RC Tracked Racer

709 LEGO® parts · 46 steps · dminspired.com/lego

Adapted from the LDraw OMR model by Philippe Hurbain · CC BY 2.0

Source: https://library.ldraw.org/library/omr/42065-1.mpd
Licence: https://creativecommons.org/licenses/by/2.0/



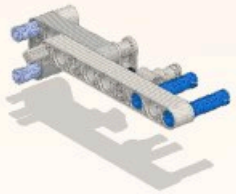
1

- 1× Technic Beam 3 Dark Bluish Grey · 32523
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 2× Technic Axle Pin Long with Friction with 2L Pin Dark Bluish Grey · 11214
- 1× Technic Beam 9 Dark Bluish Grey · 40490



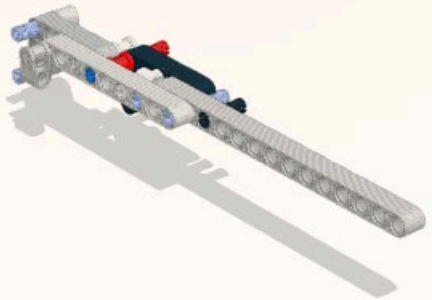
2

- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536
- 1× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Pin Long with Pin Hole Type 1 Light Bluish Grey · 87082



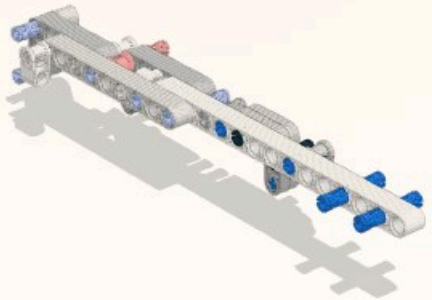
3

- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536
- 1× Technic Beam 15 Light Bluish Grey · 32278
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Pin Long with Stop Bush Red · 32054
- 1× Technic Beam 3 × 5 Bent 90 Black · 32526



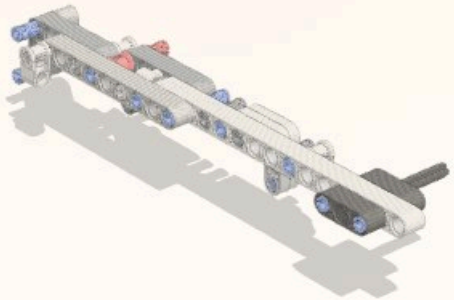
4

- 3× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Beam 3 × 3 × 0.5 Liftarm Bent 90 Light Bluish Grey · 32056
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536



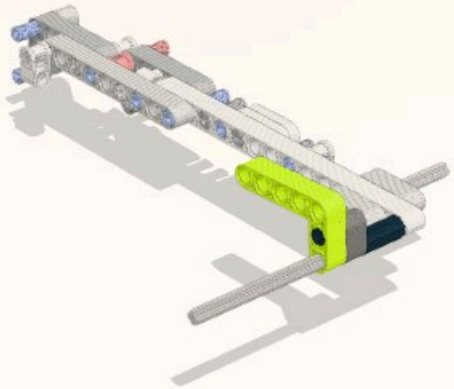
5

- 2× Technic Beam 3 Dark Bluish Grey · 32523
- 1× Technic Axle 5.5 with Stop Type 1 Dark Bluish Grey · 32209



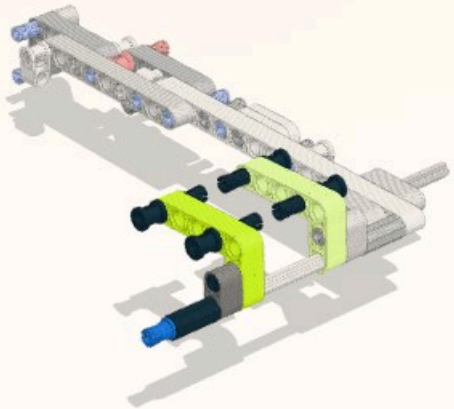
6

- 1× Technic Axle 9 Light Bluish Grey · 60485
- 1× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Beam 2 Liftarm Dark Bluish Grey · 60483
- 1× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 3 × 5 Bent 90 Lime · 32526



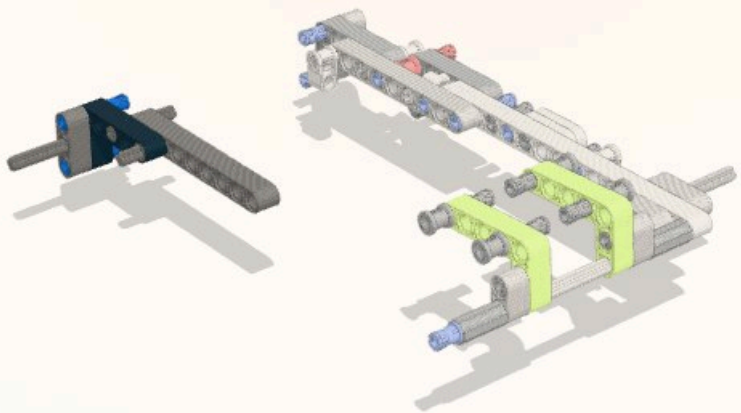
7

- 1× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Beam 2 Liftarm Dark Bluish Grey · 60483
- 1× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 3 × 5 Bent 90 Lime · 32526
- 4× Technic Pin Long with Stop Bush Black · 32054



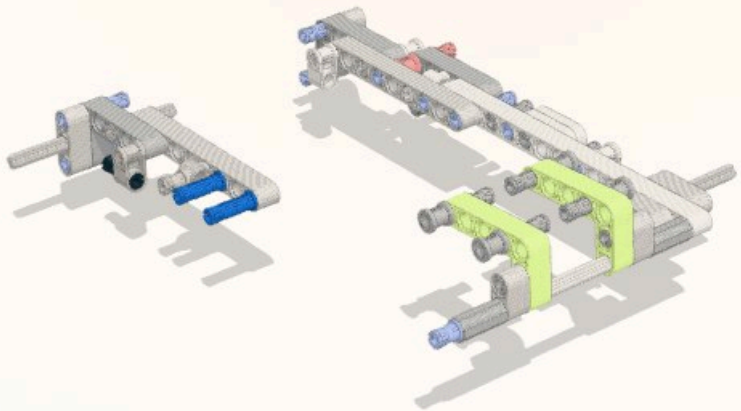
8

- 1× Technic Beam 3 Dark Bluish Grey · 32523
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 2× Technic Axle Pin Long with Friction with 2L Pin Dark Bluish Grey · 11214
- 1× Technic Beam 9 Dark Bluish Grey · 40490
- 1× Technic Axle 5.5 with Stop Type 1 Dark Bluish Grey · 32209



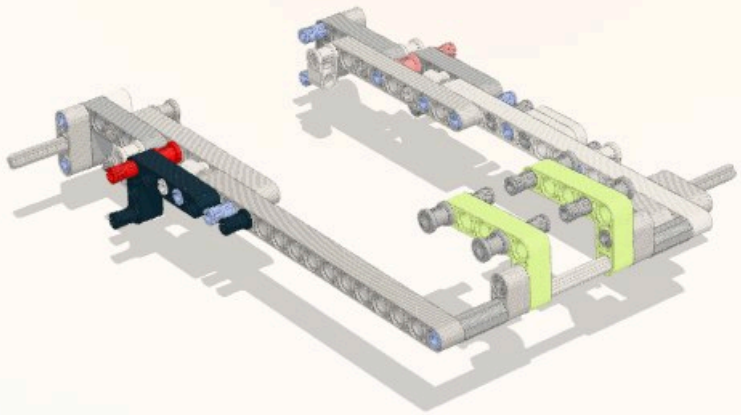
9

- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536
- 1× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Pin Long with Pin Hole Type 1 Light Bluish Grey · 87082



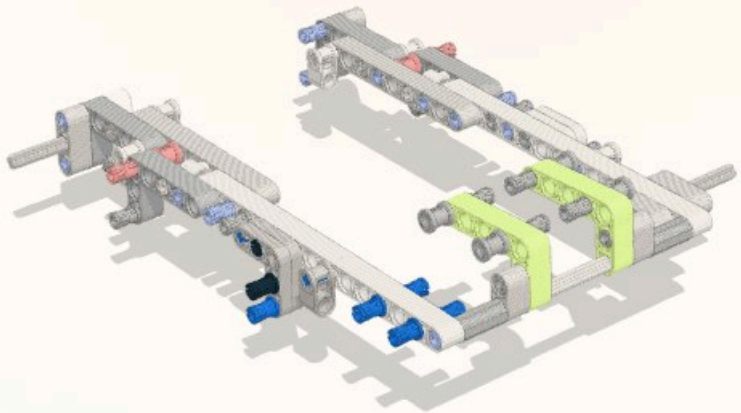
10

- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536
- 1× Technic Beam 15 Light Bluish Grey · 32278
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Pin Long with Stop Bush Red · 32054
- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 1× Technic Beam 3 with "40 1977 - 2017" Text and 24 Tooth Gear Pattern White · 32523p01



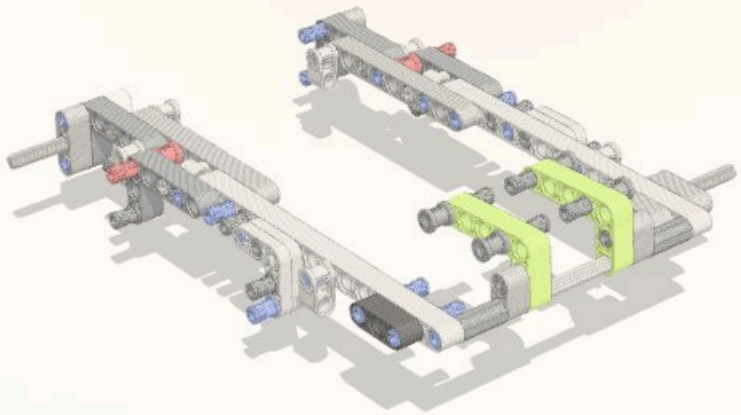
11

- 3× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Beam 3 × 3 × 0.5 Liftarm Bent 90 Light Bluish Grey · 32056
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Cross Block 1 × 2 (Axle/Pin) Light Bluish Grey · 6536



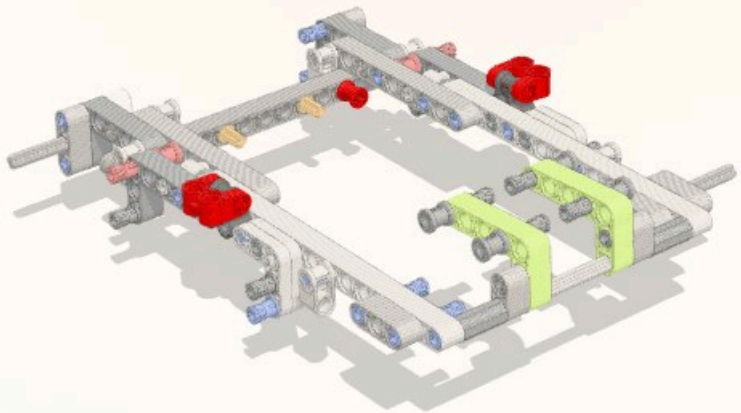
12

- 1× Technic Beam 3 Dark Bluish Grey · 32523



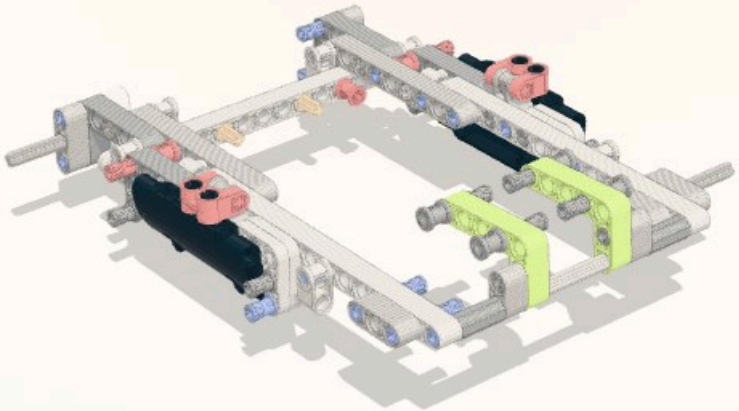
13

- 1× Technic Beam 15 Light Bluish Grey · 32278
- 2× Technic Pin Long with Stop Bush Red · 32054
- 2× Technic Axle Pin Tan · 3749
- 2× Technic Cross Block 2 × 2 (Axle/Twin Pin) Dark Bluish Grey · 32291
- 2× Technic Axle 2 Notched Red · 32062
- 2× Technic Cross Block 2 × 2 Split (Axle/Twin Pin) Red · 41678



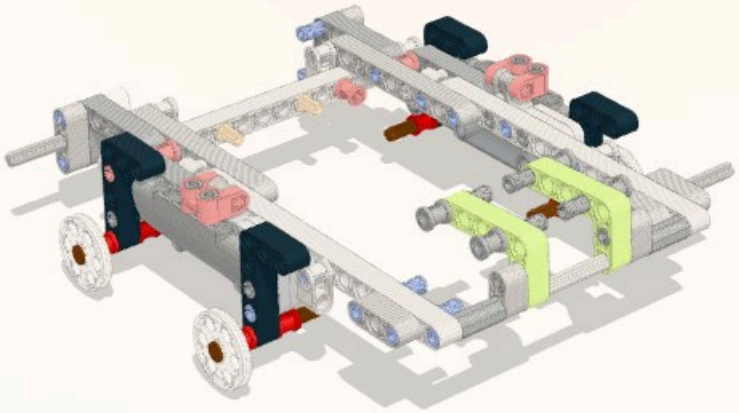
14

- 4× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Panel Smooth 7 × 2 × 3 Black · 24119



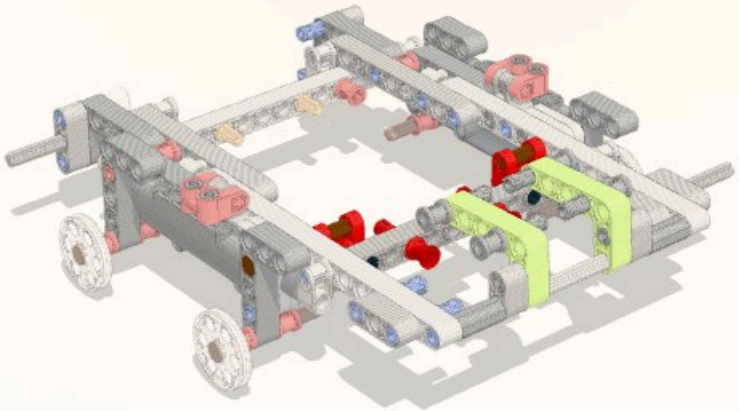
15

- 4× Technic Beam 3 × 5 Bent 90 Black · 32526
- 4× Technic Axle 5 with Stop Reddish Brown · 15462
- 4× Technic Wedge Belt Wheel - Not Reinforced White · 4185
- 8× Technic Bush with Two Flanges Red · 3713



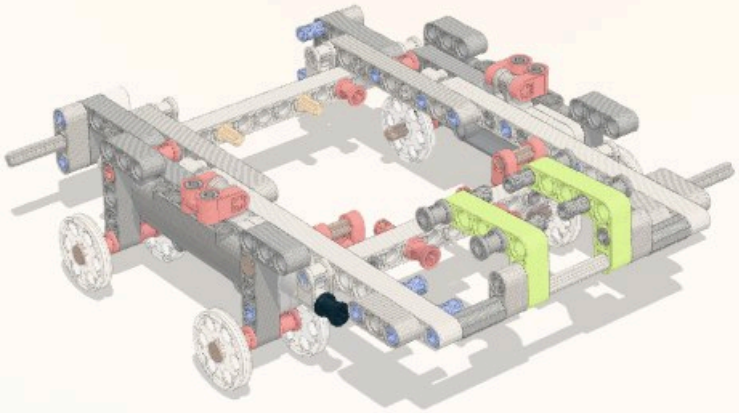
16

- 2× Technic Axle 5 with Stop Reddish Brown · 15462
- 2× Technic Cross Block 2 × 2 Split (Axle/Twin Pin) Red · 41678
- 4× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 15 Light Bluish Grey · 32278
- 2× Technic Pin Long with Stop Bush Red · 32054



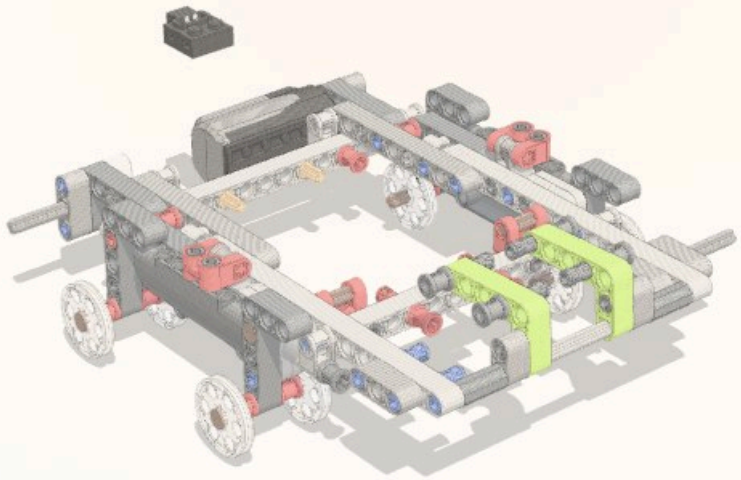
17

- [x] 2× Technic Pin Long with Stop Bush Black · 32054
- [ ] 4× Technic Wedge Belt Wheel - Not Reinforced White · 4185



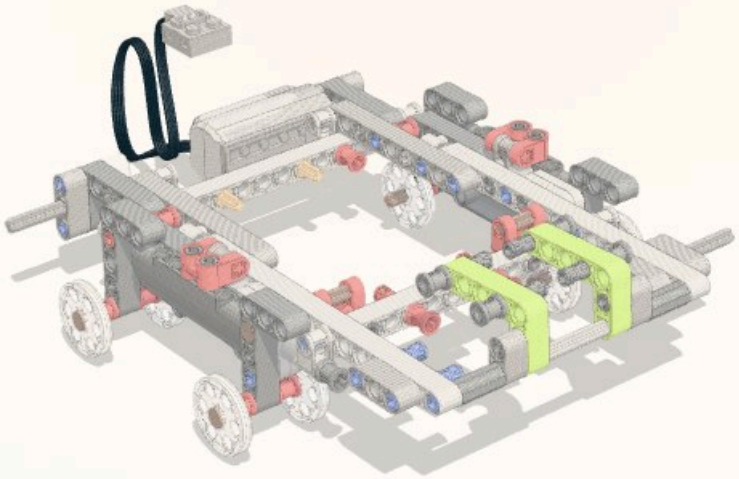
18

- 1× Electric Power Functions Medium Motor Light Bluish Grey · 58120
- 1× Electric Power Functions Connector with PF Bottom Dark Bluish Grey · 58124c01



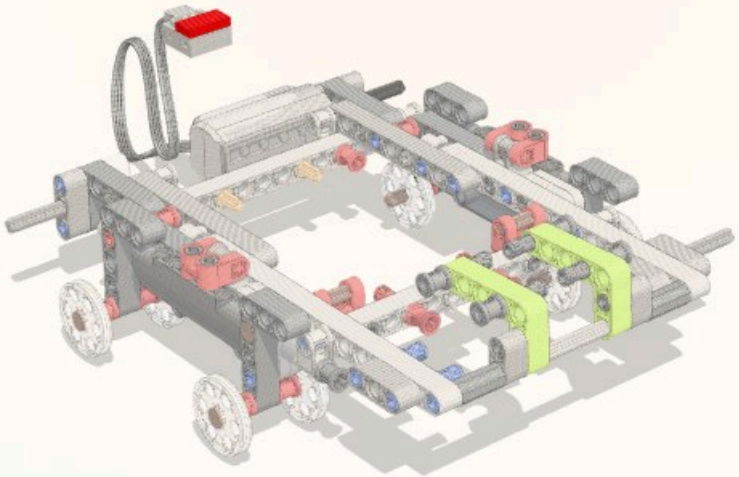
19

152× Electric Power Functions 4-Wire Ribbon Cable Segment Black · u9190



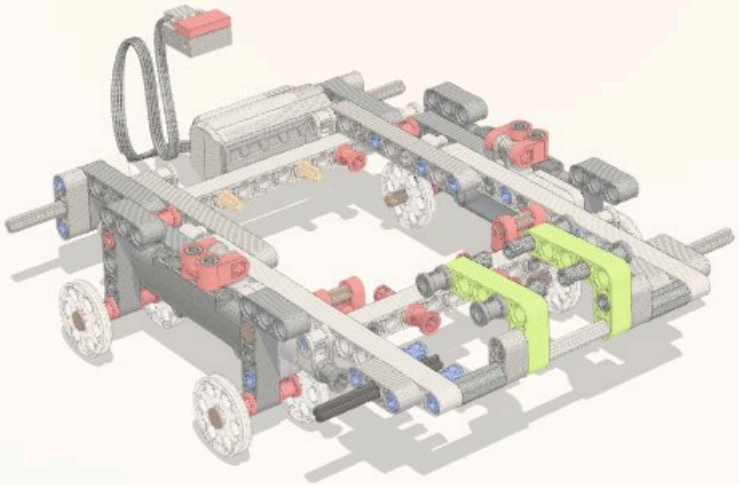
20

- 1× Technic Axle 5.5 with Stop Type 1 Dark Bluish Grey · 32209
- 1× Tile 1 × 2 with Groove Red · 3069b



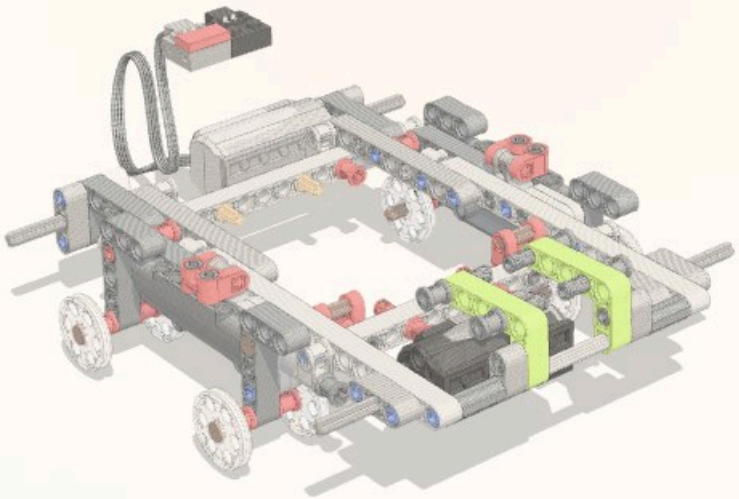
21

- 1× Technic Axle 5.5 with Stop Type 1 Dark Bluish Grey · 32209



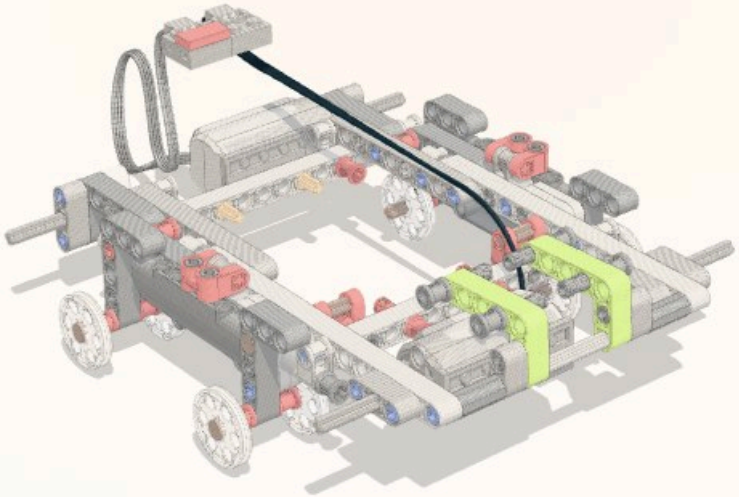
22

- 1× Electric Power Functions Medium Motor Light Bluish Grey · 58120
- 1× Electric Power Functions Connector with PF Bottom Dark Bluish Grey · 58124c01



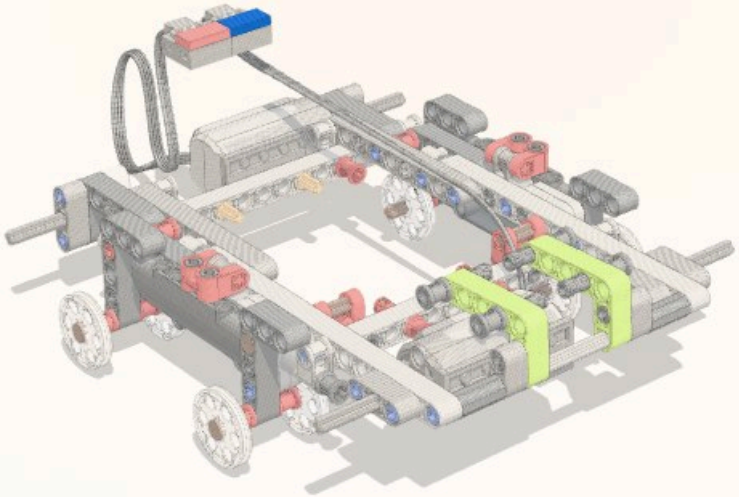
23

107× Electric Power Functions 4-Wire Ribbon Cable Segment Black · u9190



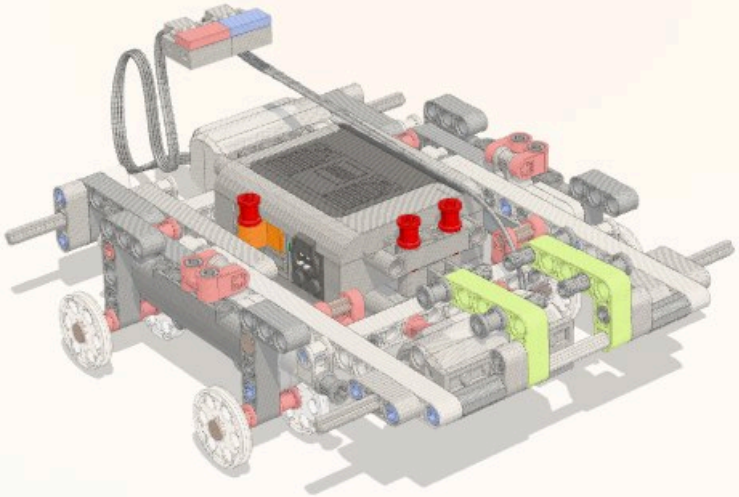
24

- 1× Tile 1 × 2 with Groove Blue · 3069b



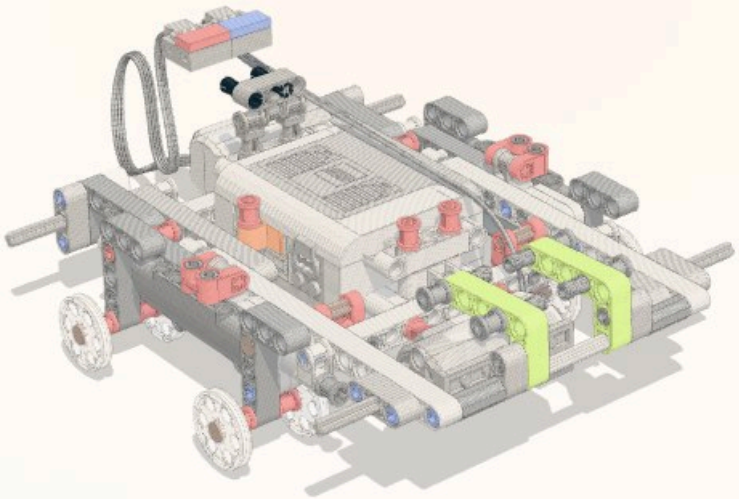
25

- 1× Electric Power Functions 9V Battery Box (Complete) Light Bluish Grey · 58119
- 3× Technic Pin Long with Stop Bush Red · 32054
- 1× Technic Cross Block 3 × 2 (Axle/Triple Pin) Light Bluish Grey · 63869



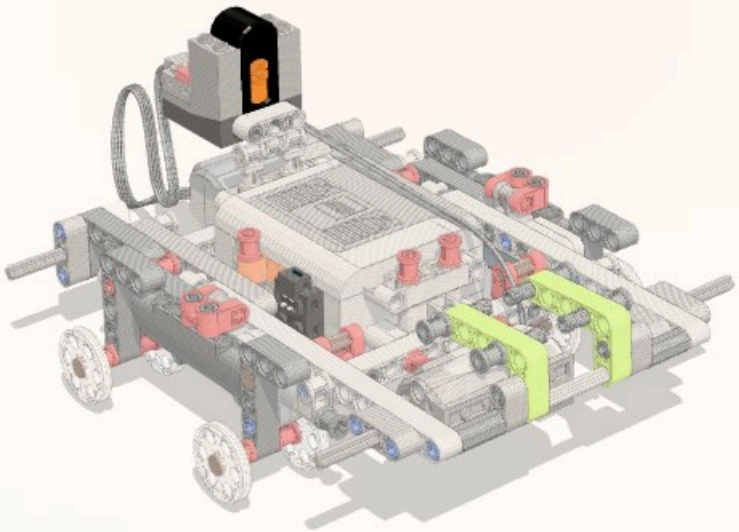
26

- 2× Technic Axle Pin Long with Friction with 2L Pin Dark Bluish Grey · 11214
- 2× Technic Connector (Axle/Bush) Type 1 Light Bluish Grey · 32039
- 2× Technic Cross Block 3 × 2 (Axle/Triple Pin) Light Bluish Grey · 63869
- 1× Technic Axle 3 Light Bluish Grey · 4519
- 2× Technic Pin with Friction and Slots Black · 2780



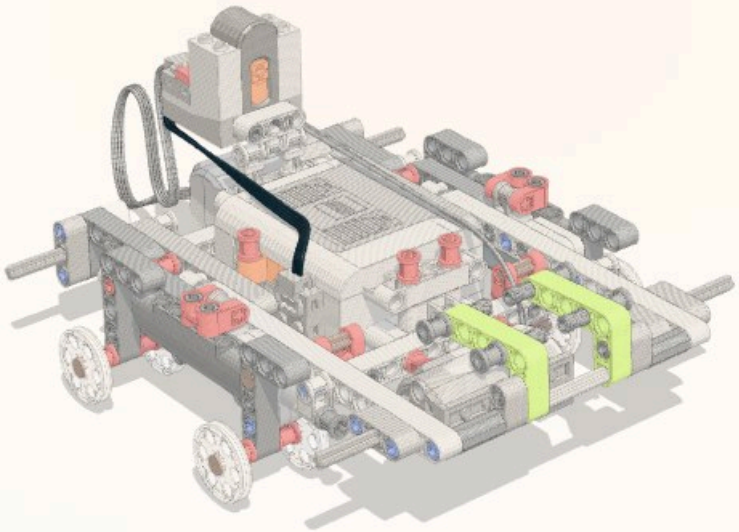
27

- 1× Electric Power Functions IR Receiver Light Bluish Grey · 58123
- 1× Electric Power Functions Connector with PF Bottom Dark Bluish Grey · 58124c01



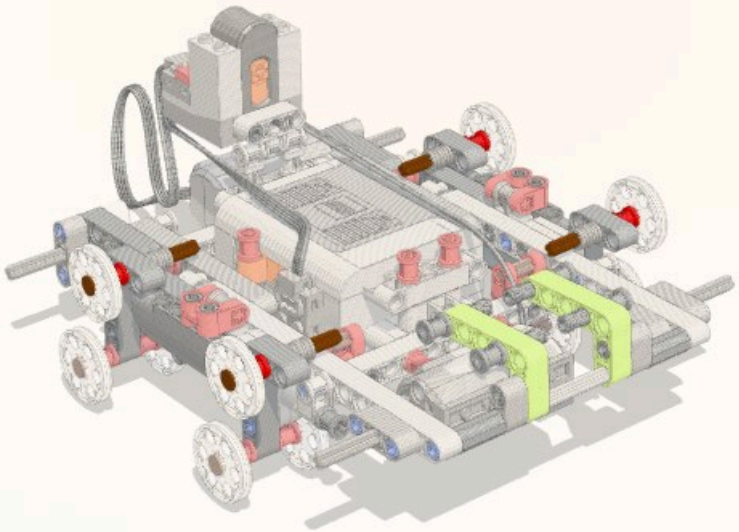
28

85× Electric Power Functions 4-Wire Ribbon Cable Segment Black · u9190



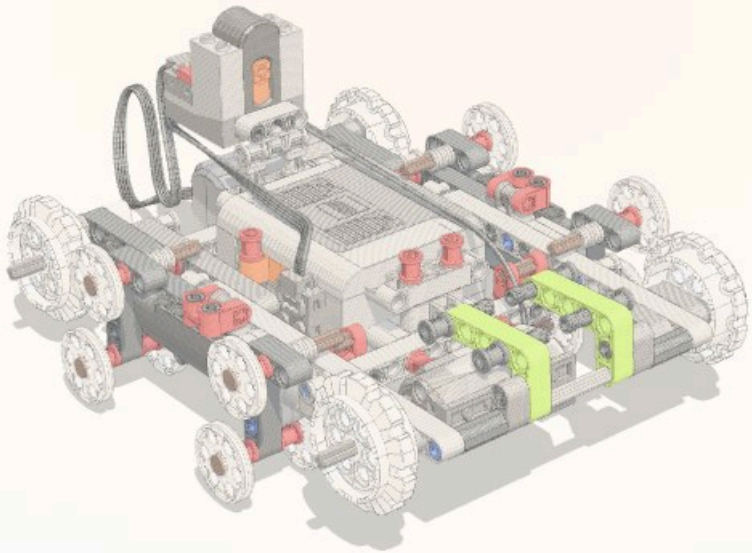
29

- 4× Technic Bush with Two Flanges Red · 3713
- 4× Technic Wedge Belt Wheel - Not Reinforced White · 4185
- 4× Technic Axle 5 with Stop Reddish Brown · 15462
- 8× Technic Bush 1/2 Smooth with Axle Hole Reduced Light Bluish Grey · 32123a



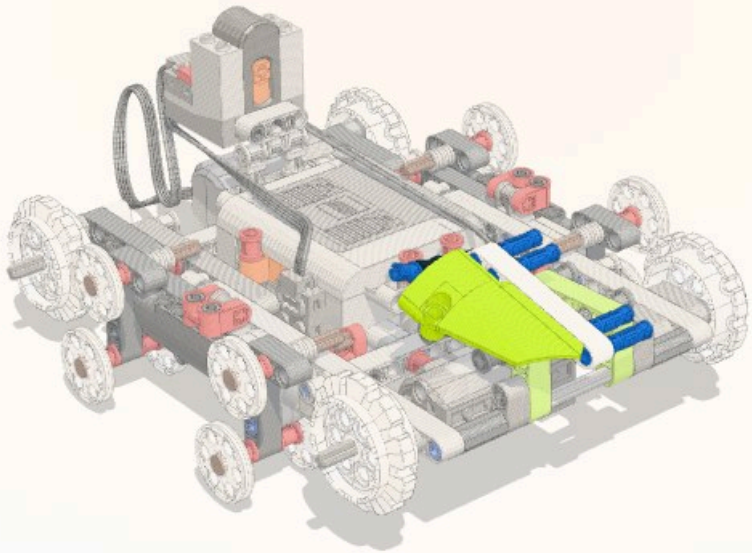
30

- [ ] 4× Technic Sprocket Wheel 40.4 White · 57519



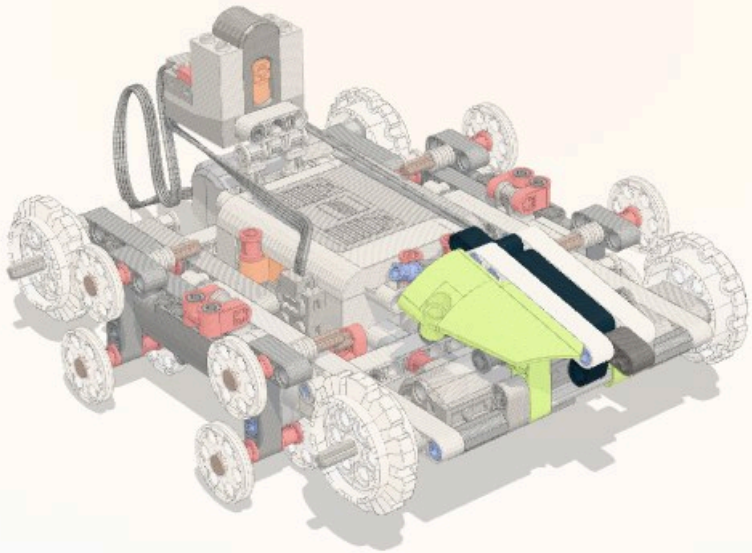
31

- 1× Technic Panel Fairing Smooth #4 (Medium) Lime · 64391
- 3× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 7 White · 32524
- 4× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Angle Connector #3 (157.5 degree) Black · 32016
- 1× Technic Axle Pin with Friction Blue · 43093



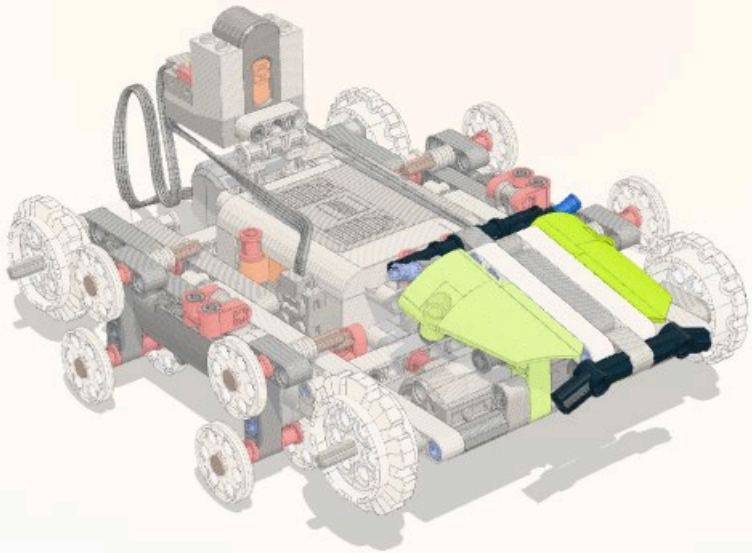
32

- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 1× Technic Beam 2 Liftarm Dark Bluish Grey · 60483
- 1× Technic Beam 3 × 3 T-shaped Black · 60484
- 1× Technic Beam 7 White · 32524
- 1× Technic Axle 3 Light Bluish Grey · 4519



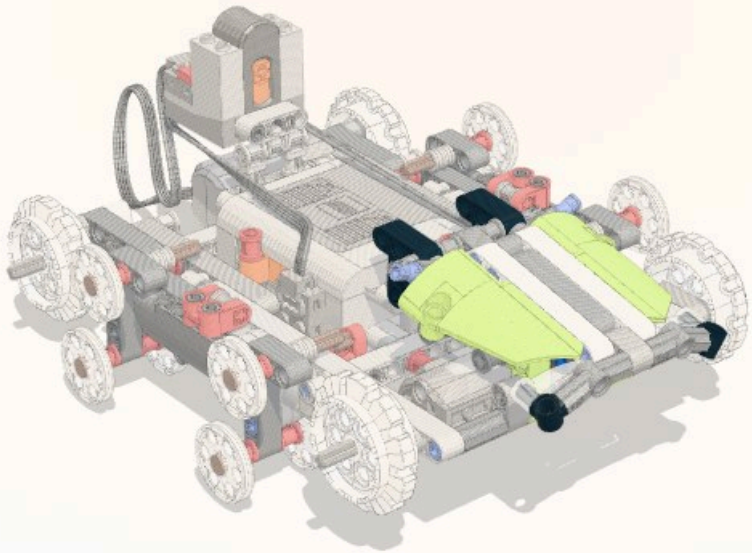
33

- 3× Technic Angle Connector #3 (157.5 degree) Black · 32016
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Panel Fairing Smooth #3 (Medium) Lime · 64683
- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Axle 3 Light Bluish Grey · 4519
- 2× Technic Pin Long with Stop Bush Black · 32054



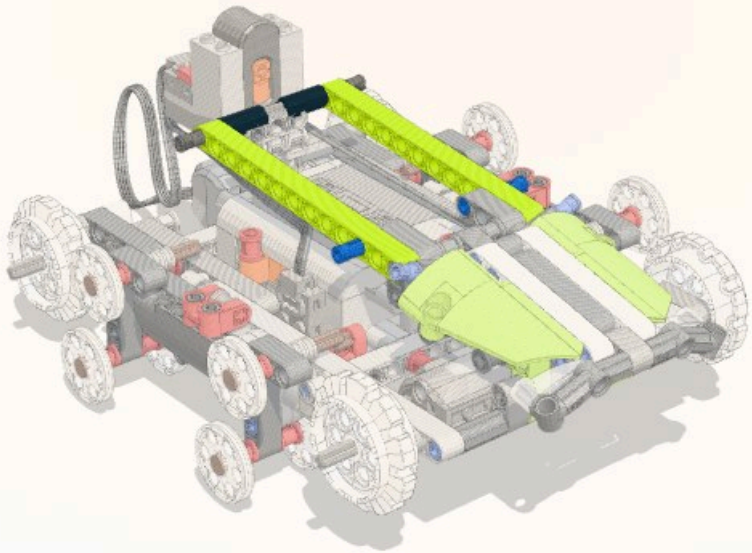
34

- 2× Technic Axle and Pin Connector Hub with 2 Axles at 90 Degrees Black · 10197
- 2× Technic Tooth 1 × 3 with Axlehole with Rounded Bottom Cavity Trans Clear · 41669
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 2× Technic Beam 9 Dark Bluish Grey · 40490
- 1× Technic Pin Long with Stop Bush Black · 32054
- 2× Technic Beam 3 × 3 T-shaped Black · 60484
- 1× Technic Axle Pin Long with Friction with 2L Pin Dark Bluish Grey · 11214



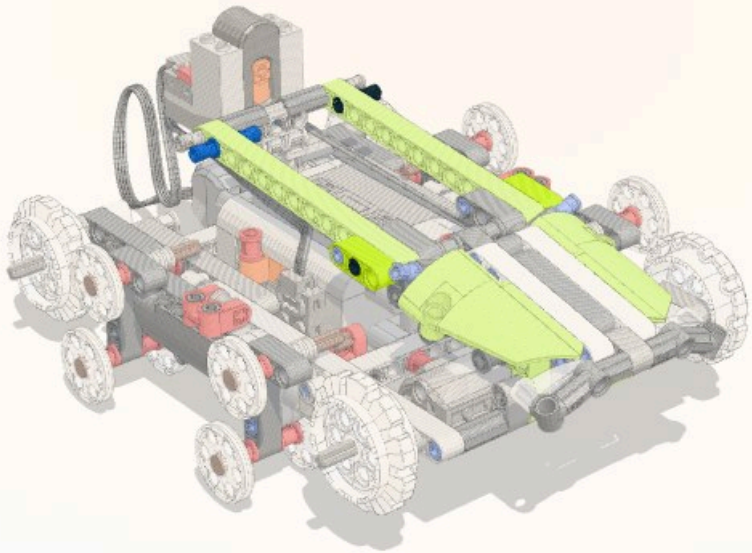
35

- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 2× Technic Axle Pin Tan · 3749
- 2× Technic Beam 13 Lime · 41239
- 2× Technic Axle Pin Long with Friction with 2L Pin Dark Bluish Grey · 11214
- 2× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle 3 Light Bluish Grey · 4519



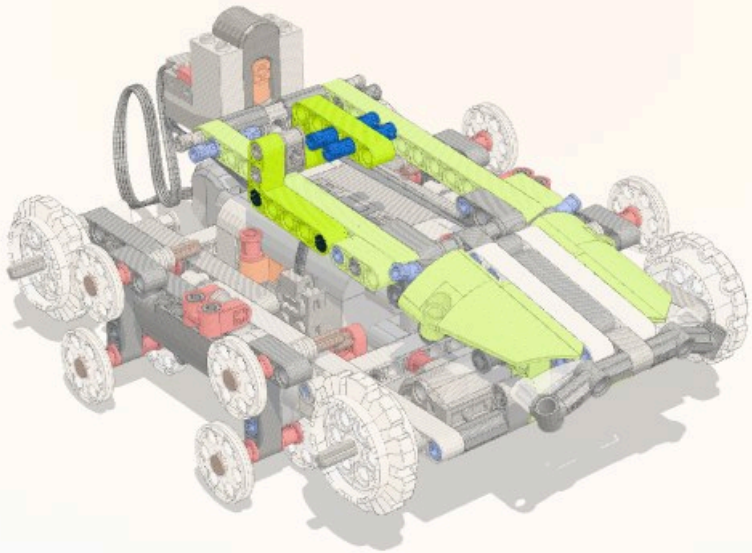
36

- 3× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 2× Technic Beam 3 Lime · 32523



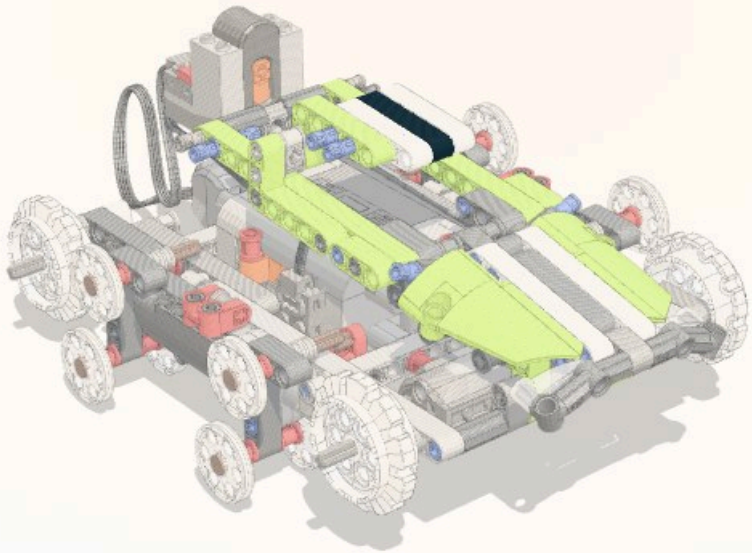
37

- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Beam 3 × 5 Bent 90 Lime · 32526
- 1× Technic Pin 3L Double with Axlehole Light Bluish Grey · 32138
- 2× Technic Pin Long with Friction and Slot Blue · 6558



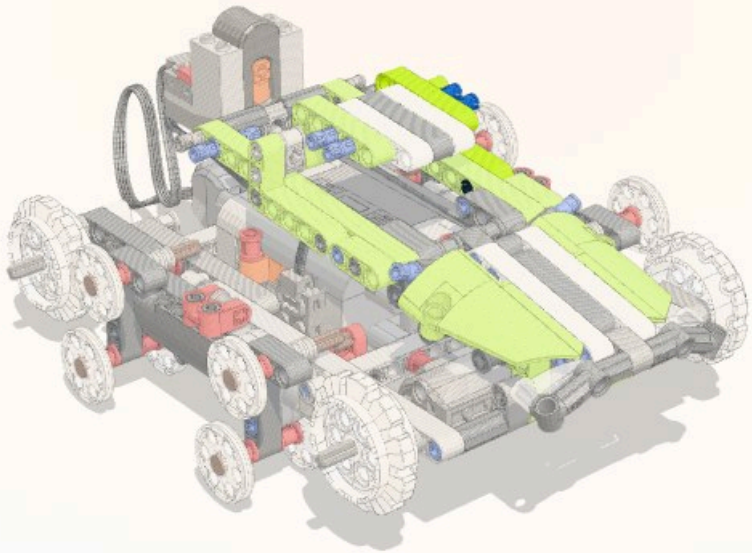
38

- 2× Technic Beam 5 White · 32316
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 5 Black · 32316



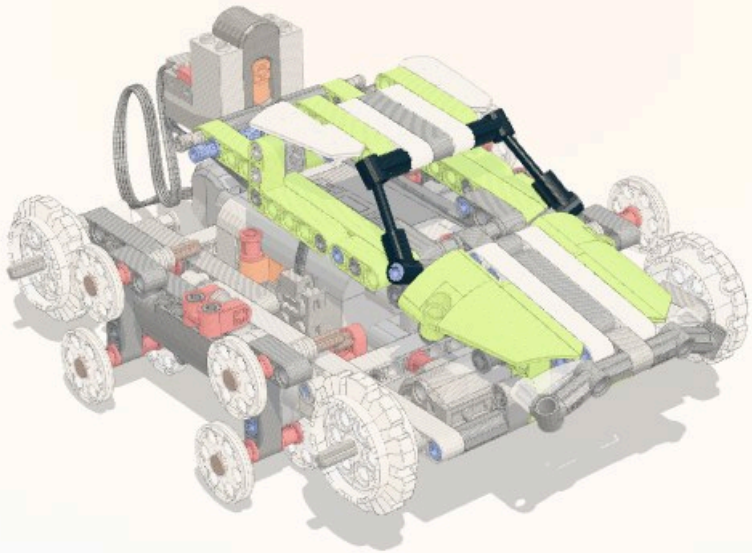
39

- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Beam 3 × 5 Bent 90 Lime · 32526
- 1× Technic Pin 3L Double with Axlehole Light Bluish Grey · 32138
- 2× Technic Pin Long with Friction and Slot Blue · 6558



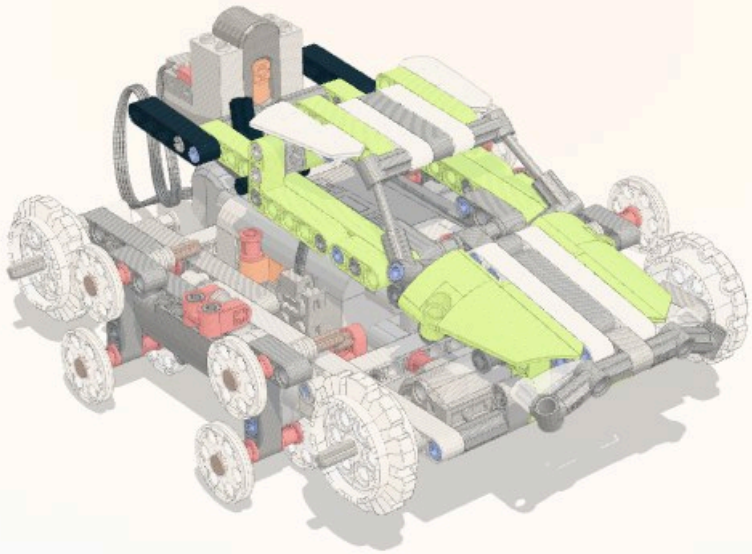
40

- [ ] 1× Technic Panel Fairing Smooth #22 (Thin Short) White · 11947
- [ ] 1× Technic Panel Fairing Smooth #21 (Thin Short) White · 11946
- [ ] 1× Technic Axle 5 Yellow · 32073
- [ ] 4× Technic Angle Connector #1 Black · 32013
- [ ] 2× Technic Flex-System Hose 4L (80LDU) Black · 76250



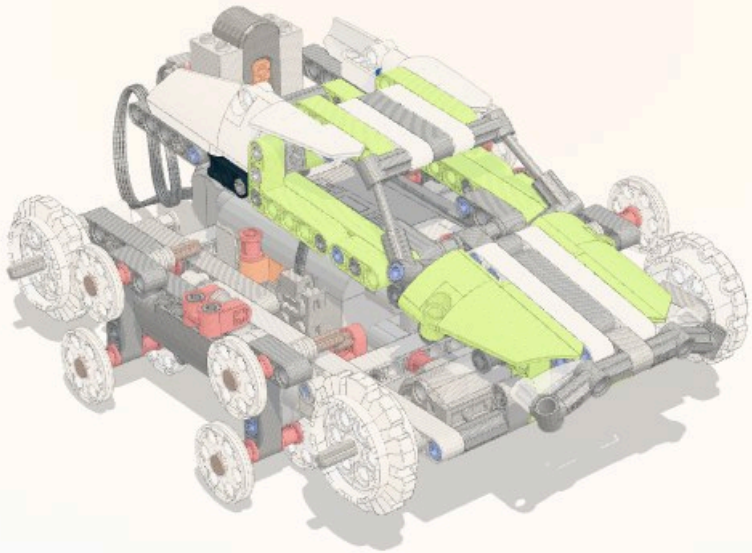
41

- 2× Technic Pin Long with Stop Bush Black · 32054
- 1× Technic Angle Connector #1 Black · 32013
- 2× Technic Beam 5 Black · 32316



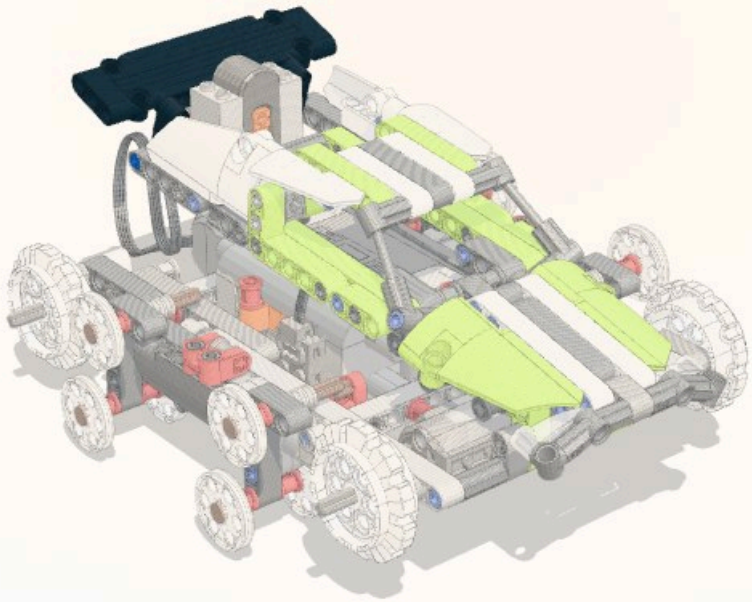
42

- 4× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Panel Fairing Smooth #4 (Medium) White · 64391
- 1× Technic Panel Fairing Smooth #3 (Medium) White · 64683
- 2× Technic Cross Block 1 × 3 (Axle/Pin/Pin) Black · 42003



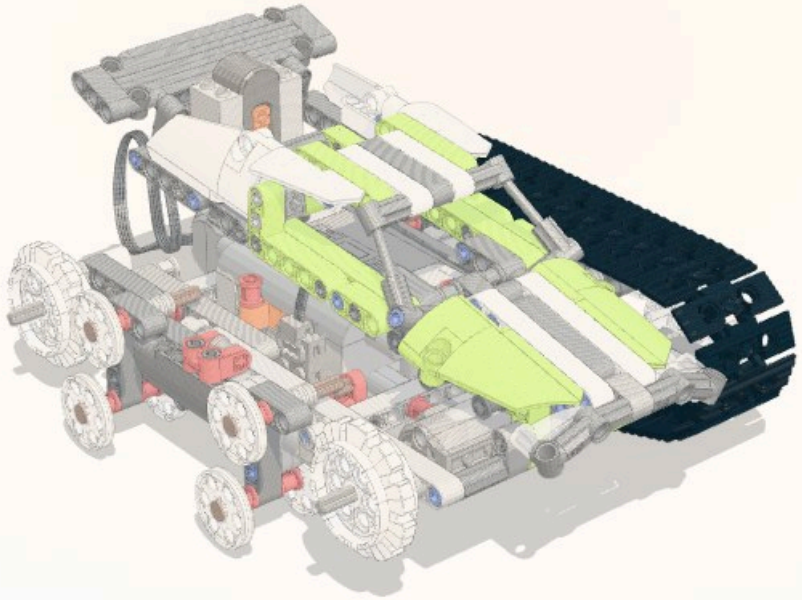
43

- 2× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Cross Block 1 × 3 (Axle/Pin/Pin) Black · 42003
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Panel 3 × 11 Black · 15458



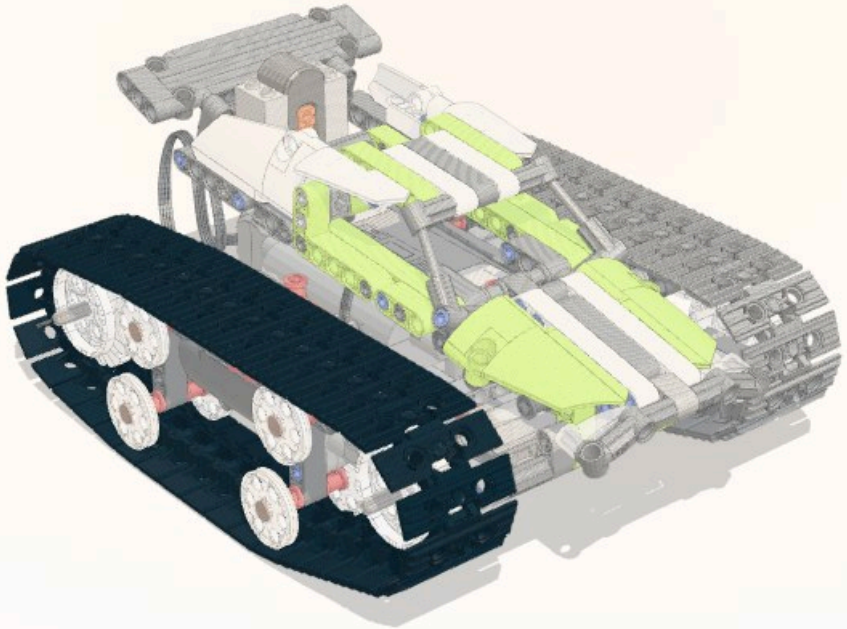
44

37× Technic Chain Tread 5 Wide Black · 57518



45

- 37× Technic Chain Tread 5 Wide Black · 57518



46

- 1× Technic Flex-System Hose 13L (260LDU) Black · 71551
- 1× Flag 2 × 2 White · 2335
- 1× Electric Power Functions IR Remote Control Light Bluish Grey · 58122
- 2× Technic Axle 2 Notched Red · 32062
- 2× Technic Bush with Two Flanges Red · 3713



Parts list

2x	10197	Black Technic Axle and Pin Connect
1x	15458	Black Technic Panel 3 × 11
2x	24119	Black Technic Panel Smooth 7 × 2 ×
36x	2780	Black Technic Pin with Friction an
5x	32013	Black Technic Angle Connector #1
4x	32016	Black Technic Angle Connector #3 (
11x	32054	Black Technic Pin Long with Stop B
3x	32316	Black Technic Beam 5
9x	32526	Black Technic Beam 3 × 5 Bent 90
4x	42003	Black Technic Cross Block 1 × 3 (A
74x	57518	Black Technic Chain Tread 5 Wide
4x	59443	Black Technic Axle Joiner Inline S
3x	60484	Black Technic Beam 3 × 3 T-shaped
1x	71551	Black Technic Flex-System Hose 13L
2x	76250	Black Technic Flex-System Hose 4L
344x	u9190	Black Electric Power Functions 4-W
1x	3069b	Blue Tile 1 × 2 with Groove
18x	43093	Blue Technic Axle Pin with Fricti
26x	6558	Blue Technic Pin Long with Fricti
9x	11214	Dark Bluish Grey Technic Axle Pin Long with F
4x	32209	Dark Bluish Grey Technic Axle 5.5 with Stop T
2x	32291	Dark Bluish Grey Technic Cross Block 2 × 2 (A
5x	32523	Dark Bluish Grey Technic Beam 3
4x	40490	Dark Bluish Grey Technic Beam 9
3x	58124c01	Dark Bluish Grey Electric Power Functions Con
3x	60483	Dark Bluish Grey Technic Beam 2 Liftarm
2x	32039	Light Bluish Grey Technic Connector (Axle/Bush
4x	32056	Light Bluish Grey Technic Beam 3 × 3 × 0.5 Lif
8x	32123a	Light Bluish Grey Technic Bush 1/2 Smooth with
2x	32138	Light Bluish Grey Technic Pin 3L Double with A
4x	32278	Light Bluish Grey Technic Beam 15
5x	4519	Light Bluish Grey Technic Axle 3
1x	58119	Light Bluish Grey Electric Power Functions 9V
2x	58120	Light Bluish Grey Electric Power Functions Med
1x	58122	Light Bluish Grey Electric Power Functions IR
1x	58123	Light Bluish Grey Electric Power Functions IR
1x	60485	Light Bluish Grey Technic Axle 9
3x	63869	Light Bluish Grey Technic Cross Block 3 × 2 (A
6x	6536	Light Bluish Grey Technic Cross Block 1 × 2 (A
2x	87082	Light Bluish Grey Technic Pin Long with Pin Ho
2x	32523	Lime Technic Beam 3
6x	32526	Lime Technic Beam 3 × 5 Bent 90
2x	41239	Lime Technic Beam 13
1x	64391	Lime Technic Panel Fairing Smooth

Part geometry: LDraw parts library (ldraw.org), CC BY 4.0. LEGO is a trademark of the LEGO Group, which does not sponsor or endorse this guide.