapabilirsiniz.



Arduino Kodları

```

RoverBotino
1  //""REX Bin1 Rover Bot""
2  //Check the web site for Robots https://rex-rdt.readthedocs.io/en/latest/
3  // you can also control arm bot in this code.
4  #define CUSTOM_SETTINGS
5  #define INCLUDE_GAMEPAD_MODULE
6
7  #include <DabbleESP32.h>
8  #include <Arduino.h>
9  #include <analogWrite.h>
10 #include <ESP32Servo.h>
11
12 enum MOTOR_TYPE {
13     DC_MOTOR,
14     SERVO_MOTOR
15 };
16 enum MOTOR_TYPE motorType = DC_MOTOR;
17
18 int position1 = 90;
19 int position2 = 90;
20 int position3 = 90;
21 int position4 = 90;
22
23 #define MotorA1 23
24 #define MotorA2 15
25
26 #define MotorB1 33
27 #define MotorB2 32
28
29 #define MotorC1 16
30 #define MotorC2 17
31
32 #define MotorD1 14
33 #define MotorD2 27
34
35 #define horn 2

```

<http://rbt.ist/roverbotcode>


Kodun tamamına ve gerekli olan kütüphanelere gitmek için QR kodu okutunuz.