

Remote-Controlled Stunt Racer

643 LEGO® parts · 51 steps · dminspired.com/lego

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

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1

■ 1× Electric Power Functions Large Motor

Light Bluish Grey · 99499

■ 1× Electric Power Functions Connector with
PF Bottom Dark Bluish Grey · 58124c01



2

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

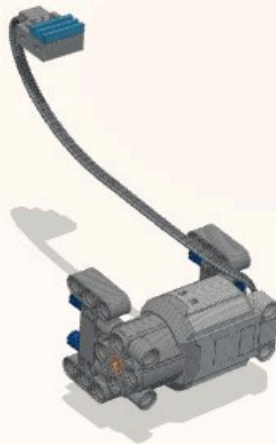


3

■ 1× Tile 1 × 2 Grille with Groove Dark Azure · 2412b

■ 4× Technic Pin Long with Friction and Slot Blue · 6558

■ 2× Technic Beam 5 × 3 H-shaped Light Bluish Grey · 14720



4

- 1× Electric Power Functions Large Motor
Light Bluish Grey · 99499
- 1× Electric Power Functions Connector with
PF Bottom Dark Bluish Grey · 58124c01



5

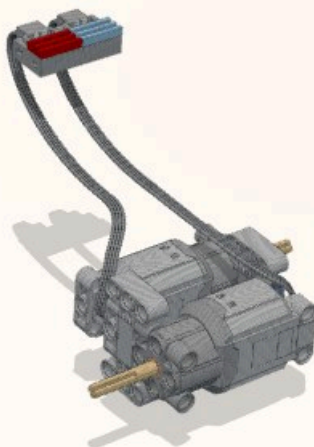
■ 90× Electric Power Functions 4-Wire Ribbon
Cable Segment Black · u9190



6

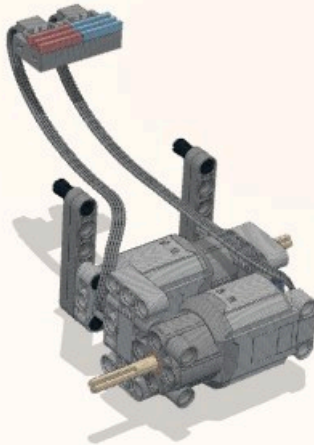
■ 1× Tile 1 × 2 Grille with Groove Red · 2412b

■ 2× Technic Axle 4 with Middle Cylindrical
Stop Tan · 99008



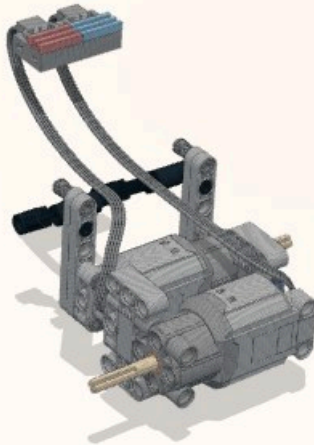
7

- 6× Technic Pin with Friction and Slots Black · 2780
- 4× Technic Beam 6 × 0.5 Light Bluish Grey · 32063



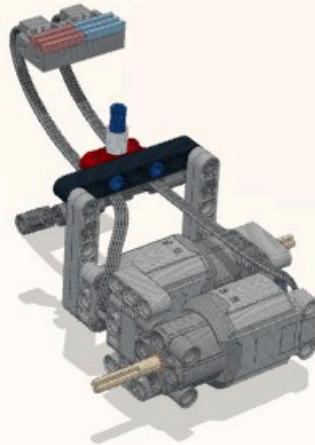
8

- 2× Technic Pin with Friction with Perpendicular Pin Hole Type 1 Black · 15100
- 2× Technic Pin with Friction and Slots Black · 2780
- 4× Technic Angle Connector #1 Black · 32013
- 2× Technic Axle 4 Black · 3705



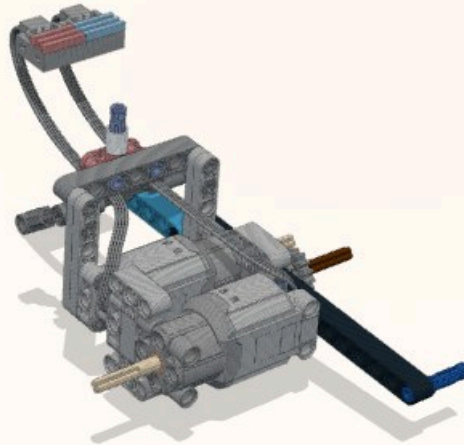
9

- 1× Technic Beam 7 Black · 32524
- 2× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Cross Block 1 × 3 (Axle/Pin/Axle)
Red · 32184
- 1× Technic Pin Long with Friction and Slot
Blue · 6558
- 1× Technic Beam 1 White · 18654



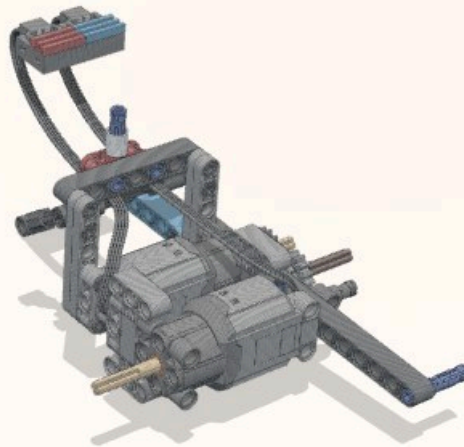
10

- 5× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 15 Black · 32278
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Axle 5 with Stop Reddish Brown · 15462
- 1× Technic Gear 16 Tooth Reinforced Light Bluish Grey · 94925
- 1× Technic Beam 5 Dark Azure · 32316



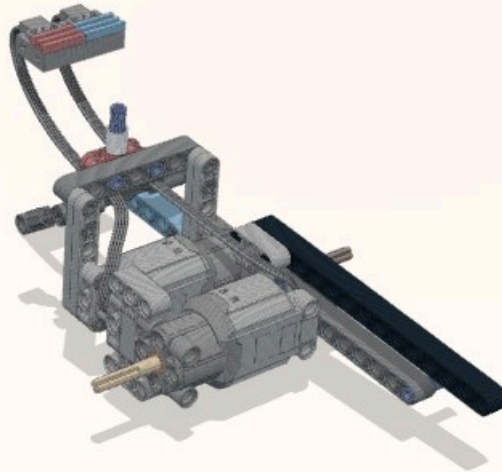
11

- 1× Technic Pin Long without Friction with Single Slot Tan · 32556
- 1× Wheel Rim 8 × 11.2 with Centre Groove Light Bluish Grey · 42610
- 1× Technic Gear 16 Tooth Reinforced Light Bluish Grey · 94925
- 1× Technic Pin Long with Pin Hole Type 1 Light Bluish Grey · 87082



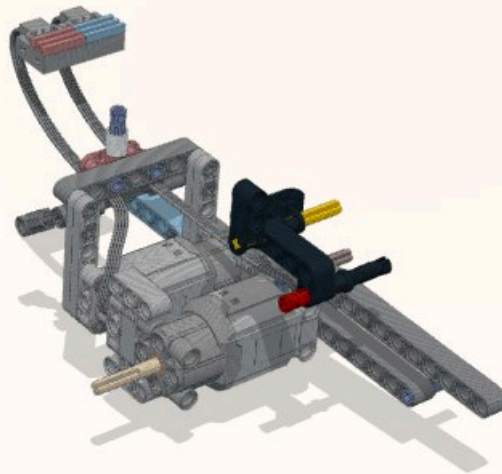
12

- 1× Technic Beam 5 Dark Azure · 32316
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 15 Black · 32278



13

- 1x Technic Axle 5 Yellow · 32073
- 1x Technic Cross Block 1 × 3 (Axle/Pin/Pin) Black · 42003
- 1x Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140
- 1x Technic Cross Block 3 × 2 (Axle/Triple Pin) Black · 63869
- 1x Technic Axle Pin Long with Friction with 2L Pin Red · 11214
- 1x Technic Pin Long with Stop Bush Black · 32054



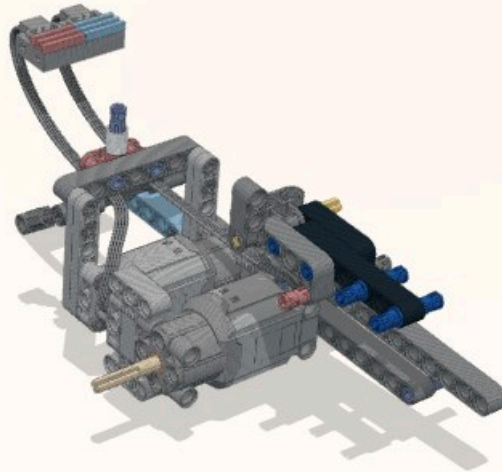
14

■ 4× Technic Pin Long with Friction and Slot
Blue · 6558

Blue · 6558

■ 1× Technic Beam 7 Black · 32524

■ 1× Technic Beam 2 × 4 Liftarm Bent 90 Black
· 32140

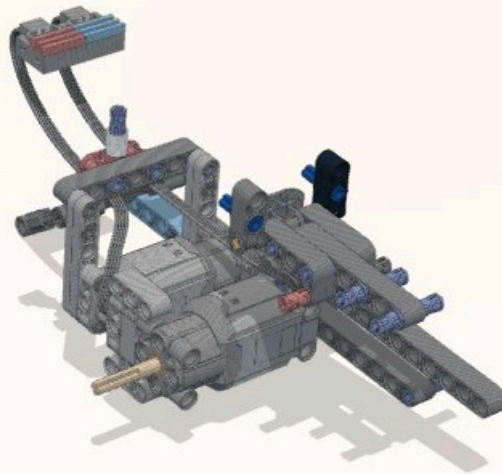


15

■ 1× Technic Cross Block 1 × 3 (Axle/Pin/Pin)
Black · 42003

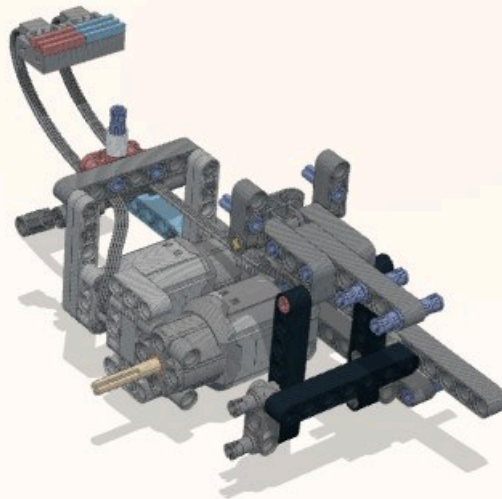
Black · 42003

■ 2× Technic Axle Pin with Friction Blue · 43093



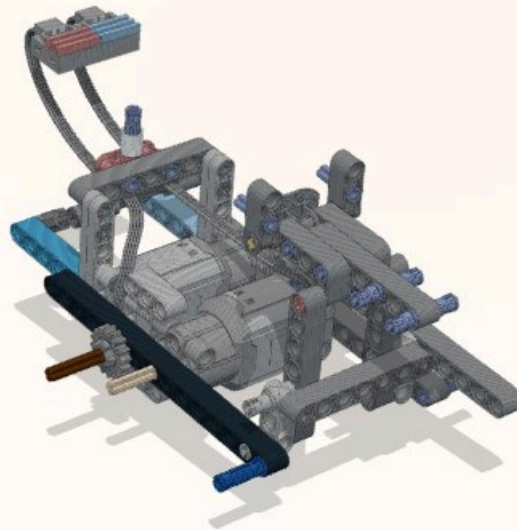
16

- 3× Technic Beam 7 Black · 32524
- 2× Technic Cross Block 1 × 3 (Pin/Pin/Pin) with 4 Pins Light Bluish Grey · 48989
- 2× Technic Pin with Friction and Slots Black · 2780



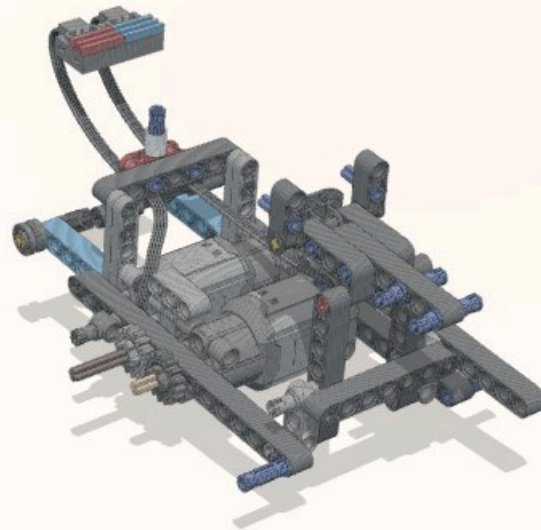
17

- 1× Technic Beam 15 Black · 32278
- 5× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Axle 5 with Stop Reddish Brown · 15462
- 1× Technic Gear 16 Tooth Reinforced Light Bluish Grey · 94925
- 1× Technic Beam 5 Dark Azure · 32316



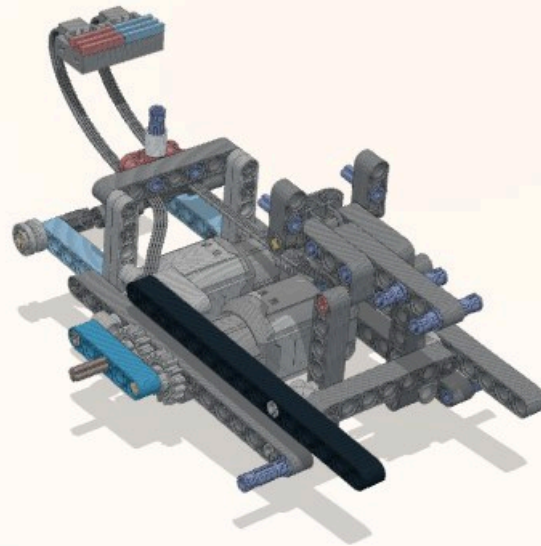
18

- 1× Wheel Rim 8 × 11.2 with Centre Groove
Light Bluish Grey · 42610
- 1× Technic Pin Long without Friction with
Single Slot Tan · 32556
- 1× Technic Pin Long with Pin Hole Type 1
Light Bluish Grey · 87082
- 1× Technic Gear 16 Tooth Reinforced Light
Bluish Grey · 94925



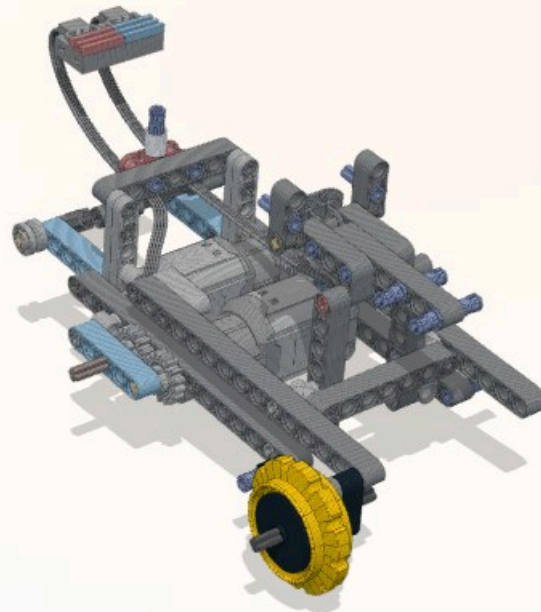
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- 1× Technic Beam 5 Dark Azure · 32316
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 15 Black · 32278



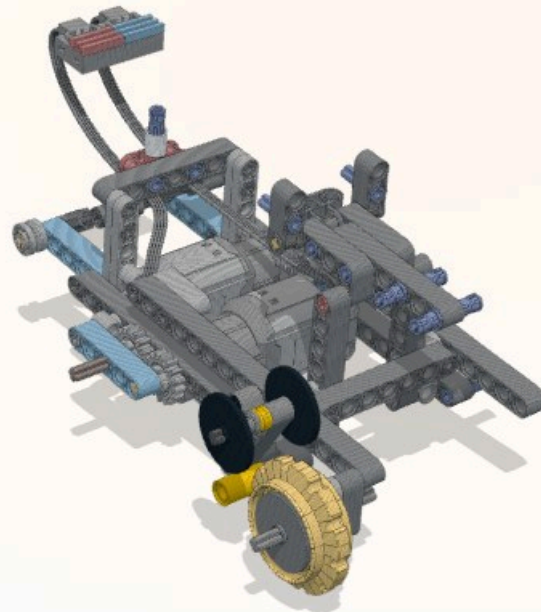
20

- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 3 Light Bluish Grey · 32523
- 1× Technic Axle 5.5 with Stop Type 2 Dark Bluish Grey · 59426
- 1× Technic Sprocket Wheel 40.4 Yellow · 57519
- 1× Technic Disc 3 × 3 with Axlehole Black · 52901



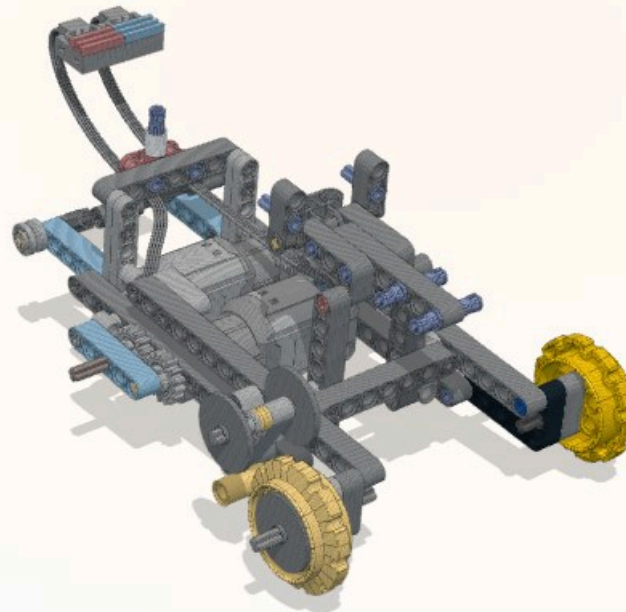
21

- 1× Technic Pin Joiner Round with Slot Yellow · 62462
- 1× Technic Beam 3 Light Bluish Grey · 32523
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 5 Light Bluish Grey · 32316
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 1 White · 18654
- 1× Technic Axle 4 with Stop Dark Bluish Grey · 87083
- 2× Technic Disc 3 × 3 with Axlehole Black · 52901
- 1× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Yellow · 32123b
- 1× Technic Bush with Two Flanges Light Bluish Grey · 3713



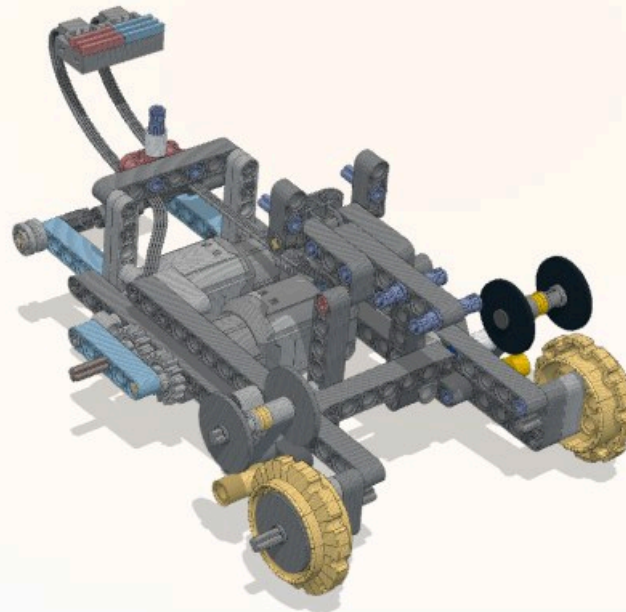
22

- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 3 Light Bluish Grey · 32523
- 1× Technic Axle 5.5 with Stop Type 2 Dark Bluish Grey · 59426
- 1× Technic Sprocket Wheel 40.4 Yellow · 57519
- 1× Technic Disc 3 × 3 with Axlehole Black · 52901



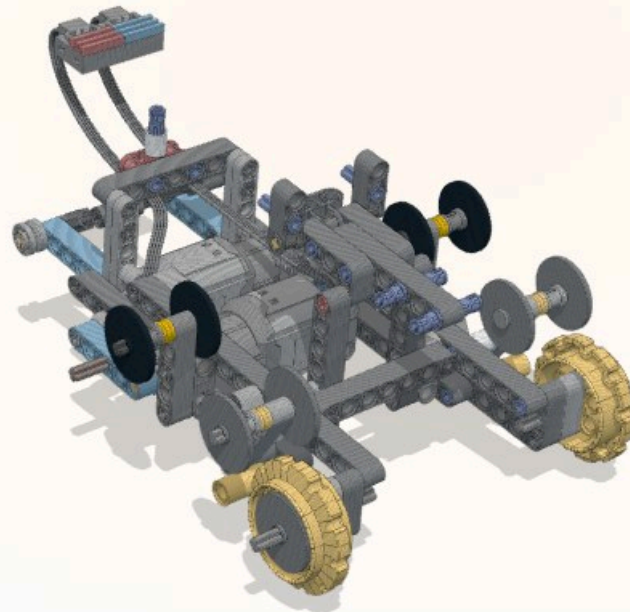
23

- 2× =Technic Disc 3 × 3 with Axlehole Black · 52901
- 1× Technic Pin Joiner Round with Slot Yellow · 62462
- 1× Technic Beam 3 Light Bluish Grey · 32523
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 5 Light Bluish Grey · 32316
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 1 White · 18654
- 1× Technic Axle 4 with Stop Dark Bluish Grey · 87083
- 1× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Yellow · 32123b
- 1× Technic Bush with Two Flanges Light Bluish Grey · 3713



24

- 2× Technic Cross Block 1 × 3 (Pin/Pin/Pin) with 4 Pins Light Bluish Grey · 48989
- 2× Technic Beam 5 Light Bluish Grey · 32316
- 2× Technic Axle 4 with Stop Dark Bluish Grey · 87083
- 2× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Yellow · 32123b
- 2× Technic Bush with Two Flanges Light Bluish Grey · 3713
- 4× Technic Disc 3 × 3 with Axlehole Black · 52901



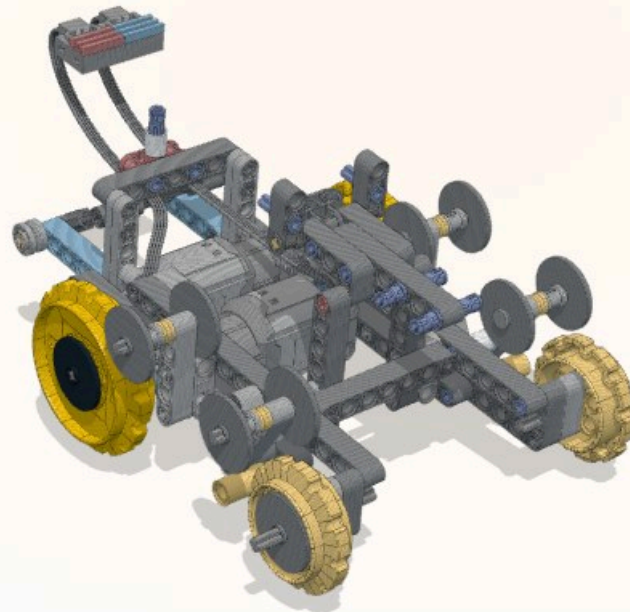
25

■ 2× Technic Sprocket Wheel 56.5 Yellow ·

42529

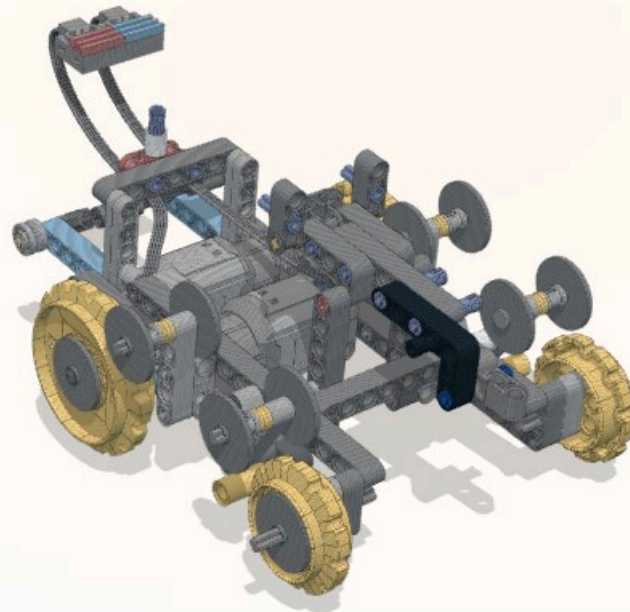
■ 2× Technic Disc 3 × 3 with Axlehole Black ·

52901



26

- 1× Technic Beam 3 × 5 Bent 90 Black · 32526
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Cross Block 2 × 3 (Pin/Pin/Twin Pin) Light Bluish Grey · 32557



27

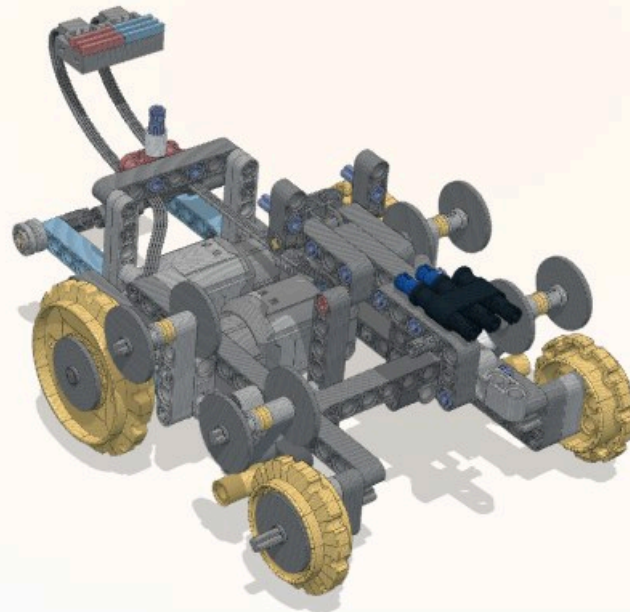
■ 1× Technic Cross Block 3 × 2 (Axle/Triple Pin)

Black · 63869

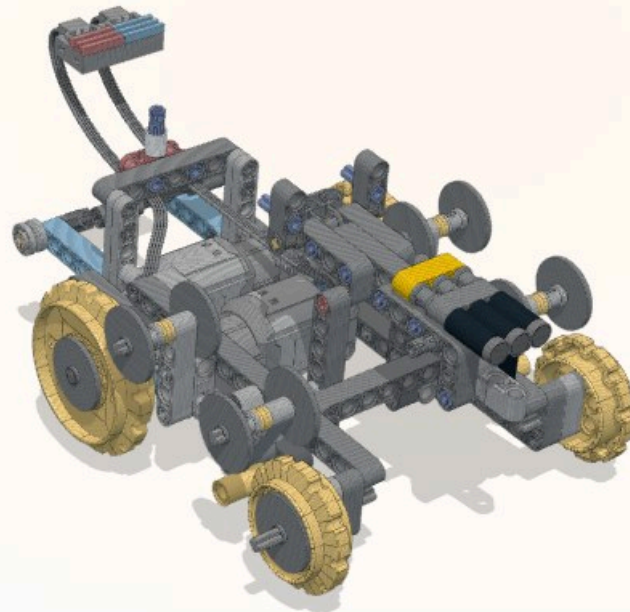
■ 3× Technic Pin Long with Stop Bush Black ·

32054

■ 2× Technic Axle Pin with Friction Blue · 43093

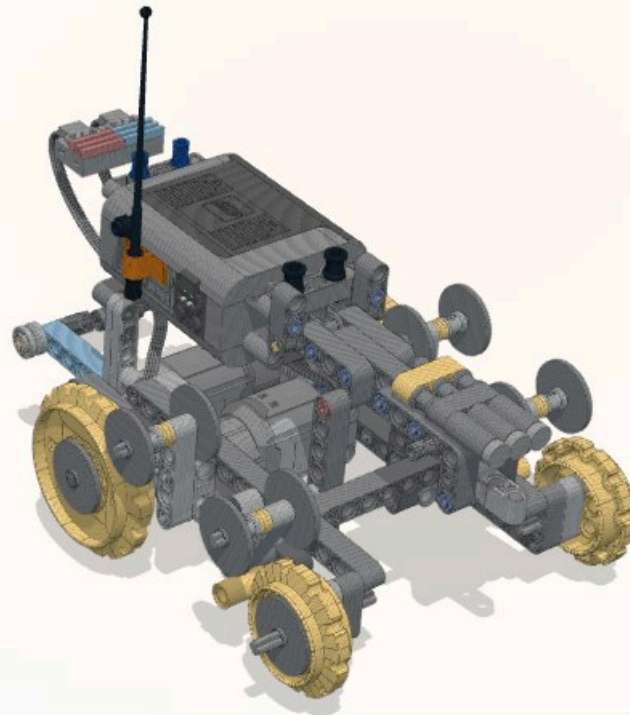


- 1× Technic Beam 3 Yellow · 32523
- 3× Technic Pin Joiner Round with Slot Black · 62462
- 3× Technic Pin 1/2 Light Bluish Grey · 4274
- 3× Tile 1 × 1 Round with Silver Dot in Thin Black Circle Pattern Pearl Silver · 98138p0e
- 1× Technic Axle Pin Long with Friction with 2L Pin Red · 11214
- 1× Technic Beam 3 × 5 Bent 90 Black · 32526



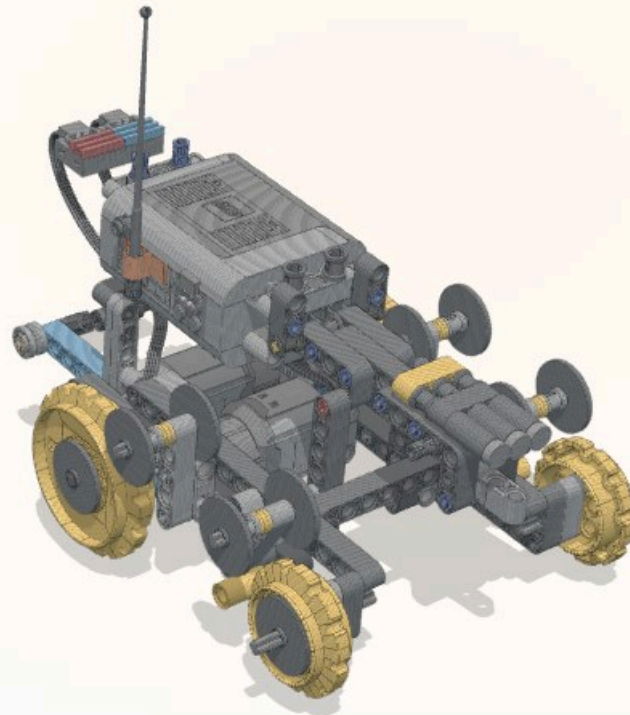
29

- 1× Electric Power Functions 9V Battery Box (Complete) Light Bluish Grey · 58119
- 2× Technic Pin Long with Stop Bush Black · 32054
- 1× Technic Pin with Friction and Slots Black · 2780
- 1× Minifig Tool Fishing Rod Black · 2614
- 2× Technic Pin Long with Friction and Slot Blue · 6558



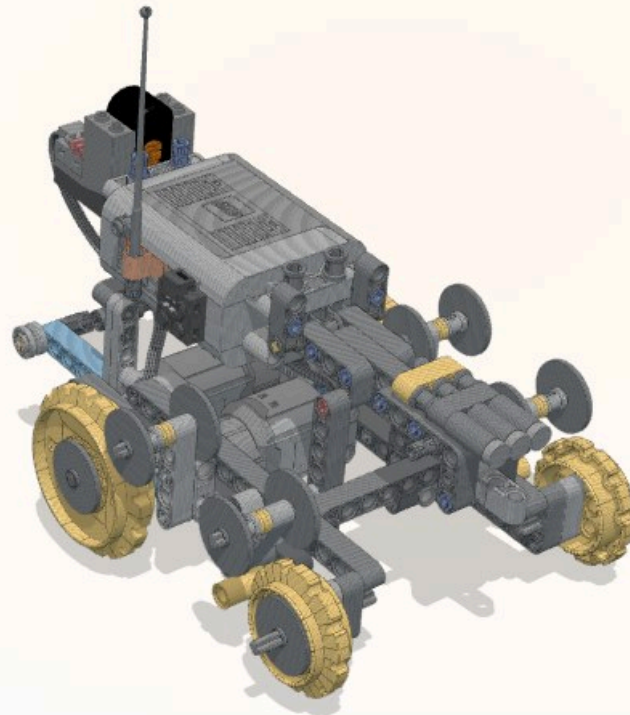
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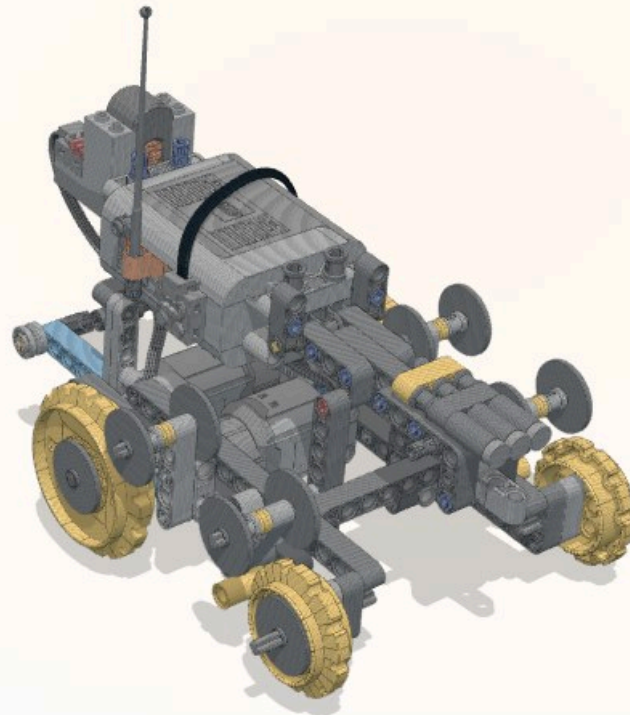
■ 2× Technic Pin with Friction with
Perpendicular Pin Hole Type 1 Black · 15100



31

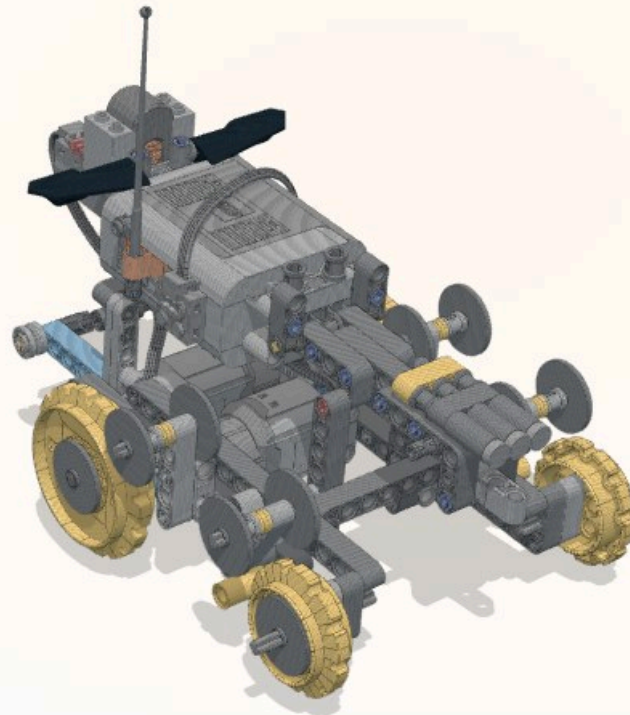
- 1× Electric Power Functions IR Receiver Light
Bluish Grey · 58123
- 1× Electric Power Functions Connector with
PF Bottom Dark Bluish Grey · 58124c01





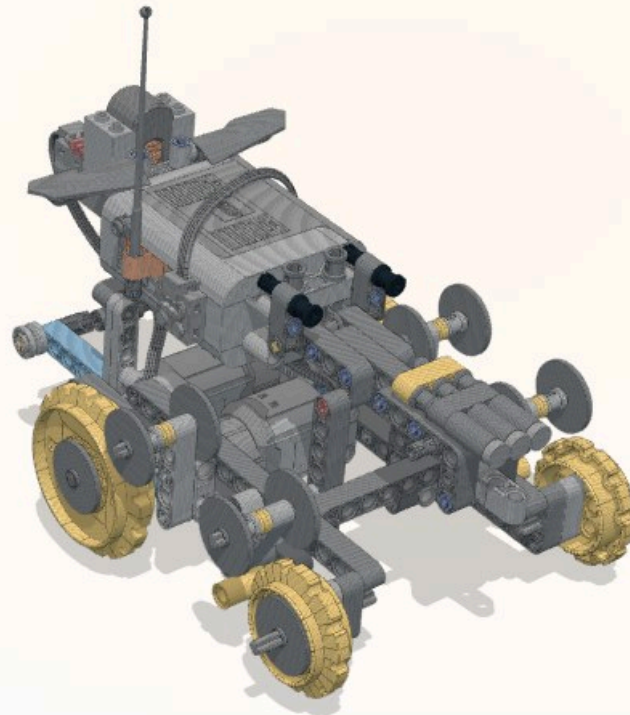
33

- 2× Technic Axle with Perpendicular Pin Hole
Light Bluish Grey · 22961
- 1× Technic Panel Fairing Smooth #22 (Thin
Short) Black · 11947
- 1× Technic Panel Fairing Smooth #21 (Thin
Short) Black · 11946



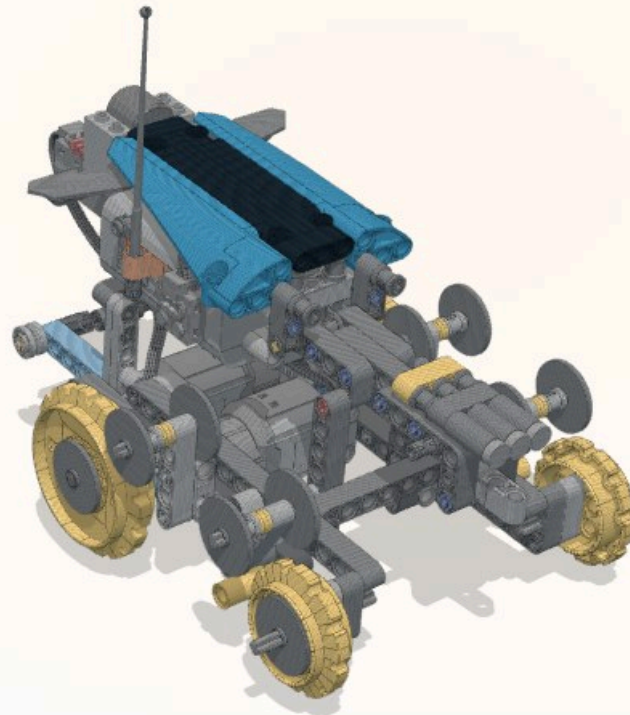
34

■ 2× Technic Pin Long with Stop Bush Black ·
32054



35

- 1× Technic Panel 3 × 11 Black · 15458
- 4× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Panel Fairing Smooth #6 (Long) Dark Azure · 64393
- 1× Technic Panel Fairing Smooth #5 (Long) Dark Azure · 64681



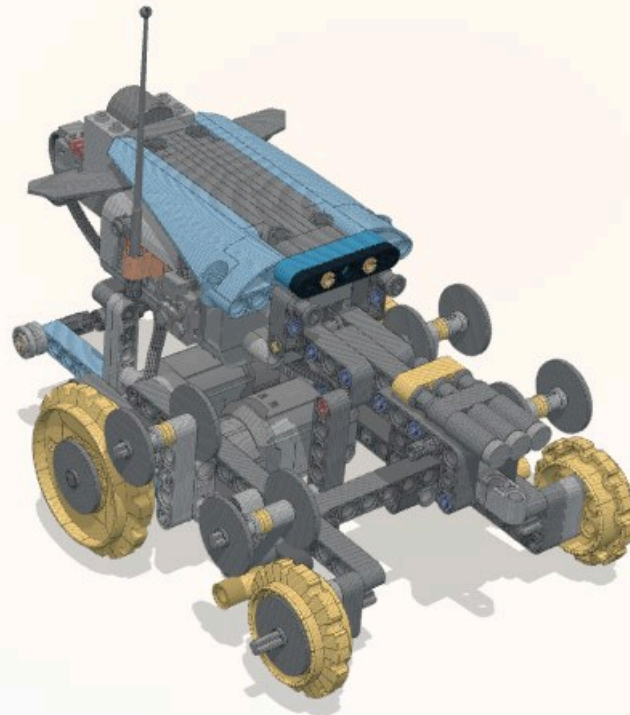
36

■ 2× Technic Pin with Friction and Slots Black · 2780

■ 1× Technic Beam 5 Dark Azure · 32316

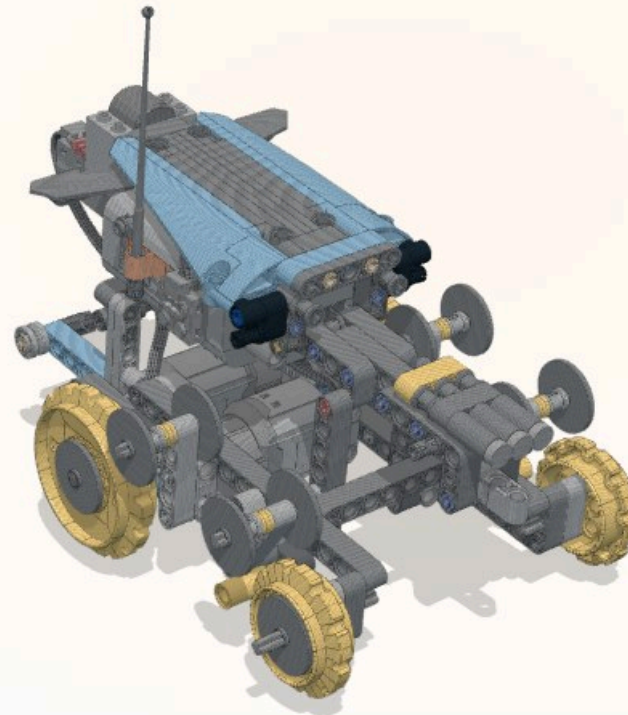
■ 2× Technic Pin 3/4 Tan · 32002

■ 1× Technic Beam 5 × 0.5 Liftarm with Axle Holes at Both Ends Black · 11478



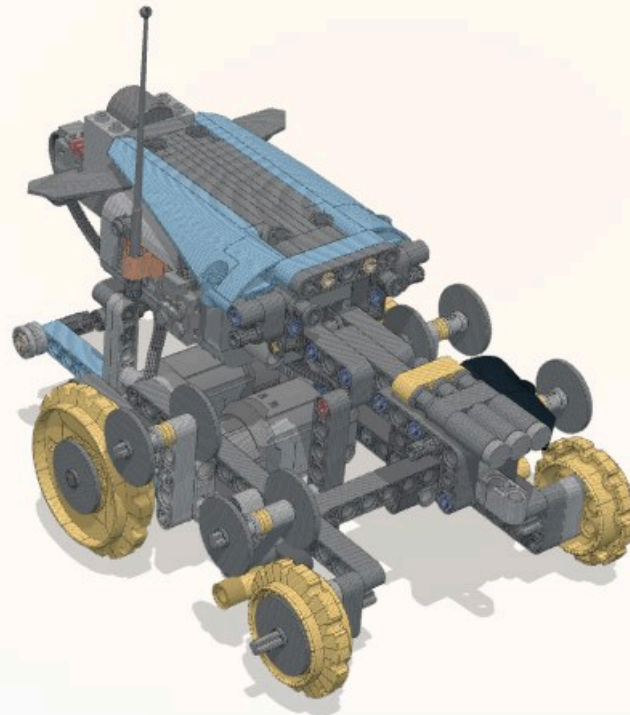
37

- 2× Technic Pin with Friction with Perpendicular Pin Hole Type 1 Black · 15100
- 2× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Beam 2 Liftarm Black · 74695
- 2× Technic Pin with Friction and Slots Black · 2780



38

- 1× Technic Panel Fairing Smooth #1 (Short) Black · 87080
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Pin Joiner Round with Slot Black · 62462
- 1× Technic Pin 1/2 Light Bluish Grey · 4274
- 1× Tile 1 × 1 Round with Silver Dot in Thin Black Circle Pattern Pearl Silver · 98138p0e



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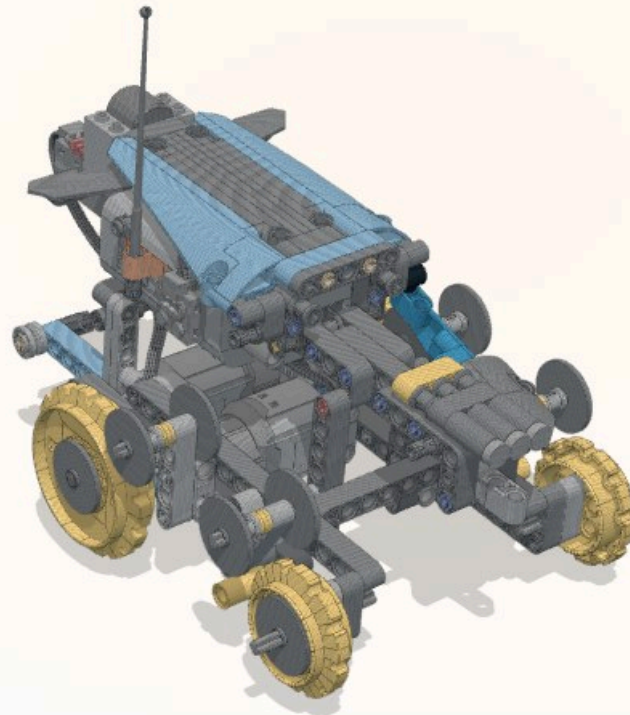
■ 1× Technic Panel Fairing Smooth #1 (Short)

Dark Azure · 87080

■ 1× Technic Axle Pin with Friction Blue · 43093

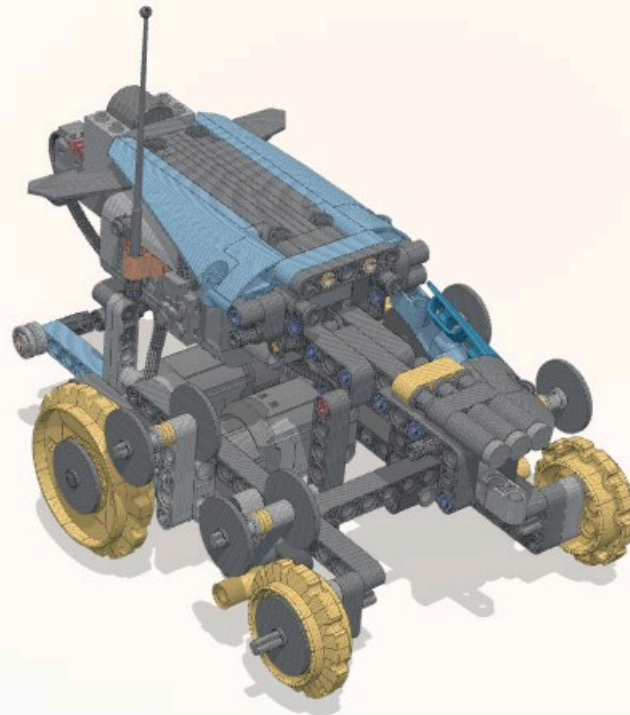
■ 1× Technic Panel Fairing Smooth #21 (Thin Short) Dark Azure · 11946

■ 1× Technic Pin with Friction with Perpendicular Pin Hole Type 1 Black · 15100



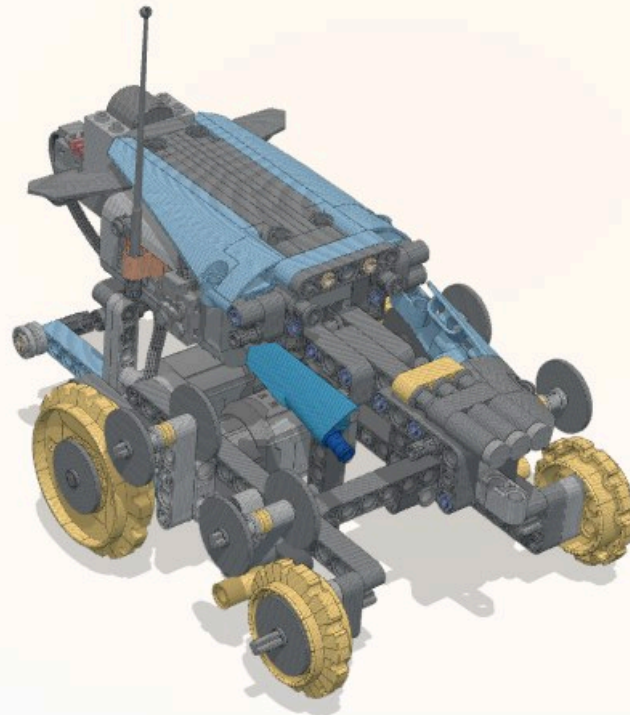
40

- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Panel Faring Smooth #22 (Thin Short) Dark Azure · 11947



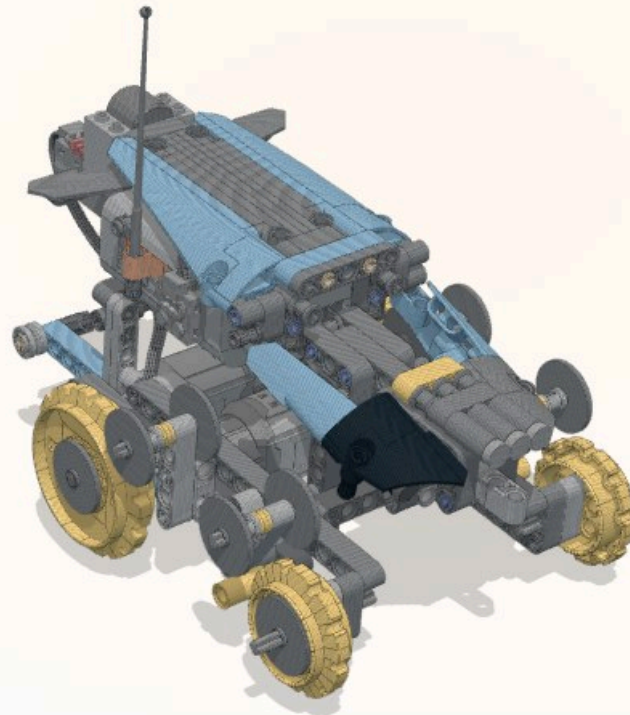
41

- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Panel Faring Smooth #21 (Thin Short) Dark Azure · 11946



42

- 1× Technic Panel Fairing Smooth #2 (Short) Black · 87086
- 2× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Pin Joiner Round with Slot Black · 62462
- 1× Technic Pin 1/2 Light Bluish Grey · 4274
- 1× Tile 1 × 1 Round with Silver Dot in Thin Black Circle Pattern Pearl Silver · 98138p0e



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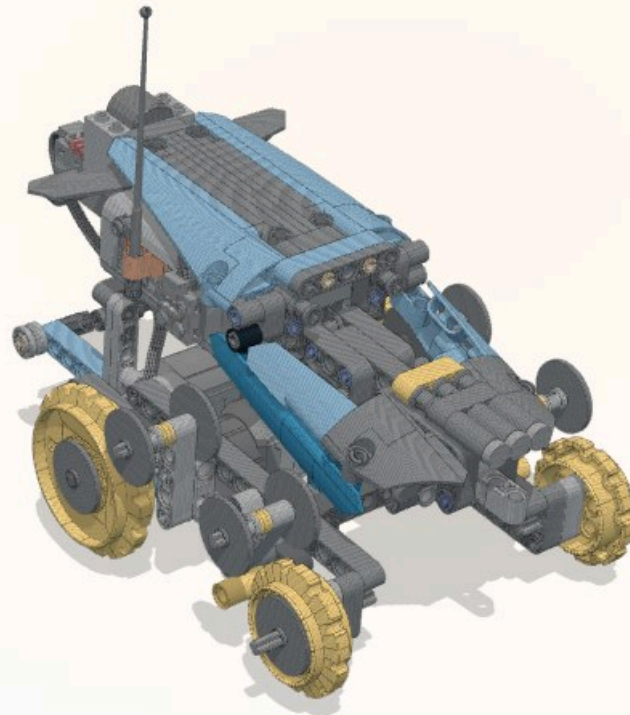
■ 1× Technic Panel Fairing Smooth #2 (Short)

Dark Azure · 87086

■ 1× Technic Axle Pin with Friction Blue · 43093

■ 1× Technic Panel Fairing Smooth #22 (Thin Short) Dark Azure · 11947

■ 1× Technic Pin with Friction with Perpendicular Pin Hole Type 1 Black · 15100



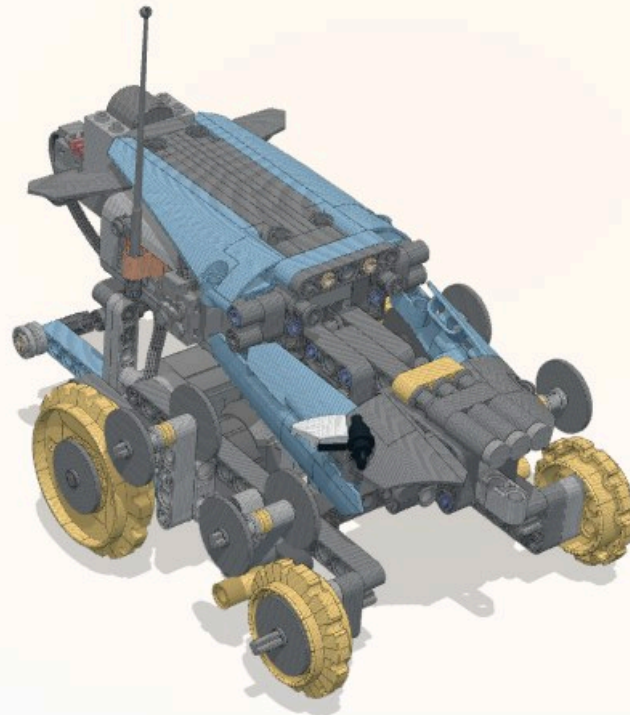
44

■ 1× Minifig Paint Roller Brush Handle Black ·
12885

■ 1× Plate 1 × 1 Round with Open Stud Black ·
85861

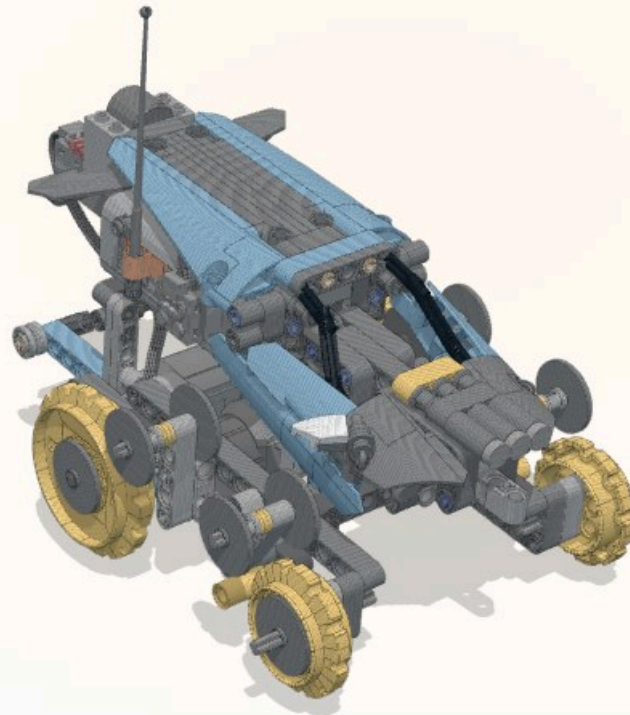
■ 1× Plate 1 × 1 with Clip Light Type 1 Black ·
4081a

□ 1× Slope Brick Curved 2 × 1 with Cutout Left
White · 29120



45

■ 6× Technic Axle Flexible 7 Black · 32580



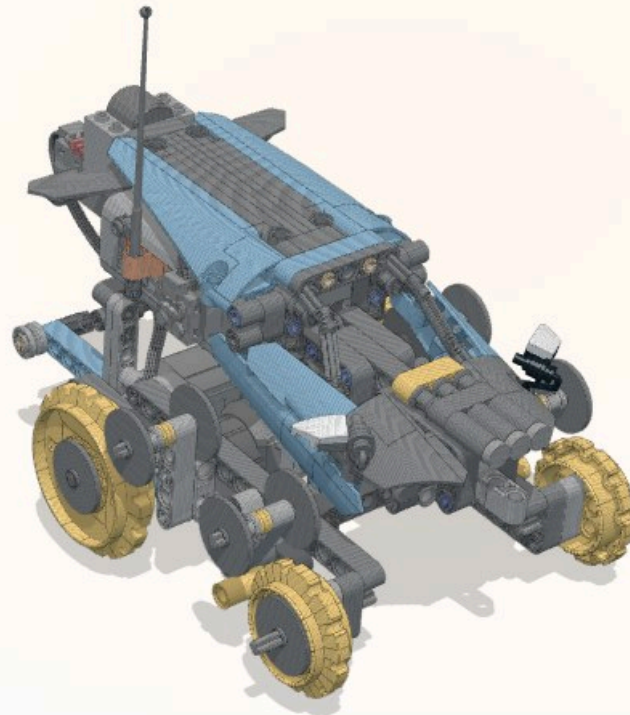
46

■ 1× Minifig Paint Roller Brush Handle Black ·
12885

■ 1× Plate 1 × 1 Round with Open Stud Black ·
85861

■ 1× Plate 1 × 1 with Clip Light Type 1 Black ·
4081a

□ 1× Slope Brick Curved 2 × 1 with Cutout Right
White · 29119



47

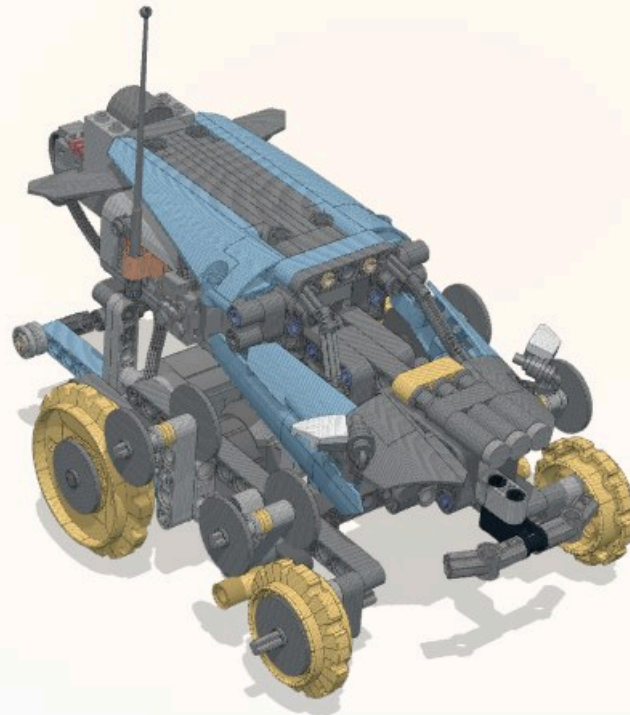
■ 1× Technic Cross Block 1 × 3 (Axle/Pin/Pin)

Black · 42003

■ 1× Technic Axle 3 Light Bluish Grey · 4519

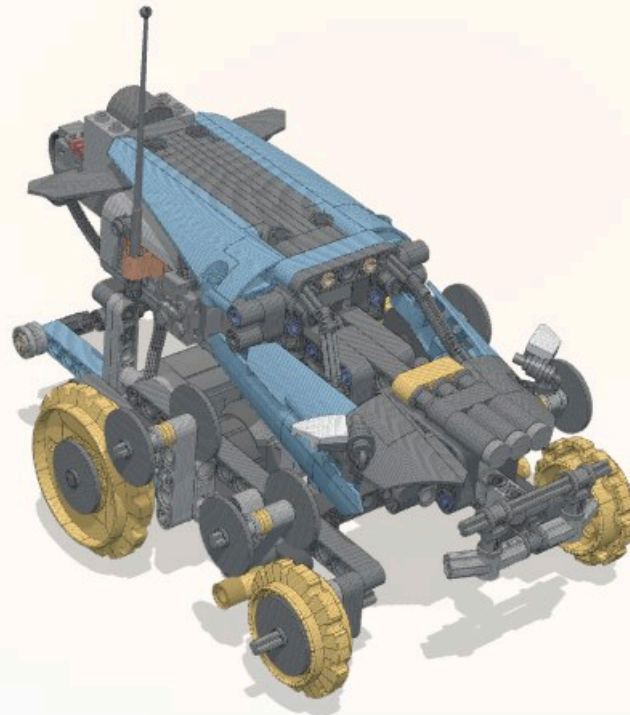
■ 2× Technic Angle Connector #3 (157.5 degree) Light Bluish Grey · 32016

■ 2× Technic Pin with Friction and Slots Black · 2780



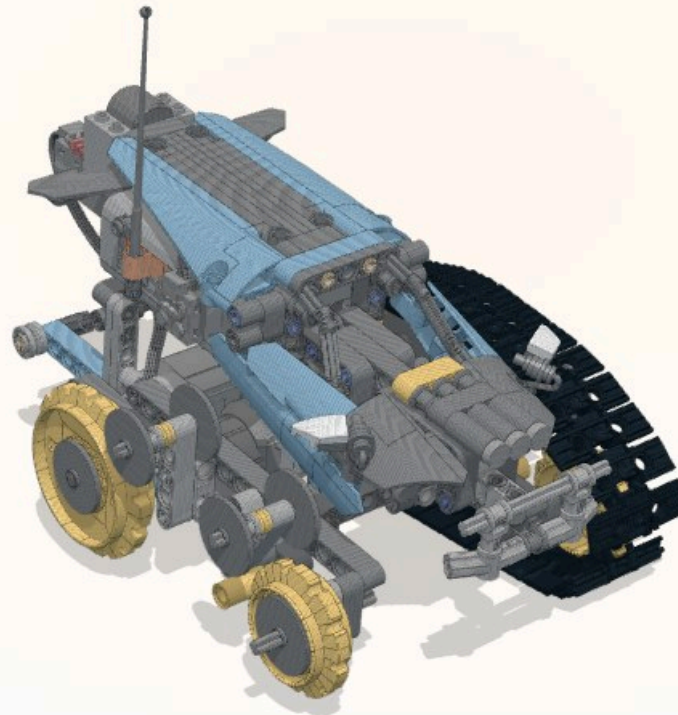
48

- 2× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Connector (Axle/Bush) Type 1
Light Bluish Grey · 32039
- 1× Technic Axle 7 Light Bluish Grey · 44294



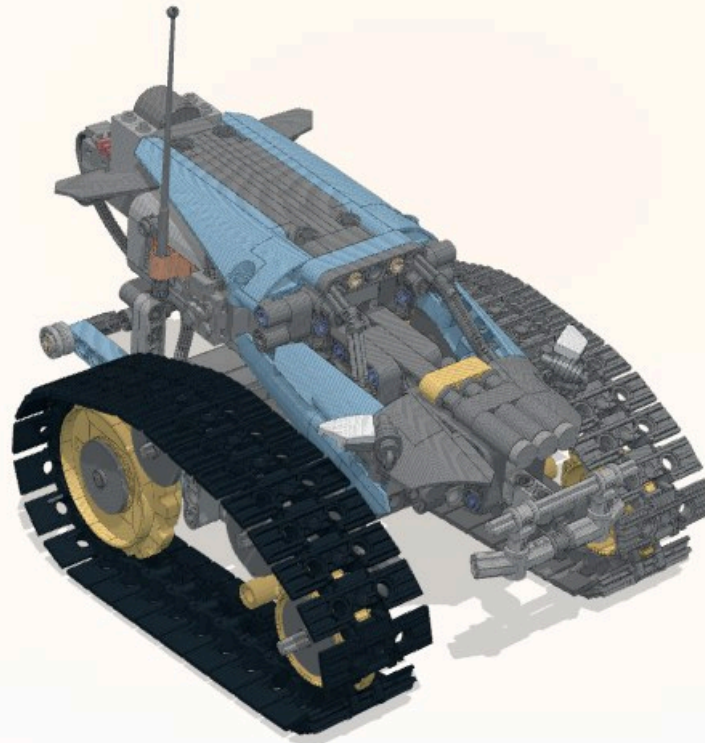
49

■ 30× Technic Chain Tread 5 Wide Reinforced
Black · 88323



50

■ 30× Technic Chain Tread 5 Wide Reinforced
Black · 88323



51

- 1× Electric Power Functions IR Remote Control Channel Selector Orange · 59365
- 2× Electric Power Functions IR Remote Control Direction Switch Orange · 58136
- 2× Electric Power Functions IR Remote Control Direction Reverser Black · 937
- 1× Electric Power Functions IR Remote Control Top (Needs Work) Light Bluish Grey · 58132
- 1× Electric Power Functions IR Remote Control Front Glass Trans Black IR Lens · 58133
- 1× Electric Power Functions IR Remote Control Bottom (Needs Work) Dark Bluish Grey · 58134
- 1× Electric Power Functions IR Remote Control Battery Lid Dark Bluish Grey · 58135
- 1× Screw 12 × 6 Pan Cruciform Black · u9013
- 2× Technic Axle Towball Light Bluish Grey · 2736



Parts list

1x 11478	Black	Technic Beam 5 × 0.5 Liftarm	2x 85861	Black	Plate 1 × 1 Round with Open
1x 11946	Black	Technic Panel Fairing Smooth	1x 87080	Black	Technic Panel Fairing Smooth
1x 11947	Black	Technic Panel Fairing Smooth	1x 87086	Black	Technic Panel Fairing Smooth
2x 12885	Black	Minifig Paint Roller Brush H	60x 88323	Black	Technic Chain Tread 5 Wide R
8x 15100	Black	Technic Pin with Friction wi	2x 937	Black	Electric Power Functions IR
1x 15458	Black	Technic Panel 3 × 11	1x u9013	Black	Screw 12 × 6 Pan Cruciform
1x 2614	Black	Minifig Tool Fishing Rod	307x u9190	Black	Electric Power Functions 4-W
47x 2780	Black	Technic Pin with Friction an	14x 43093	Blue	Technic Axle Pin with Fricti
4x 32013	Black	Technic Angle Connector #1	18x 6558	Blue	Technic Pin Long with Fricti
8x 32054	Black	Technic Pin Long with Stop B	2x 11946	Dark Azure	Technic Panel Fairing Smooth
2x 32140	Black	Technic Beam 2 × 4 Liftarm B	2x 11947	Dark Azure	Technic Panel Fairing Smooth
4x 32278	Black	Technic Beam 15	1x 2412b	Dark Azure	Tile 1 × 2 Grille with Groov
5x 32524	Black	Technic Beam 7	5x 32316	Dark Azure	Technic Beam 5
4x 32526	Black	Technic Beam 3 × 5 Bent 90	1x 64393	Dark Azure	Technic Panel Fairing Smooth
6x 32580	Black	Technic Axle Flexible 7	1x 64681	Dark Azure	Technic Panel Fairing Smooth
2x 3705	Black	Technic Axle 4	1x 87080	Dark Azure	Technic Panel Fairing Smooth
2x 4081a	Black	Plate 1 × 1 with Clip Light	1x 87086	Dark Azure	Technic Panel Fairing Smooth
3x 42003	Black	Technic Cross Block 1 × 3 (A	3x 58124c01	Dark Bluish Grey	Electric Power Functions Con
12x 52901	Black	=Technic Disc 3 × 3 with Axl	1x 58134	Dark Bluish Grey	Electric Power Functions IR
5x 62462	Black	Technic Pin Joiner Round wit	1x 58135	Dark Bluish Grey	Electric Power Functions IR
2x 63869	Black	Technic Cross Block 3 × 2 (A	2x 59426	Dark Bluish Grey	Technic Axle 5.5 with Stop T
2x 74695	Black	=Technic Beam 2 Liftarm	4x 87083	Dark Bluish Grey	Technic Axle 4 with Stop