

# Buggy

140 LEGO® parts · 63 steps · [dminspired.com/lego](https://dminspired.com/lego)

Adapted from the LDraw OMR model by Max Martin Richter · CC BY 2.0

Source: <https://library.ldraw.org/library/omr/42101-1.mpd>

Licence: <https://creativecommons.org/licenses/by/2.0/>



1

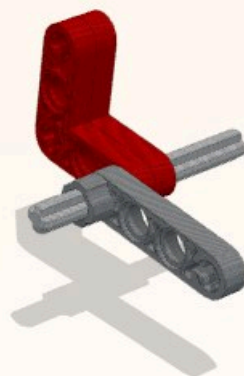
■ 1× Technic Axle 5 Light Bluish Grey · 32073

■ 1× Technic Beam 4 × 0.5 Liftarm with Boss  
Black · 2825



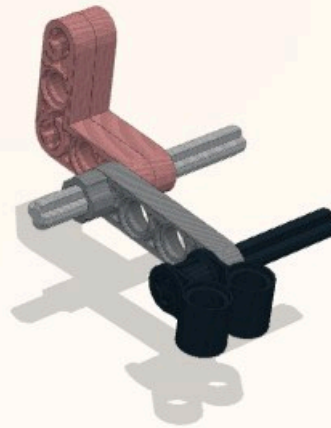
2

■ 2× Technic Beam 3 × 3 × 0.5 Liftarm Bent 90  
Red · 32056



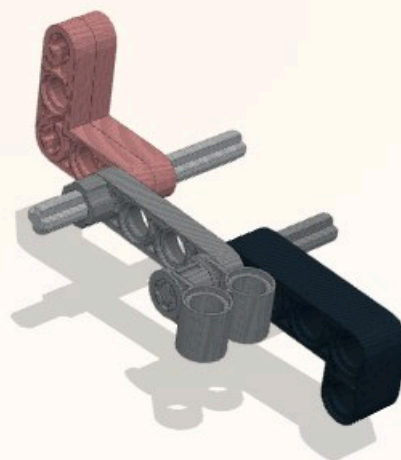
3

- 1× Technic Axle 4 Black · 3705
- 1× Technic Cross Block 2 × 2 (Axle/Twin Pin)  
Black · 32291



4

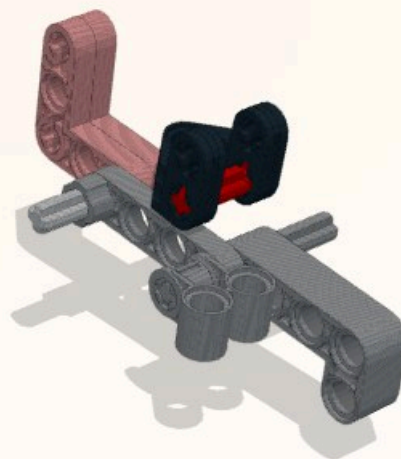
■ 1× Technic Beam 2 × 4 Liftarm Bent 90 Black  
· 32140



5

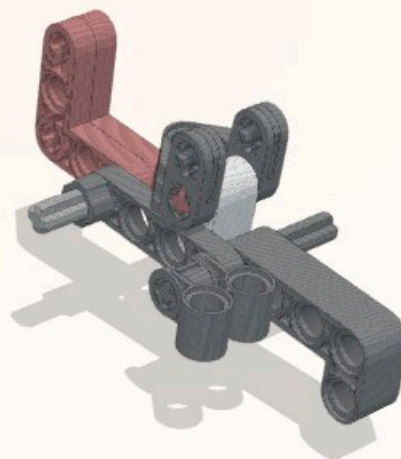
■ 1× Technic Cross Block 2 × 2 × 2 Bent 90 Split  
(Pin/Twin Axle) Black · 92907

■ 1× Technic Axle 2 Notched Red · 32062



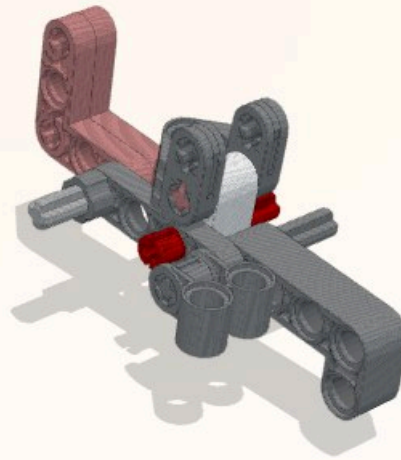
6

☐ 1x Technic Beam 2 Liftarm White · 60483



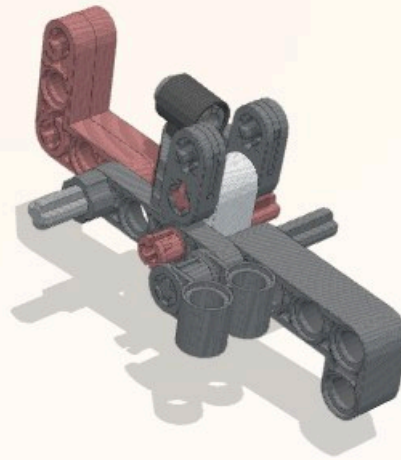
7

■ 1× Technic Axle Pin Long with Friction with 2L  
Pin Red · 11214



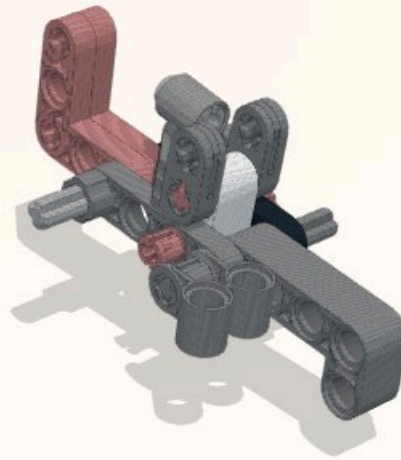
8

- 1× Technic Pin with Friction with Perpendicular Pin Hole Type 1 Dark Bluish Grey · 15100
- 1× Technic Pin 1/2 Light Bluish Grey · 4274



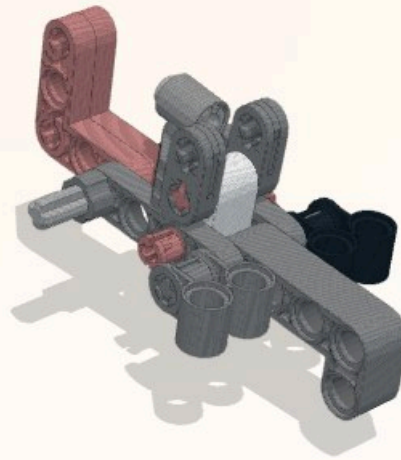
9

■ 1× Technic Beam 4 × 0.5 Liftarm with Boss  
Black · 2825



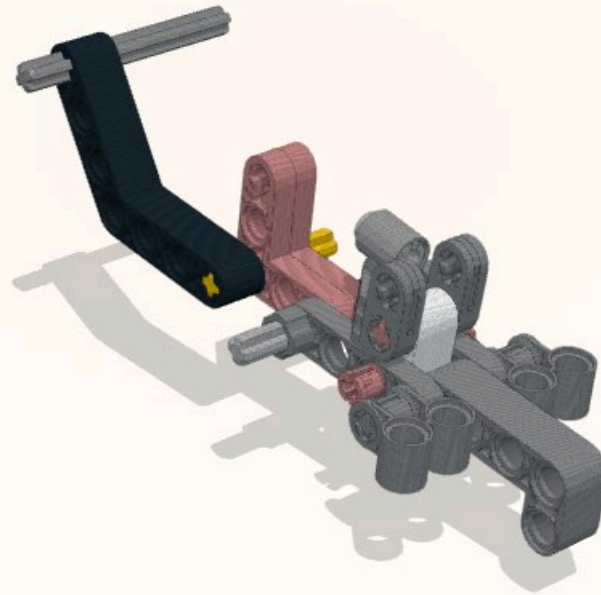
10

■ 1× Technic Cross Block 2 × 2 (Axle/Twin Pin)  
Black · 32291



11

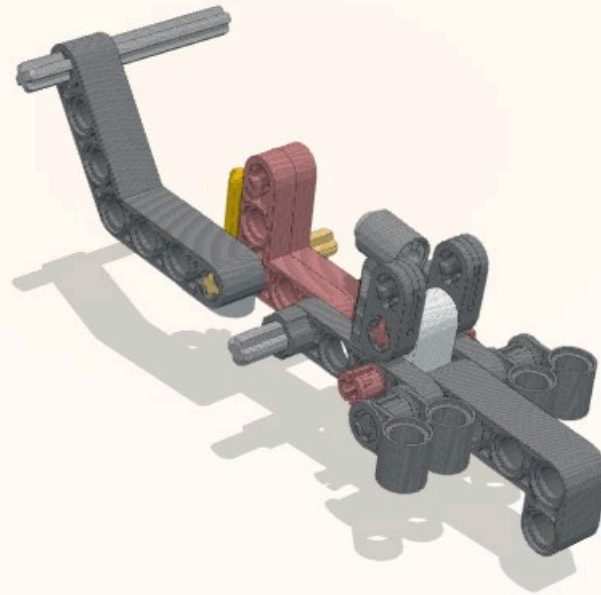
- 1× Technic Beam 4 × 4 Liftarm Bent 53.13  
Black · 32348
- 1× Technic Axle 3 Yellow · 4519
- 1× Technic Axle 5 Light Bluish Grey · 32073



# 12

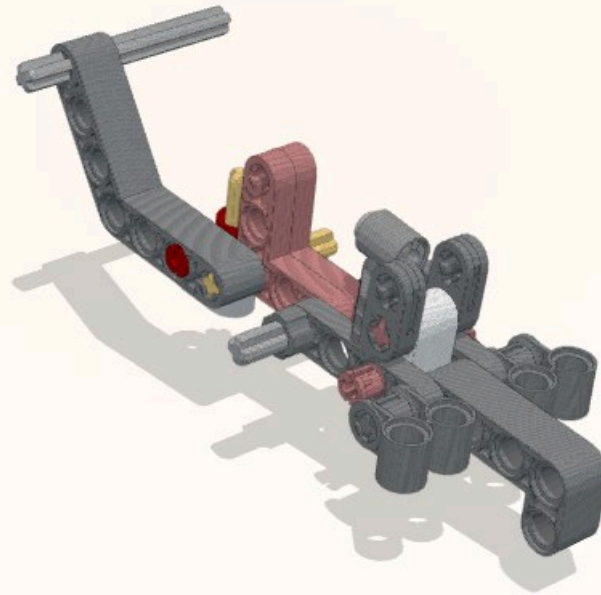
1× Technic Beam 2 Liftarm White · 60483

1× Technic Axle 3 Yellow · 4519



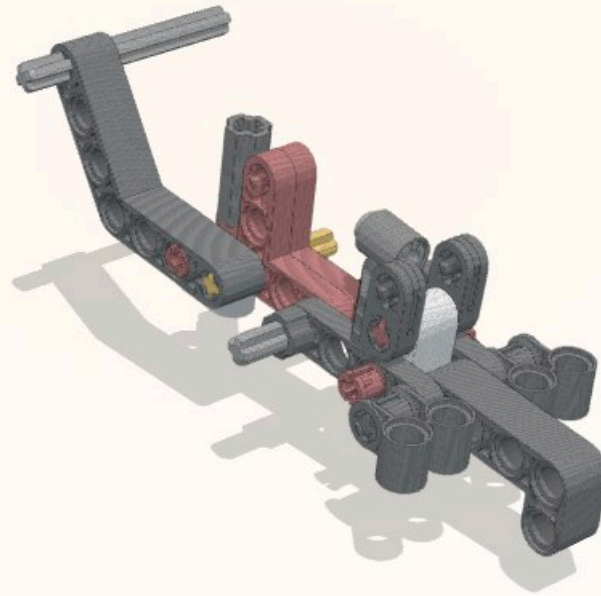
13

- 1x Technic Pin Long with Pin Hole Type 1 Red - 87082



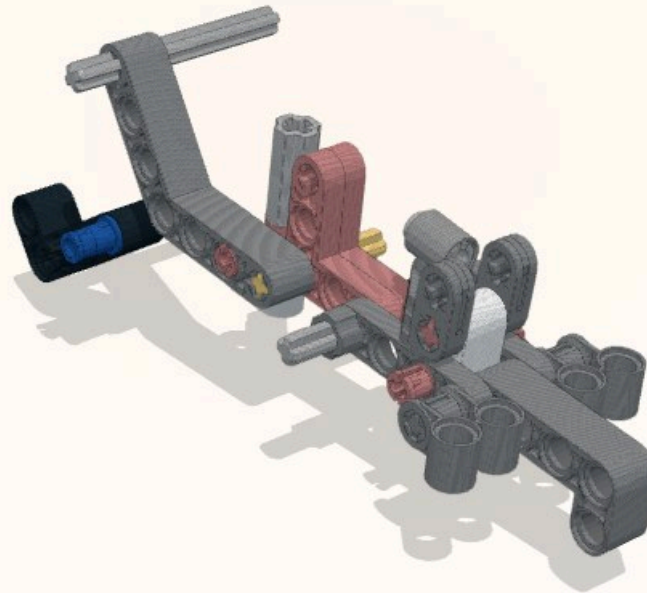
14

■ 1× Technic Axle Joiner Inline Smooth Light  
Bluish Grey · 59443



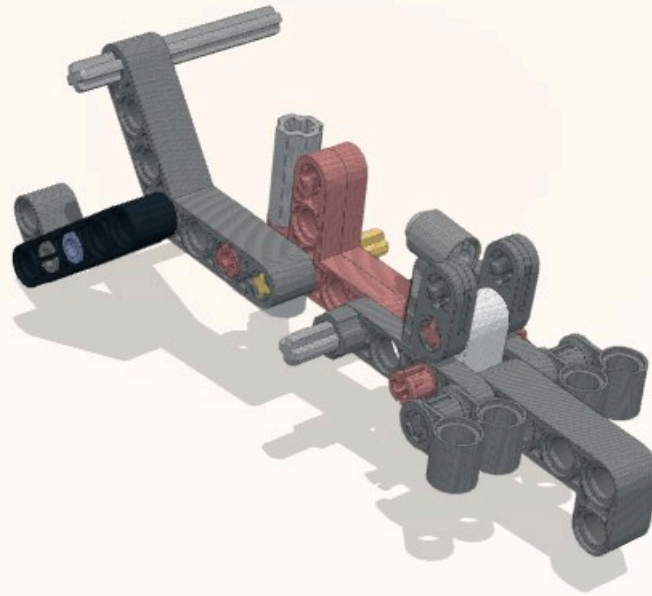
15

- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Pin with Friction and Slots Black · 2780



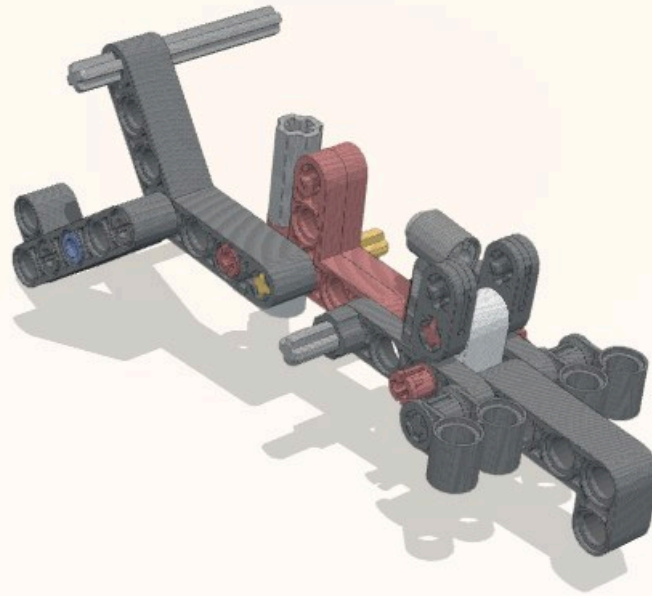
16

■ 1× Technic Beam 5 Black · 32316



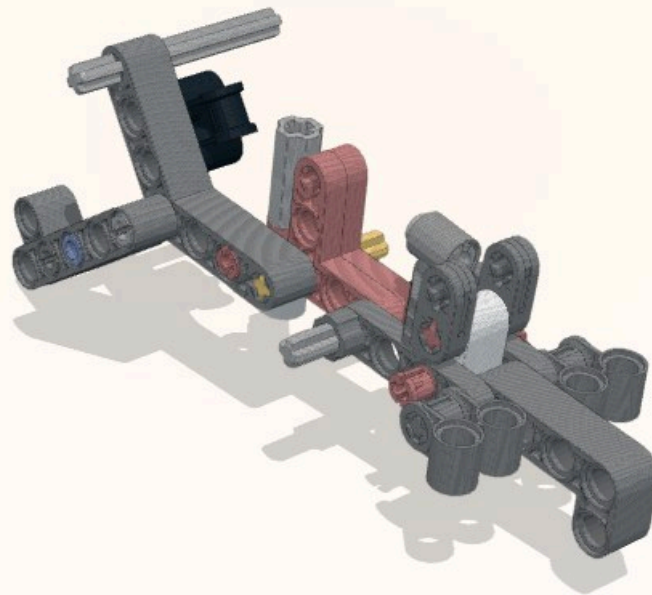
17

■ 1x Technic Pin Light Bluish Grey · 3673



18

■ 1× Technic Cross Block 2 × 2 (Axle/Twin Pin)  
Black · 32291



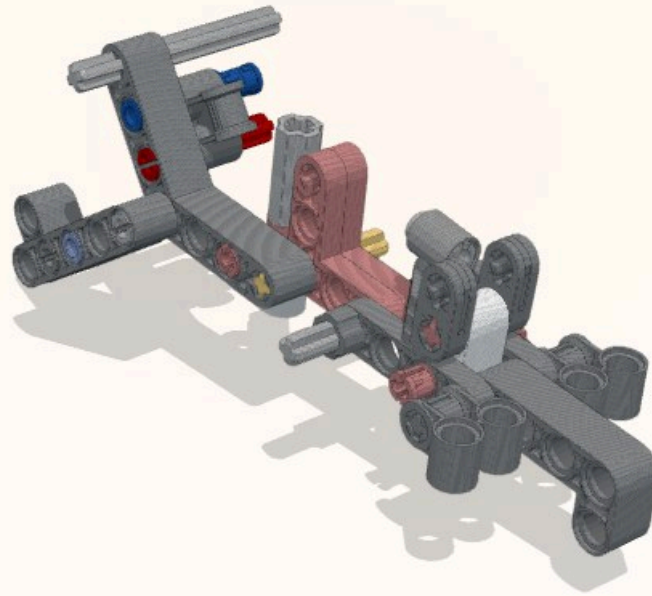
19

■ 1× Technic Pin Long with Friction and Slot

Blue · 6558

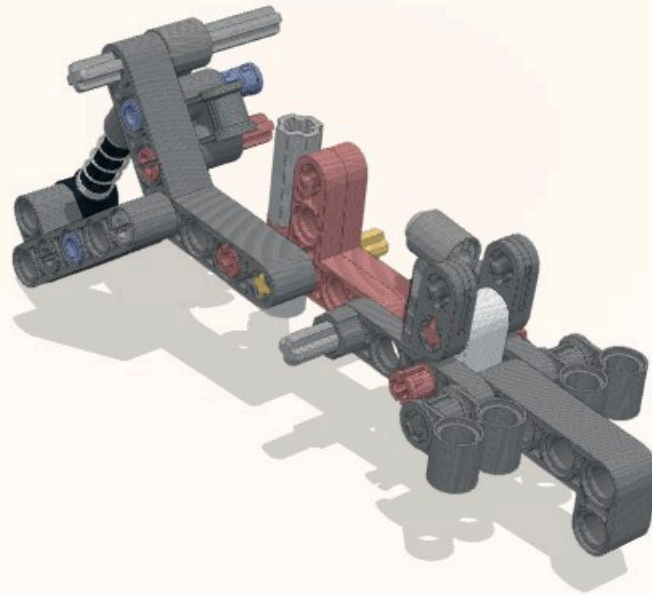
■ 1× Technic Axle Pin Long with Friction with 2L

Pin Red · 11214



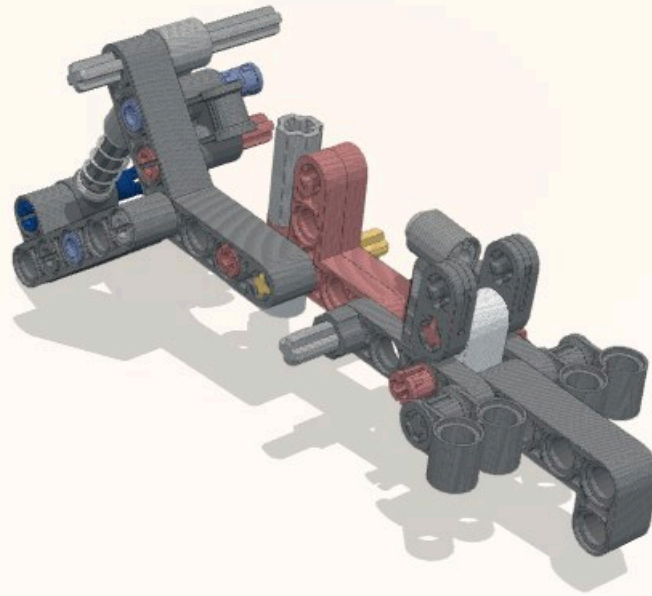
## 20

- 1× Technic Shock Absorber 6.5L Cylinder  
Light Bluish Grey · 4255
- 1× Technic Shock Absorber 6.5L Piston Rod  
Black · 4254
- 1× Spring for Technic Shock Absorber 6.5L  
Stiff Electric Contact Alloy · 71953



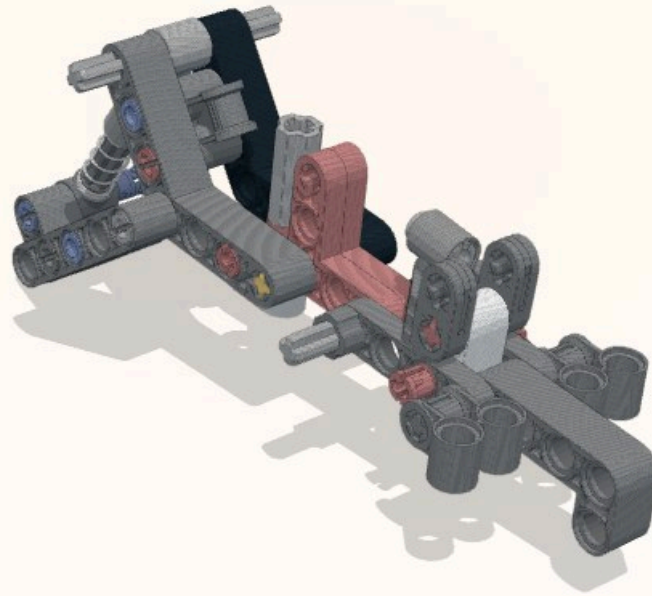
21

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



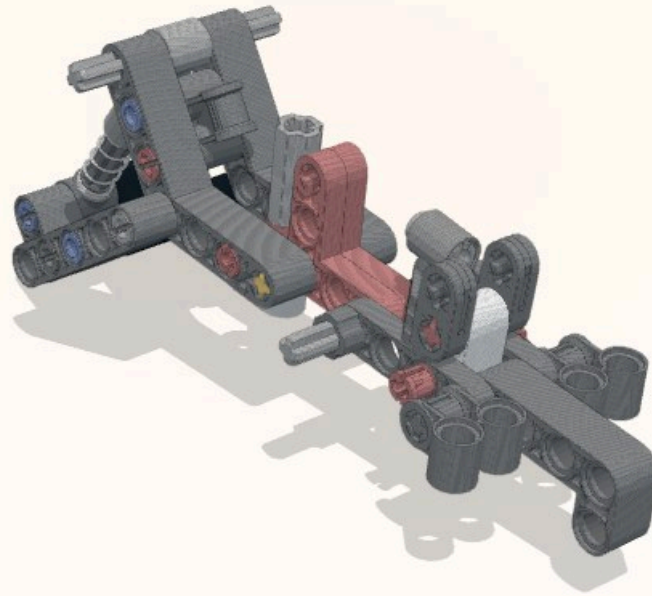
22

■ 1× Technic Beam 4 × 4 Liftarm Bent 53.13  
Black · 32348



# 23

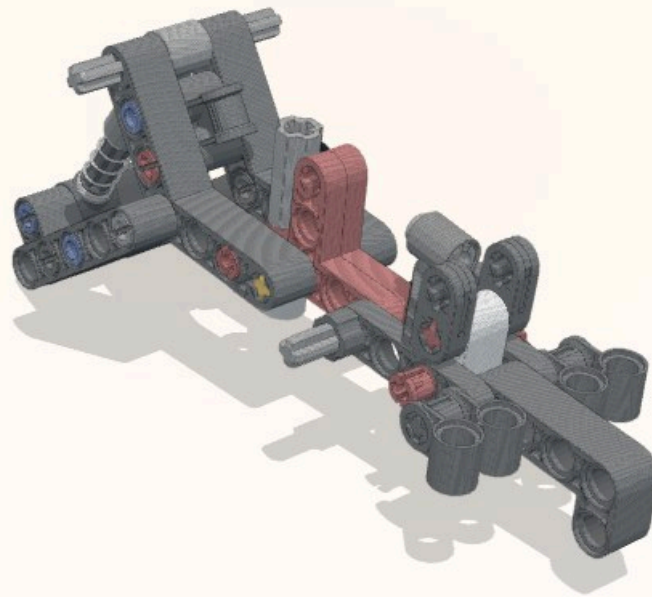
- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140
- 1× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Pin with Friction and Slots Black · 2780



24

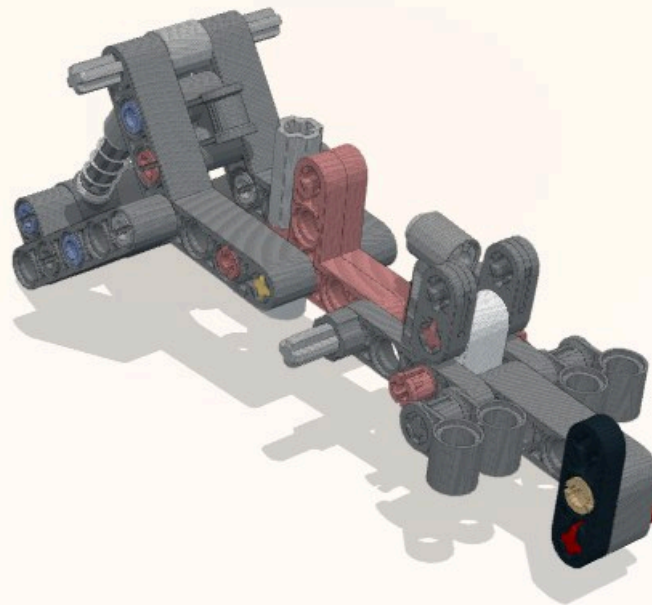
■ 1× Technic Beam 5 Black · 32316

■ 1× Technic Pin Light Bluish Grey · 3673



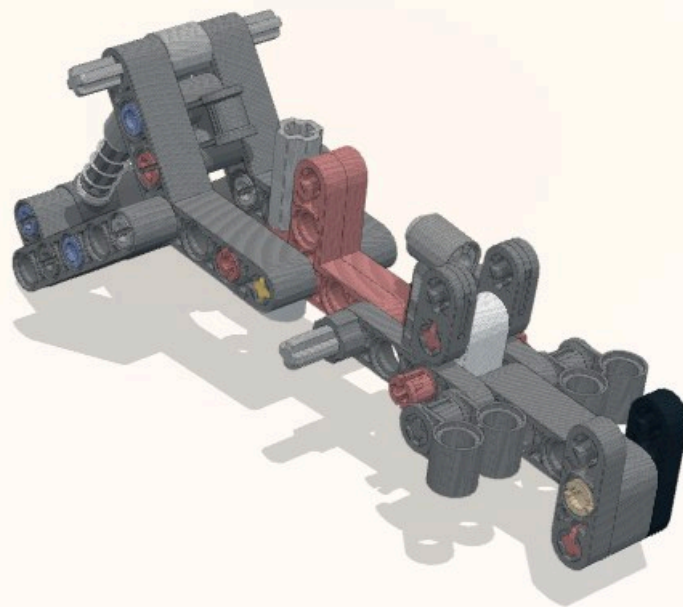
25

- 1× Technic Beam 3 × 0.5 Liftarm Black · 6632
- 1× Technic Pin 3/4 Tan · 32002
- 1× Technic Axle 2 Notched Red · 32062



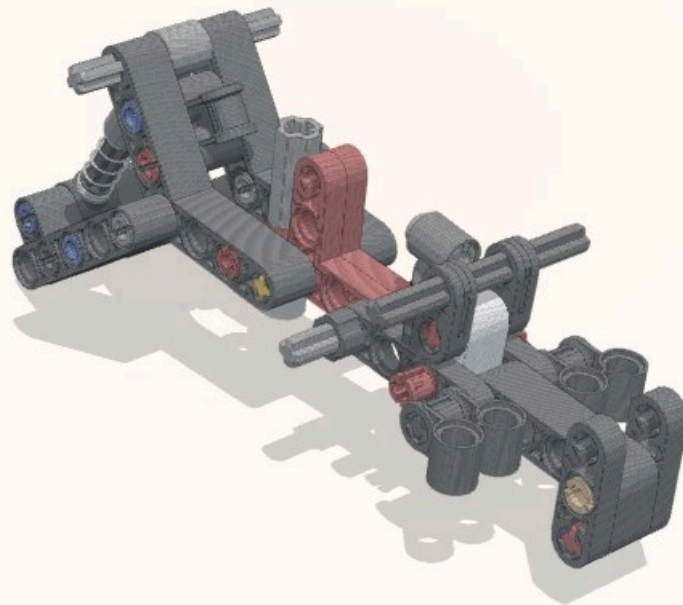
26

■ 1× Technic Beam 3 × 0.5 Liftarm Black · 6632



27

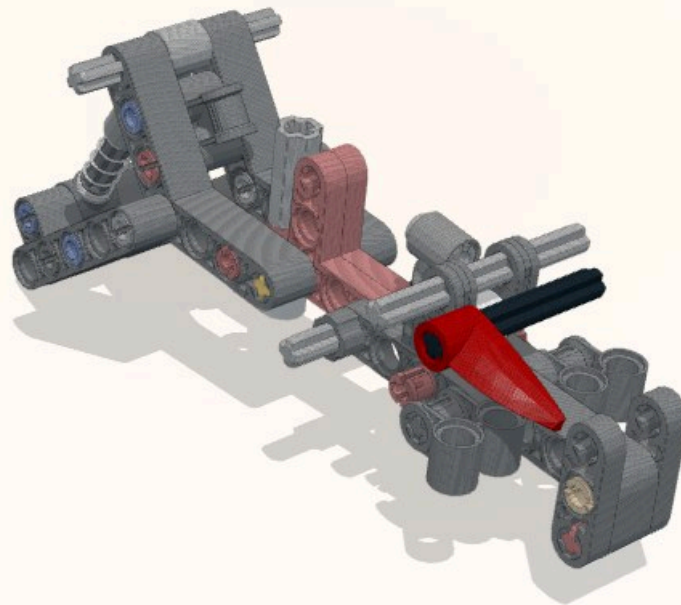
■ 1× Technic Axle 5 Light Bluish Grey · 32073



28

■ 1× Technic Axle 4 Black · 3705

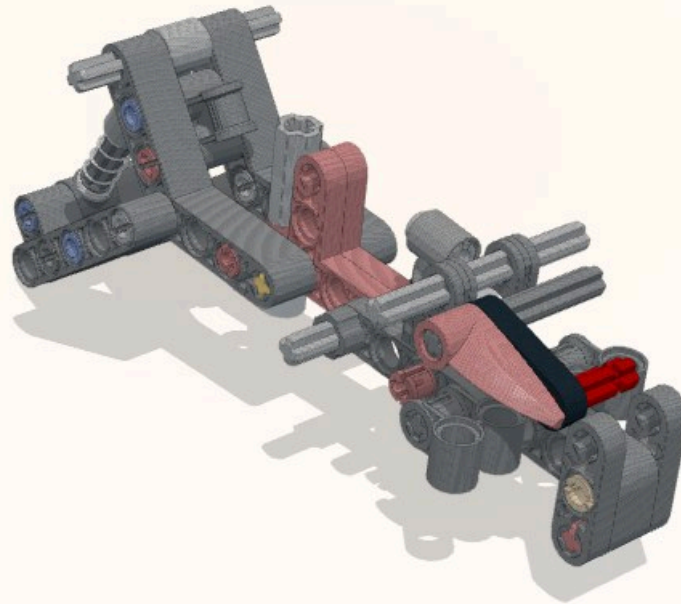
■ 1× Technic Tooth 1 × 3 with Axlehole with  
Straight Bottom Cavity Red · 48267



29

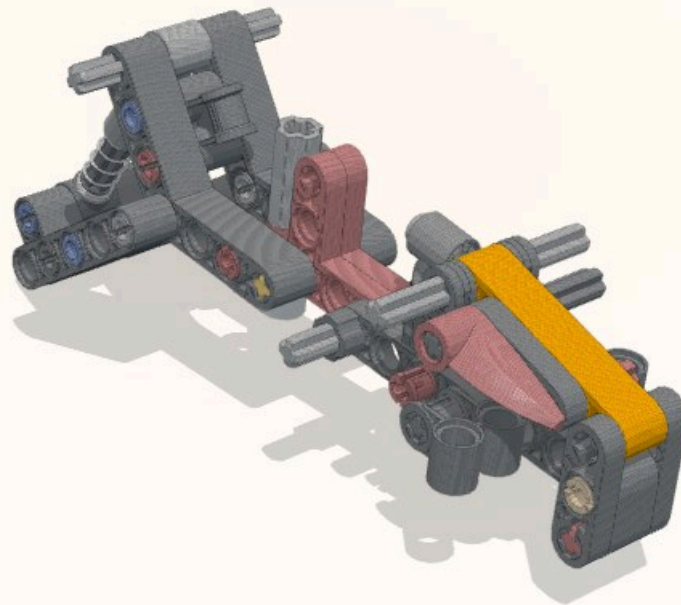
■ 1× Technic Beam 3 × 0.5 Liftarm Black · 6632

■ 1× Technic Axle 2 Notched Red · 32062



30

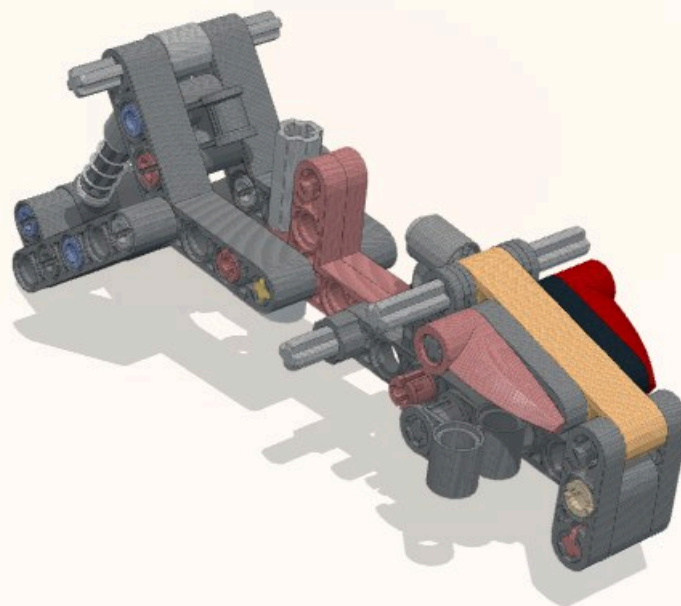
■ 1× Technic Beam 5 Bright Light Orange ·  
32316



31

■ 1× Technic Beam 3 × 0.5 Liftarm Black · 6632

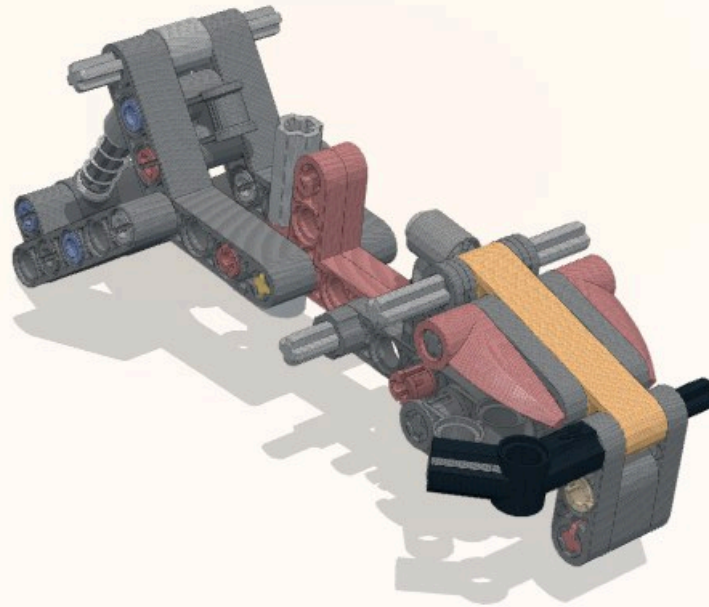
■ 1× Technic Tooth 1 × 3 with Axlehole with  
Straight Bottom Cavity Red · 48267



32

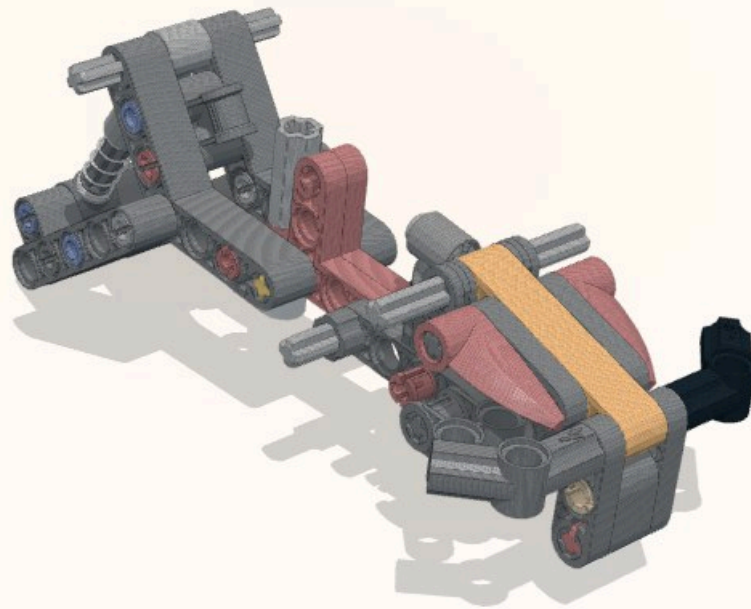
■ 1× Technic Axle 4 Black · 3705

■ 1× Technic Angle Connector #4 (135 degree)  
Black · 32192



33

■ 1× Technic Angle Connector #4 (135 degree)  
Black · 32192



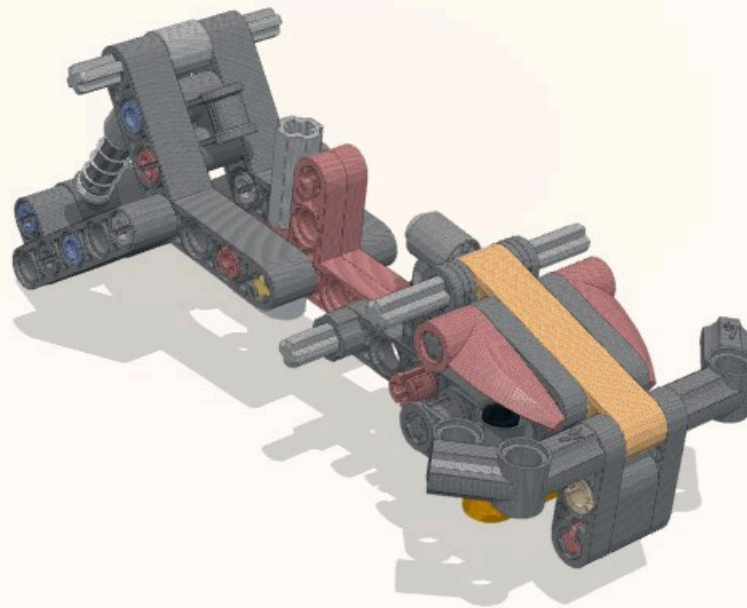
34

■ 1× Technic Beam 3 Bright Light Orange ·

32523

■ 2× Technic Pin with Friction and Slots Black ·

2780

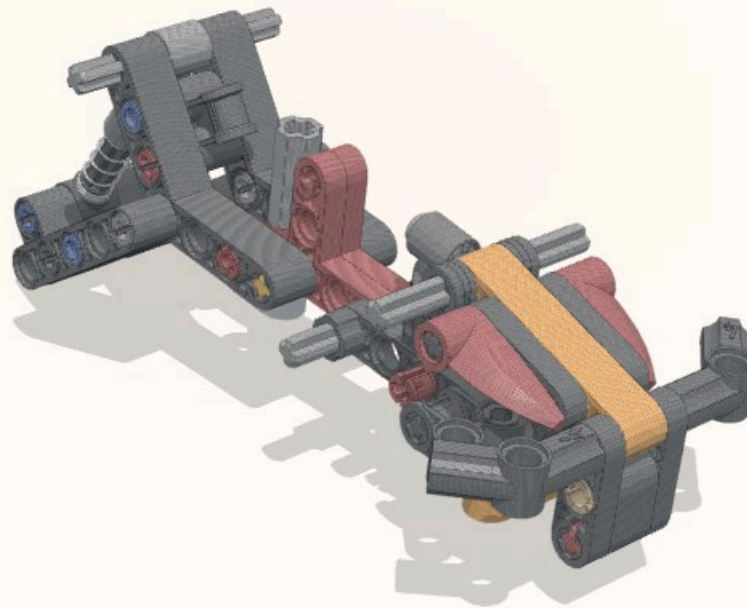


35

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

Light Bluish Grey · 32184

■ 2× Technic Axle Pin Tan · 3749

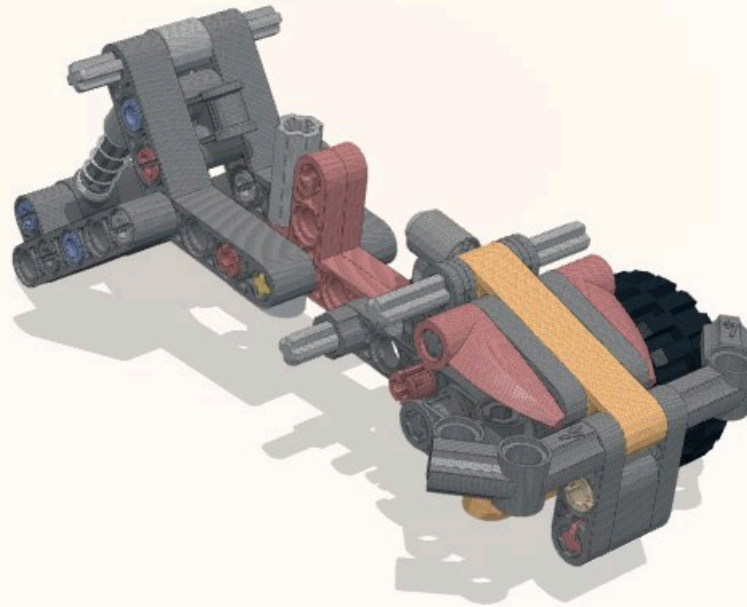


# 36

■ 1× Technic Axle 3 with Stop Reddish Brown ·  
24316

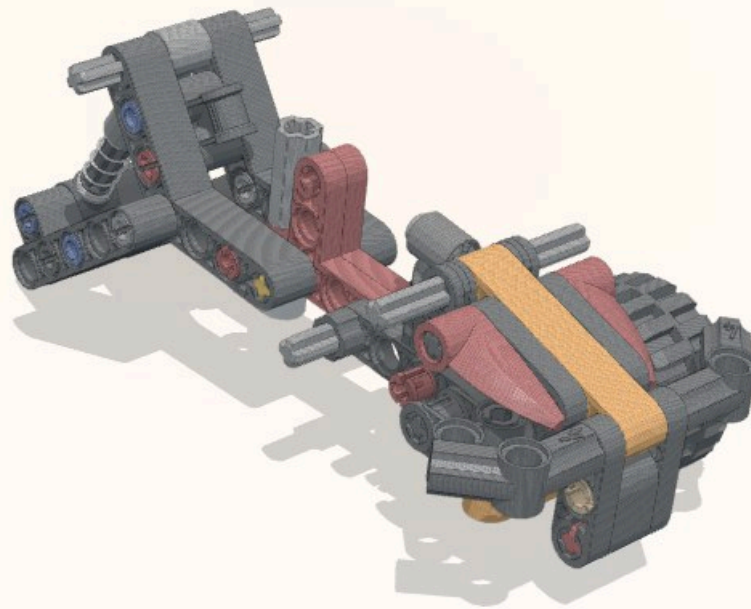
□ 1× Wheel Rim 14 × 18 with Axlehole White ·  
55982

■ 1× Tyre 14/ 50 × 17 with Centre Band Rubber  
Black · 92402



37

■ 1× Technic Bush with Two Flanges Red · 3713

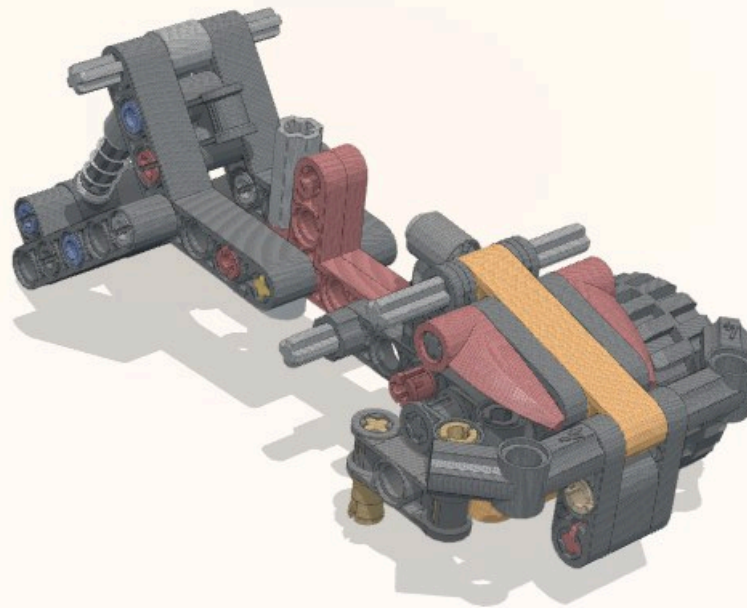


38

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

Light Bluish Grey · 32184

■ 2× Technic Axle Pin Tan · 3749

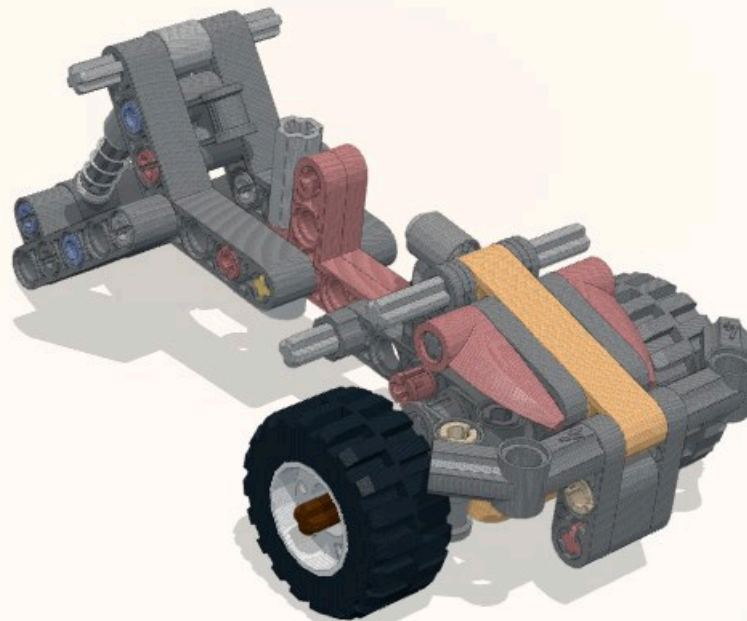


# 39

■ 1× Technic Axle 3 with Stop Reddish Brown ·  
24316

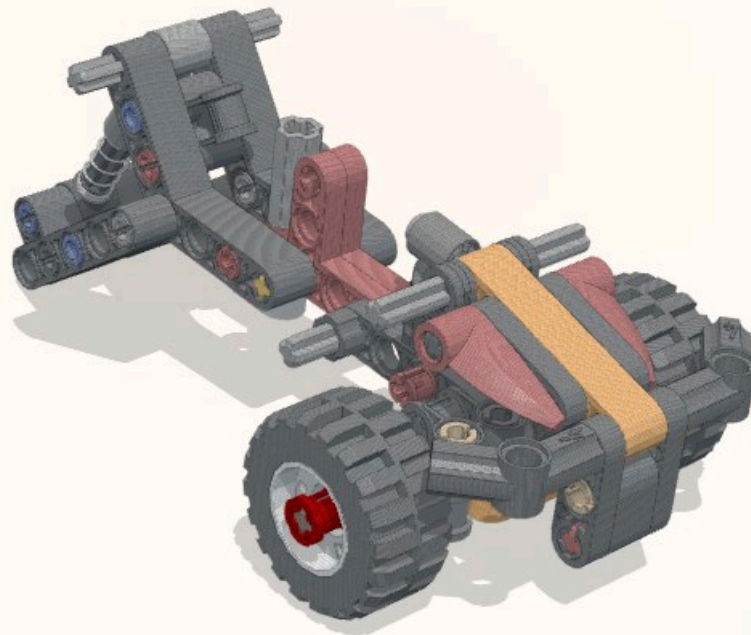
□ 1× Wheel Rim 14 × 18 with Axlehole White ·  
55982

■ 1× Tyre 14/ 50 × 17 with Centre Band Rubber  
Black · 92402



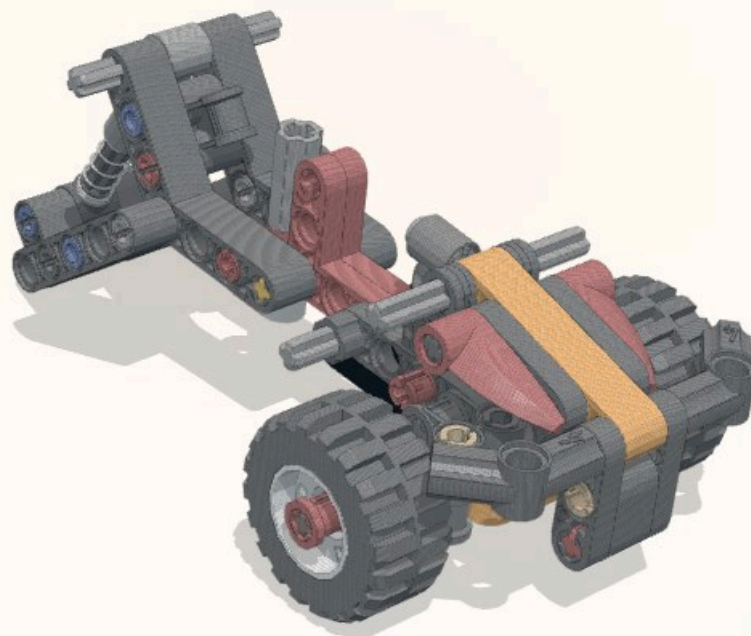
40

■ 1× Technic Bush with Two Flanges Red · 3713



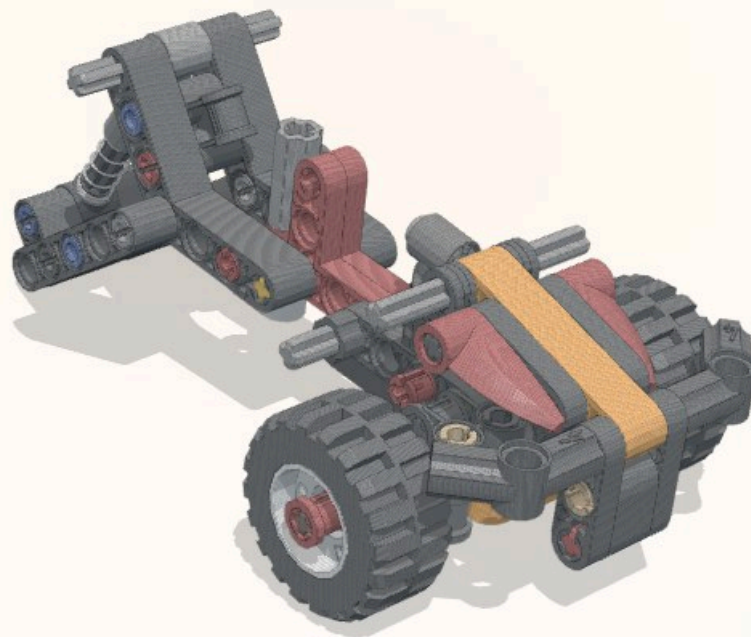
41

- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140
- 2× Technic Pin with Friction and Slots Black · 2780



42

■ 1× Technic Beam 5 Bright Light Orange ·  
32316

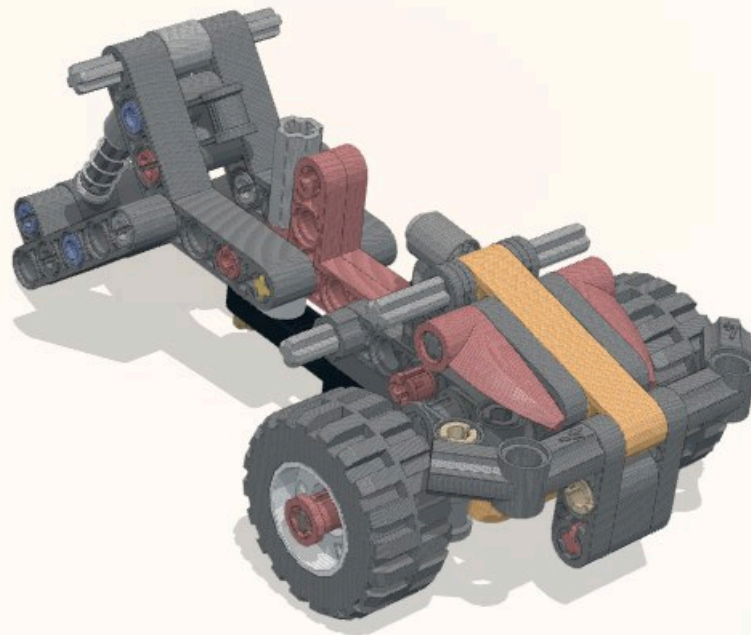


# 43

■ 1× Technic Beam 4 × 0.5 Liftarm with Boss  
Black · 2825

Black · 2825

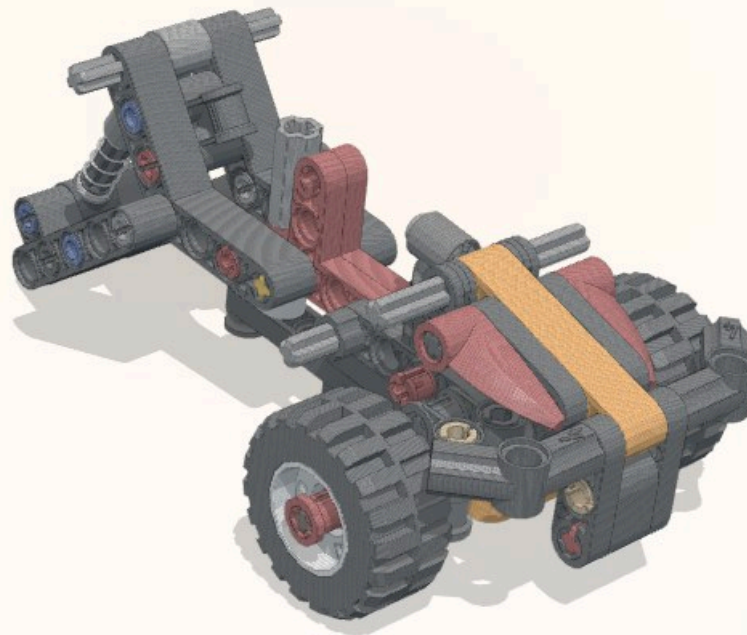
■ 1× Technic Axle Pin Tan · 3749



44

■ 1× Technic Axle 2 Notched Red · 32062

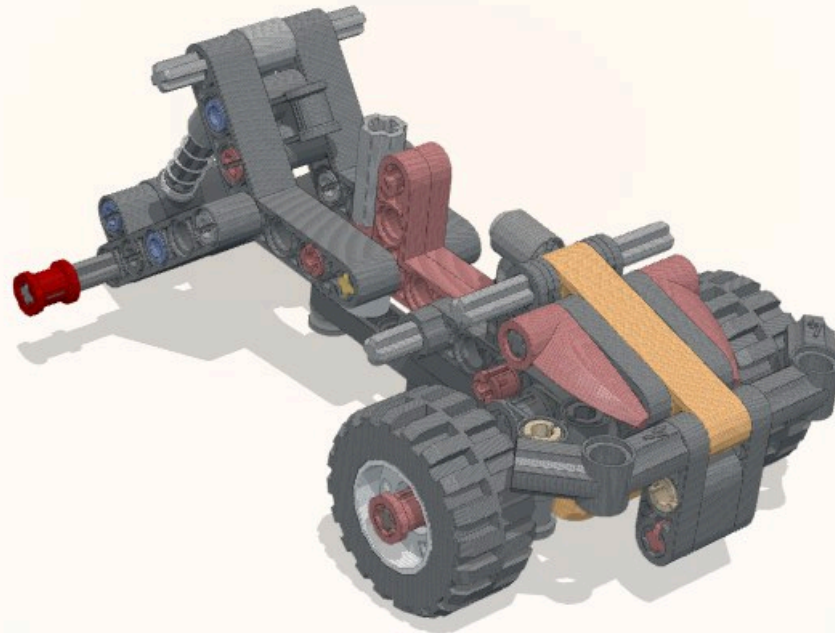
■ 1× Technic Bush 1/2 Smooth with Axle Hole  
Semi-Reduced Light Bluish Grey · 32123b



45

■ 1× Technic Axle 9 Light Bluish Grey · 60485

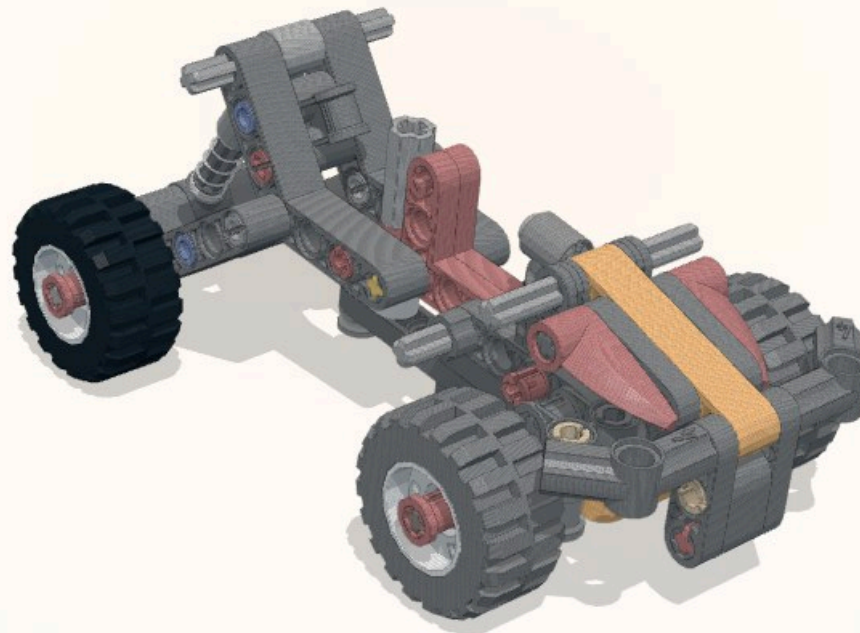
■ 1× Technic Bush with Two Flanges Red · 3713



46

□ 1× Wheel Rim 14 × 18 with Axlehole White ·  
55982

■ 1× Tyre 14/ 50 × 17 with Centre Band Rubber  
Black · 92402

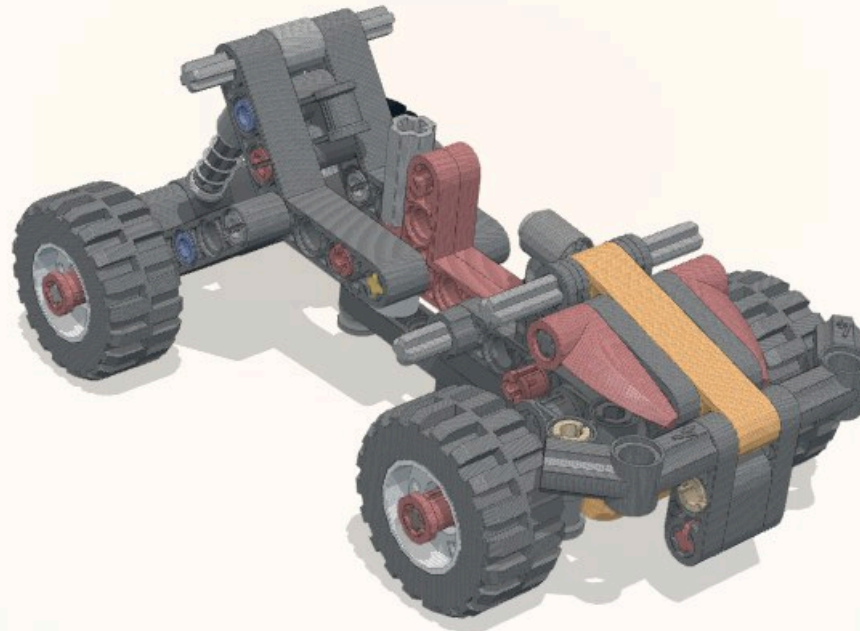


47

■ 1× Technic Bush with Two Flanges Red · 3713

□ 1× Wheel Rim 14 × 18 with Axlehole White · 55982

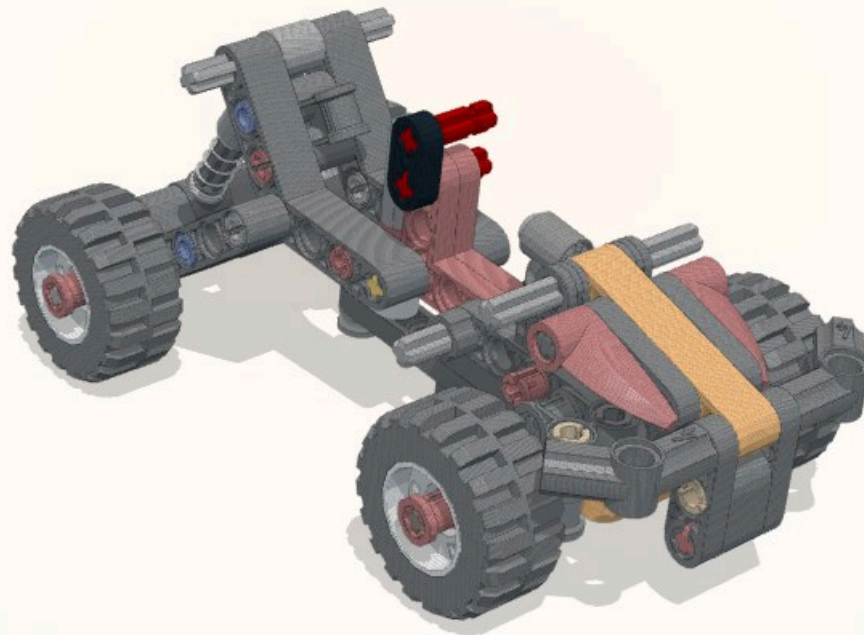
■ 1× Tyre 14/ 50 × 17 with Centre Band Rubber Black · 92402



48

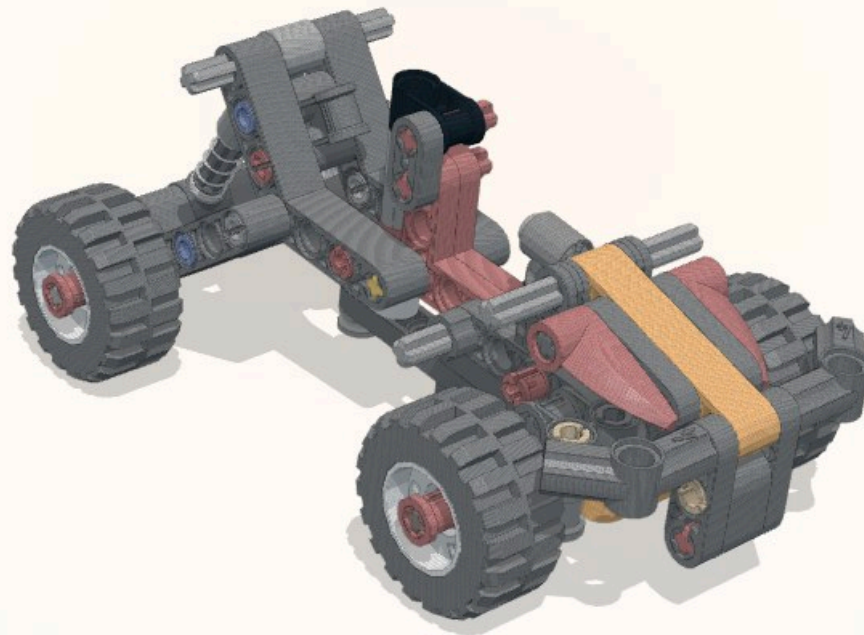
■ 1× Technic Beam 2 × 0.5 Liftarm Black · 41677

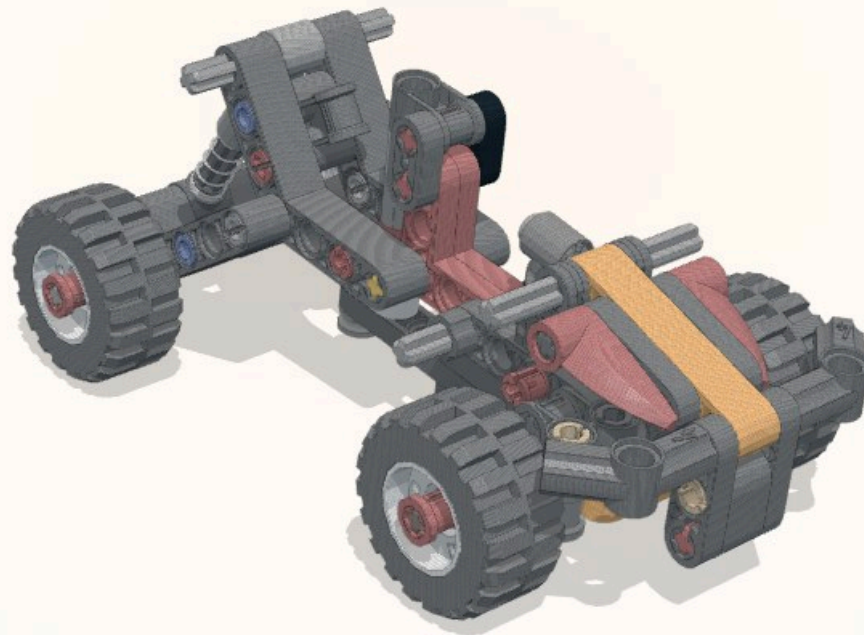
■ 2× Technic Axle 2 Notched Red · 32062



49

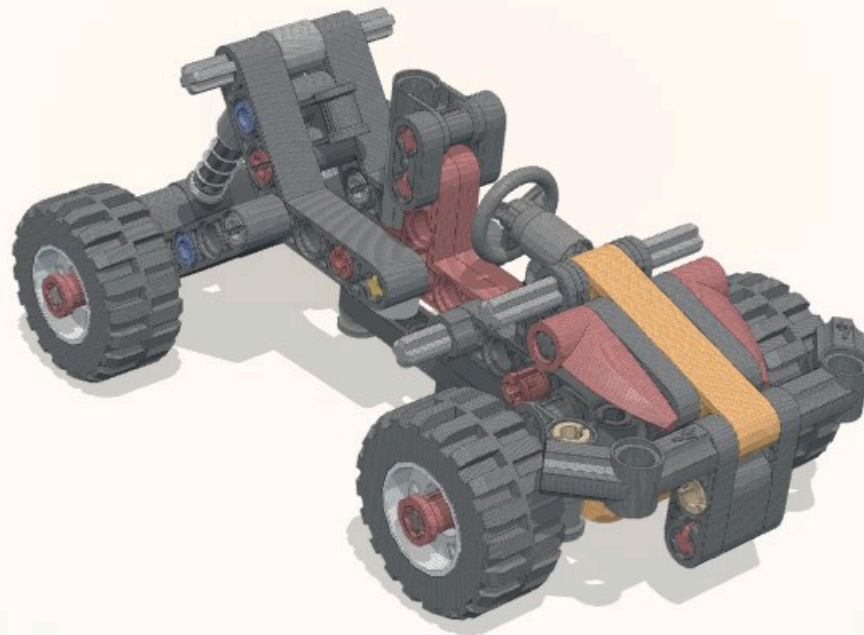
■ 1× Technic Cross Block 1 × 2 (Axle/Pin) Black  
· 6536



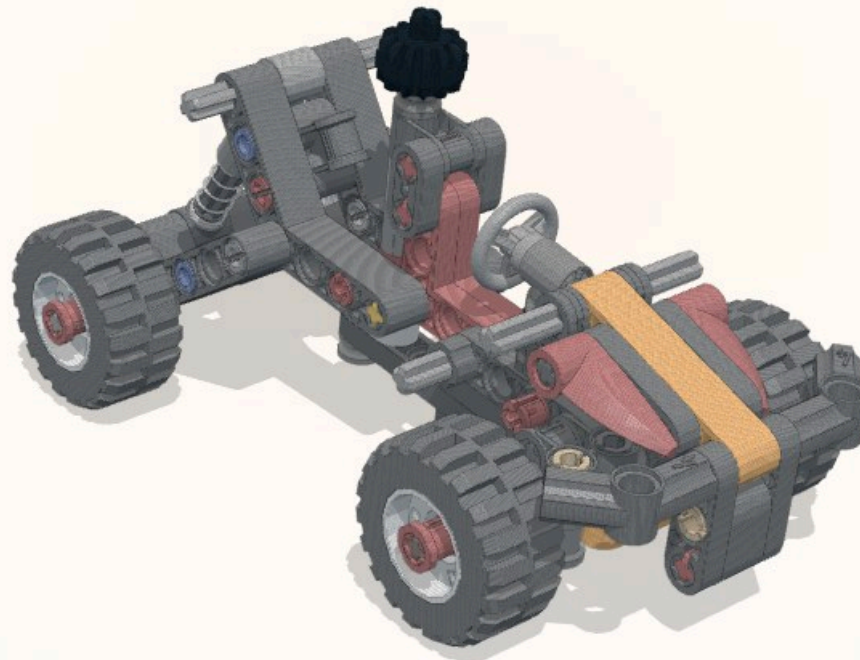


51

■ 1× Car Steering Wheel 2L Reinforced Light  
Bluish Grey · 16091

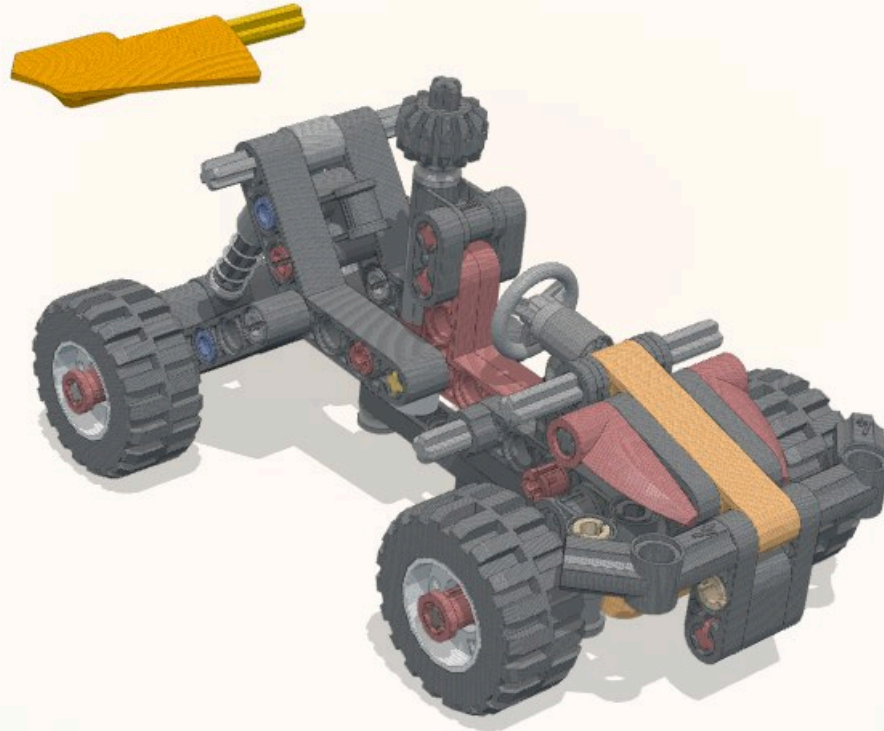


- 1× Technic Axle 4 Black · 3705
- 1× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Light Bluish Grey · 32123b
- 1× Technic Gear 12 Tooth Double Bevel Black · 32270



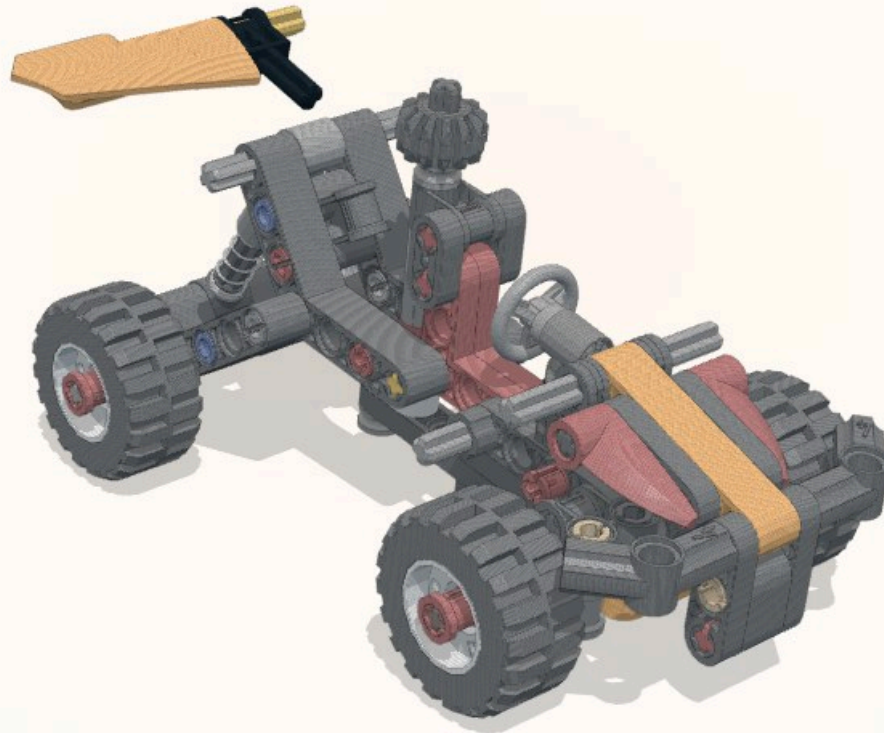
53

- 1× Technic Axle 3 Yellow · 4519
- 1× Technic Panel Faring Smooth #22 (Thin Short) Bright Light Orange · 11947



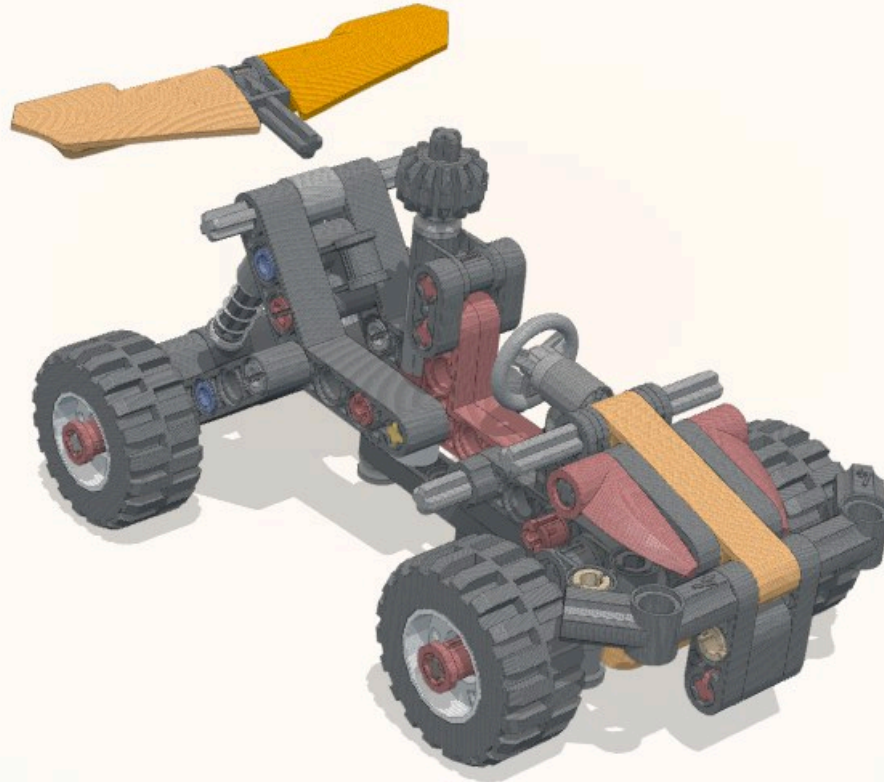
54

■ 1× Technic Connector (Axle) with Axle 1.5  
Black · 6553



55

■ 1× Technic Panel Fairing Smooth #21 (Thin Short) Bright Light Orange · 11946

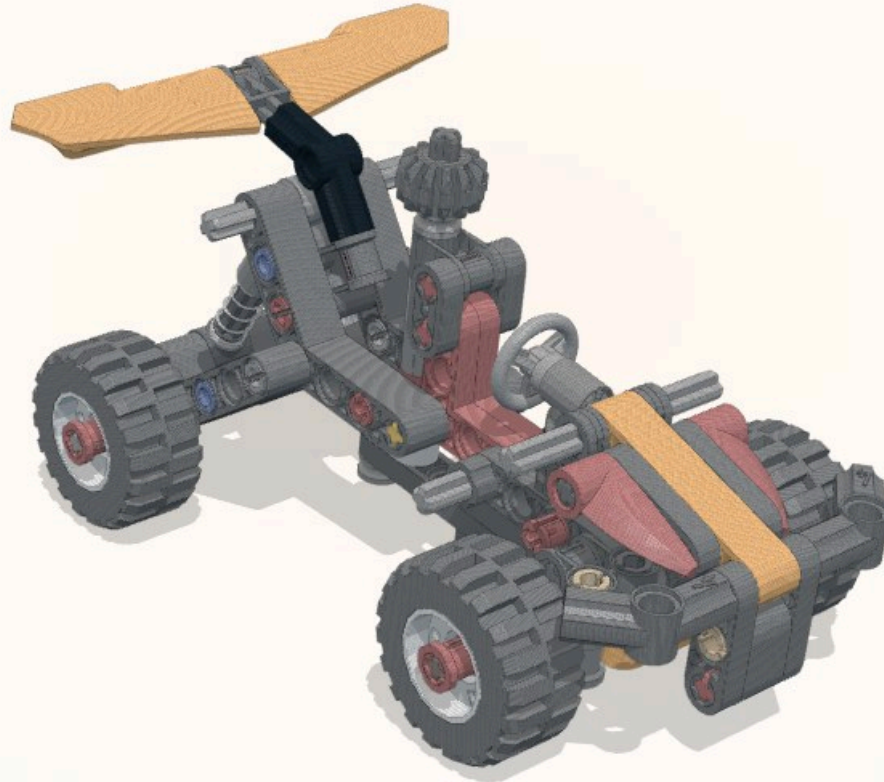


56

■ 1× Technic Angle Connector #4 (135 degree)

Black · 32192

■ 1× Technic Axle 2 Notched Red · 32062

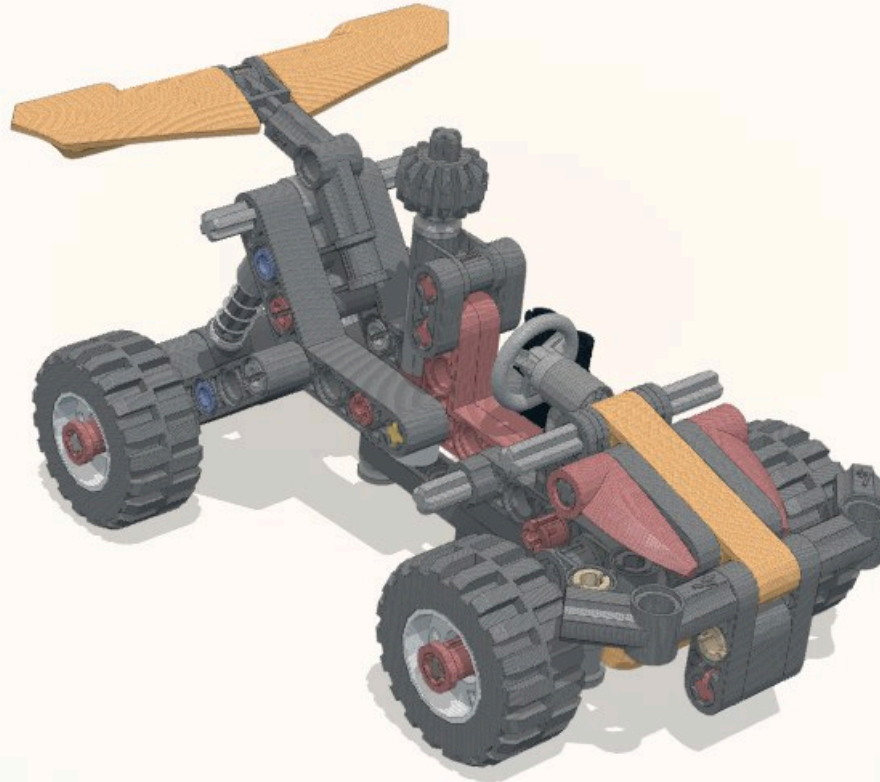


57

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

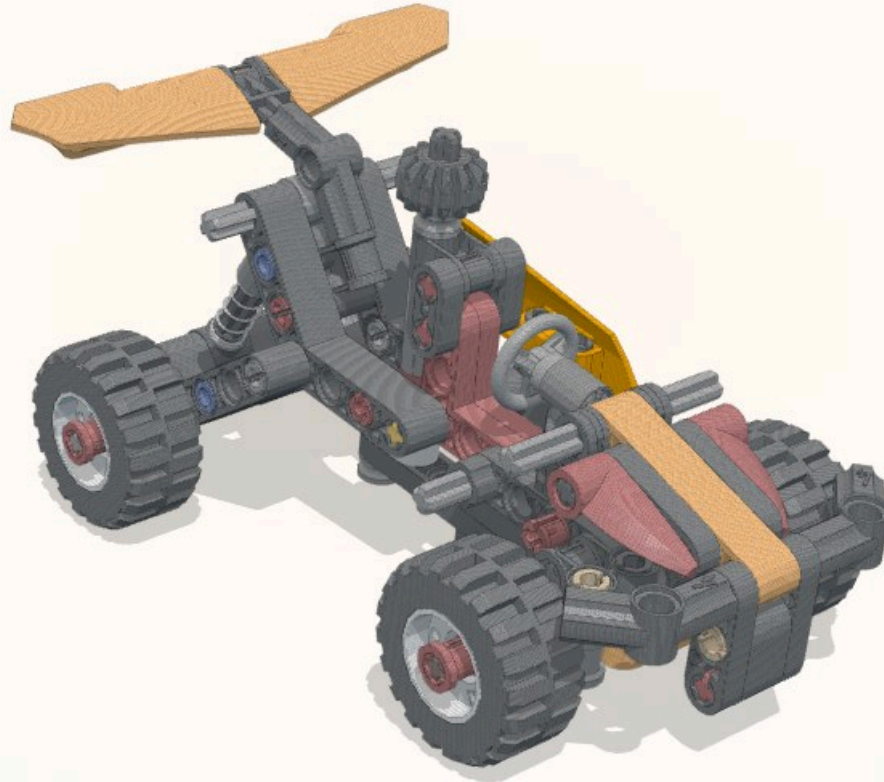
Black · 42003

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



58

■ 1× Technic Panel Fairing Smooth #21 (Thin Short) Bright Light Orange · 11946

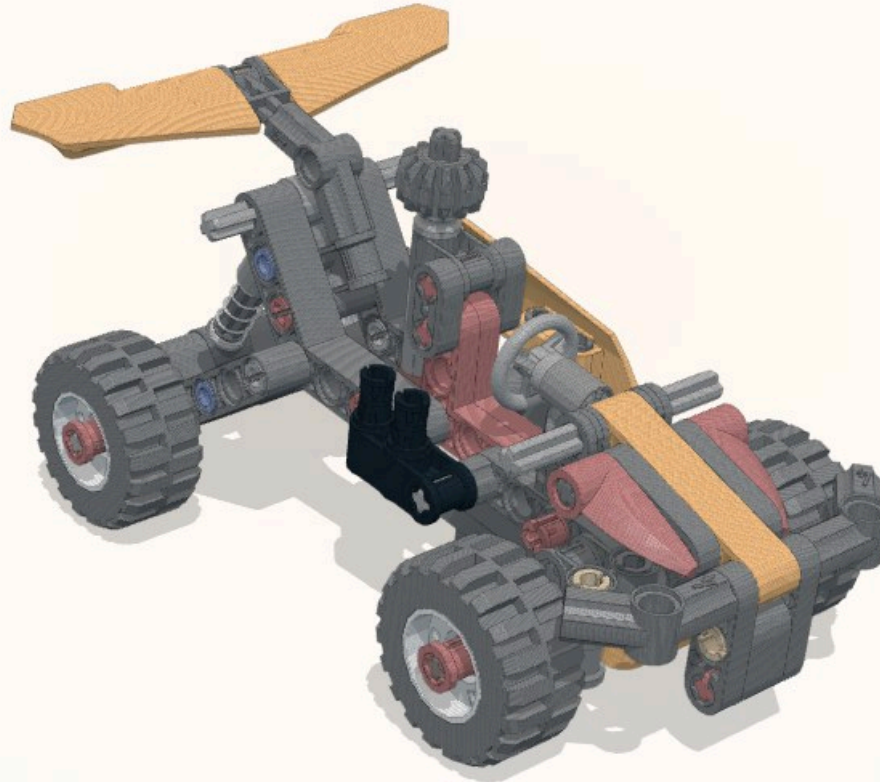


59

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

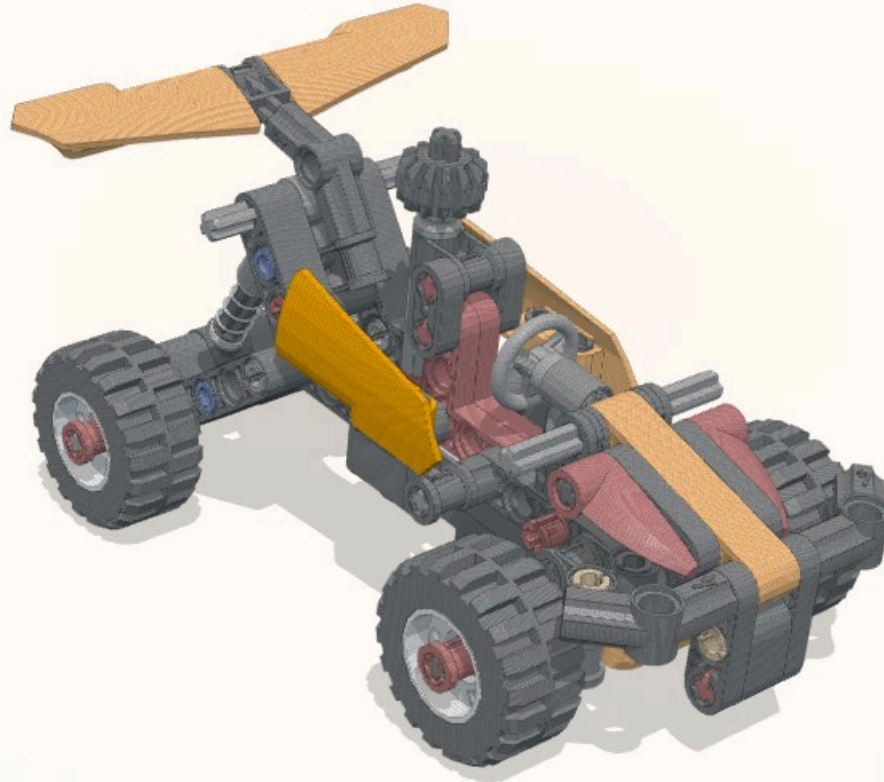
Black · 42003

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



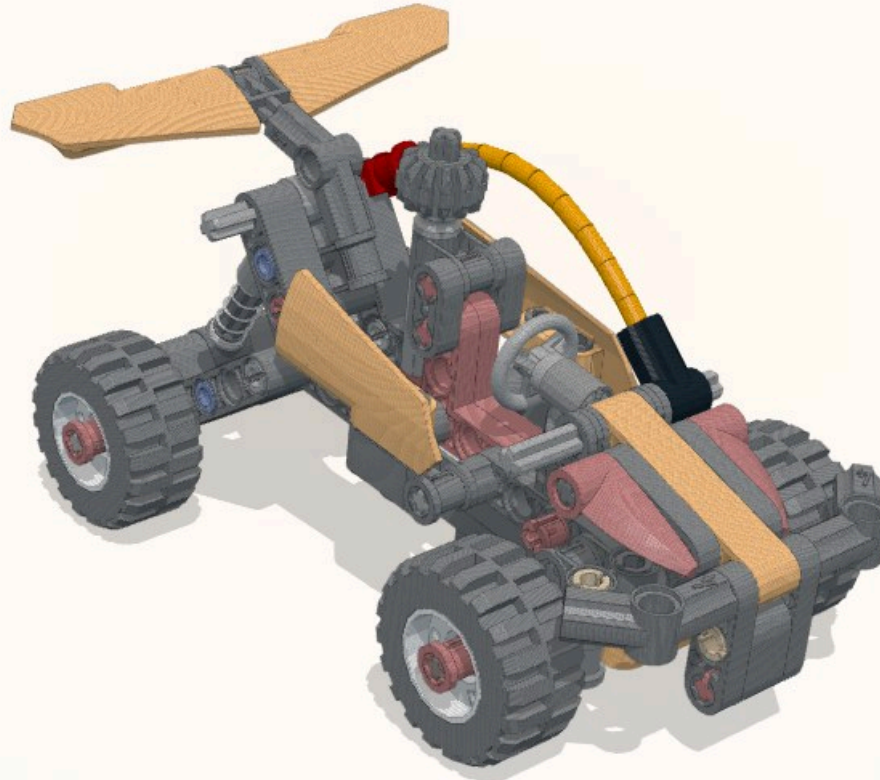
60

■ 1× Technic Panel Fairing Smooth #22 (Thin Short) Bright Light Orange · 11947



61

- 1× Technic Angle Connector #1 Black · 32013
- 1× Technic Connector (Axle/Bush) Type 1 Red · 32039
- 12× Technic Flex-System Hose Segment Bright Light Orange · 77

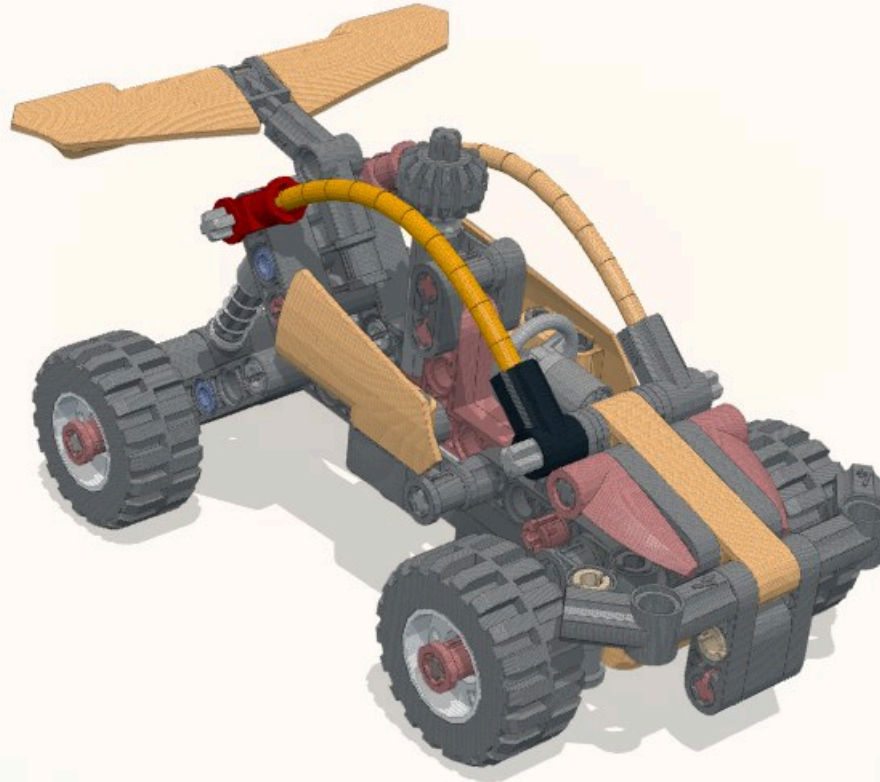


62

■ 1× Technic Angle Connector #1 Black · 32013

■ 1× Technic Connector (Axle/Bush) Type 1  
Red · 32039

■ 12× Technic Flex-System Hose Segment  
Bright Light Orange · 77



63

■ 2× Technic Bush 1/2 Smooth with Axle Hole  
Semi-Reduced Light Bluish Grey · 32123b



# Parts list

|          |                     |                              |           |                                                     |
|----------|---------------------|------------------------------|-----------|-----------------------------------------------------|
| 10x 2780 | Black               | Technic Pin with Friction an | 1x 32523  | Bright Light Orange Technic Beam 3                  |
| 3x 2825  | Black               | Technic Beam 4 × 0.5 Liftarm | 24x 77    | Bright Light Orange Technic Flex-System Hose Seg    |
| 2x 32013 | Black               | Technic Angle Connector #1   | 1x 15100  | Dark Bluish Grey Technic Pin with Friction wi       |
| 4x 32140 | Black               | Technic Beam 2 × 4 Liftarm B | 1x 71953  | Electric Contact Alloy Spring for Technic Shock Abs |
| 3x 32192 | Black               | Technic Angle Connector #4 ( | 1x 16091  | Light Bluish Grey Car Steering Wheel 2L Reinfo      |
| 1x 32270 | Black               | Technic Gear 12 Tooth Double | 3x 32073  | Light Bluish Grey Technic Axle 5                    |
| 3x 32291 | Black               | Technic Cross Block 2 × 2 (A | 4x 32123b | Light Bluish Grey Technic Bush 1/2 Smooth with      |
| 2x 32316 | Black               | Technic Beam 5               | 2x 32184  | Light Bluish Grey Technic Cross Block 1 × 3 (A      |
| 2x 32348 | Black               | Technic Beam 4 × 4 Liftarm B | 2x 3673   | Light Bluish Grey Technic Pin                       |
| 4x 3705  | Black               | Technic Axle 4               | 1x 4255   | Light Bluish Grey Technic Shock Absorber 6.5L       |
| 2x 41677 | Black               | Technic Beam 2 × 0.5 Liftarm | 1x 4274   | Light Bluish Grey Technic Pin 1/2                   |
| 2x 42003 | Black               | Technic Cross Block 1 × 3 (A | 1x 59443  | Light Bluish Grey Technic Axle Joiner Inline S      |
| 1x 4254  | Black               | Technic Shock Absorber 6.5L  | 1x 60485  | Light Bluish Grey Technic Axle 9                    |
| 1x 6536  | Black               | Technic Cross Block 1 × 2 (A | 2x 11214  | Red Technic Axle Pin Long with F                    |
| 1x 6553  | Black               | Technic Connector (Axle) wit | 2x 32039  | Red Technic Connector (Axle/Bush                    |
| 4x 6632  | Black               | Technic Beam 3 × 0.5 Liftarm | 2x 32056  | Red Technic Beam 3 × 3 × 0.5 Lif                    |
| 1x 92907 | Black               | Technic Cross Block 2 × 2 ×  | 7x 32062  | Red Technic Axle 2 Notched                          |
| 2x 43093 | Blue                | Technic Axle Pin with Fricti | 4x 3713   | Red Technic Bush with Two Flange                    |
| 2x 6558  | Blue                | Technic Pin Long with Fricti | 2x 48267  | Red Technic Tooth 1 × 3 with Axl                    |
| 2x 11946 | Bright Light Orange | Technic Panel Fairing Smooth | 1x 87082  | Red Technic Pin Long with Pin Ho                    |
| 2x 11947 | Bright Light Orange | Technic Panel Fairing Smooth | 2x 24316  | Reddish Brown Technic Axle 3 with Stop              |
| 2x 32316 | Bright Light Orange | Technic Beam 5               | 4x 92402  | Rubber Black Tyre 14/ 50 × 17 with Centre           |