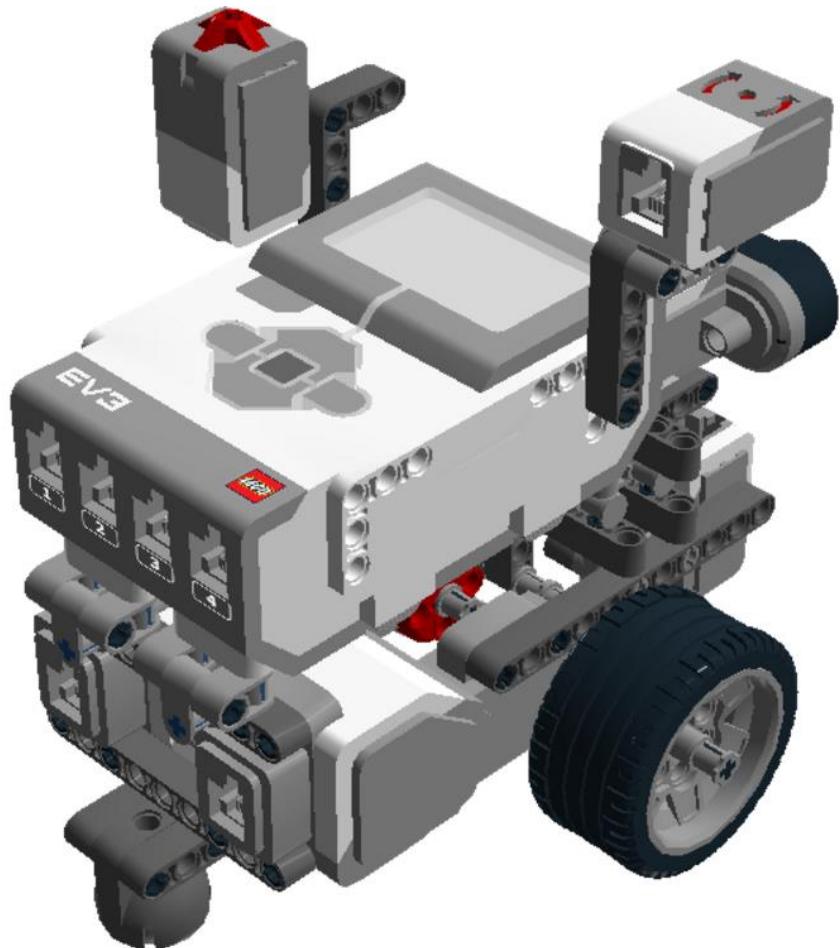


3. 로봇 조립도

- ◆ EV3 & C언어 테스트봇(1부)
- ◆ 기본 & 탐색형 라인 트레이서(2부 - I, 2부 - II)
- ◆ 인공지능 라인 트레이서(2부 - III)

EV3 & C언어 테스트봇



2 x	RIM WIDE 43.2X26 W 6 4634091 HOL Ø 4.8 - Medium Stone Grey
2 x	TYRE LOW WIDE Ø56 X 28 6035364 - Black
1 x	STEEL BALL - Silver Metallic 6023956
1 x	MS. EV3. SENSOR. COLOUR - White,Bright Red,Black,Medium Blue,Medium Stone Grey 6008919
1 x	MS. EV3. GYRO SENSOR - White,Bright Red,Medium Stone Grey,Silver Metallic 6008916
1 x	MS. EV3. TOUCH SENSOR - White,Bright Red,Medium Stone Grey,Silver Metallic 6008472
1 x	MS-EV3. ULTRASONIC SENSOR - White,Black,Tr. Red,Medium Stone Grey,Silver Metallic 6063629
2 x	MS. 2013 ENGINE - White,Bright Red,Medium Stone Grey 6057952
1 x	P-BRICK - White,Transparent,Medium Stone Grey,Dark Stone Grey,Silver Metallic 6009996
1 x	TECHNIC 5M BEAM - White 4249021
8 x	TECHNIC 7M BEAM - Medium Stone Grey 4495930
2 x	TECHNIC 9M BEAM - Dark Stone Grey 4210757
2 x	TECHNIC 11M BEAM - Dark Stone Grey 4210755
5 x	TECHNIC ANG. BEAM 3X5 90 DEG. - Dark Stone Grey 4210753
36 x	CONNECTOR PEG W. FRICTION - Black 4121715
15 x	BUSH FOR CROSS AXLE - Medium Stone Grey 4211622
6 x	CONN BUSH W/FRIC./CROSSALE - Bright Blue 4206482
6 x	CONNECTOR PEG W. FRICTION 3M - Black 655826
6 x	CROSS BLOCK 90° - Medium Stone Grey 4211775
3 x	CROSS AXLE 7M - Medium Stone Grey 4211805
2 x	CROSS AXLE 8M - Black 370726
6 x	BEAM 3 M. W/4 SNAPS - Medium Stone Grey 4225033
1 x	POWER JOINT - Dark Stone Grey 4610380

부록



education

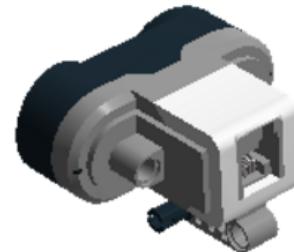
HandsON
Technology

Step 1 of 38

1 x



1 x



부록



education

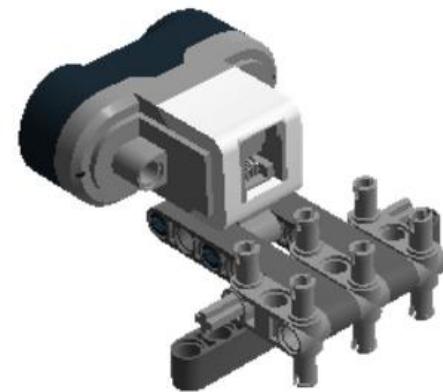
HandsON
Technology

Step 2 of 38



부록

Step 3 of 38



부록

Step 4 of 38



Step 5 of 38

1 x



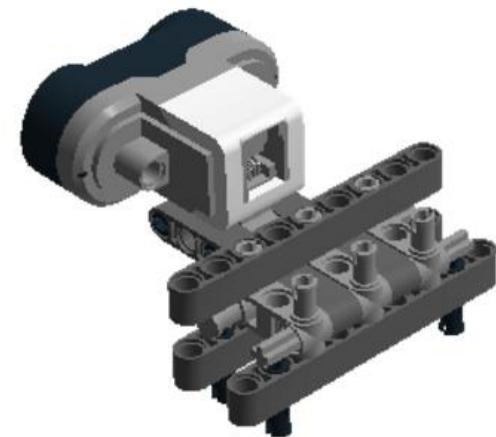
1 x



1 x



1 x



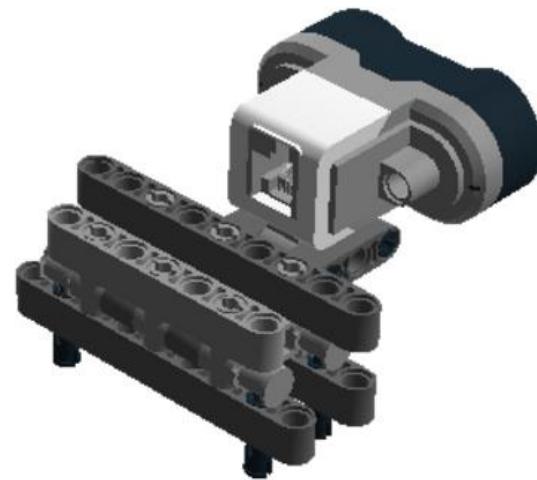
부록



education

HandsON
Technology

Step 6 of 38



부록

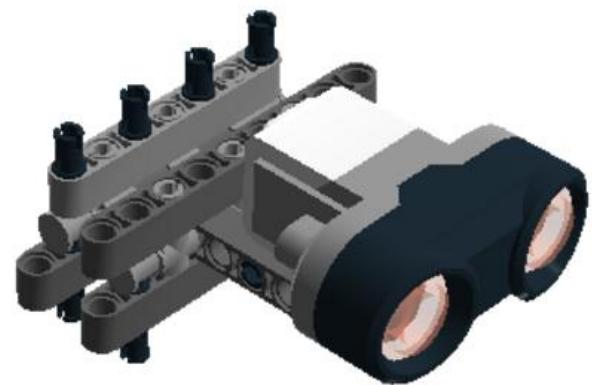


education

HandsON
Technology

Step 7 of 38

4 x



education

부록

HandsON
Technology

Step 8 of 38

1 x



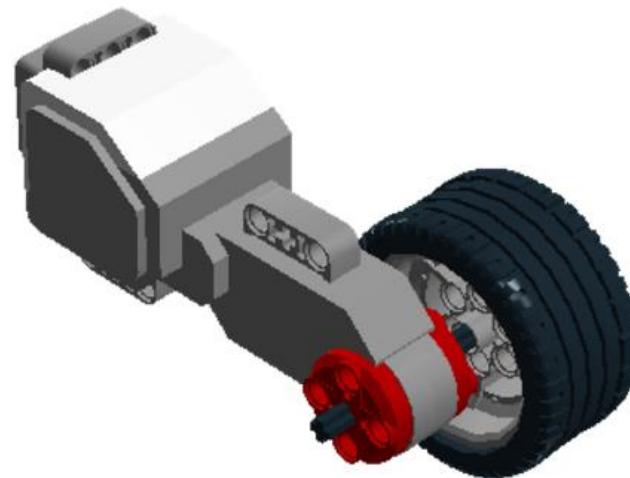
1 x



1 x



1 x



부록



education

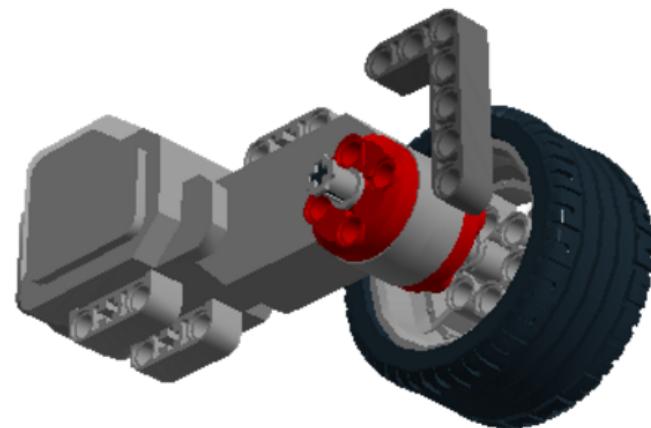
HandsON
Technology

Step 9 of 38

1 x



2 x

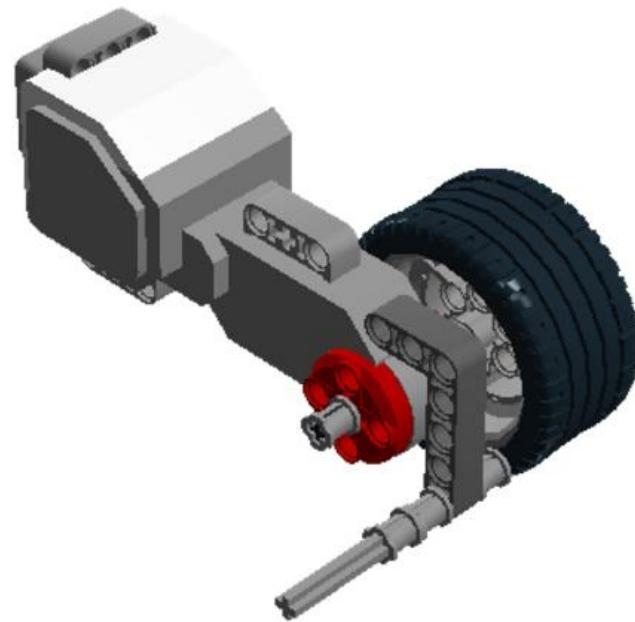
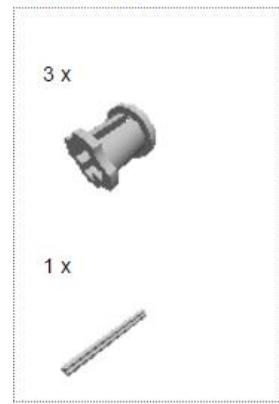


education

부록

HandsON
Technology

Step 10 of 38



Step 11 of 38

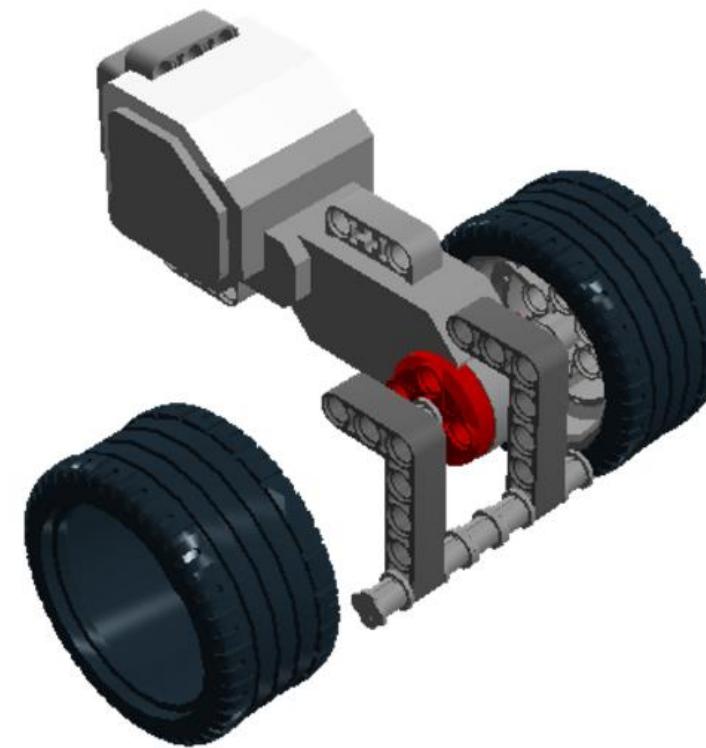
1 x



1 x



2 x



부록



education

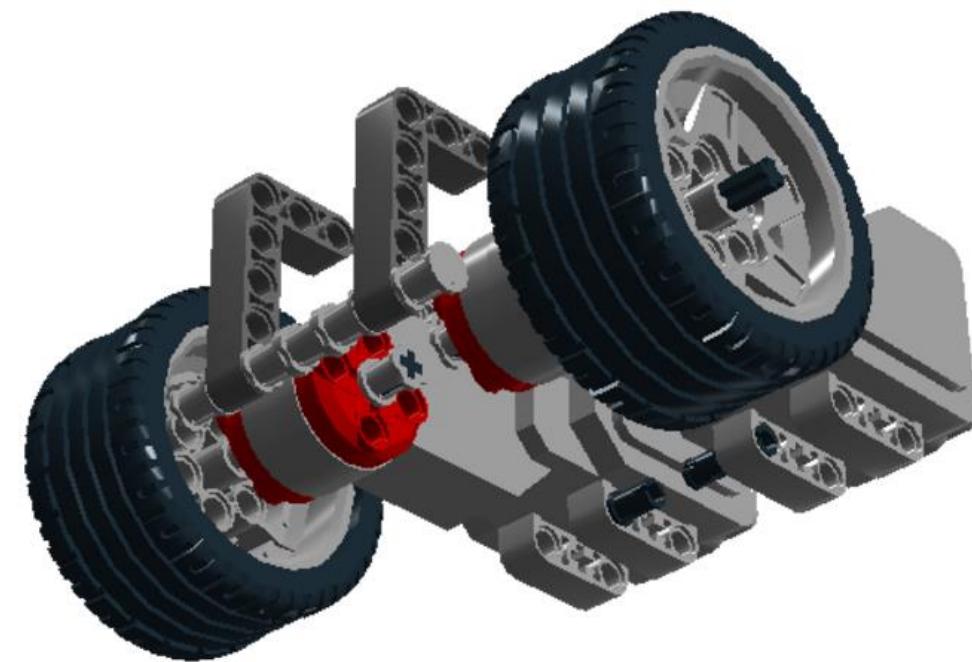
HandsON
Technology

Step 13 of 38

2 x



1 x



부록



education

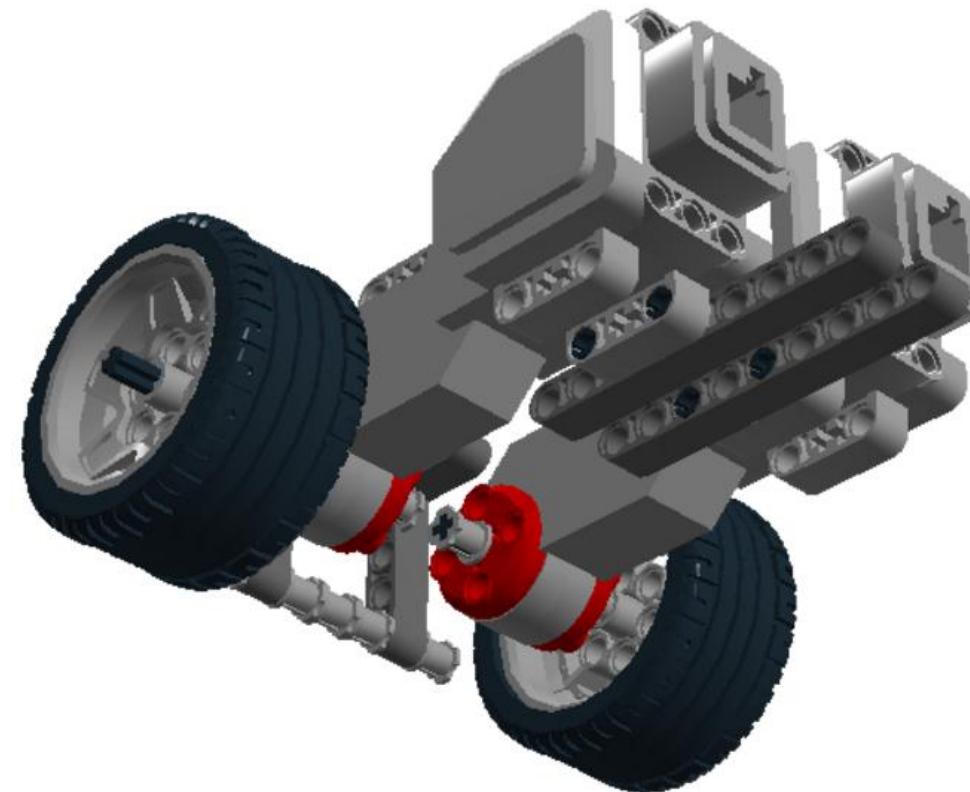
HandsON
Technology

Step 14 of 38

2 x



2 x



education

부록

HandsON
Technology

Step 15 of 38

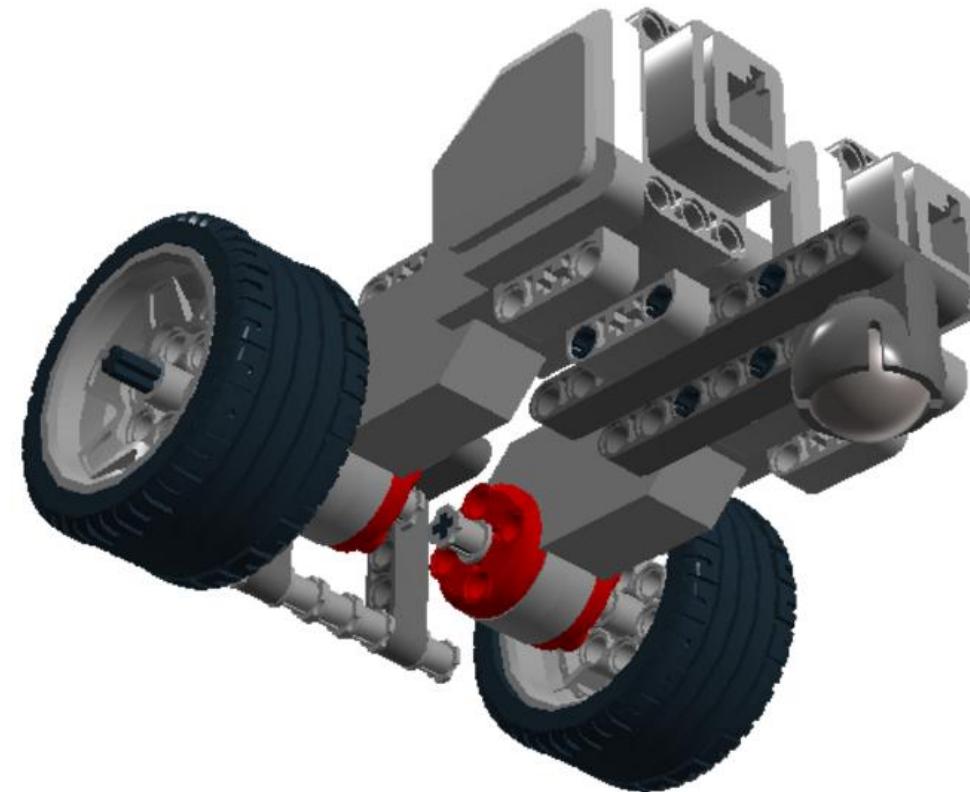
1 x



1 x



1 x



부록



education

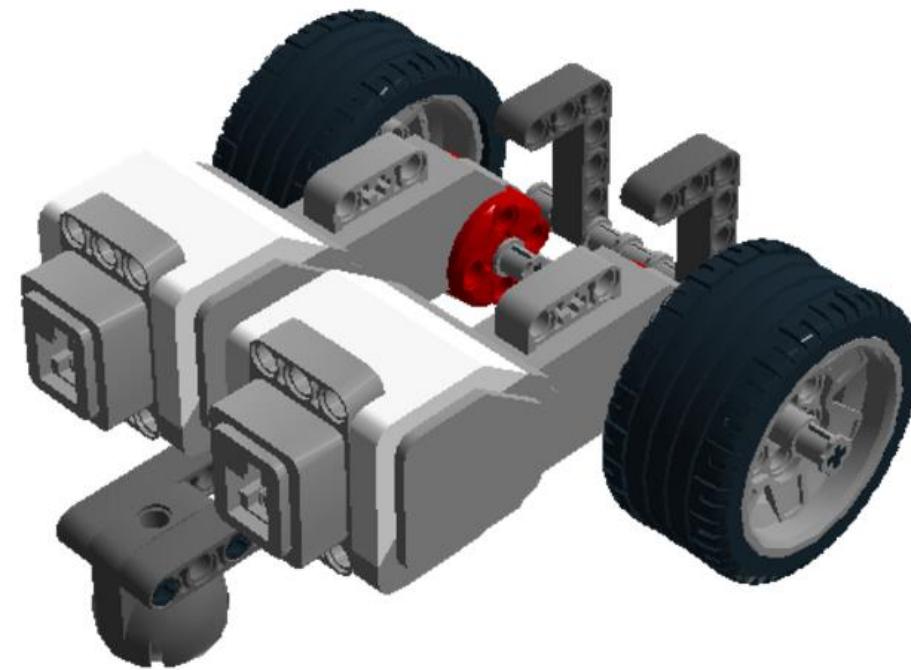
HandsON
Technology

Step 16 of 38

1 x



1 x



education

부록

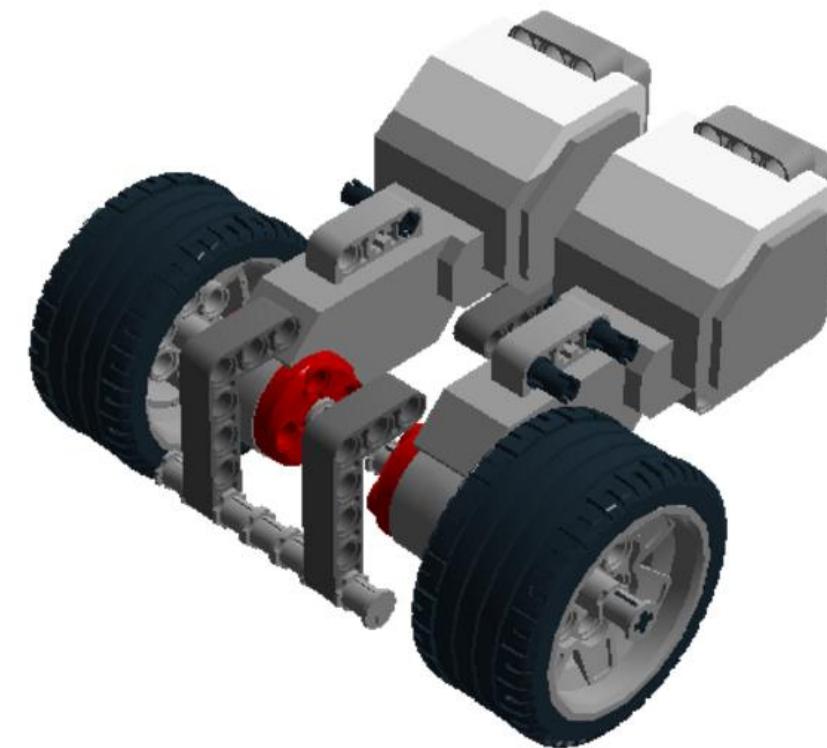
HandsON
Technology

Step 17 of 38

3 x



1 x



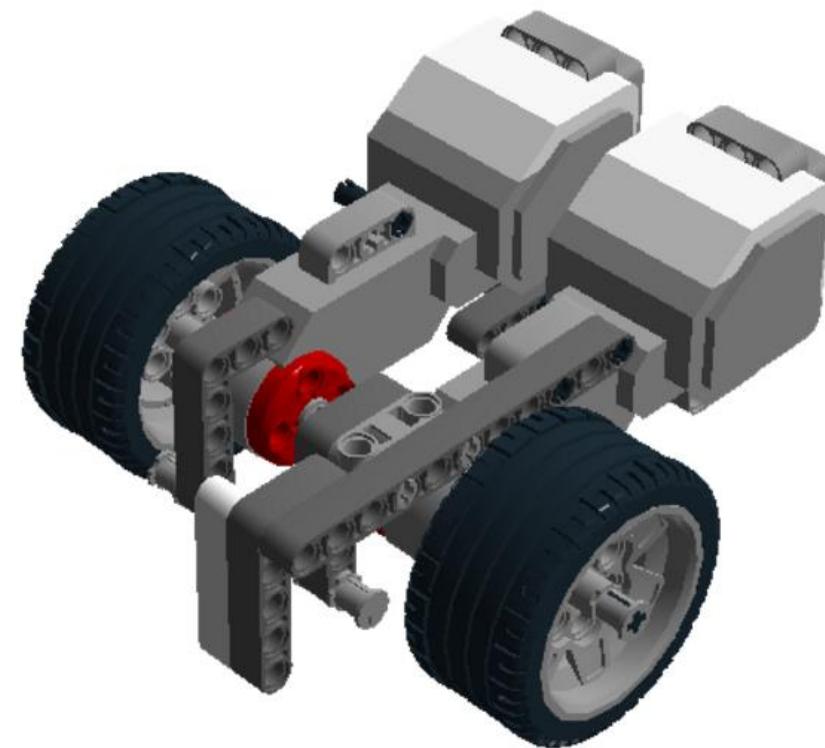
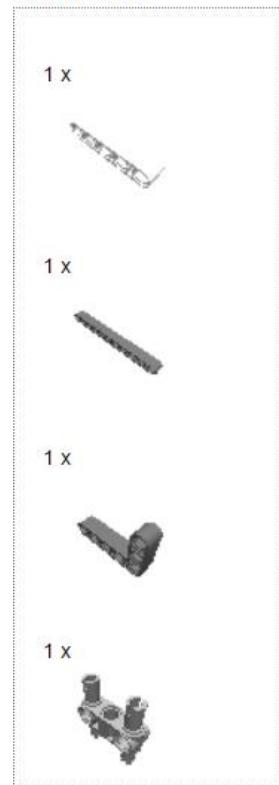
부록



education

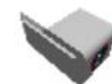
HandsON
Technology

Step 18 of 38



Step 19 of 38

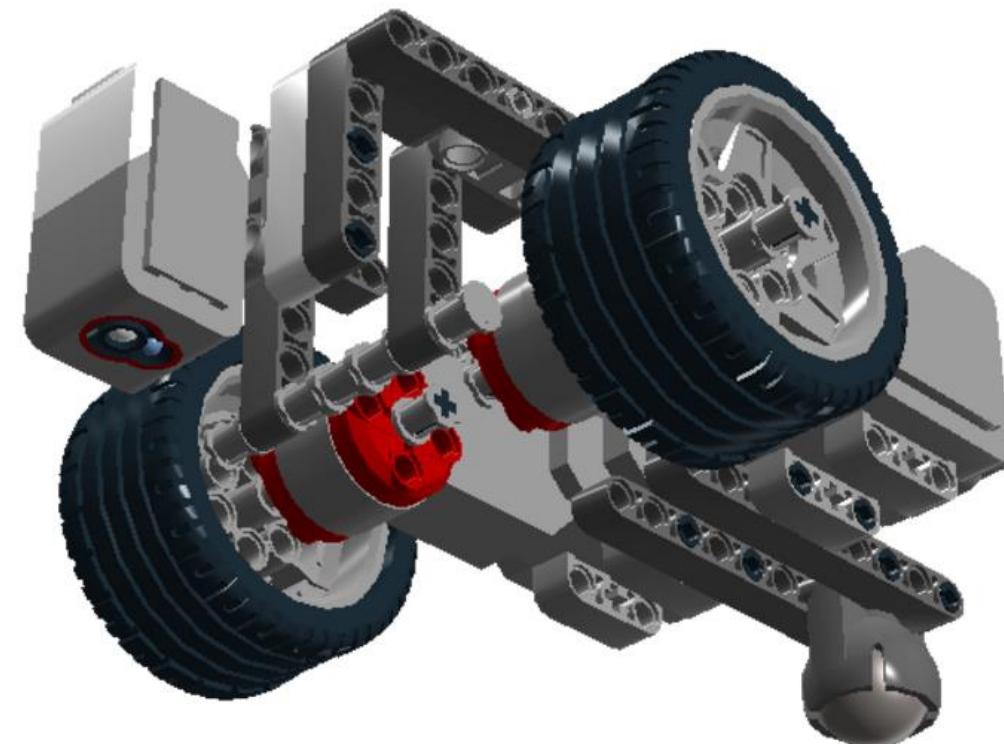
1 x



2 x



1 x



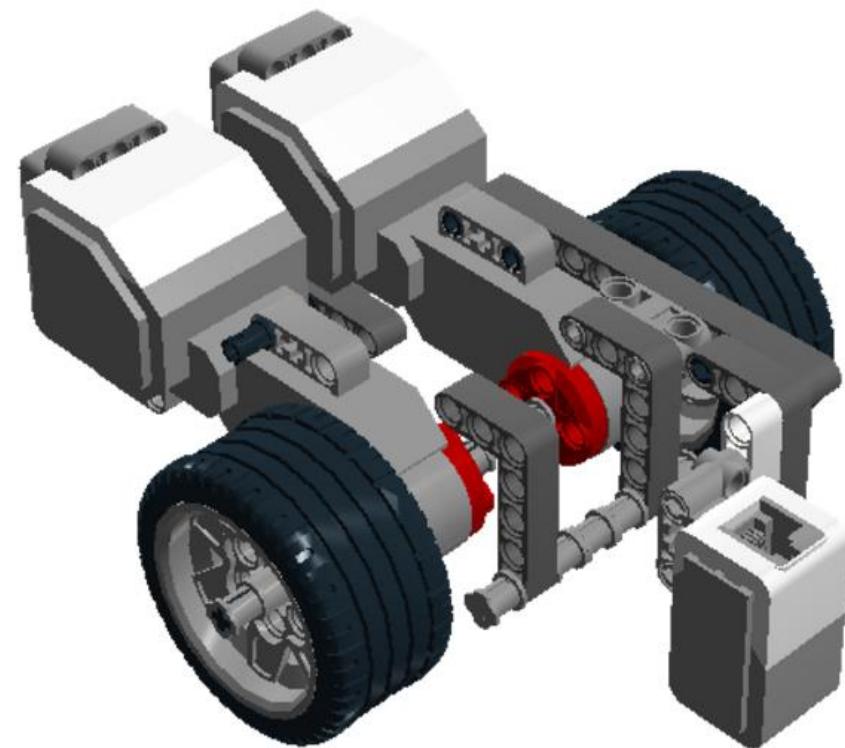
education

부록

HandsON
Technology

Step 20 of 38

1 x



education

부록

HandsON
Technology

Step 21 of 38

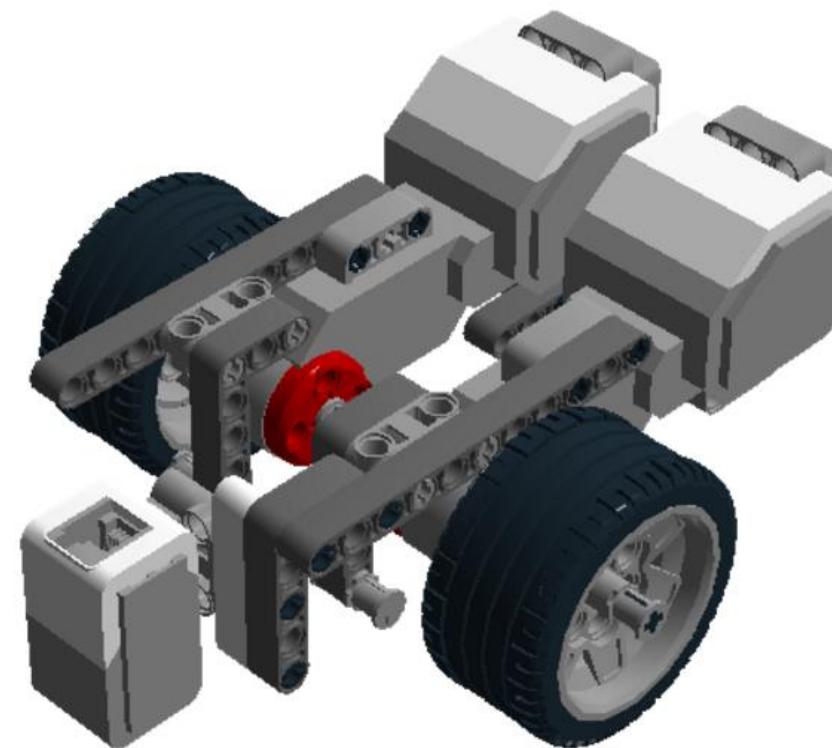
1 x



2 x



1 x

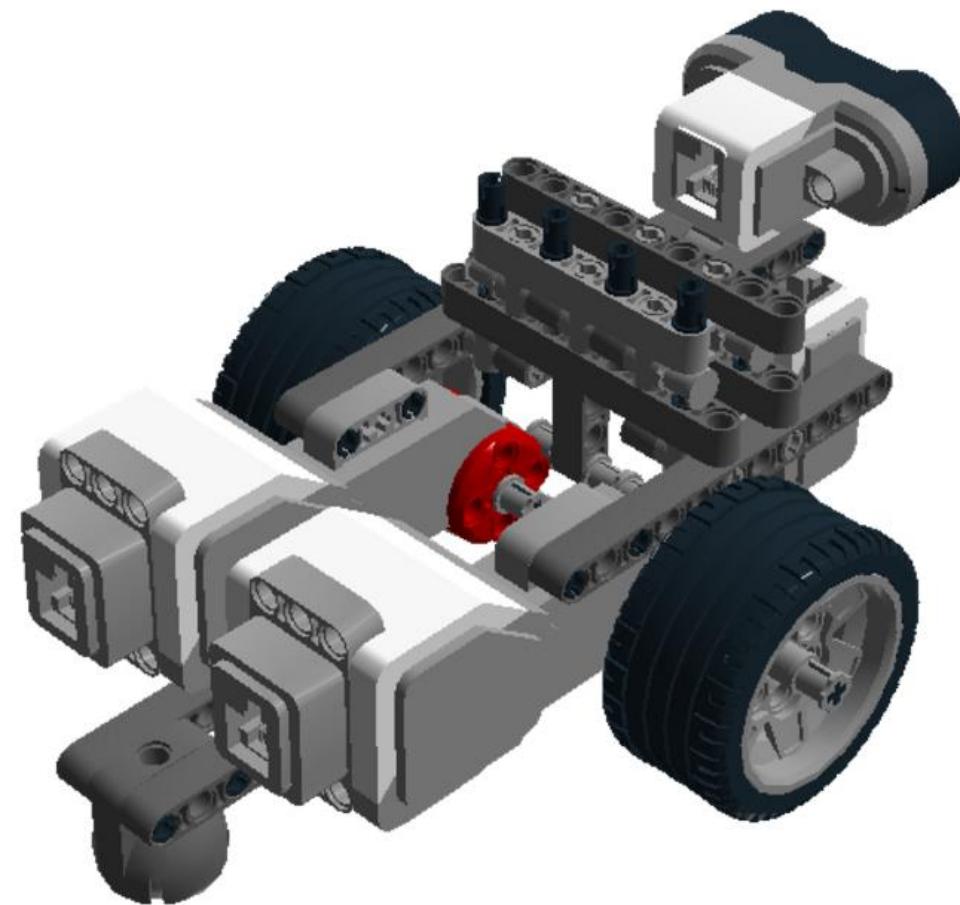


부록



education

HandsON
Technology



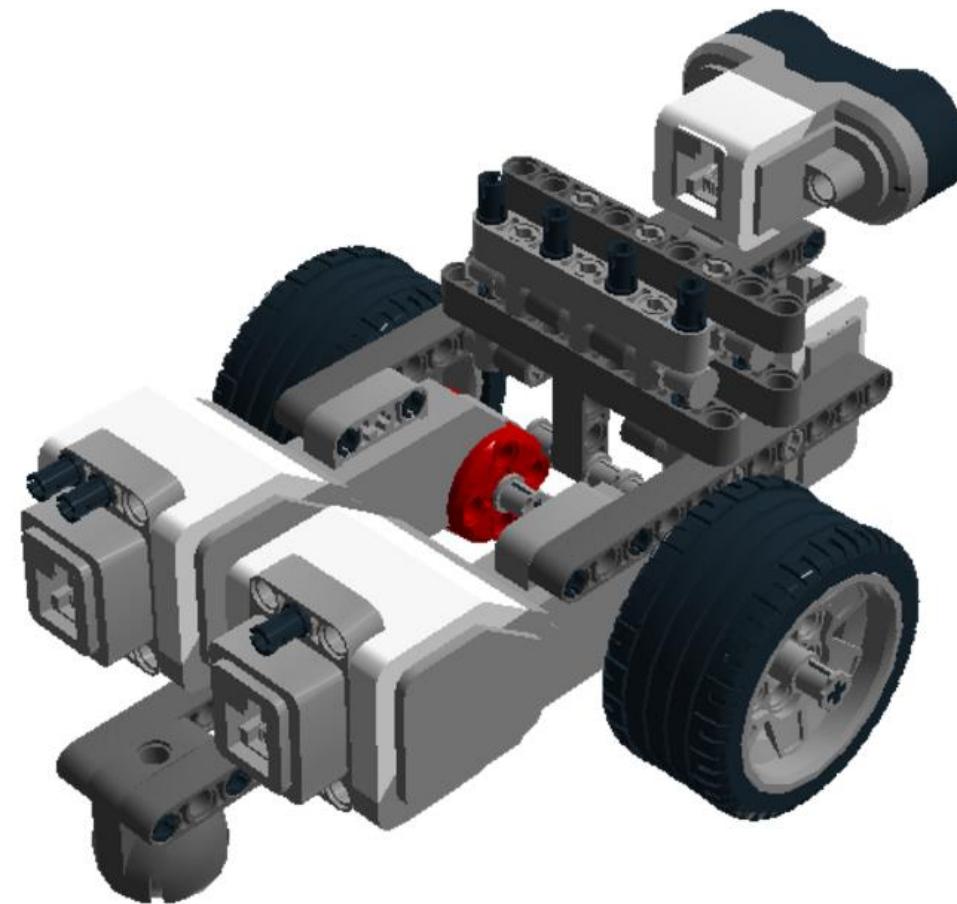
education

부록

HandsOn
Technology

Step 23 of 38

3 x



education

부록

HandsON
Technology

Step 24 of 38

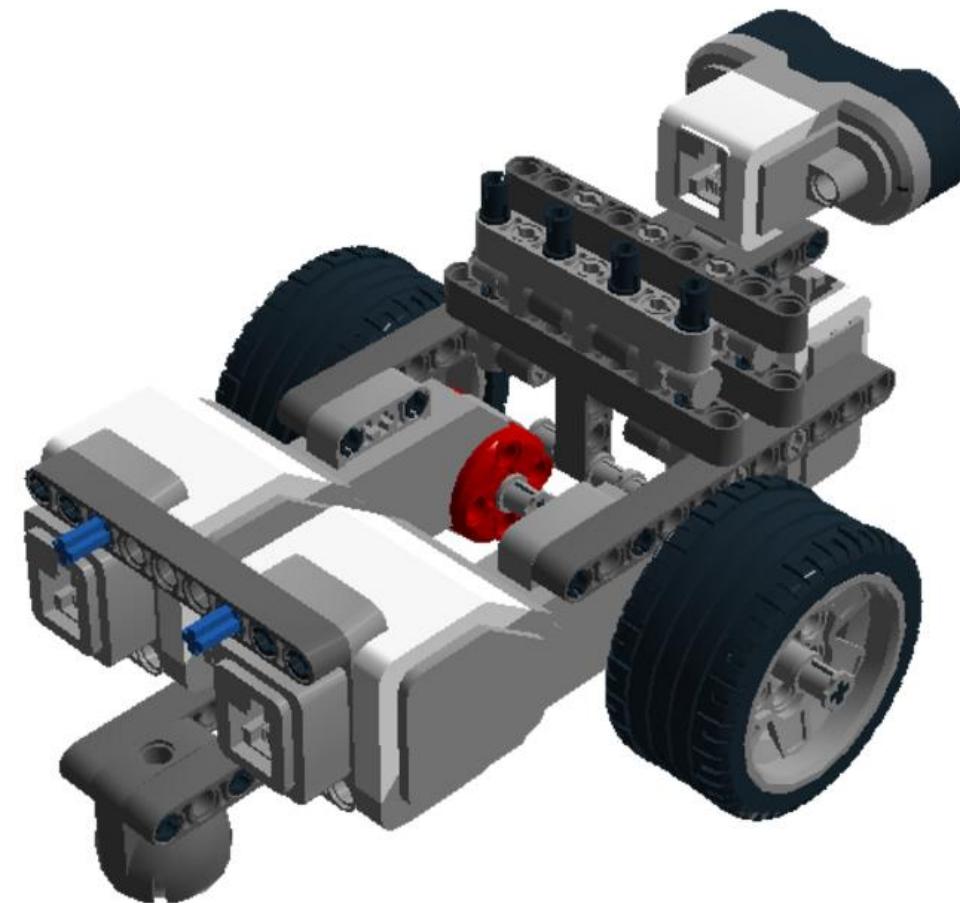
1 x



1 x



2 x



부록



education

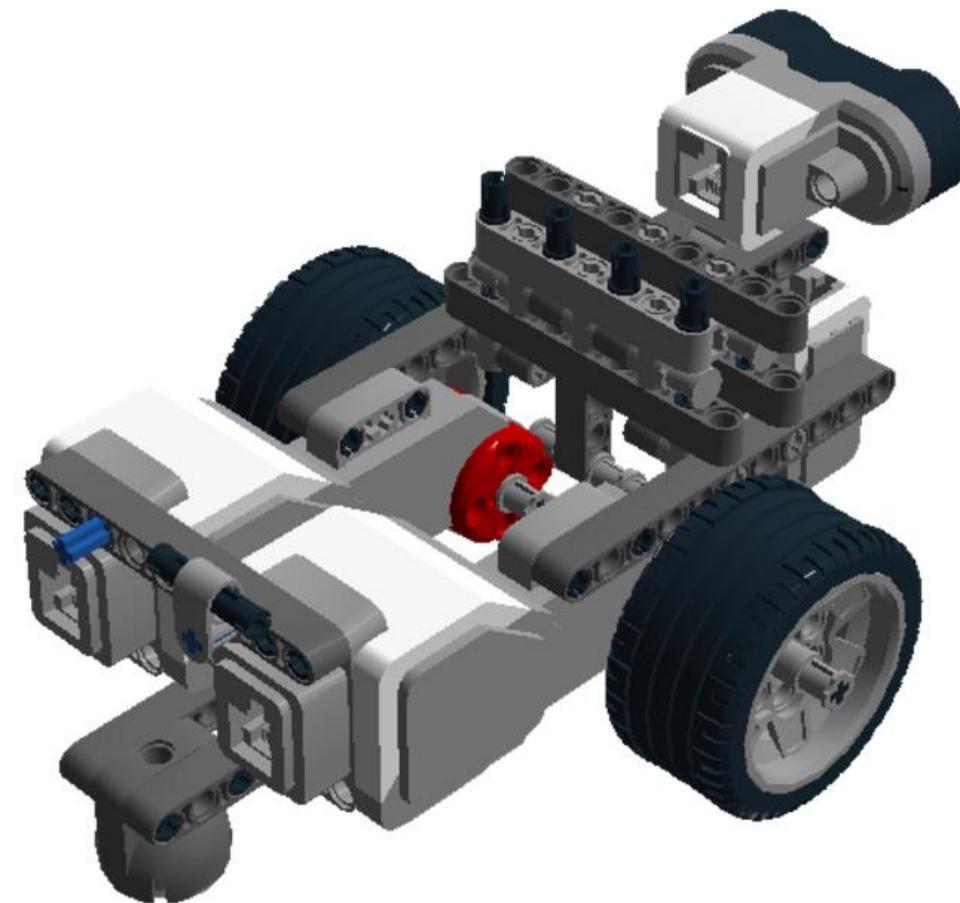
HandsON
Technology

Step 25 of 38

1 x



1 x



부록

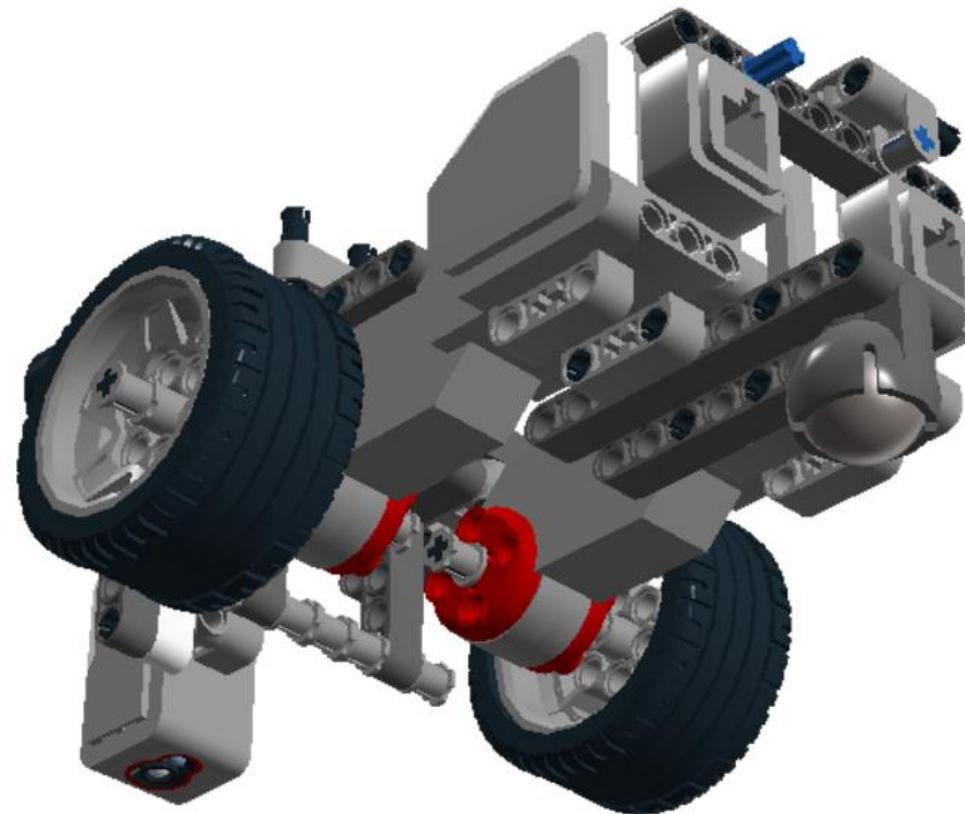


education

HandsON
Technology

Step 26 of 38

1 x



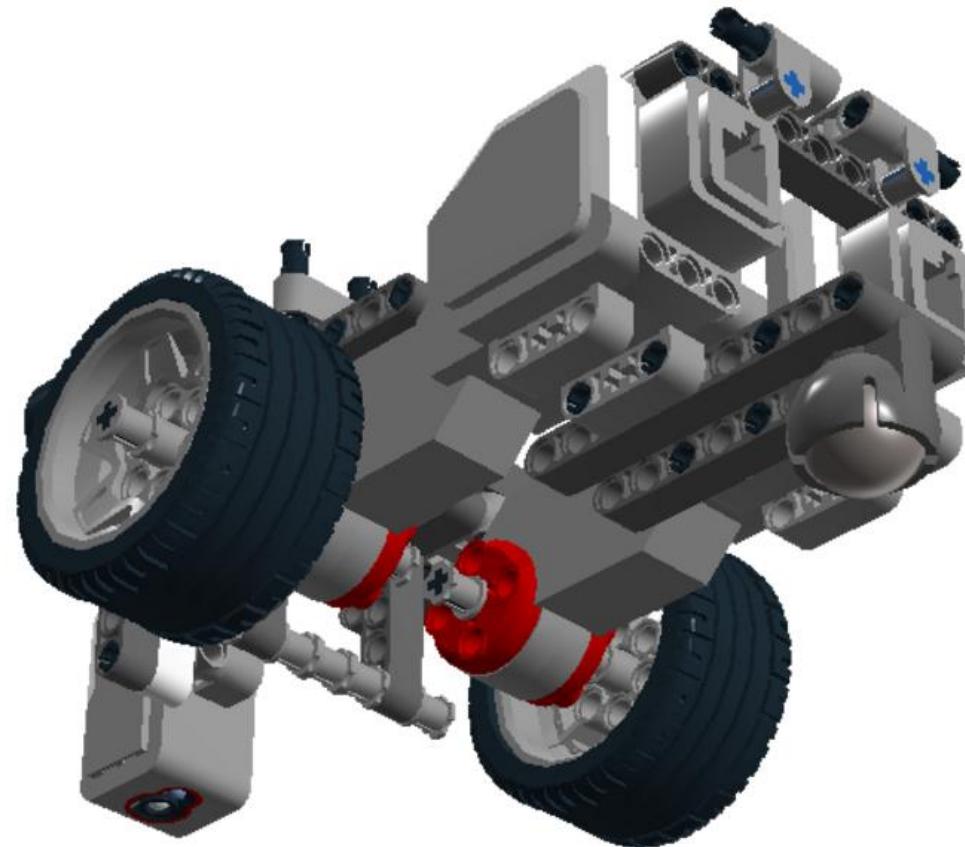
education

부록

HandsON
Technology

Step 27 of 38





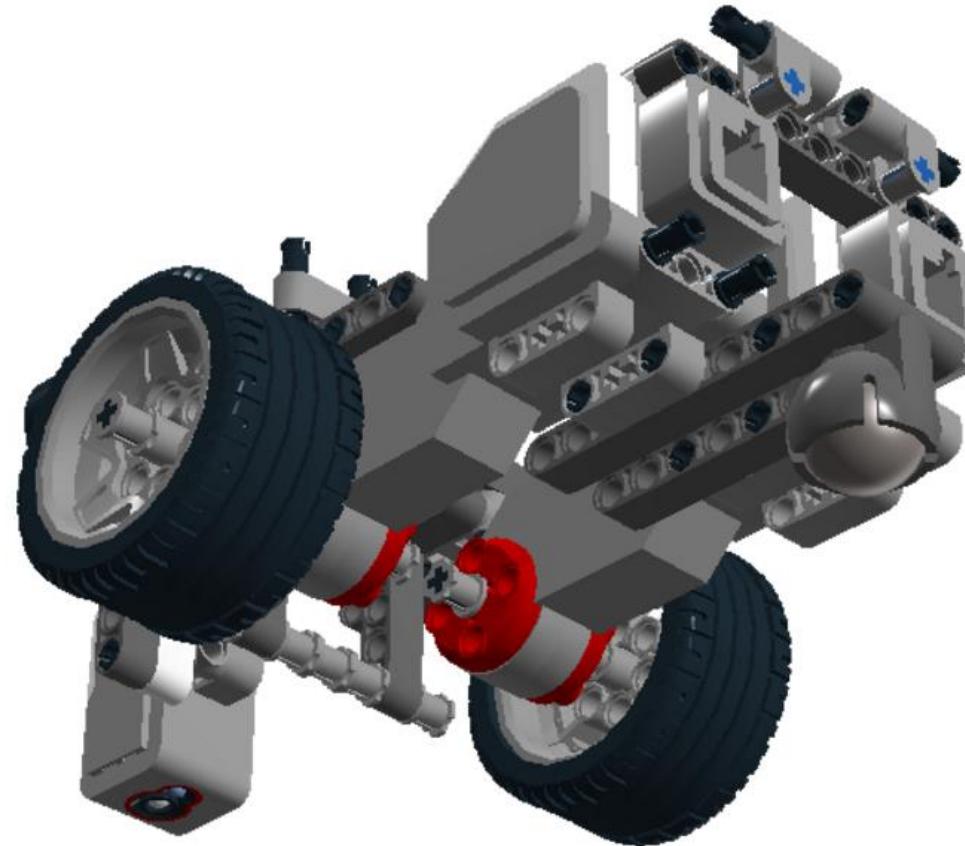
education

부록

HandsON
Technology

Step 29 of 38

2 x



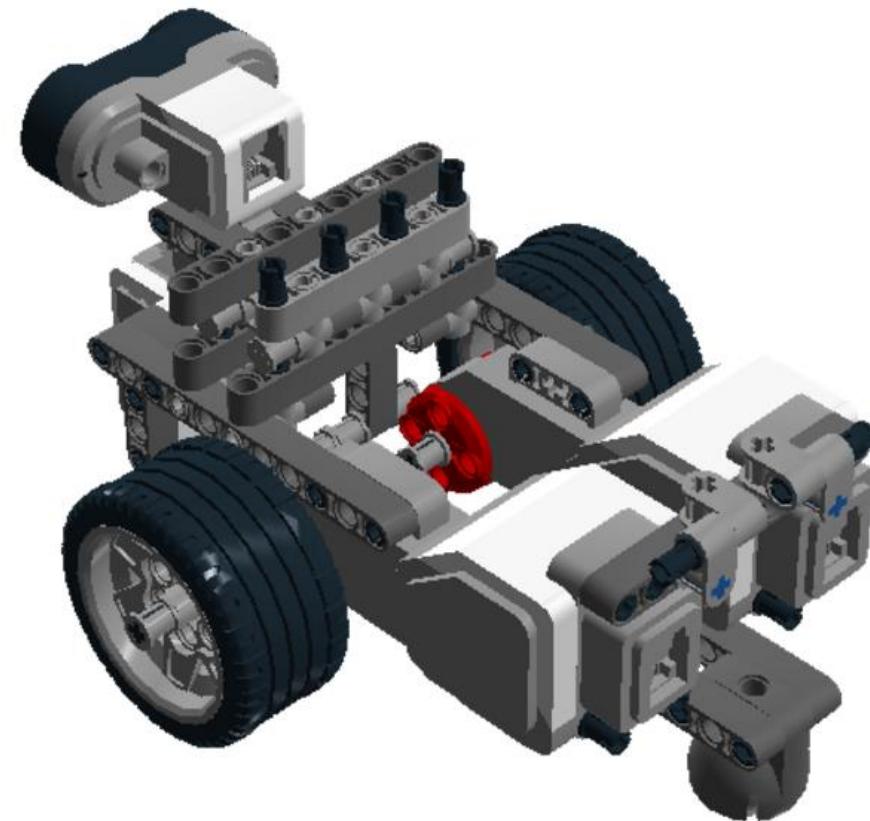
education

부록

HandsON
Technology

Step 30 of 38

1 x



education

부록

HandsON
Technology

Step 31 of 38

1 x



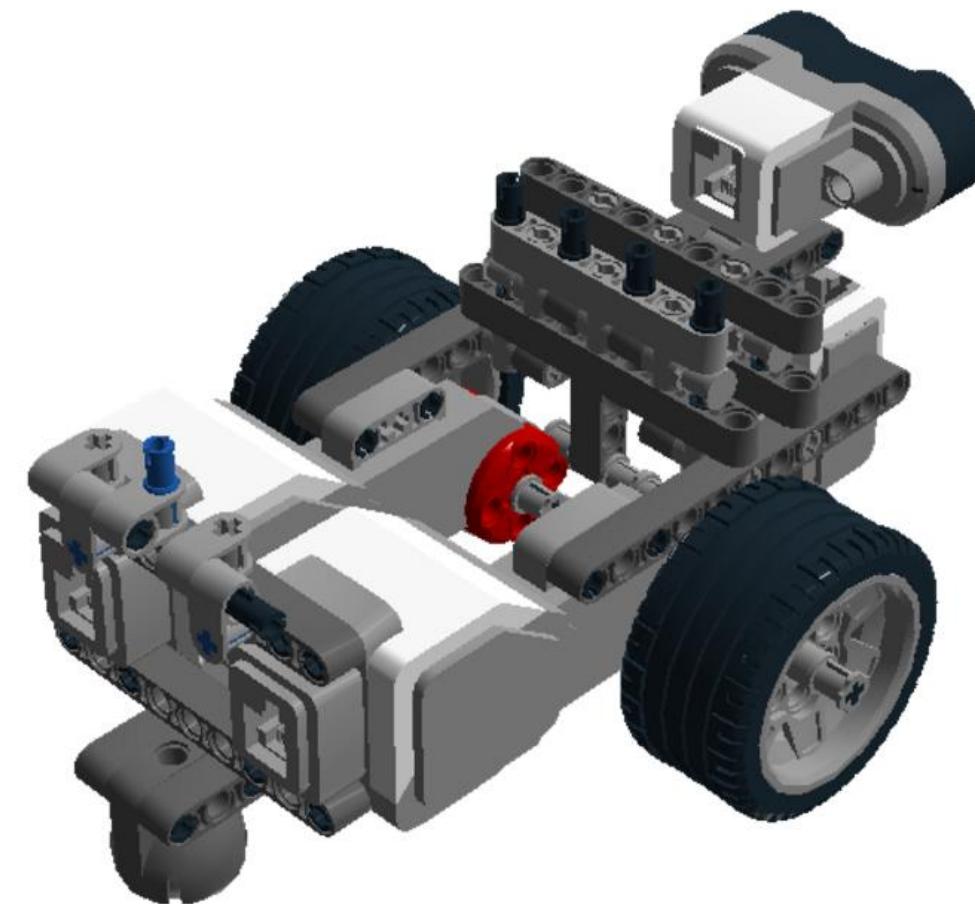
1 x



1 x



1 x



부록



education

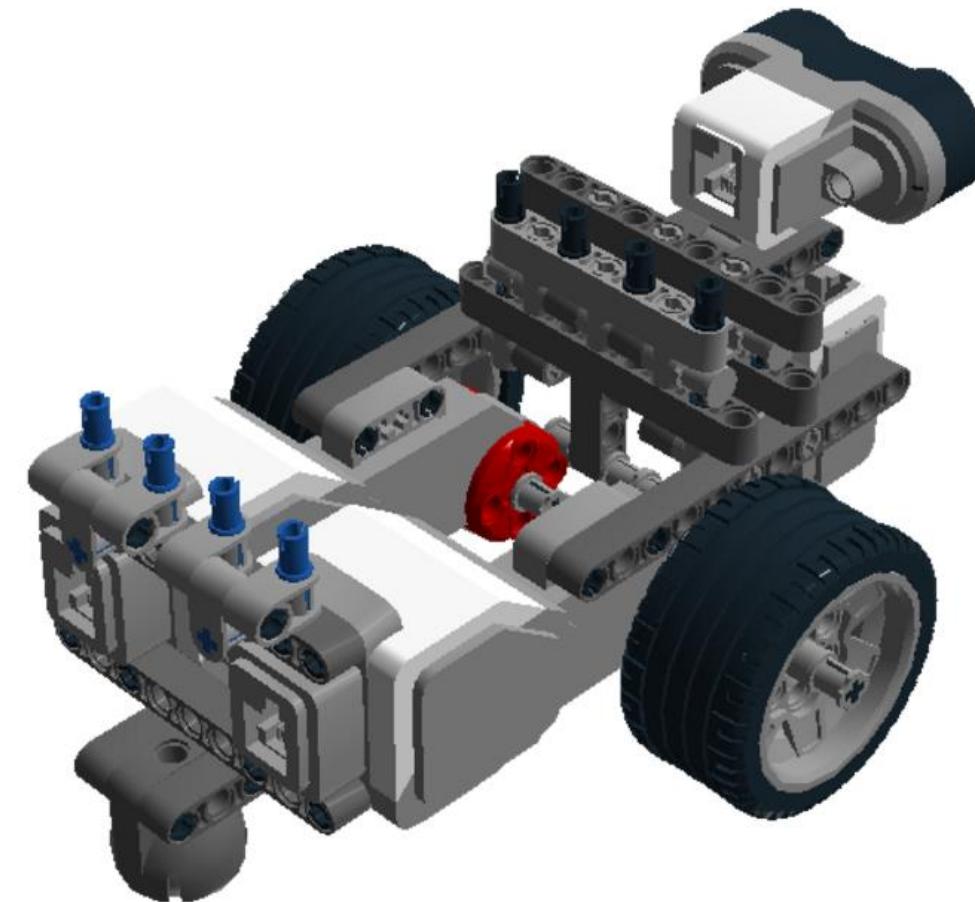
HandsON
Technology

Step 32 of 38

3 x



1 x



education

부록

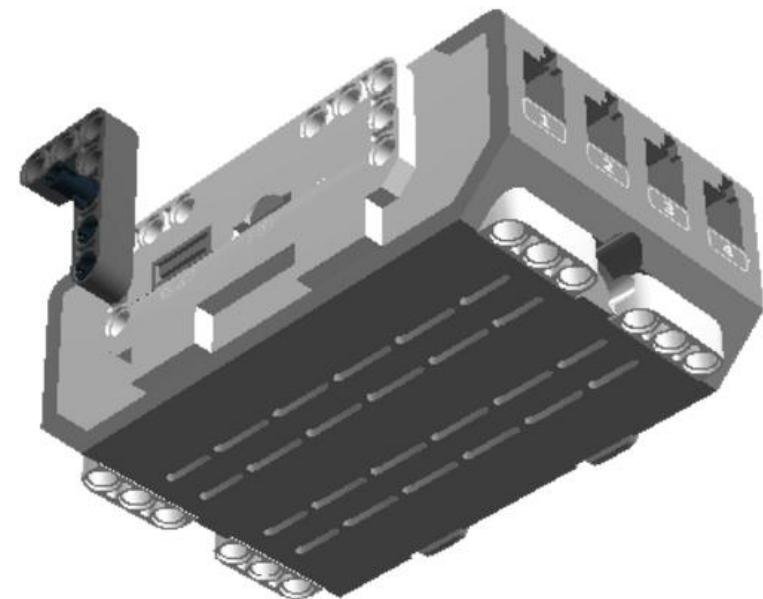
HandsON
Technology

Step 34 of 38

1 x



3 x



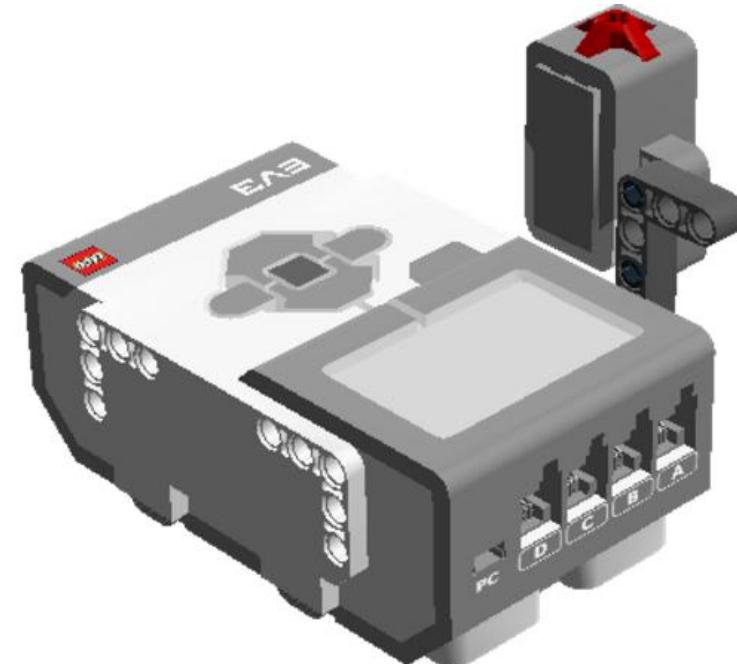
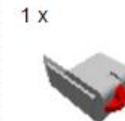
부록



education

HandsON
Technology

Step 35 of 38



부록



education

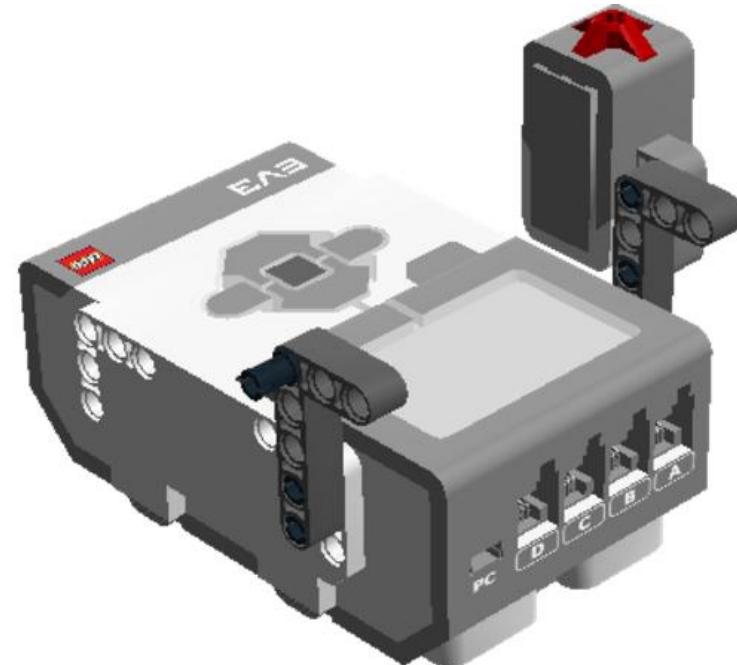
HandsON
Technology

Step 36 of 38

1 x



3 x



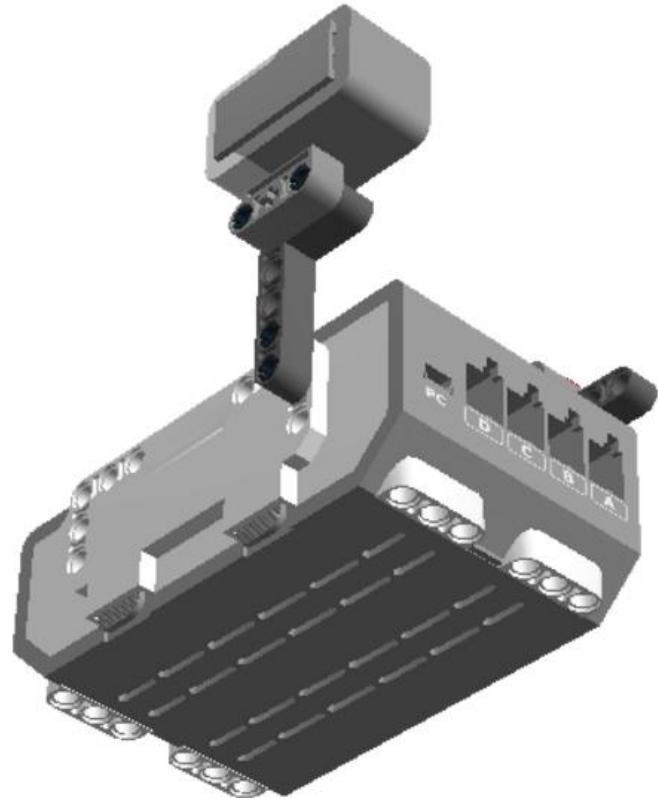
부록



education

HandsON
Technology

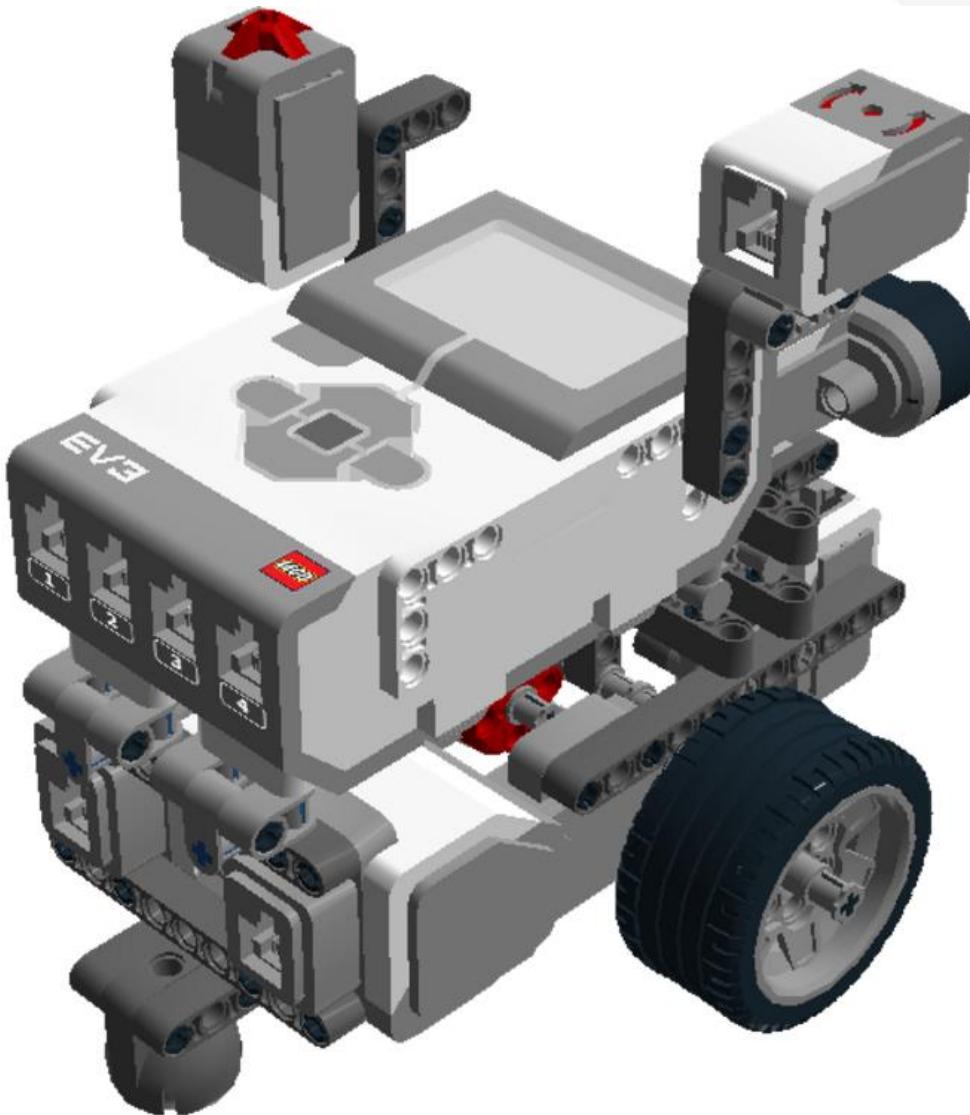
Step 37 of 38



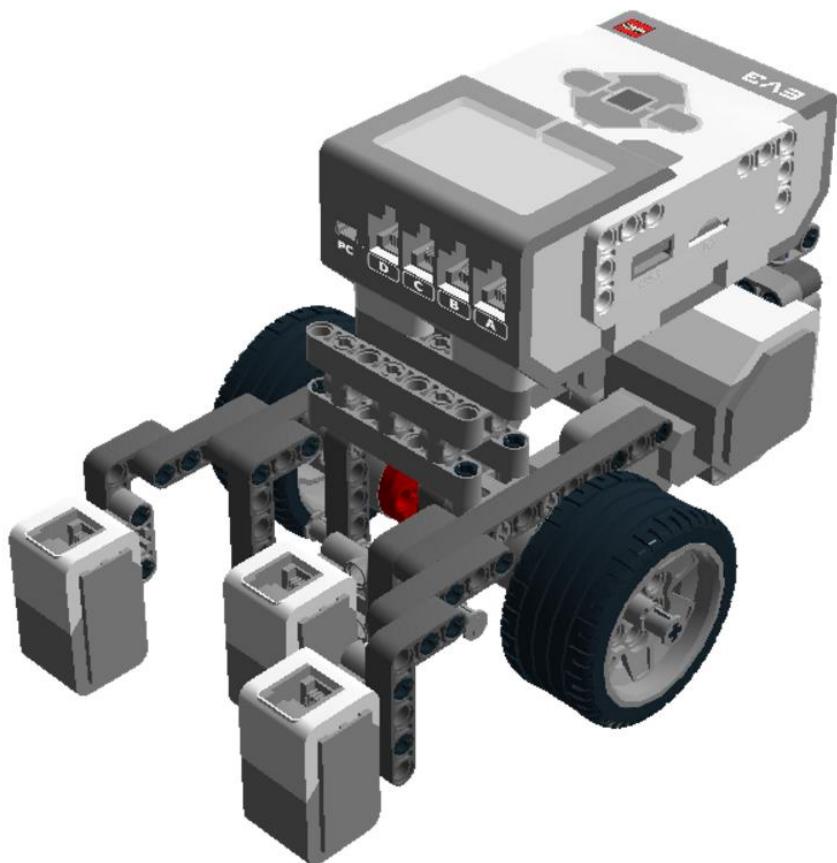
education

부록

HandsOn
Technology



기본 & 탐색형 라인 트레이서



2 x	4634091 RIM WIDE 43.2X26 W 6 HOL.Ø 4.8 - Medium Stone Grey	2 x	6035364 TYRE LOW WIDE Ø56 X 28 - Black	1 x	6023956 STEEL BALL - Silver Metallic
3 x	6008919 MS. EV3, SENSOR, COLOUR - White,Bright Red,Black,Medium Blue,Medium Stone Grey	2 x	6057952 MS 2013 ENGINE - White,Bright Red,Medium Stone Grey	1 x	6009996 MS-EV3, P-BRICK - White,Transparent,Medium Stone Grey,Dark Stone Grey,Silver Metallic
2 x	4210686 TECHNIC 5M BEAM - Dark Stone Grey	6 x	4495930 TECHNIC 7M BEAM - Medium Stone Grey	2 x	4210757 TECHNIC 9M BEAM - Dark Stone Grey
2 x	4210755 TECHNIC 11M BEAM - Dark Stone Grey	6 x	4210753 TECHNIC ANG. BEAM 3X5 90 DEG. - Dark Stone Grey	32 x	4121715 CONNECTOR PEG W. FRICTION - Black
11 x	4211622 BUSH FOR CROSS AXLE - Medium Stone Grey	6 x	4206482 CONN. BUSH W.FRIC./CROSSALE - Bright Blue	8 x	655826 CONNECTOR PEG W. FRICTION 3M - Black
6 x	4211776 CROSS BLOCK 90° - Medium Stone Grey	1 x	4211805 CROSS AXLE 7M - Medium Stone Grey	2 x	370726 CROSS AXLE 8M - Black
6 x	4225033 BEAM 3 M. W/4 SNAPS - Medium Stone Grey	1 x	4610380 POWER JOINT - Dark Stone Grey		

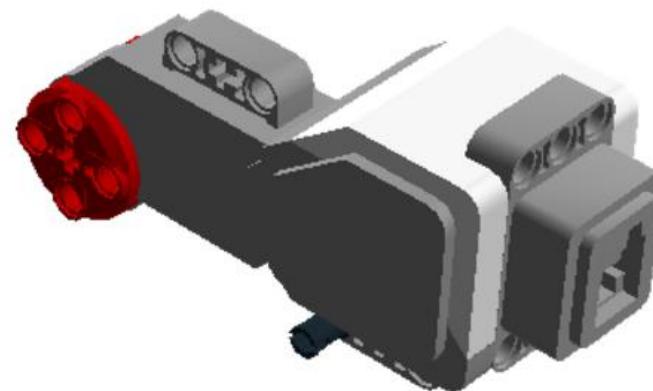
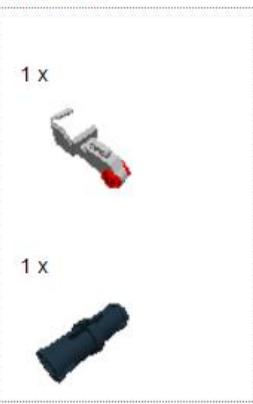
부록



education

HandsON
Technology

Step 1 of 43

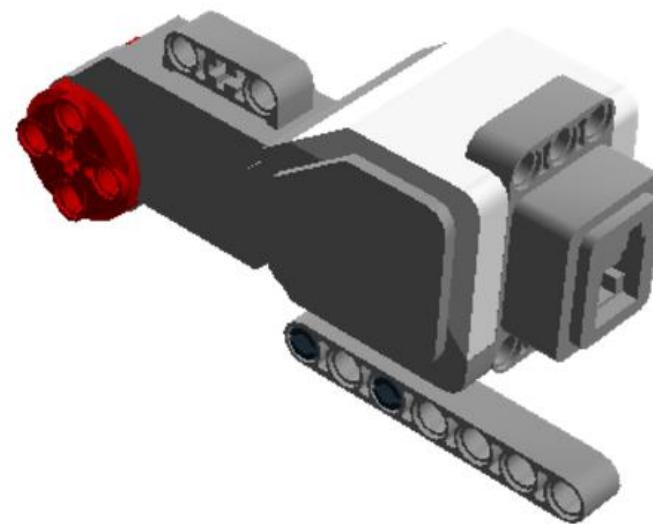


Step 2 of 43

1 x



1 x



education

부록

HandsON
Technology

Step 3 of 43

1 x



1 x



부록



education

HandsON
Technology



education

부록

HandsON
Technology

Step 5 of 43

1 x



education

부록

HandsON
Technology

Step 6 of 43

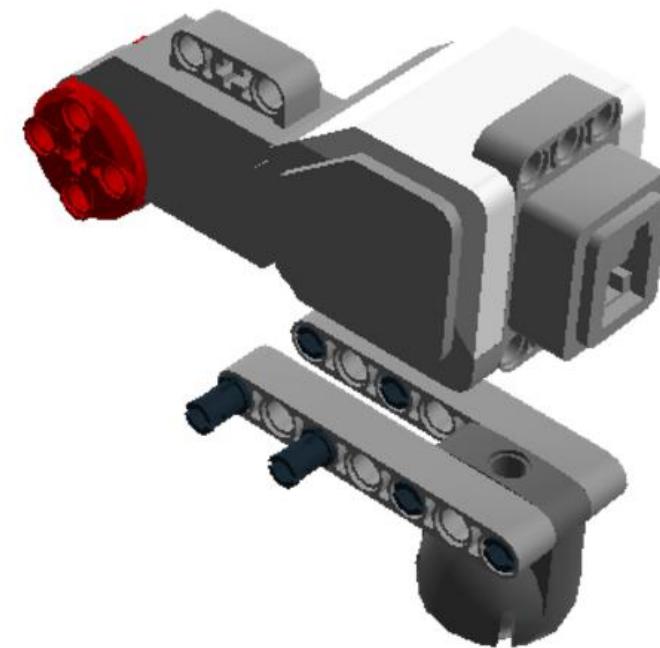
1 x



2 x



1 x



부록



education

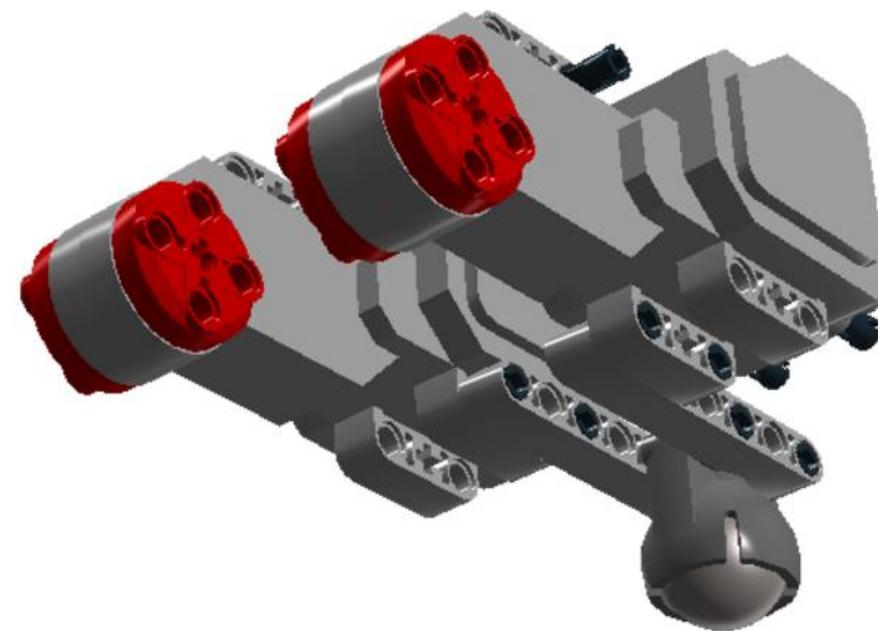
HandsON
Technology

Step 7 of 43

1 x



3 x



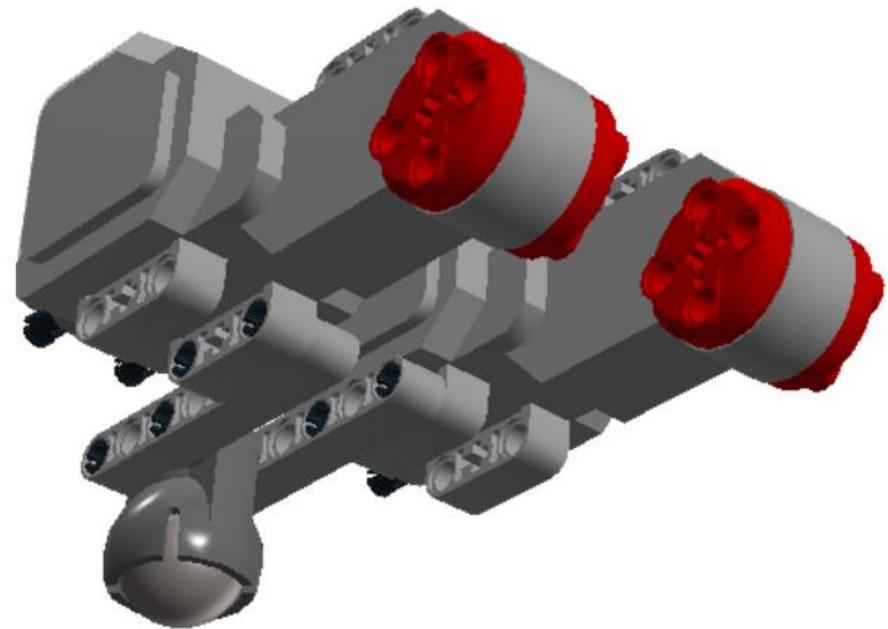
education

부록

HandsON
Technology

Step 8 of 43

2 x

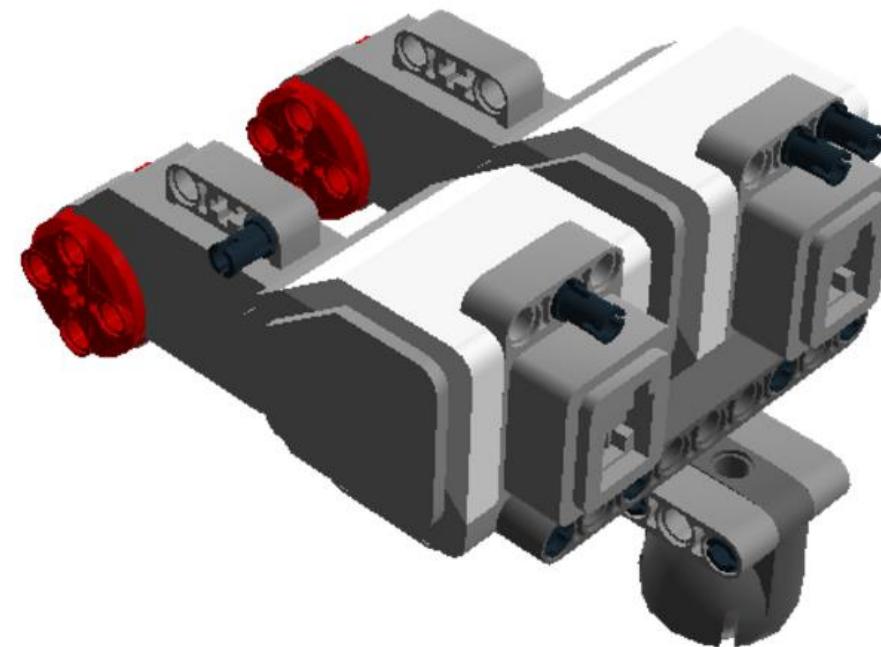


Step 9 of 43

1 x



3 x



부록



education

HandsON
Technology

Step 10 of 43

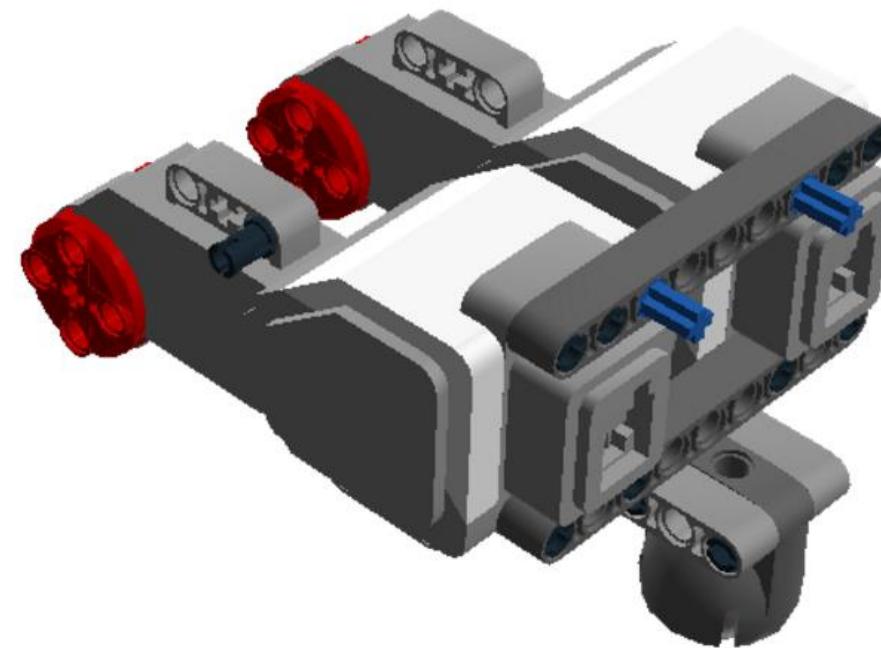
1 x



1 x



2 x



부록



education

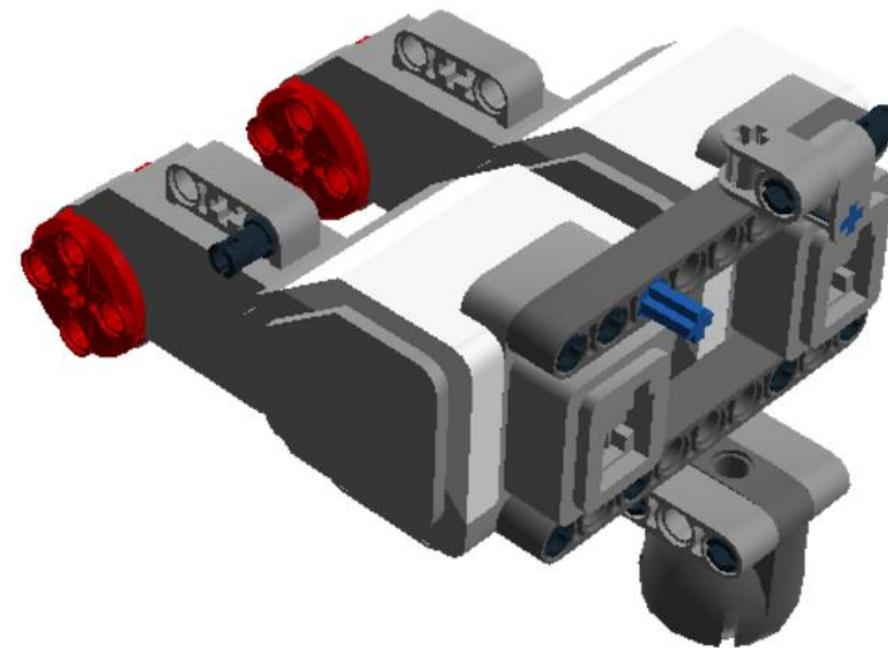
HandsON
Technology

Step 11 of 43

1 x



2 x



education

부록

HandsON
Technology

Step 12 of 43

1 x



3 x

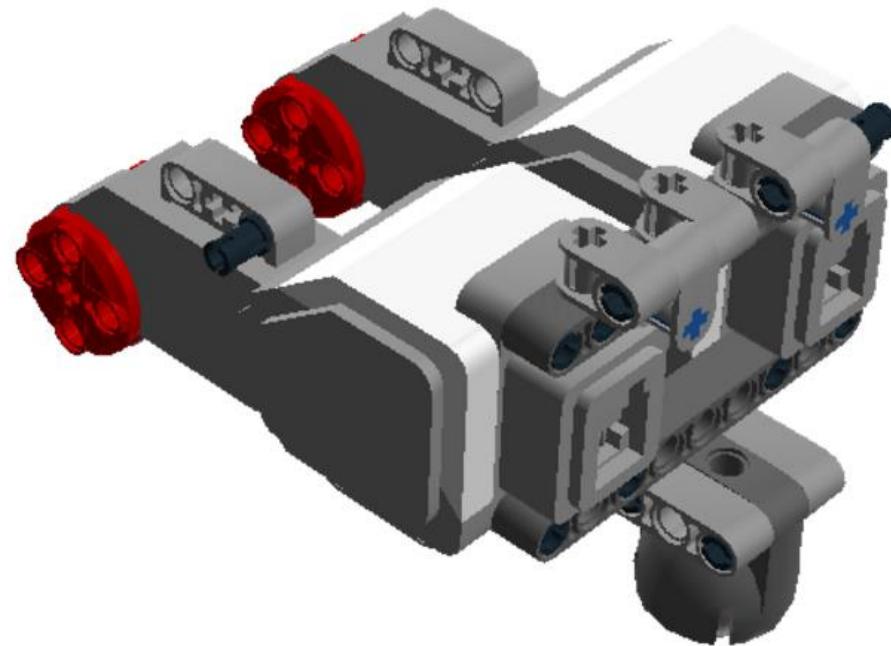


부록



education

HandsOn
Technology



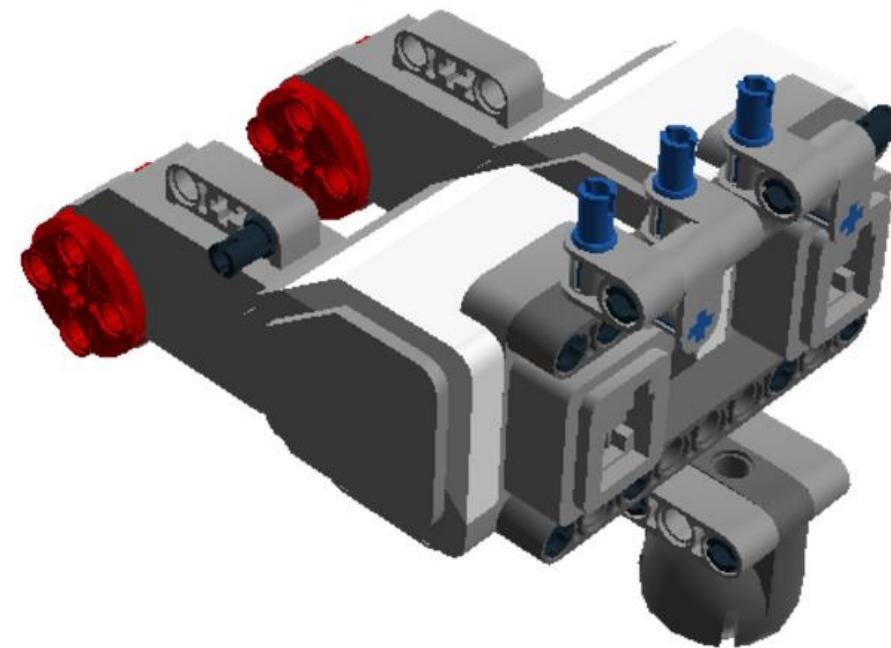
education

부록

HandsON
Technology

Step 14 of 43

3 x



education

부록

HandsON
Technology

Step 15 of 43

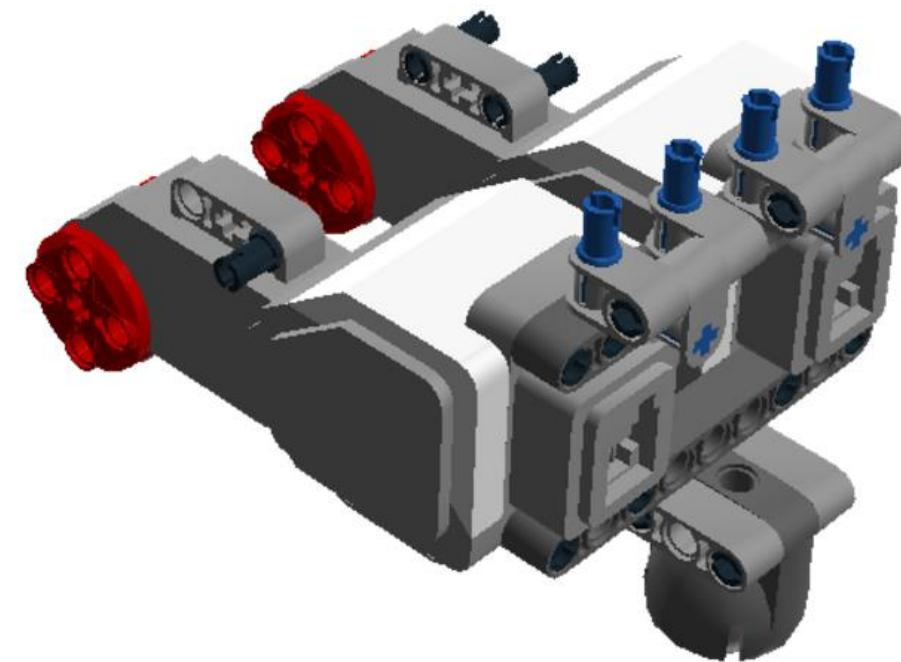
2 x



1 x



1 x



부록



education

HandsON
Technology

Step 16 of 43

2 x



1 x



1 x



부록



education

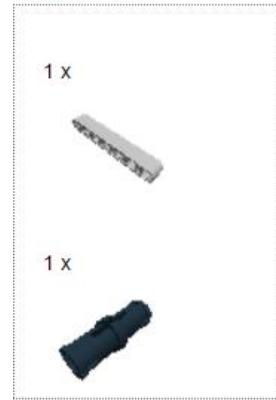
HandsOn
Technology

Step 17 of 43

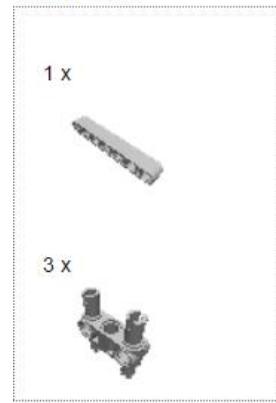


부록

Step 18 of 43



Step 19 of 43



Step 20 of 43

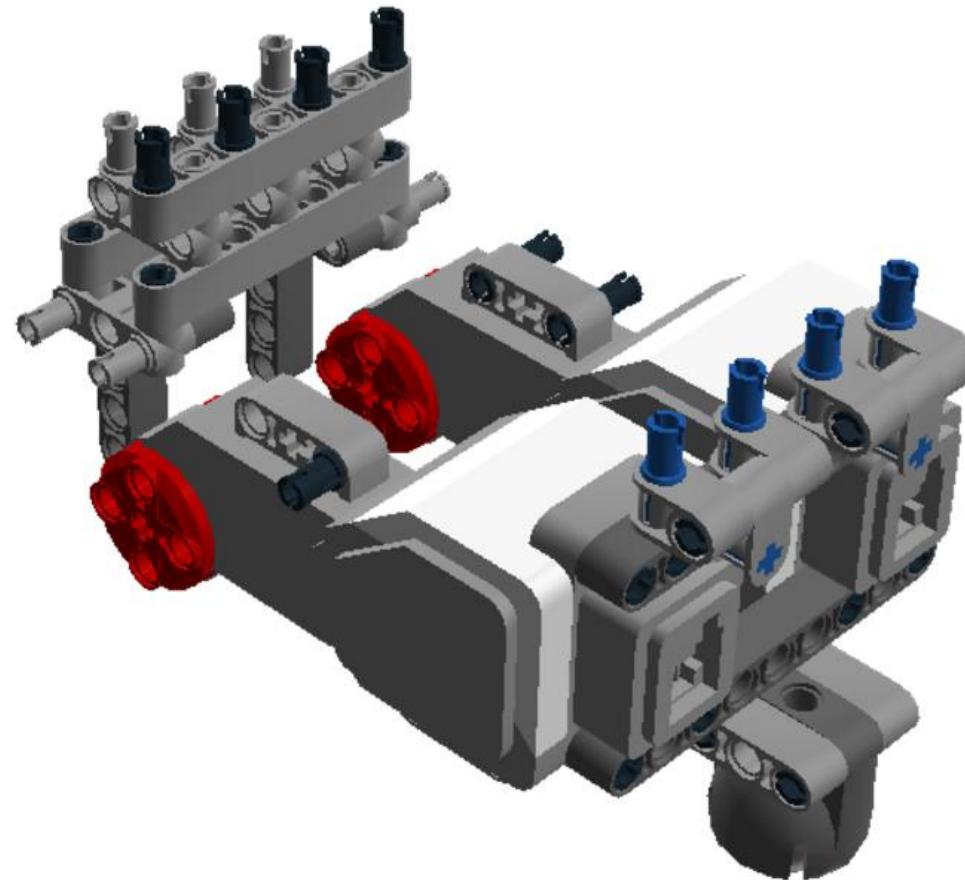
4 x



education

부록

HandsON
Technology



education

부록

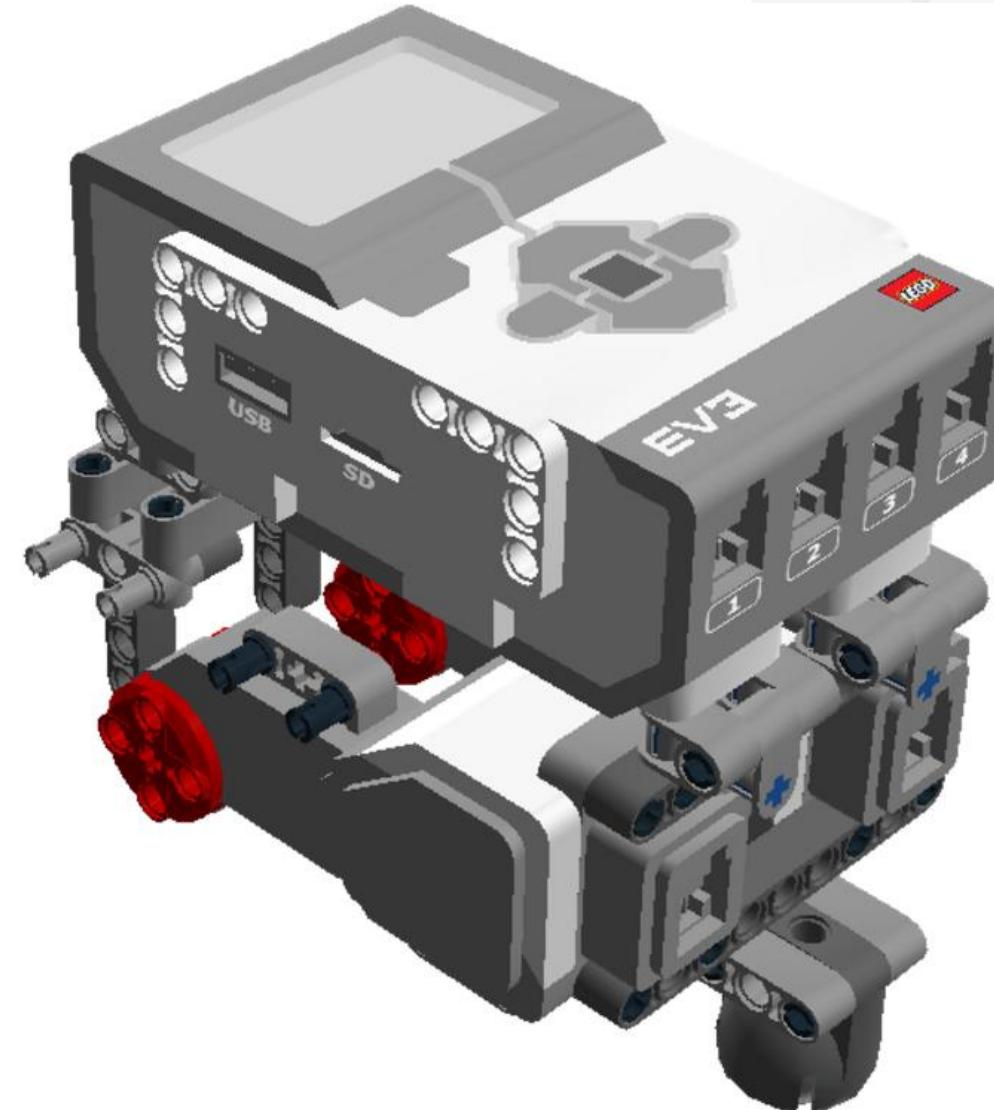
HandsON
Technology

Step 22 of 43

1 x



1 x



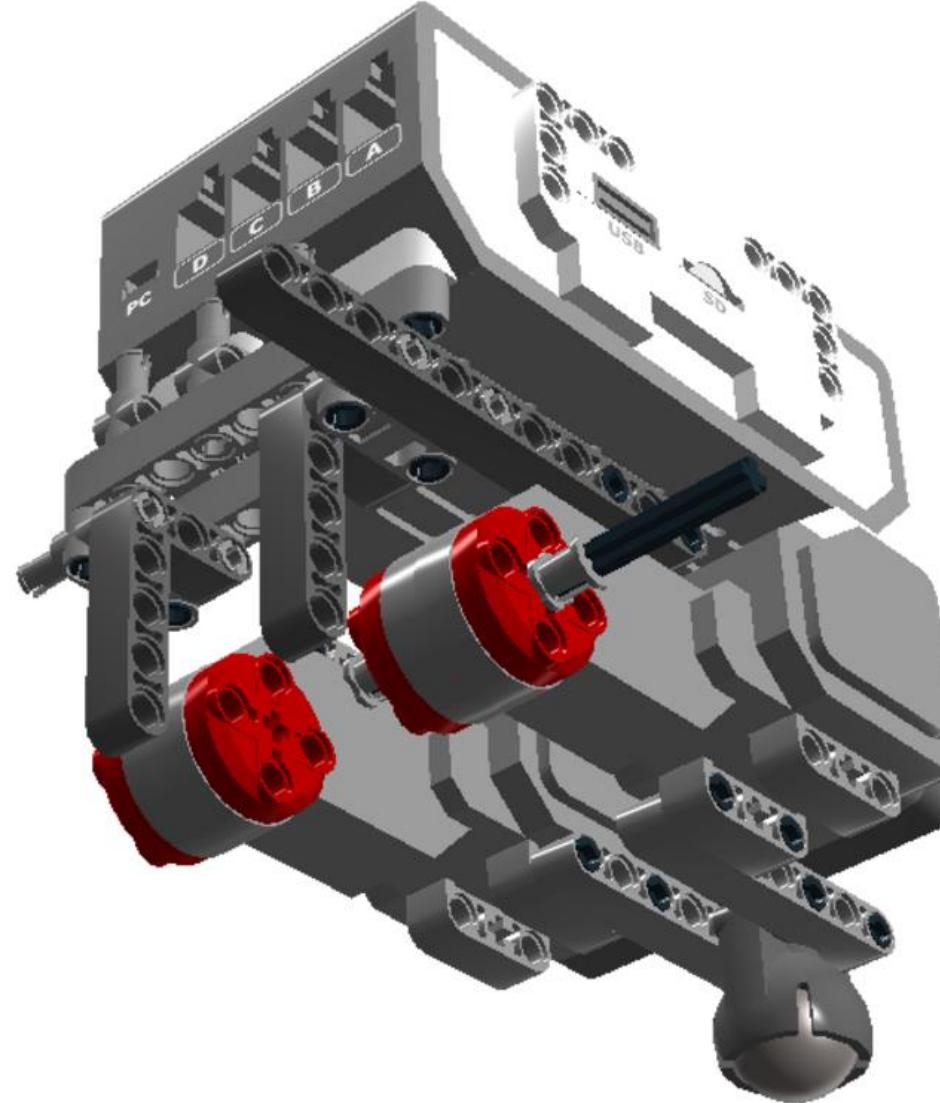
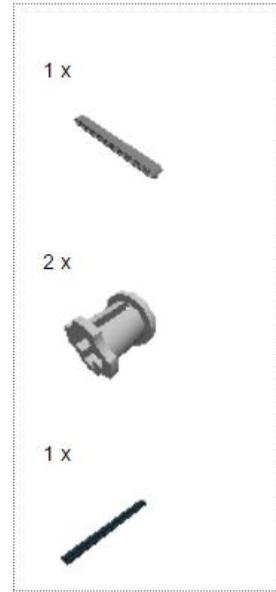
부록



education

HandsON
Technology

Step 23 of 43



Step 24 of 43

1 x



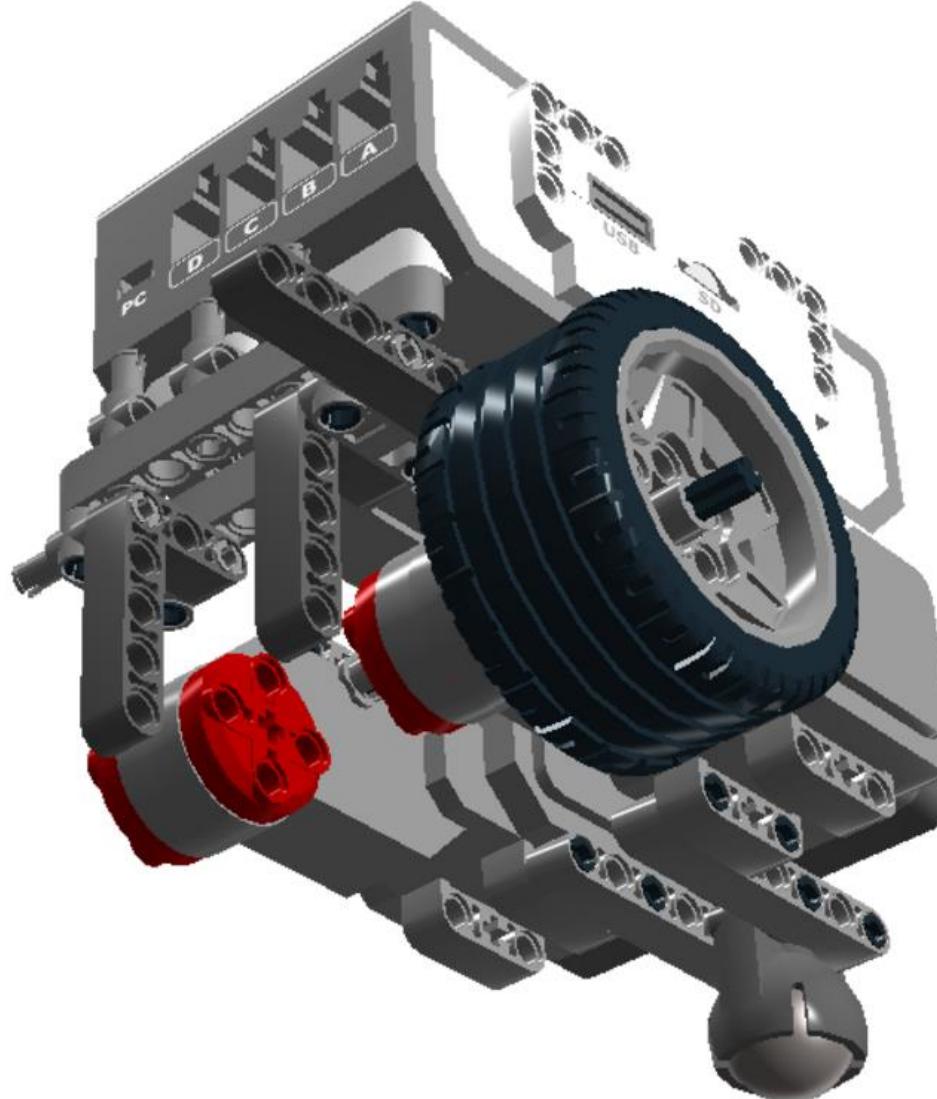
1 x



education

부록

HandsON
Technology



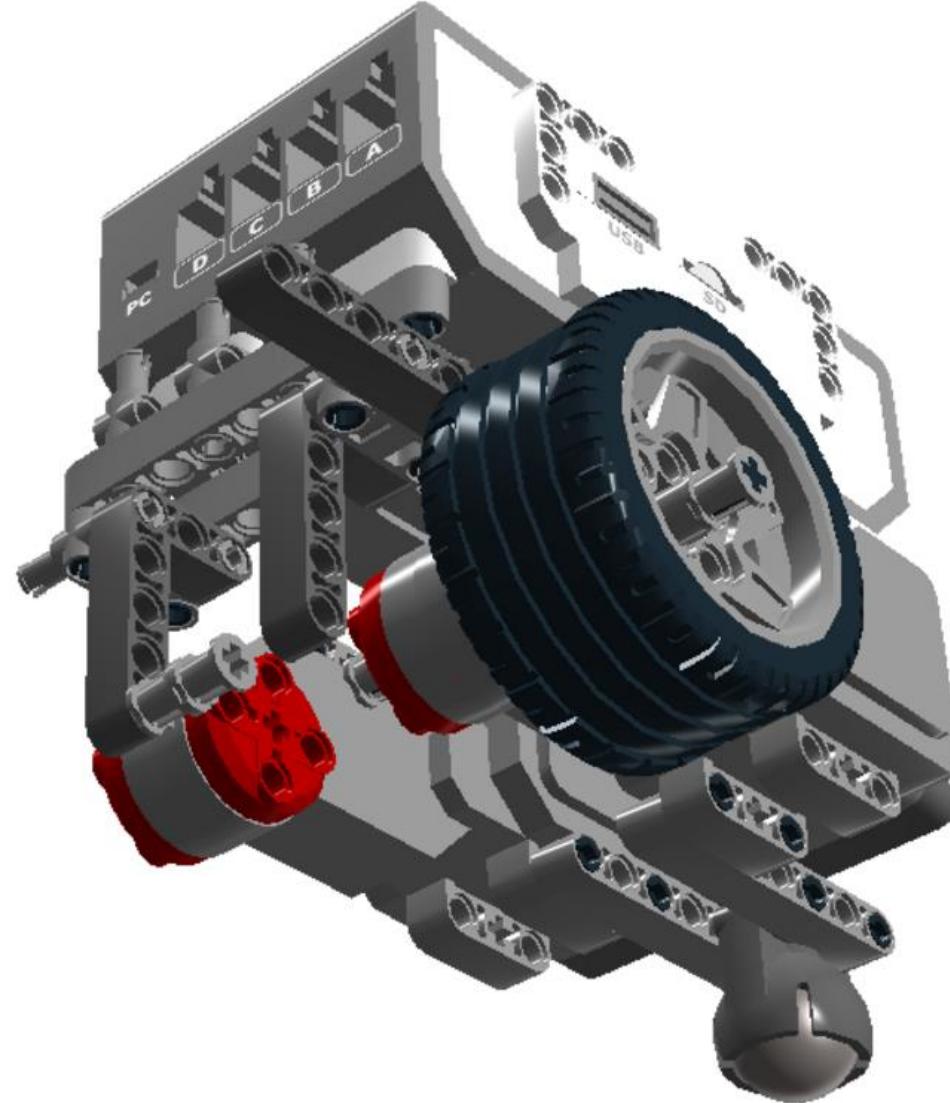
education

부록

HandsON
Technology

Step 26 of 43

3 x

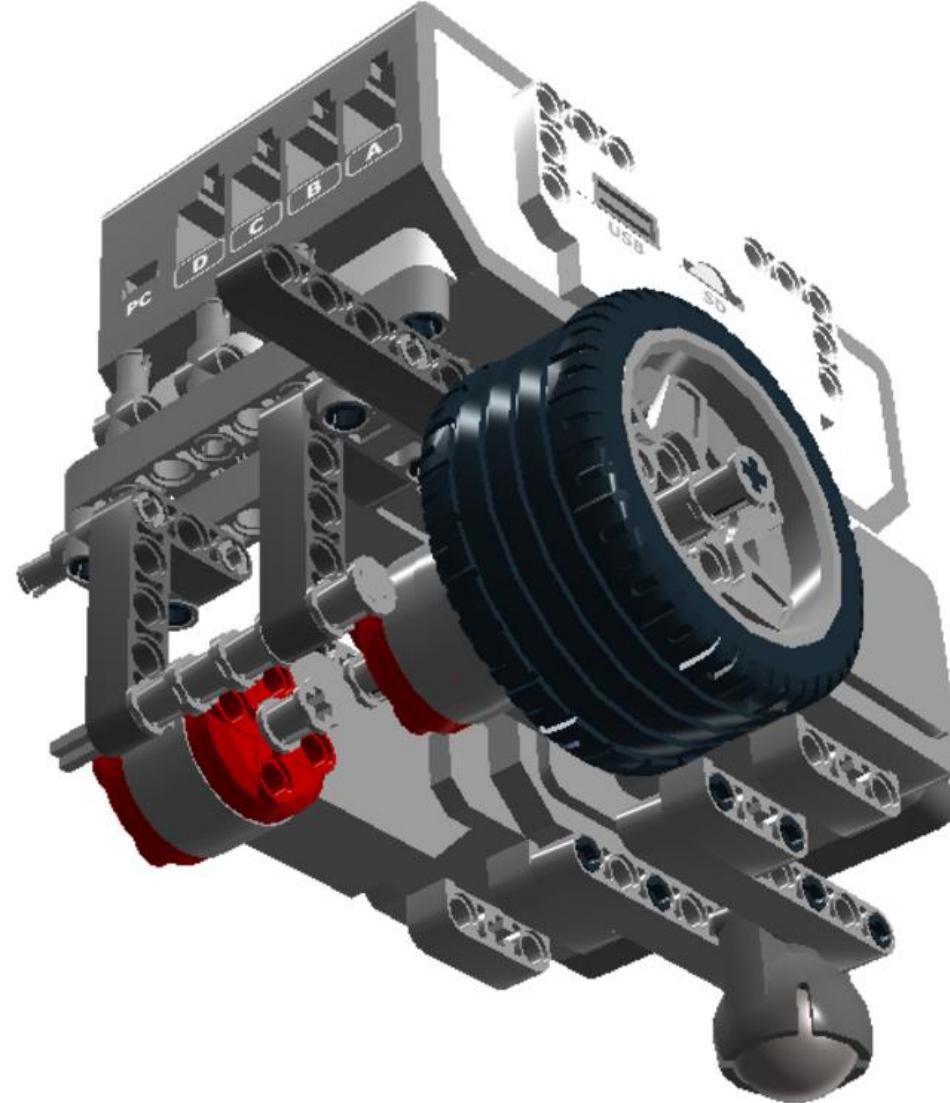


education

부록

HandsON
Technology

Step 27 of 43

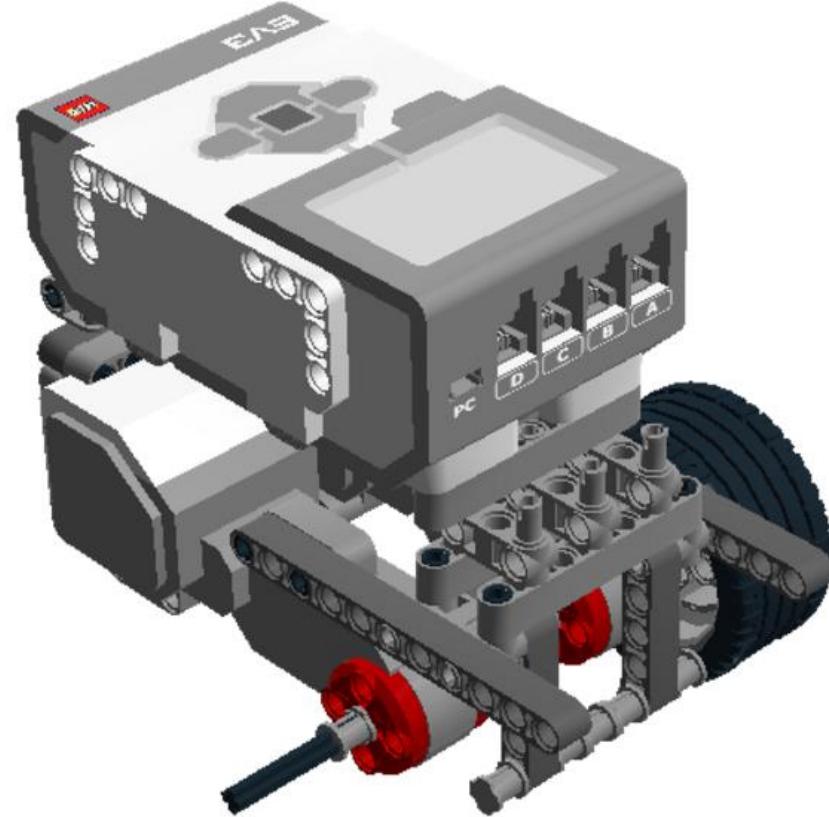
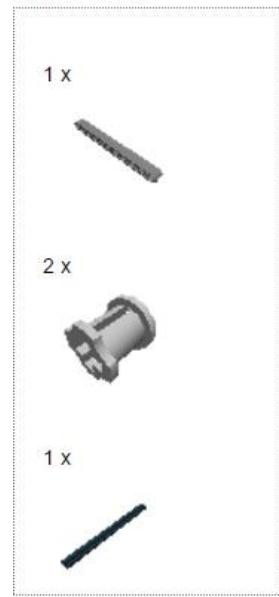


education

부록

HandsON
Technology

Step 28 of 43



Step 29 of 43

1 x



1 x

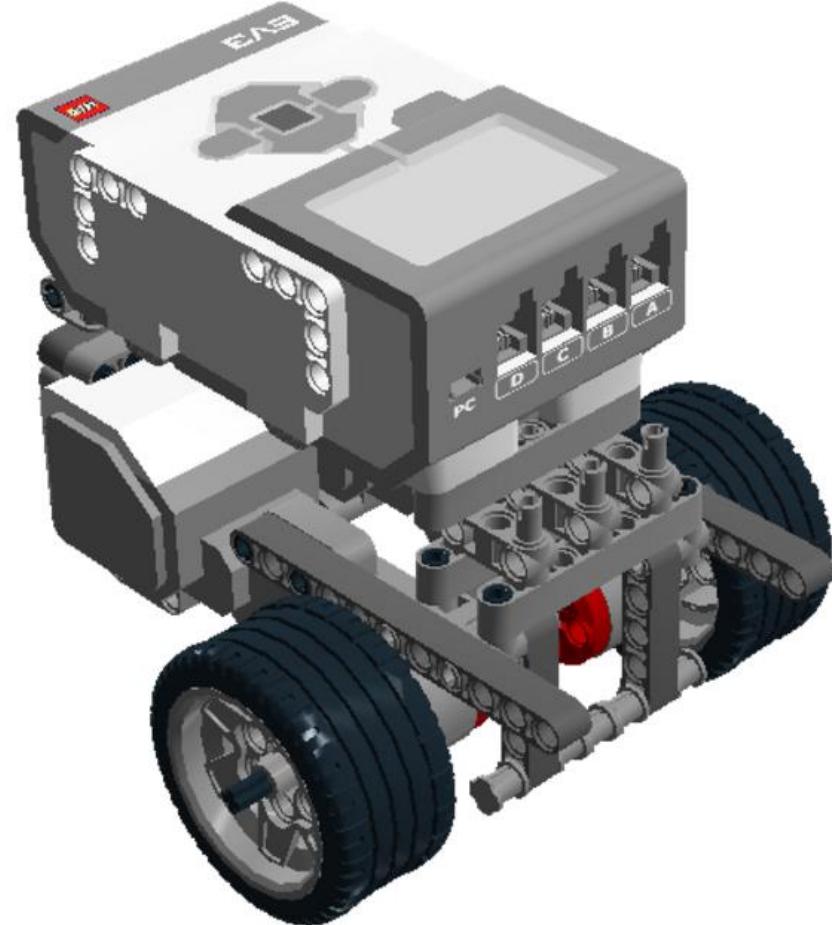


부록



education

HandsOn
Technology



Step 31 of 43

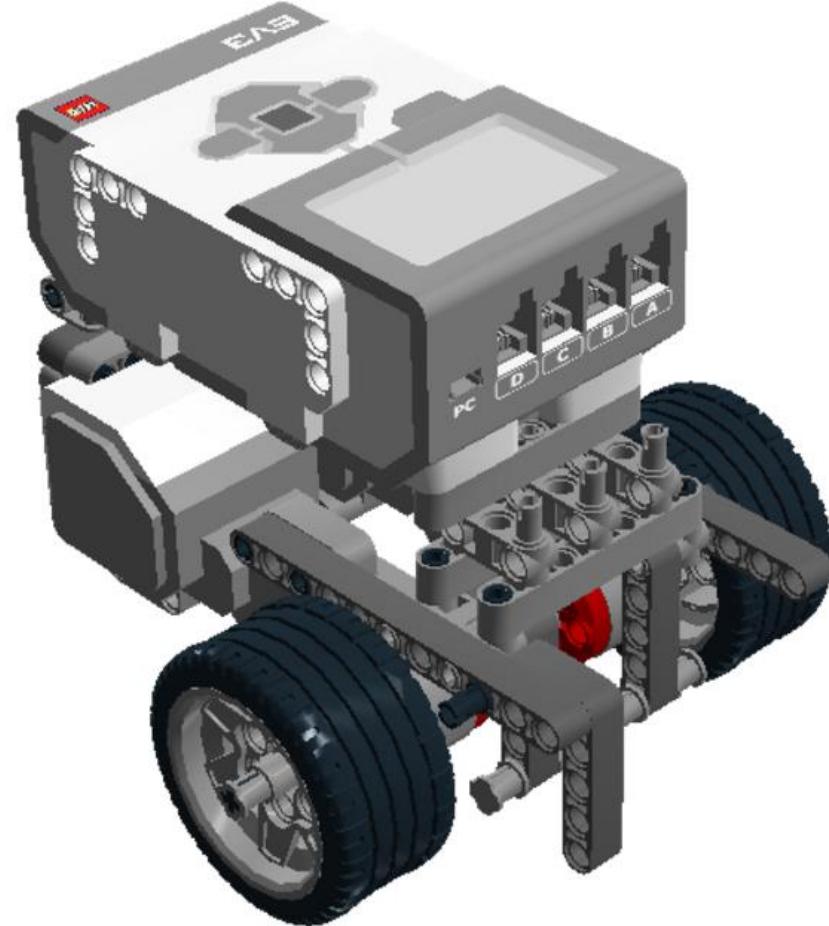
1 x



1 x



1 x



부록



education

HandsON
Technology

Step 32 of 43

1 x



1 x



1 x

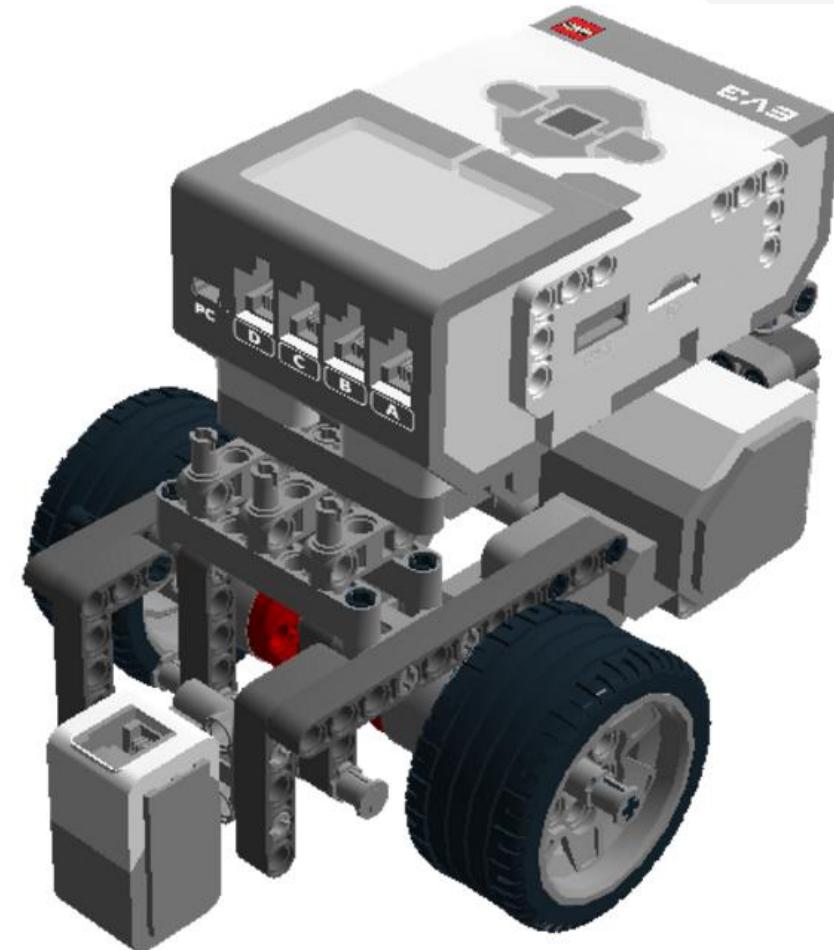


부록



education

HandsON
Technology



education

부록

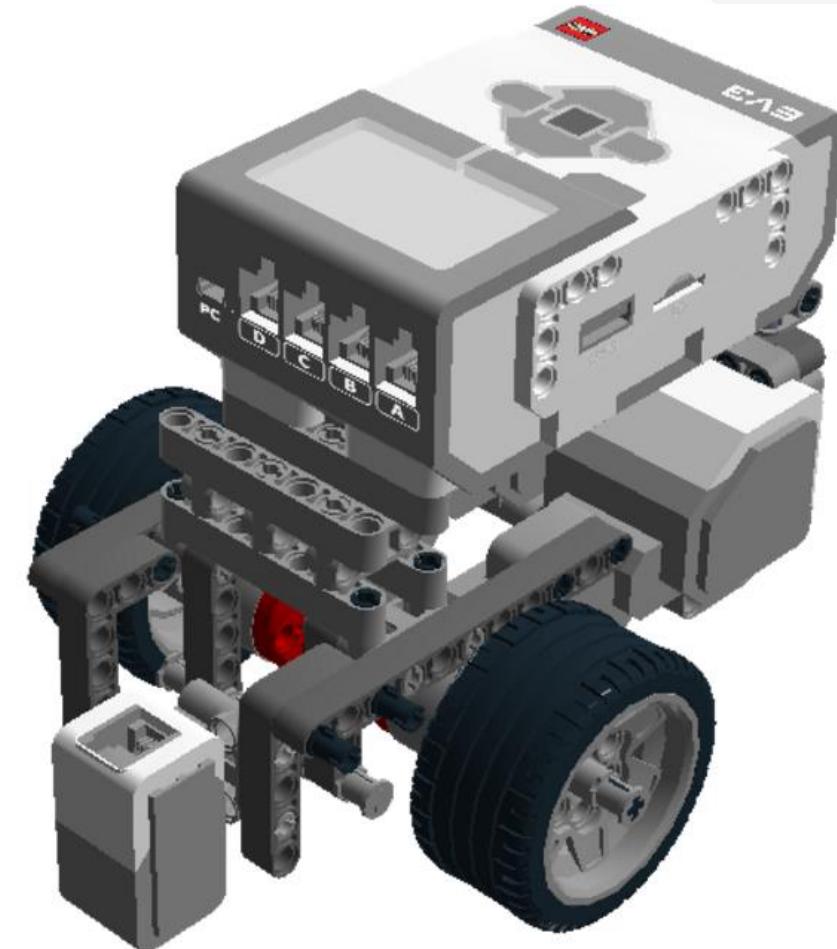
HandsON
Technology

Step 34 of 43

1 x



2 x



부록

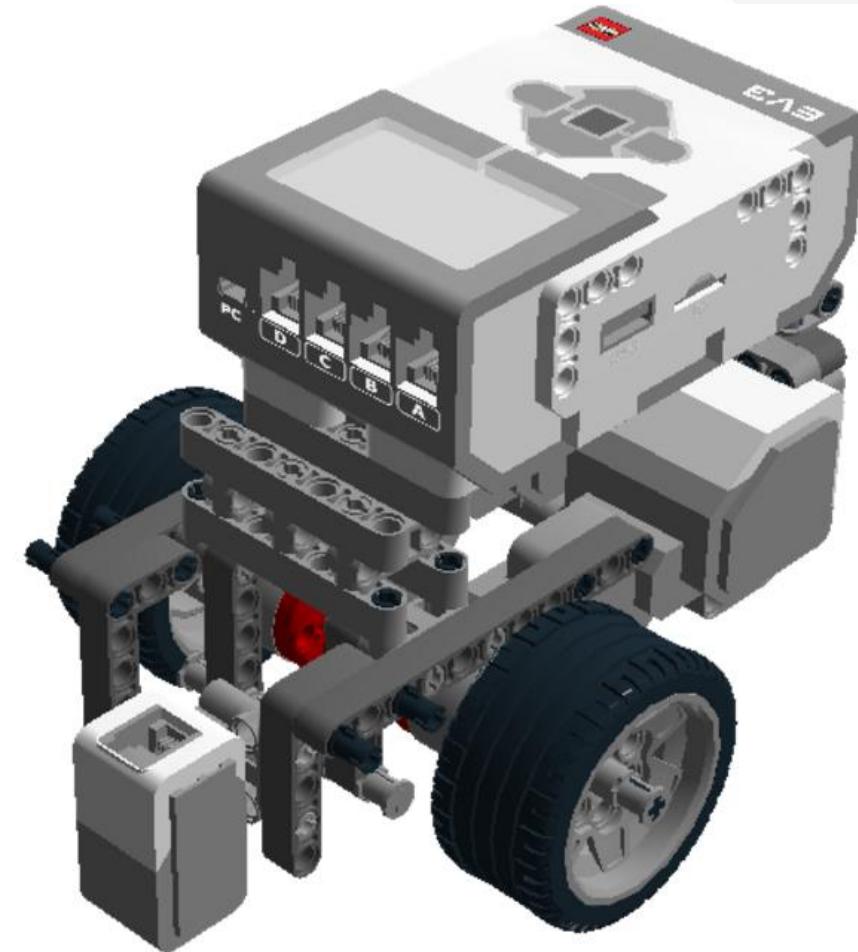


education

HandsON
Technology

Step 35 of 43

1 x



Step 36 of 43

1 x



1 x



education

부록

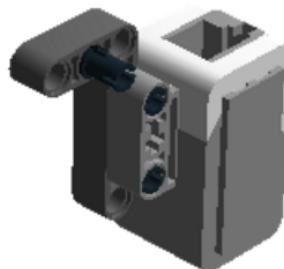
HandsOn
Technology

Step 37 of 43

1 x



2 x



education

부록

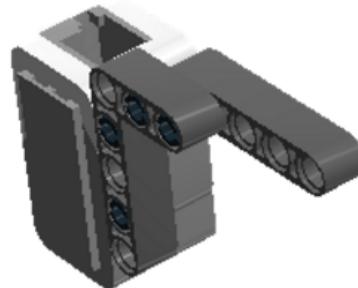
HandsOn
Technology

Step 38 of 43

1 x



1 x

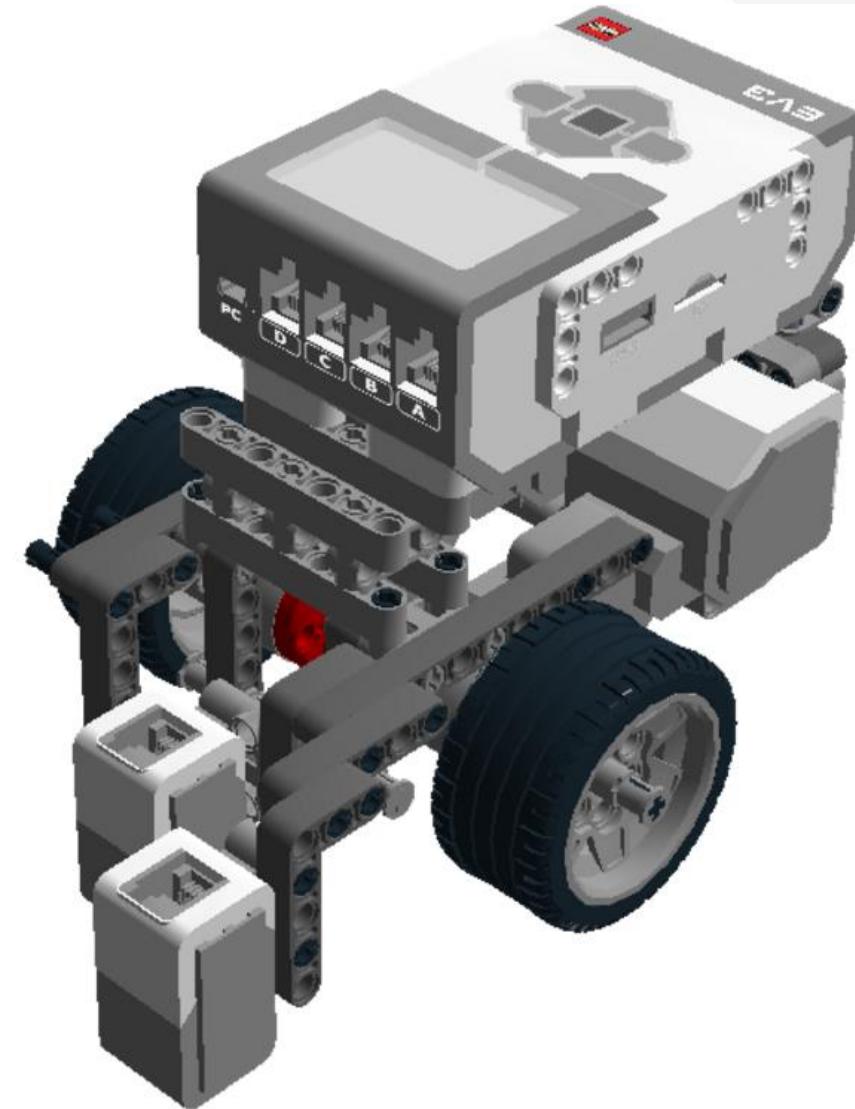


부록



education

HandsOn
Technology



Step 40 of 43

1 x



1 x



부록



education

HandsOn
Technology

Step 41 of 43

1 x



2 x



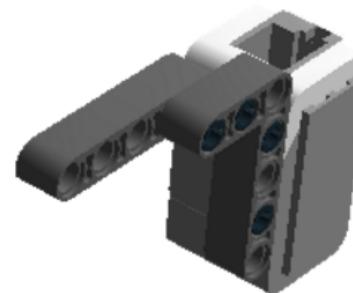
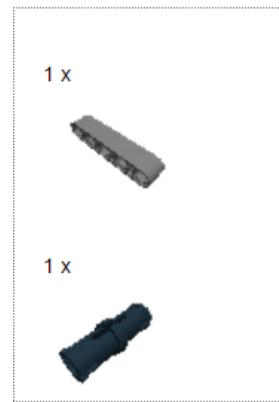
부록

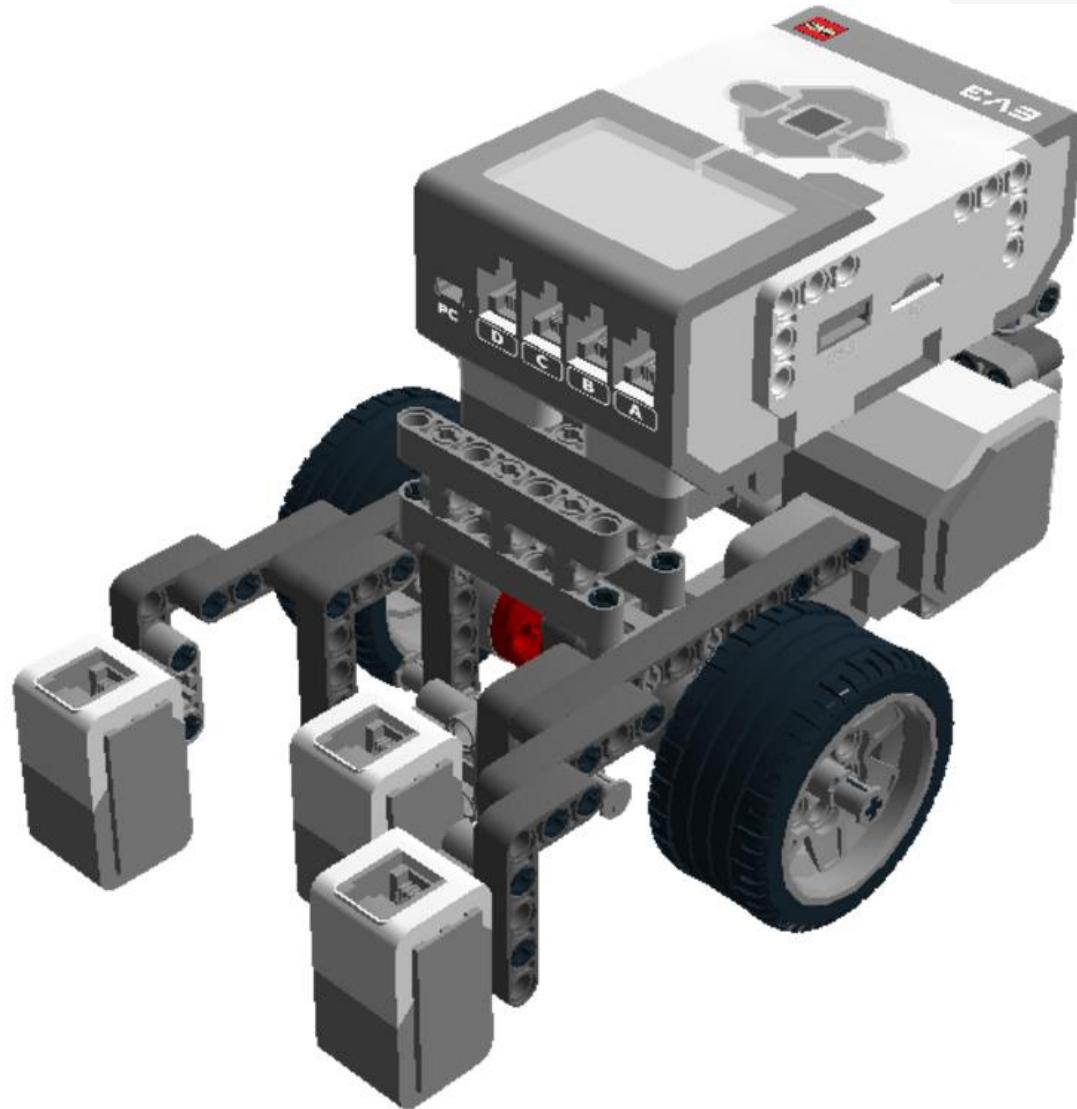


education

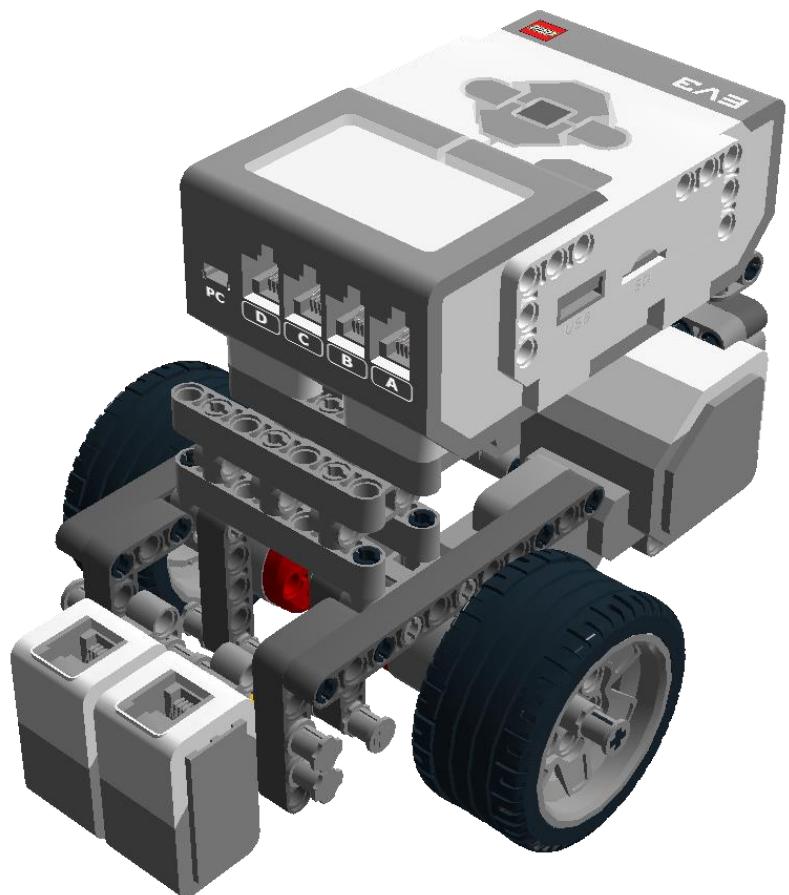
HandsOn
Technology

Step 42 of 43





인공지능 라인 트레이서



2 x		RIM WIDE 43.2X26 W 6 4634051 HOHOL Ø 4.8 - Medium Stone Grey
2 x		TYRE LOW WIDE Ø56 X 28 6035364 - Black
1 x		STEEL BALL - Silver Metallic 6023956
2 x		MS. EV3. SENSOR. COLOUR - White, Bright Red, Black, Medium Blue, Medium Stone Grey 6008919
2 x		MS 2013 ENGINE - White, Bright Red, Medium Stone Grey 6057952
1 x		MS-EV3, P-BRICK - White, Transparent, Medium Stone Grey, Dark Stone Grey, Silver Metallic 6009996
6 x		TECHNIC 7M BEAM - Medium Stone Grey 4495930
2 x		TECHNIC 9M BEAM - Dark Stone Grey 4210757
2 x		TECHNIC 11M BEAM - Dark Stone Grey 4210755
4 x		TECHNIC ANG. BEAM 3X5 90 DEG. - Dark Stone Grey 4210753
4 x		1/2 BUSH - Bright Yellow 4239601
28 x		CONNECTOR PEG W. FRICTION - Black 4121715
19 x		BUSH FOR CROSS AXLE - Medium Stone Grey 4211622
6 x		CONN. BUSH W. FRICTION/CROSSALE - Bright Blue 4206482
4 x		CONNECTOR PEG W. FRICTION 3M - Black 655826
6 x		CROSS BLOCK 90° - Medium Stone Grey 4211775
1 x		CROSS AXLE 7M - Medium Stone Grey 4211805
2 x		CROSS AXLE 8M - Black 370726
2 x		CROSS AXLE 9M - Medium Stone Grey 4535768
5 x		BEAM 3 M. W/4 SNAPS - Medium Stone Grey 4225033
1 x		POWER JOINT - Dark Stone Grey 4610380



education

부록

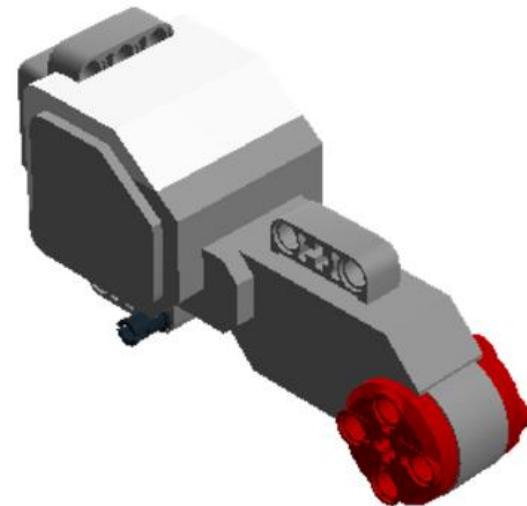
HandsON
Technology

Step 1 of 39

1 x



1 x



부록



education

HandsOn
Technology

Step 2 of 39

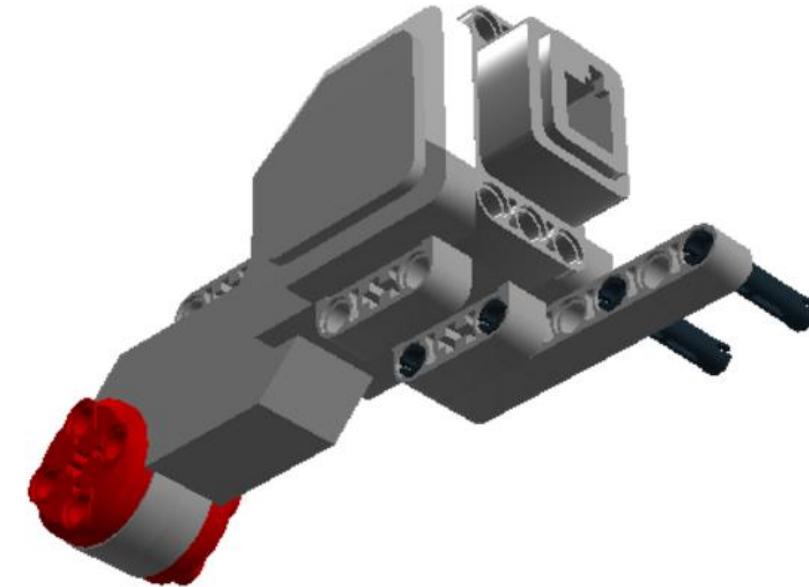
1 x



1 x



2 x



부록



education

HandsON
Technology

Step 3 of 39

1 x



1 x

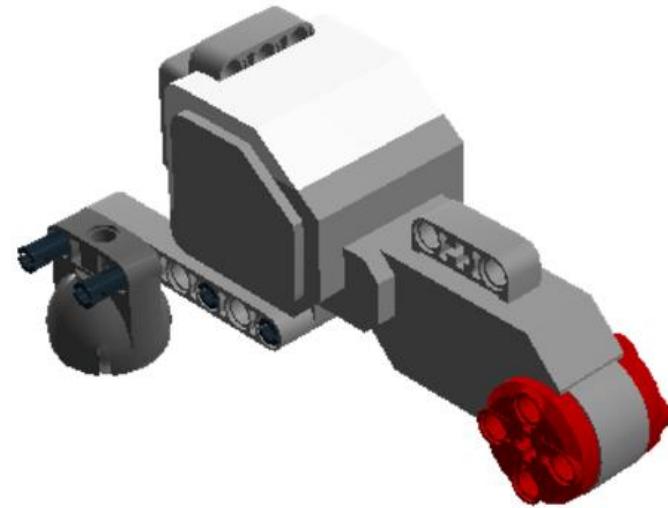


부록

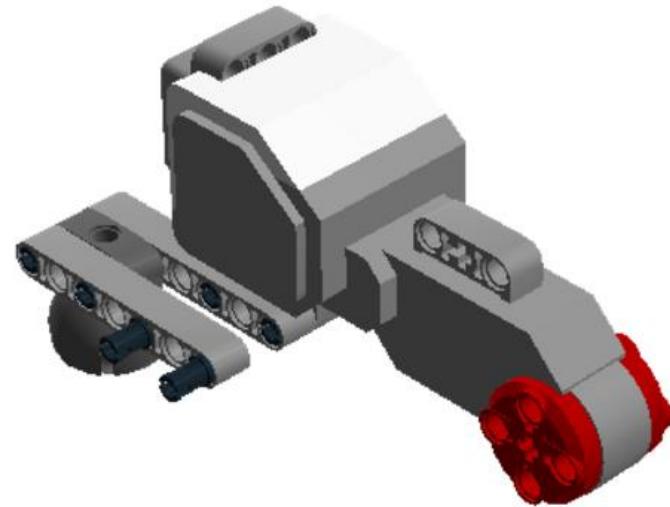
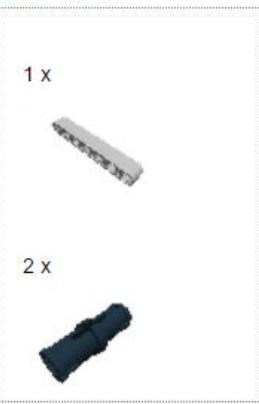


education

HandsON
Technology



Step 5 of 39



Step 6 of 39

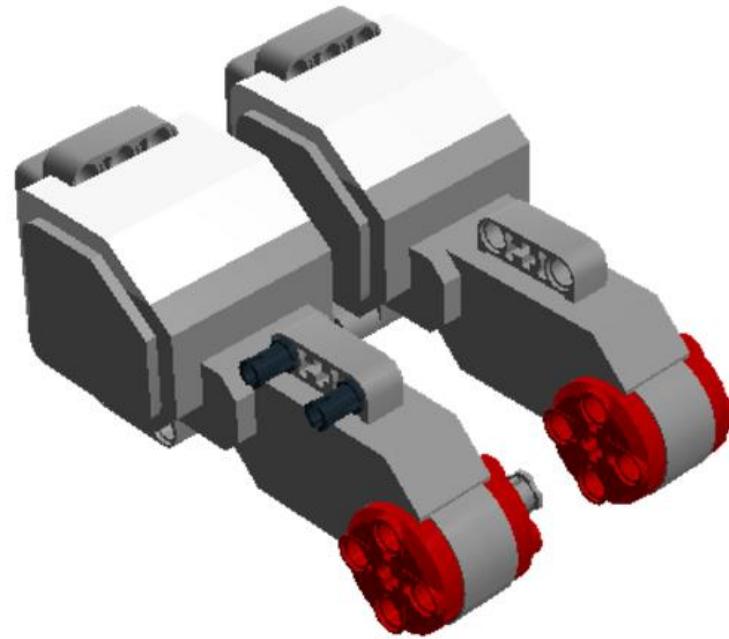
1 x



2 x



1 x



부록



education

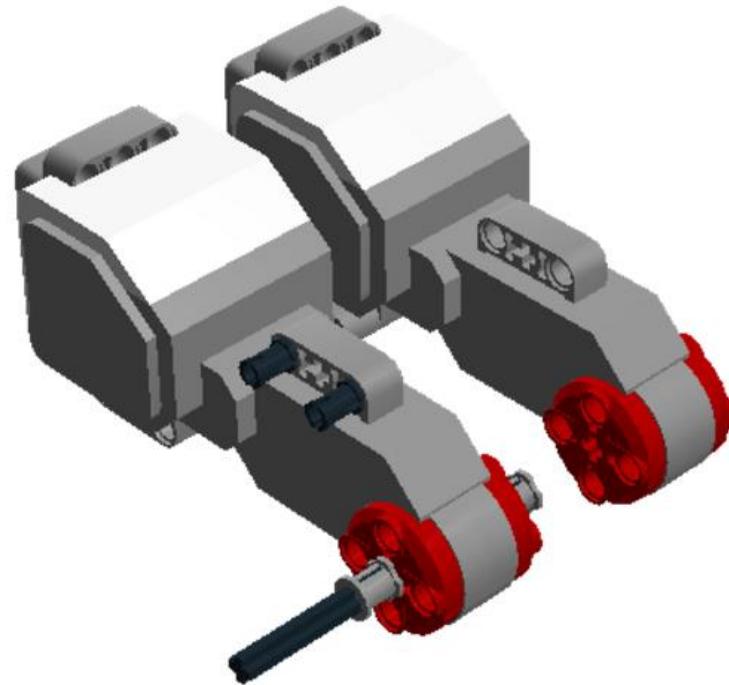
HandsON
Technology

Step 7 of 39

1 x



1 x



부록



education

HandsON
Technology

Step 8 of 39

1 x



education

부록

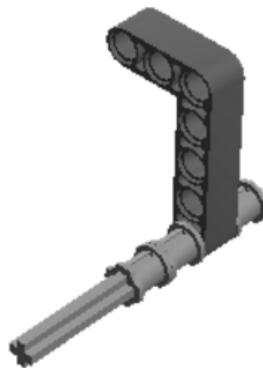
HandsON
Technology

Step 9 of 39

1 x



3 x



부록



education

HandsOn
Technology

Step 10 of 39

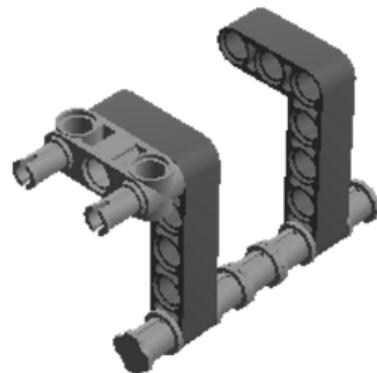
1 x



2 x



1 x

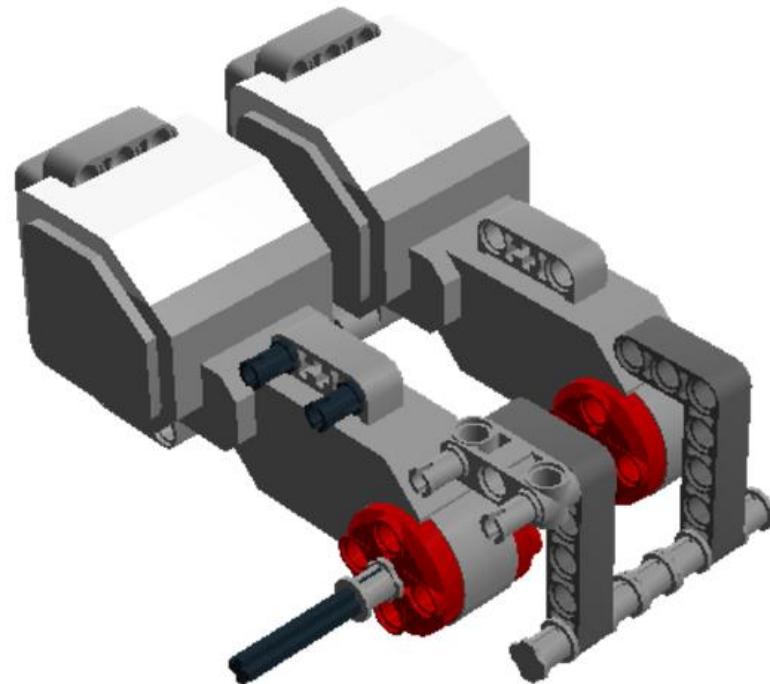


부록



education

HandsON
Technology



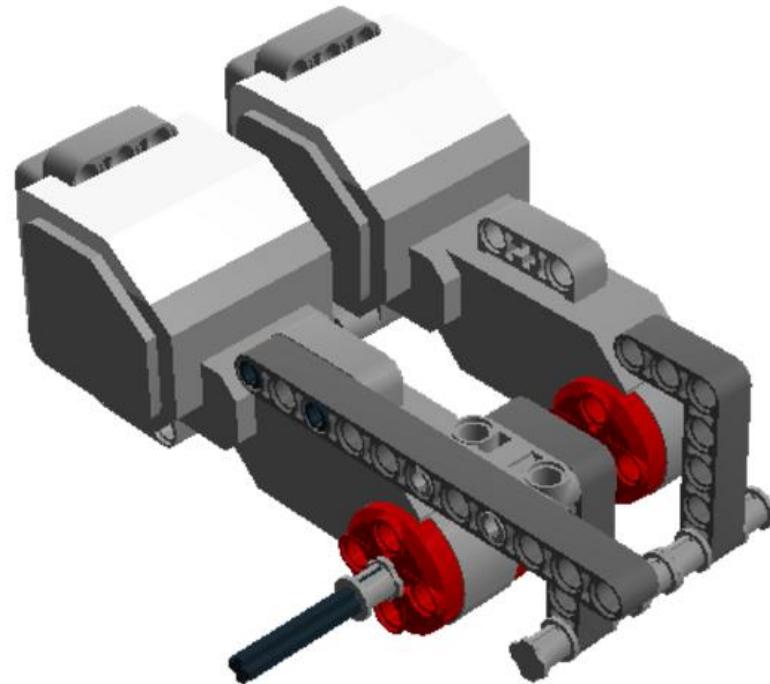
education

부록

HandsOn
Technology

Step 12 of 39

1 x



Step 13 of 39

1 x



1 x

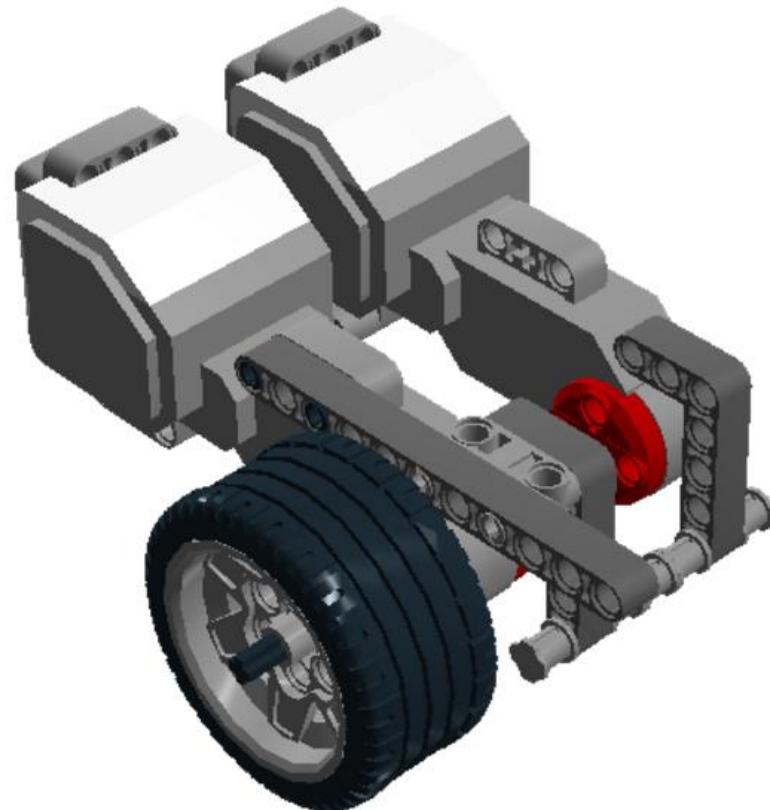


부록



education

HandsON
Technology

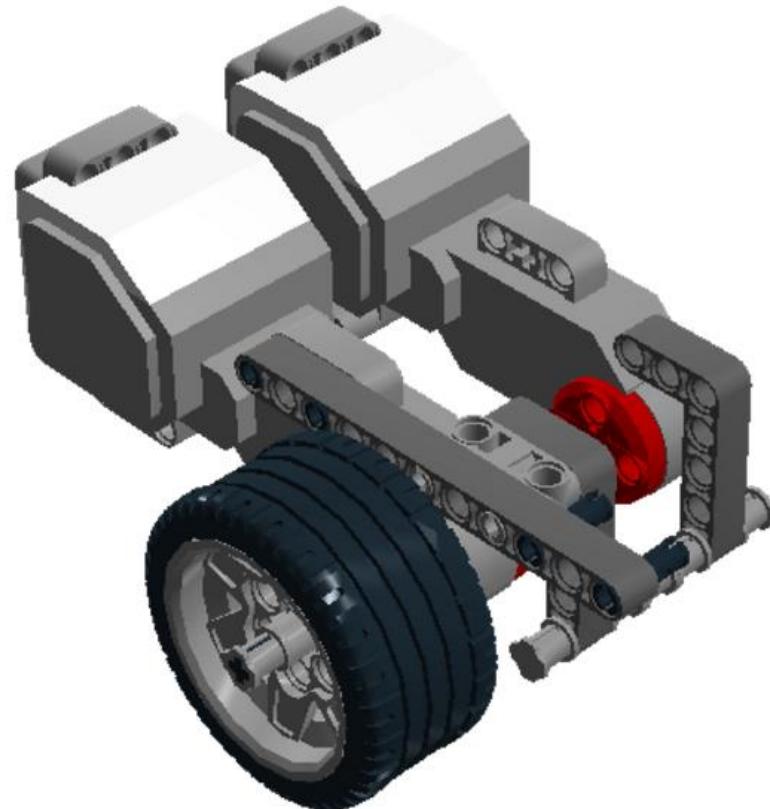


education

부록

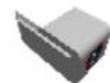
HandsON
Technology

Step 15 of 39

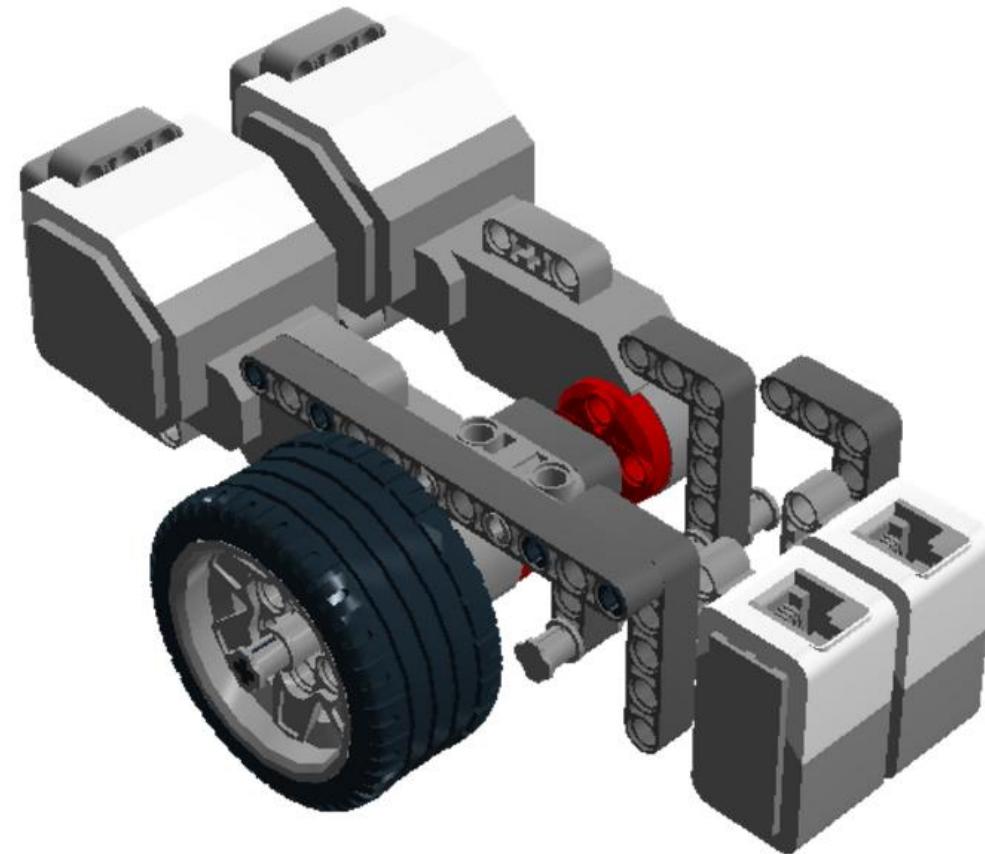


Step 16 of 39

2 x



2 x



education

부록

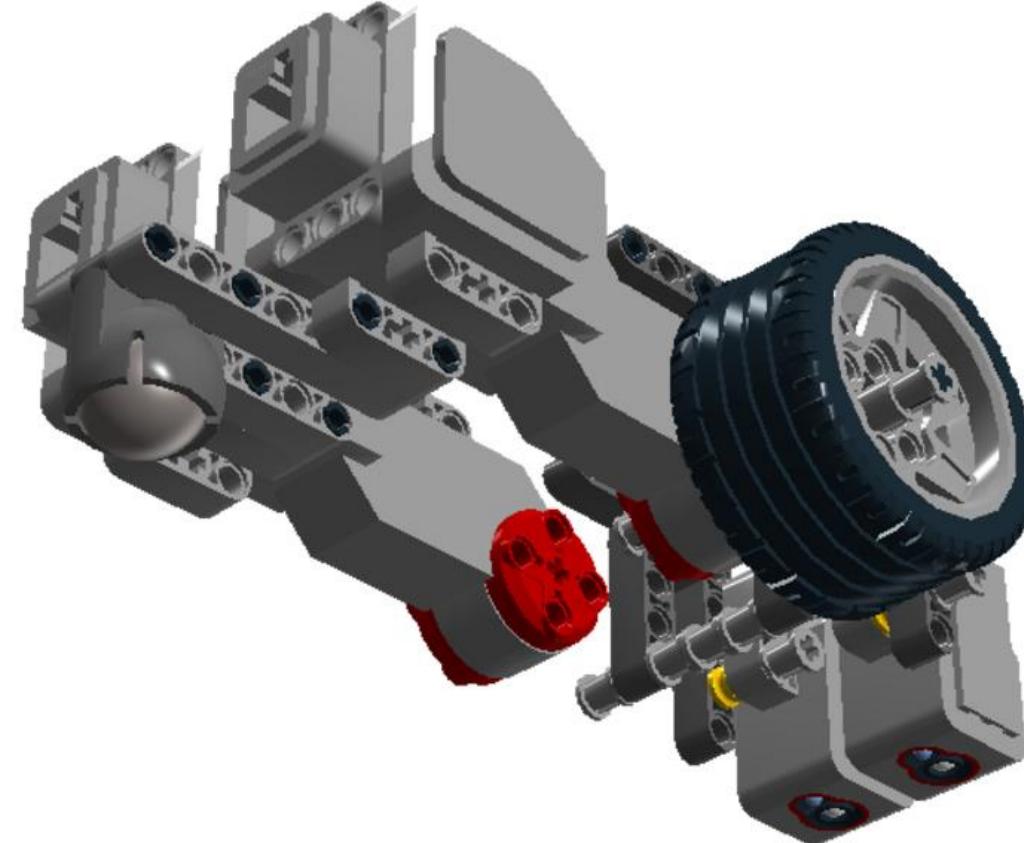
HandsON
Technology

Step 17 of 39

2 x



2 x

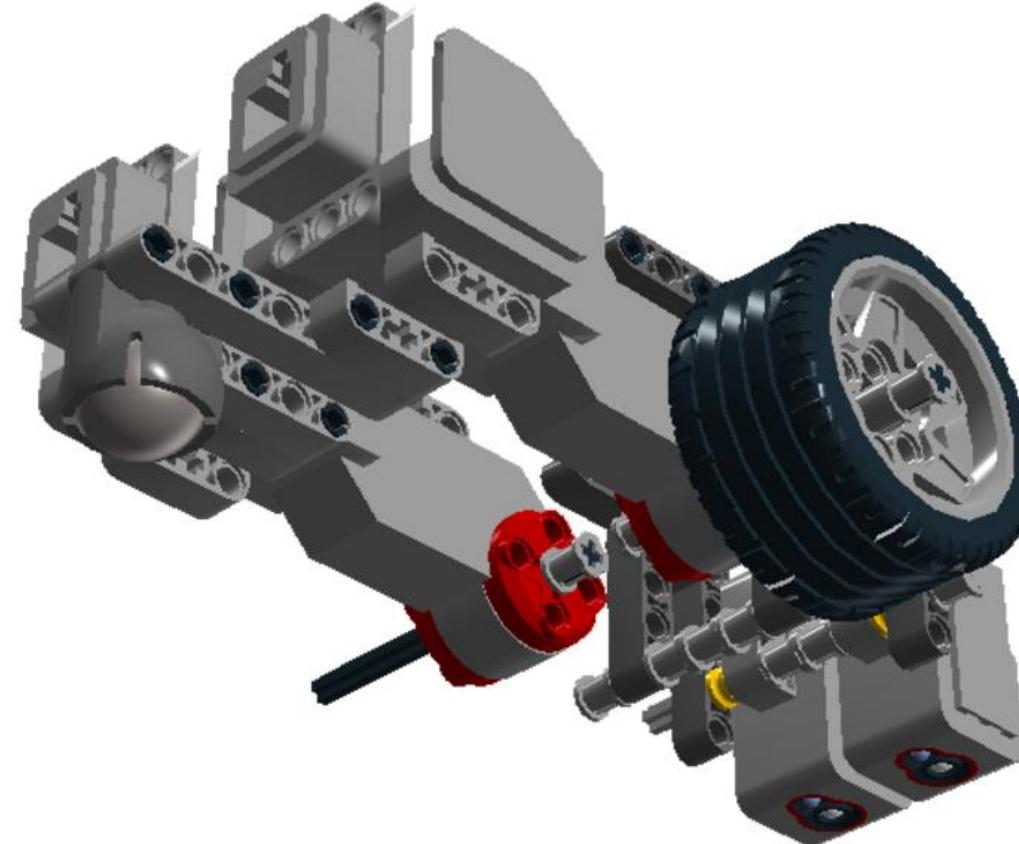


education

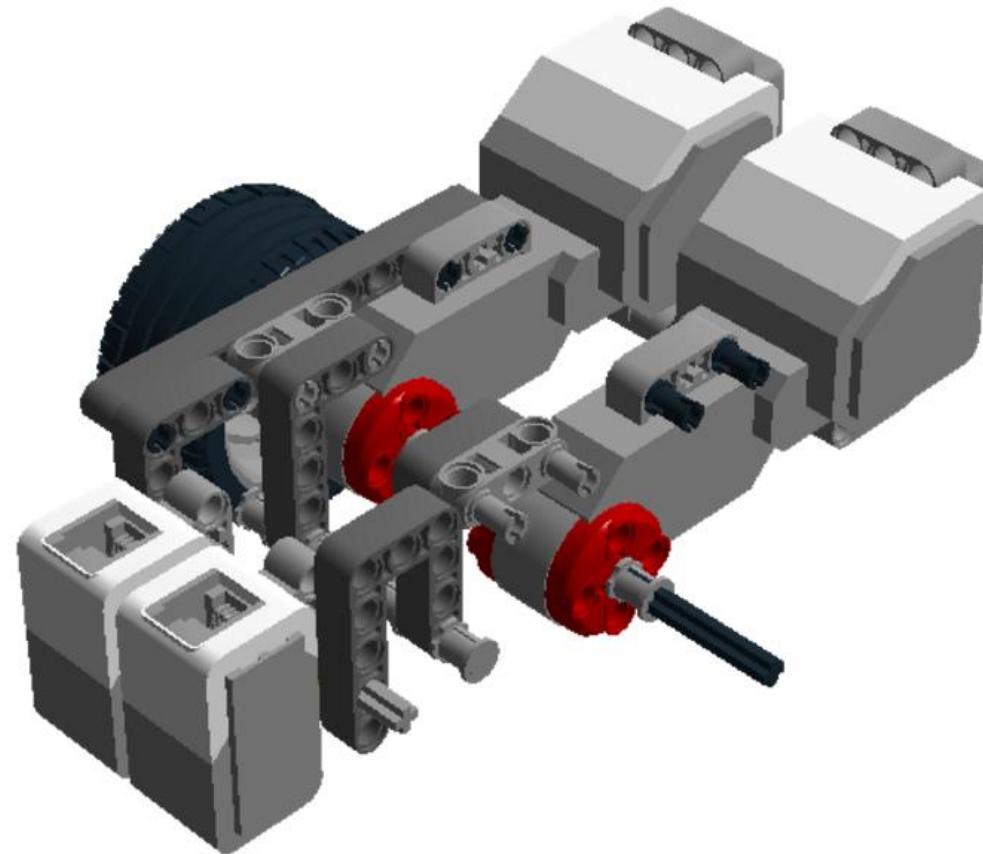
부록

HandsON
Technology

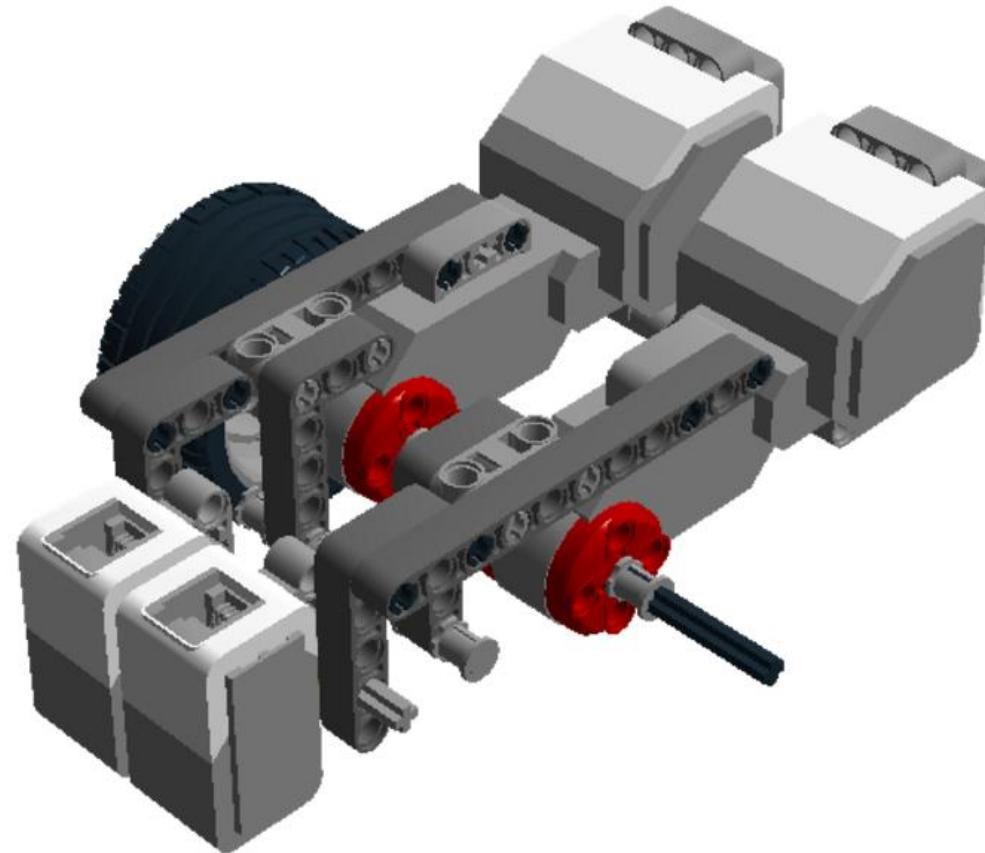
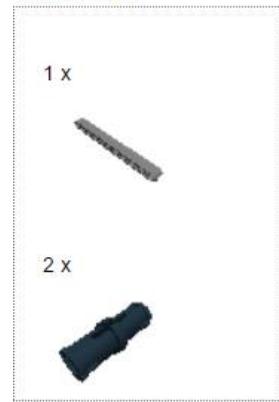
Step 18 of 39



Step 19 of 39



Step 20 of 39



Step 21 of 39

1 x



1 x

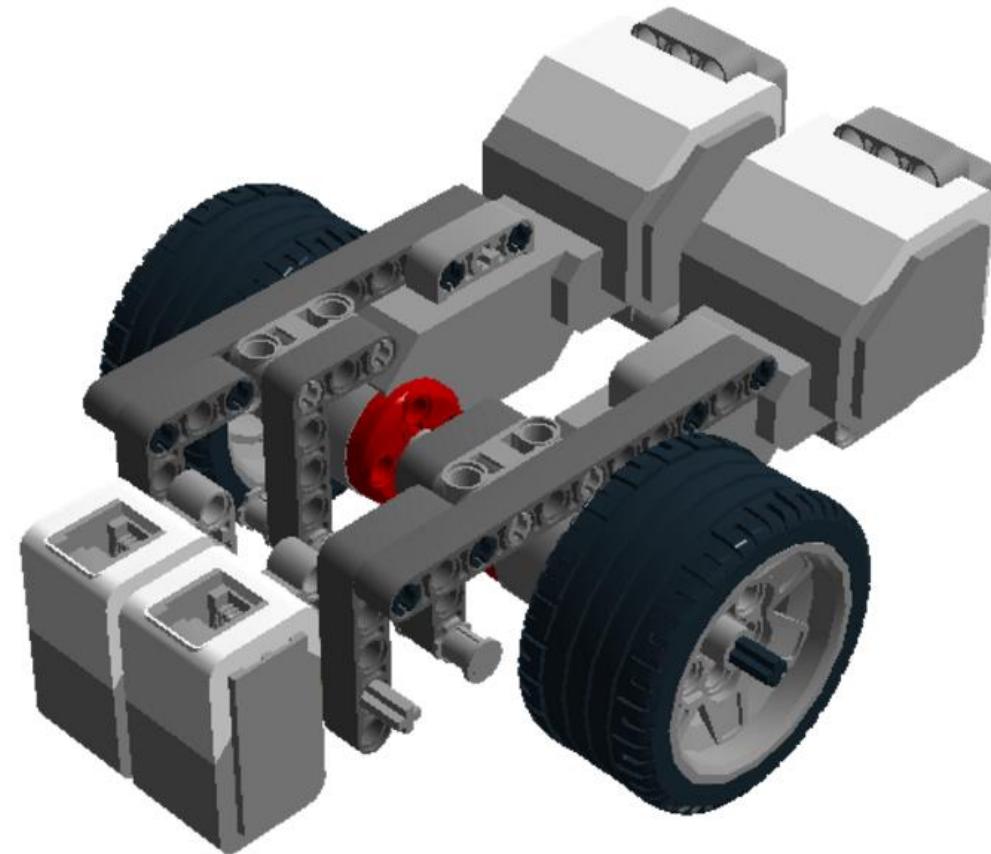


부록



education

HandsOn
Technology

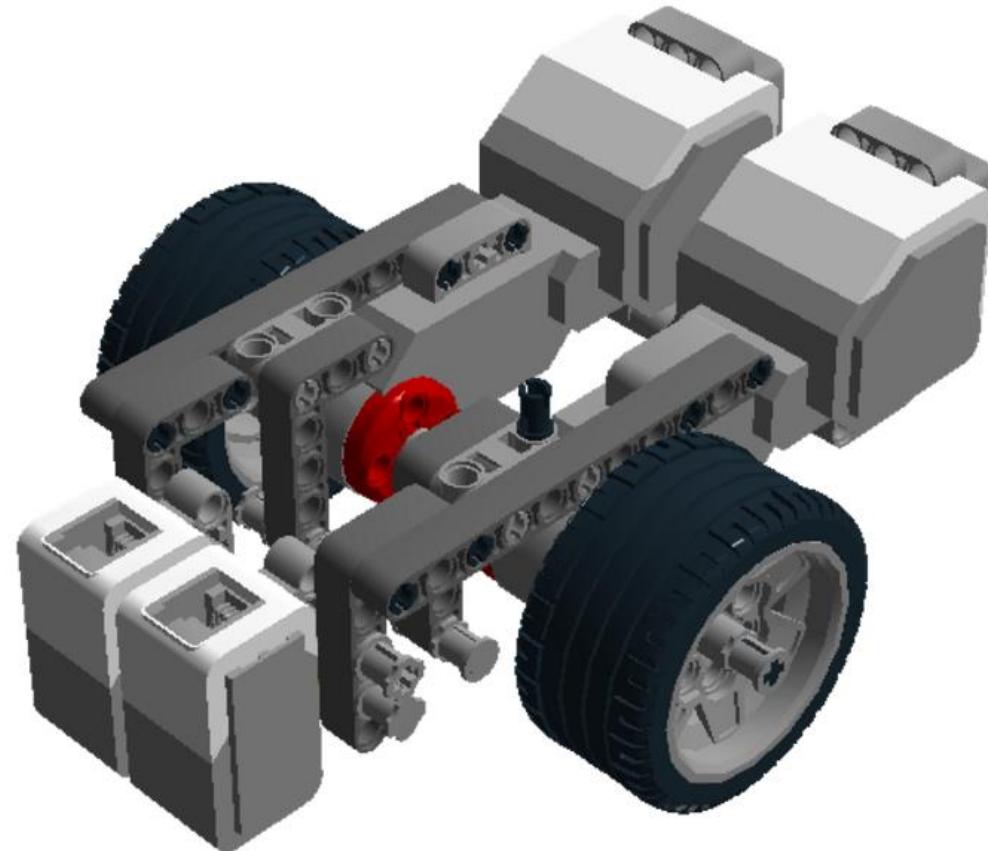


Step 23 of 39

1 x



3 x



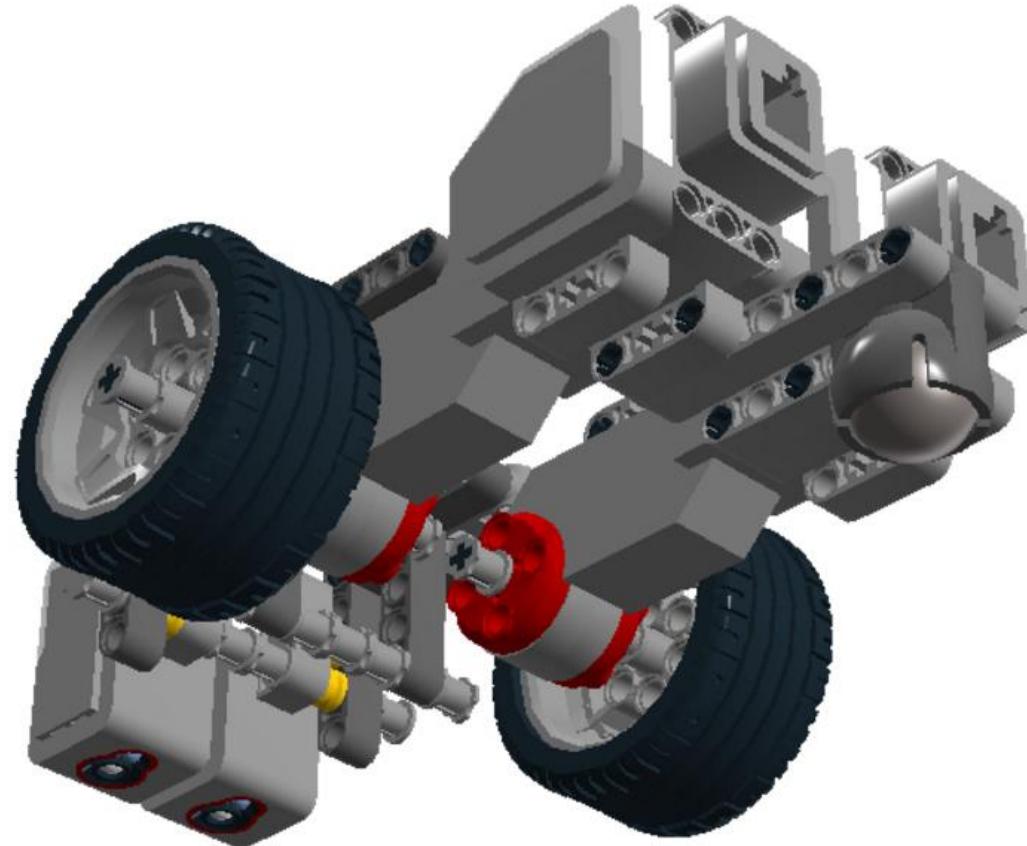
166
education

부록

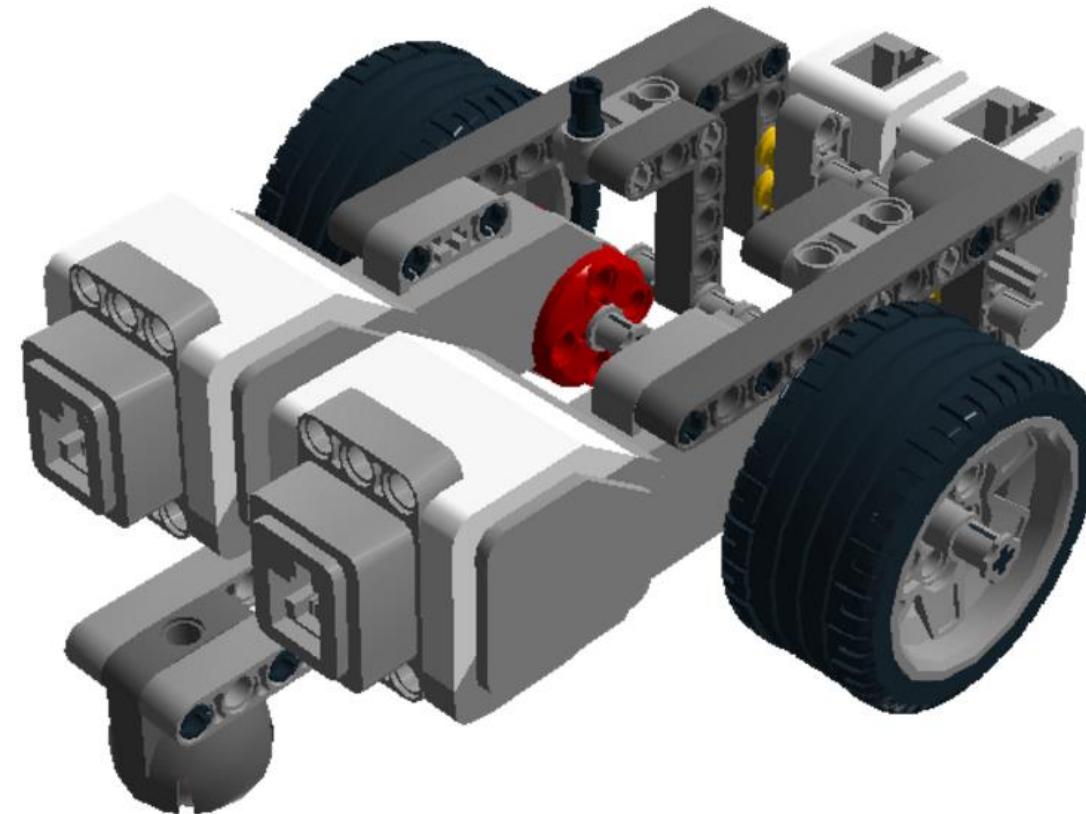
HandsON
Technology

Step 24 of 39

1 x



Step 25 of 39

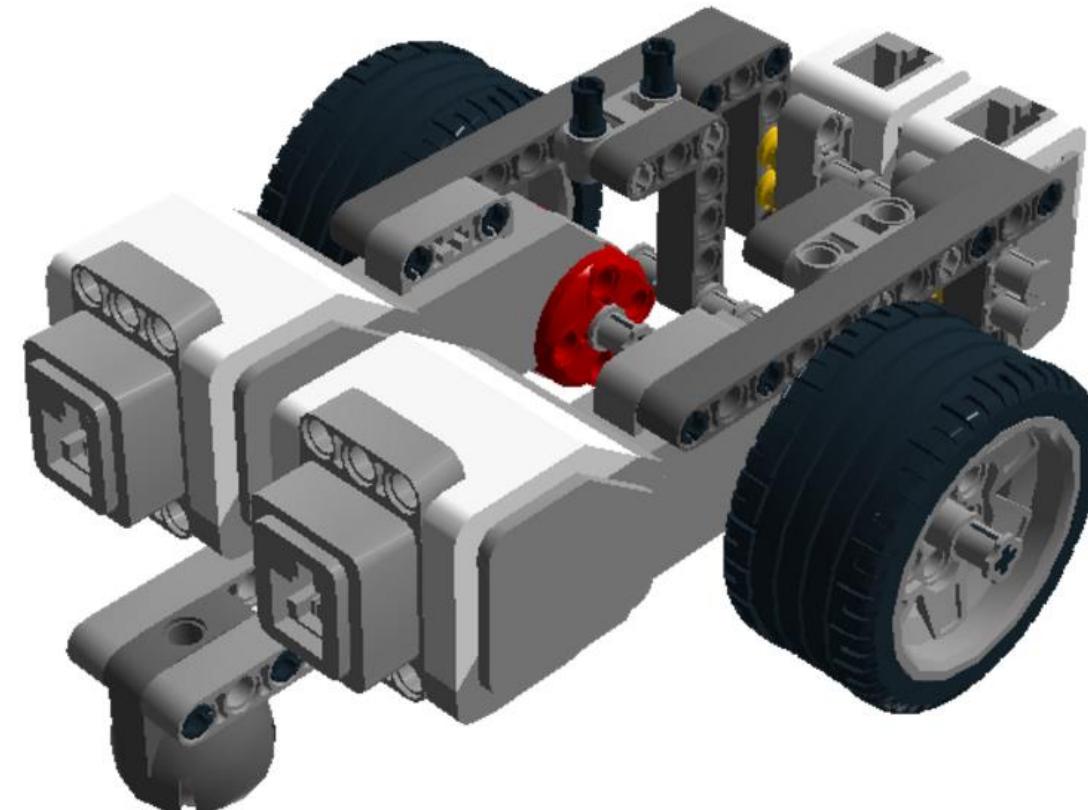


Step 26 of 39

1 x



1 x



부록



education

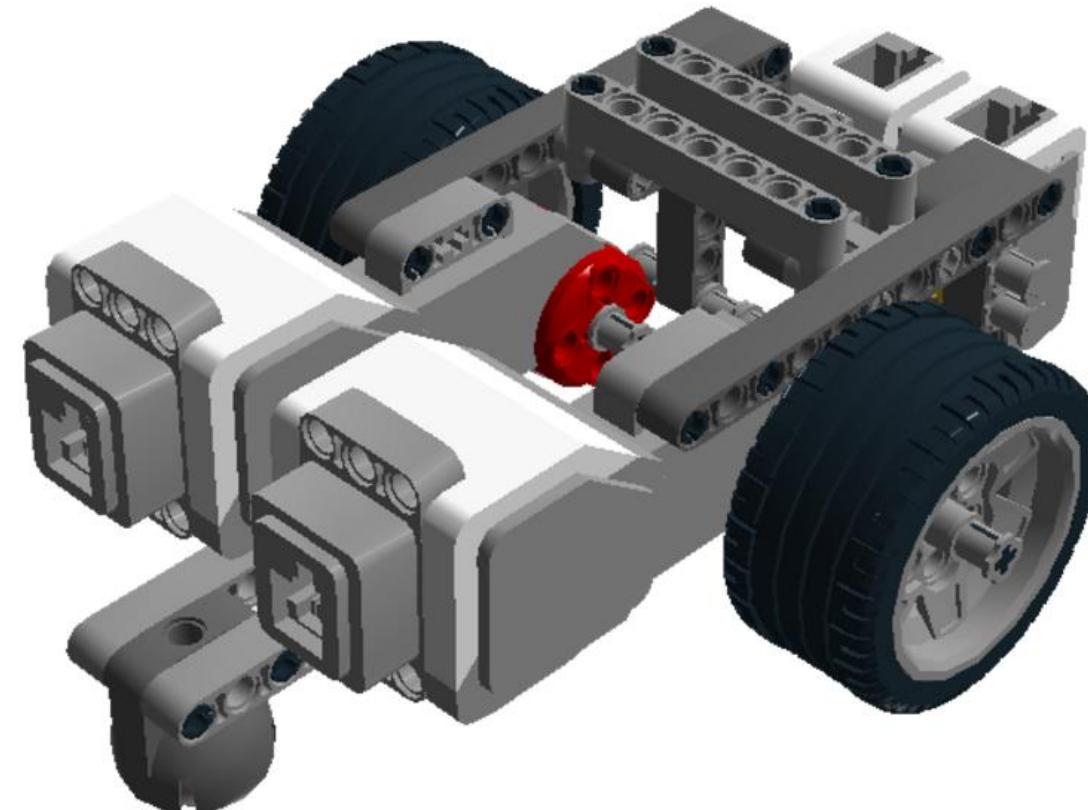
HandsON
Technology

Step 27 of 39

2 x



2 x



부록



education

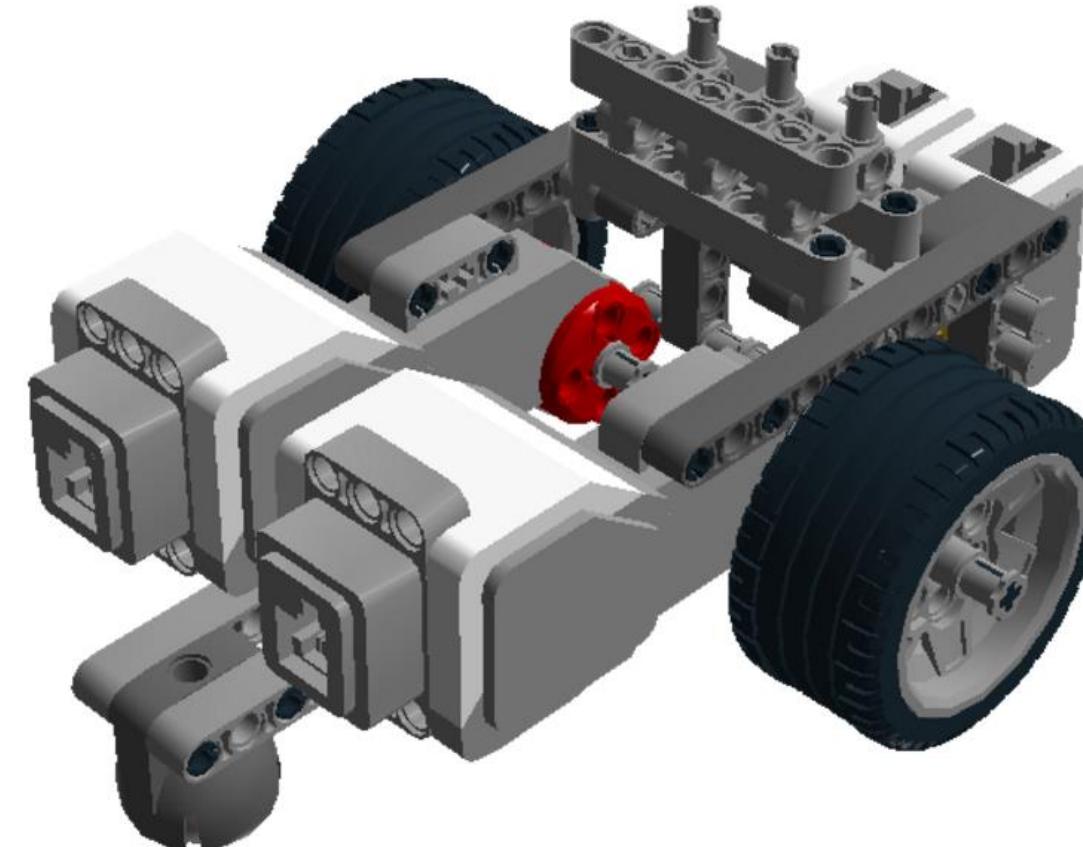
HandsON
Technology

Step 28 of 39

1 x



3 x



부록



education

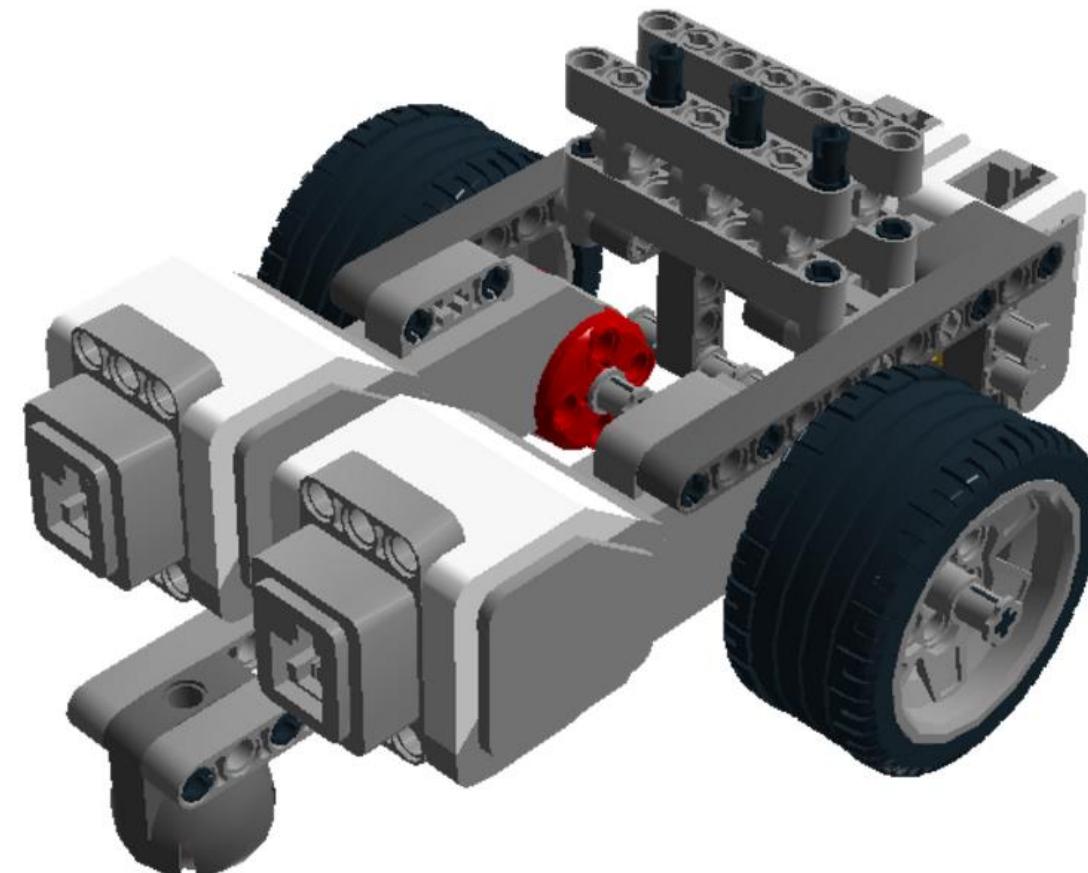
HandsON
Technology

Step 29 of 39

1 x



3 x



부록

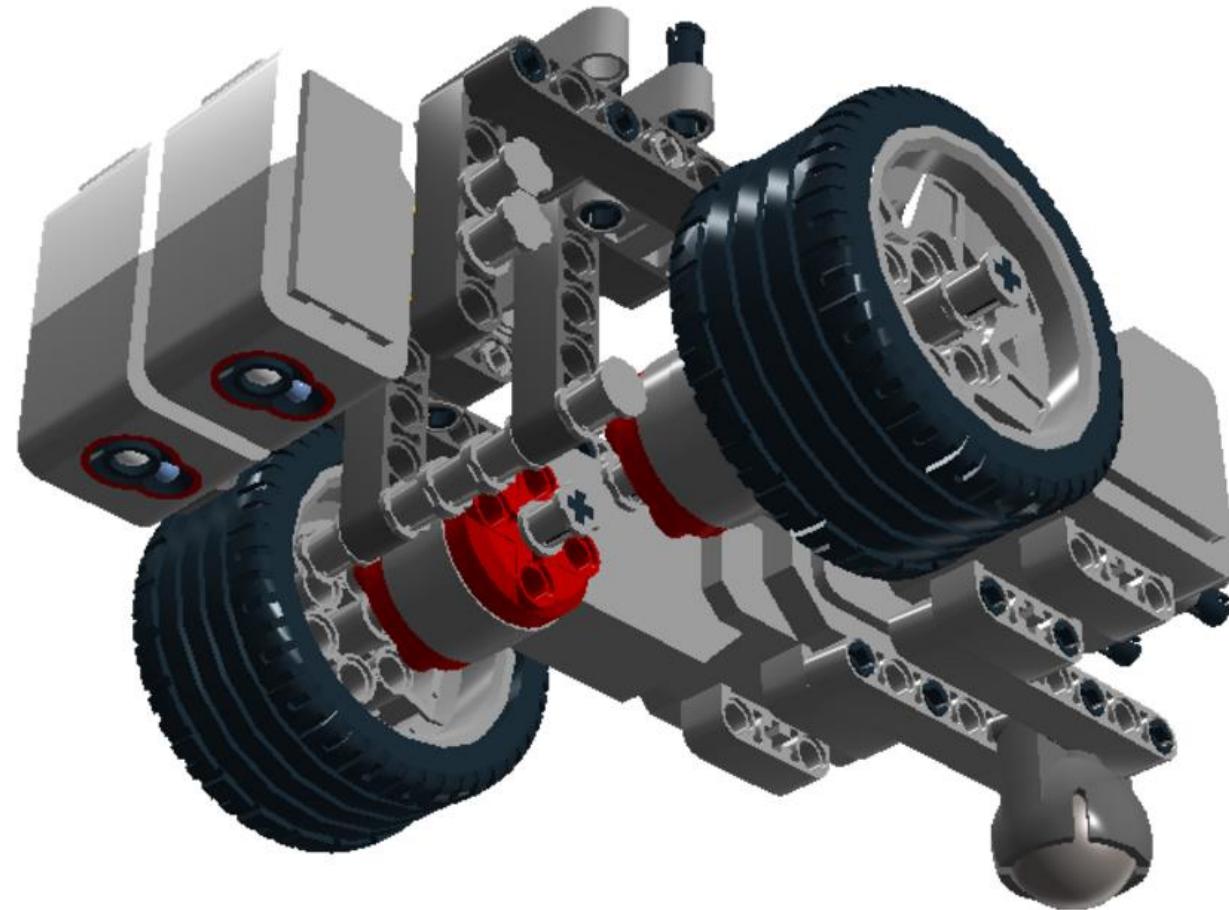


education

HandsON
Technology

Step 30 of 39

3 x



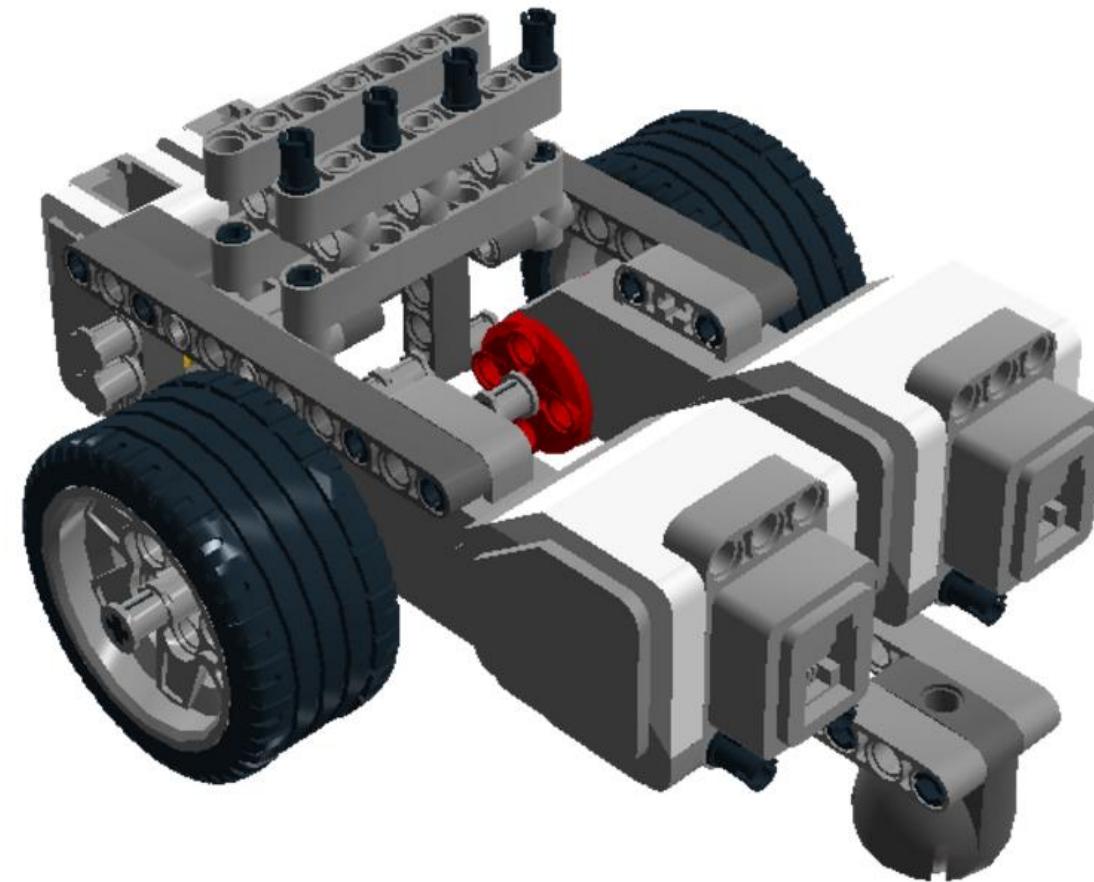
education

부록

HandsON
Technology

Step 31 of 39

1 x

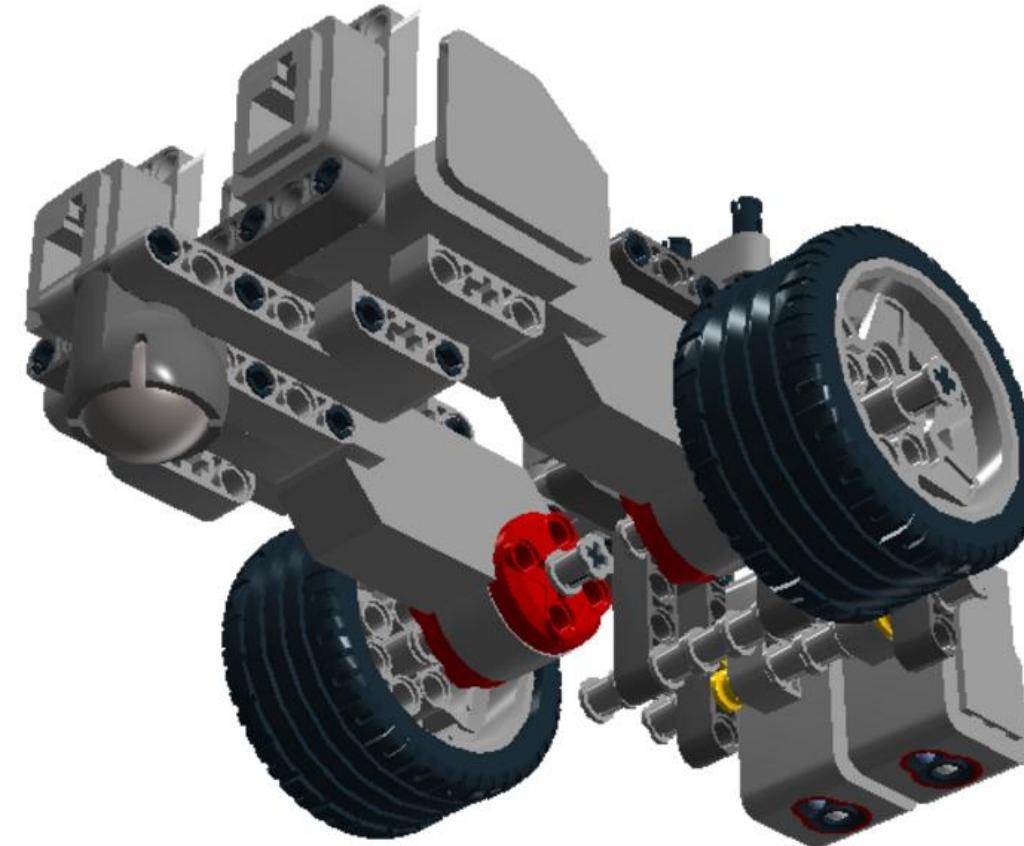


Step 32 of 39

1 x



1 x



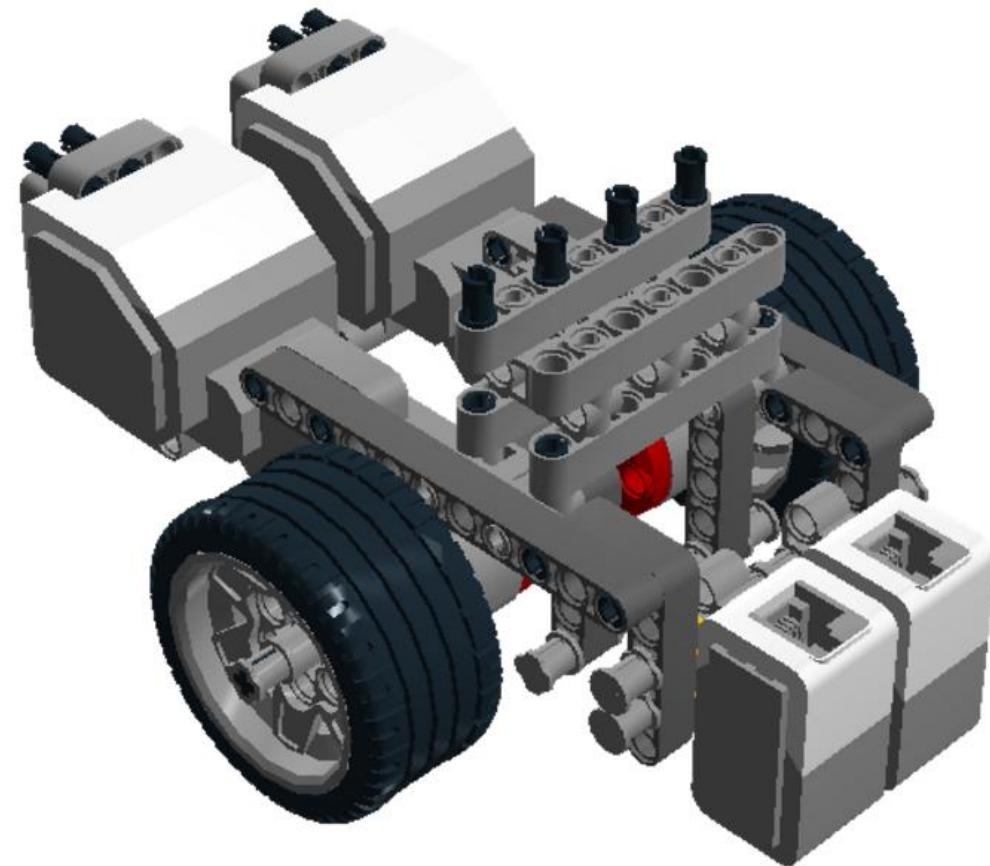
education

부록

HandsON
Technology

Step 33 of 39

4 x



Step 34 of 39

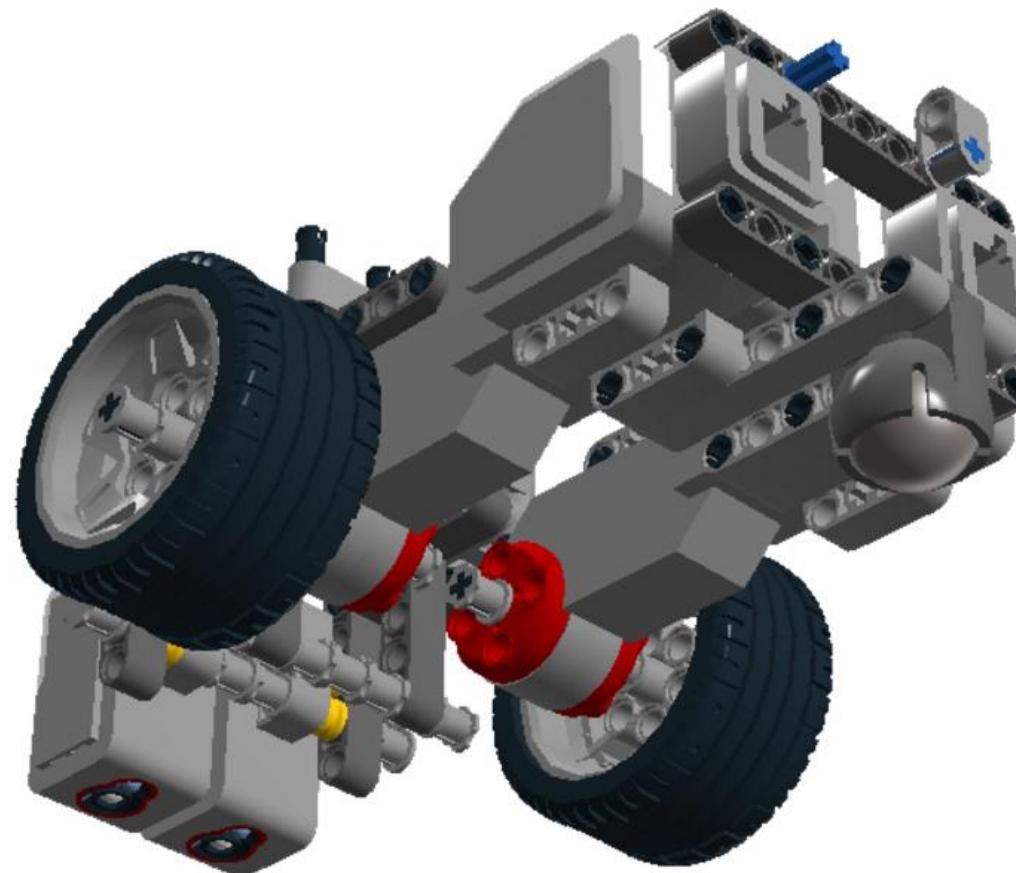
1 x



2 x



1 x



education

부록

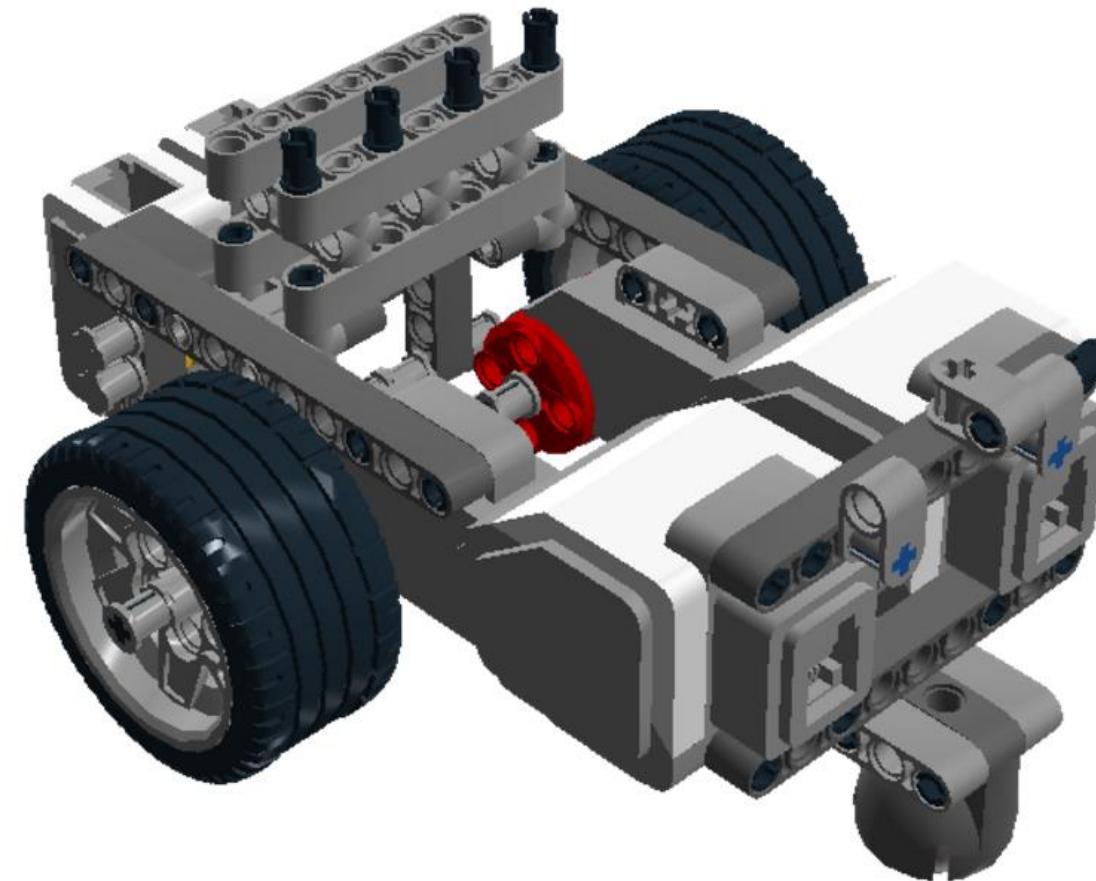
HandsON
Technology

Step 35 of 39

1 x



2 x



부록



education

HandsON
Technology

Step 36 of 39

1 x



1 x

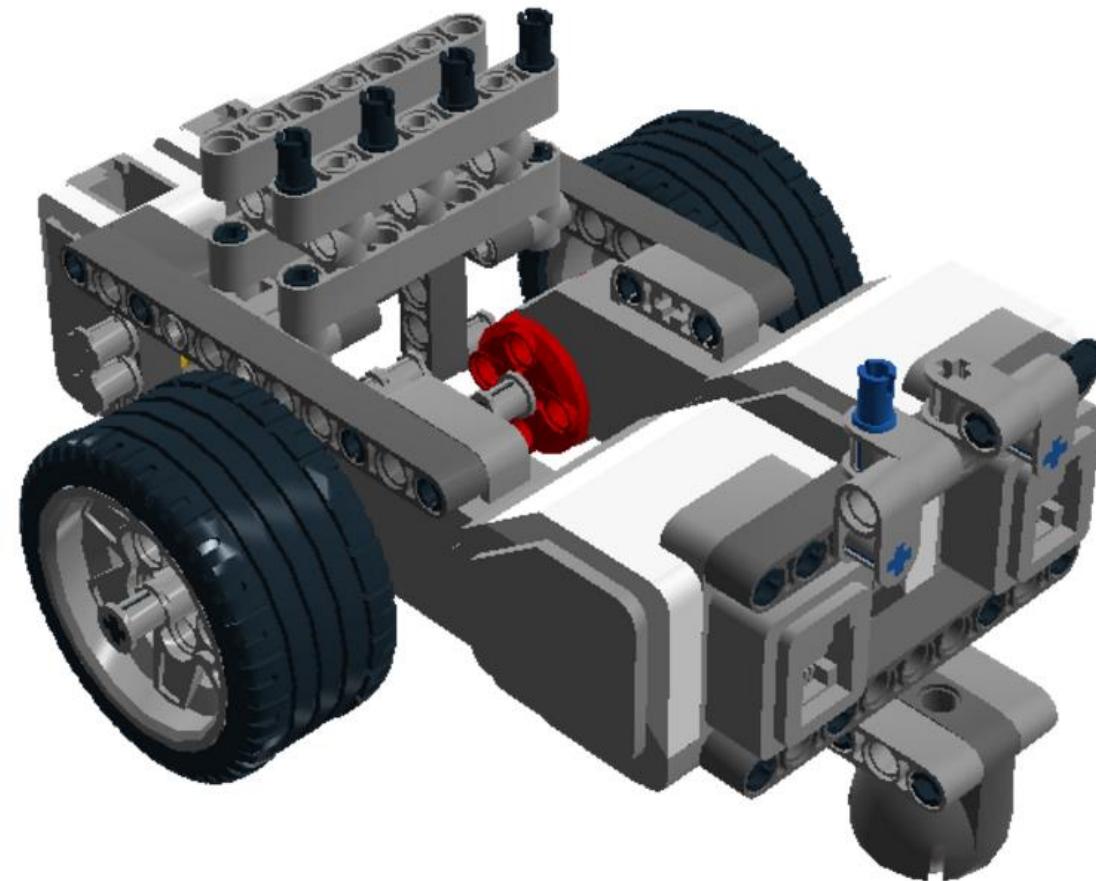


부록



education

HandsOn
Technology



education

부록

HandsON
Technology

Step 38 of 39

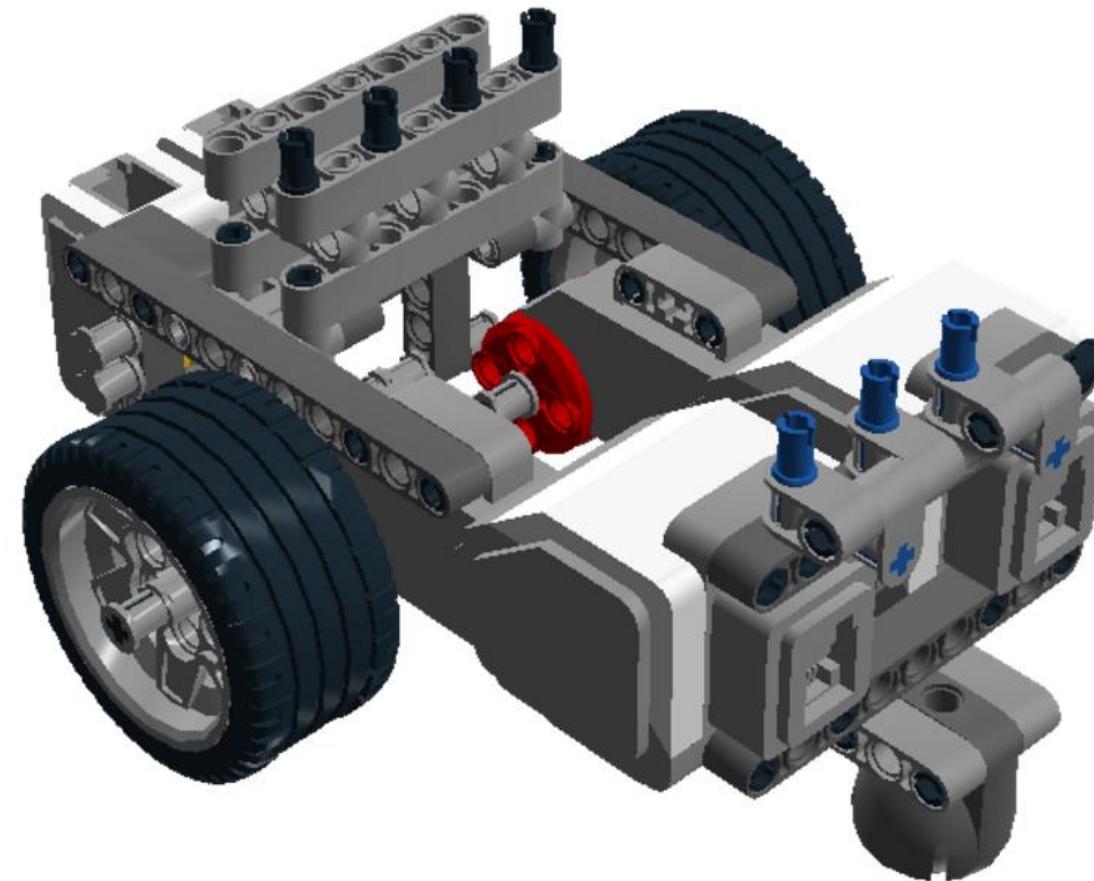
2 x



1 x



1 x



부록



education

HandsON
Technology

Step 39 of 39

