

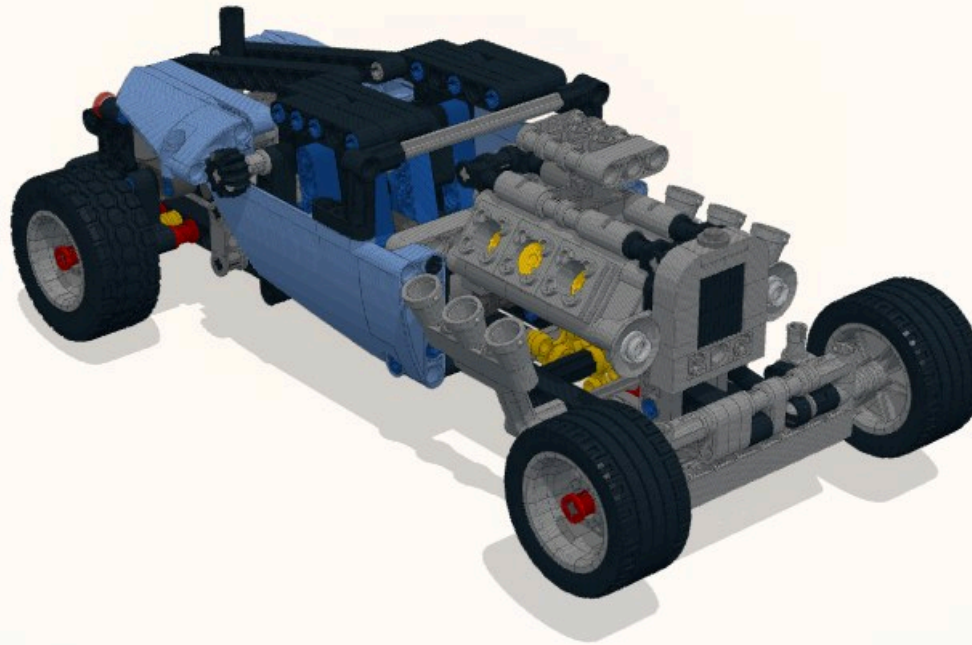
Hot Rod

413 LEGO® parts · 27 steps · dminspired.com/lego

Adapted from the LDraw OMR model by Faramond Florent · CC BY 2.0

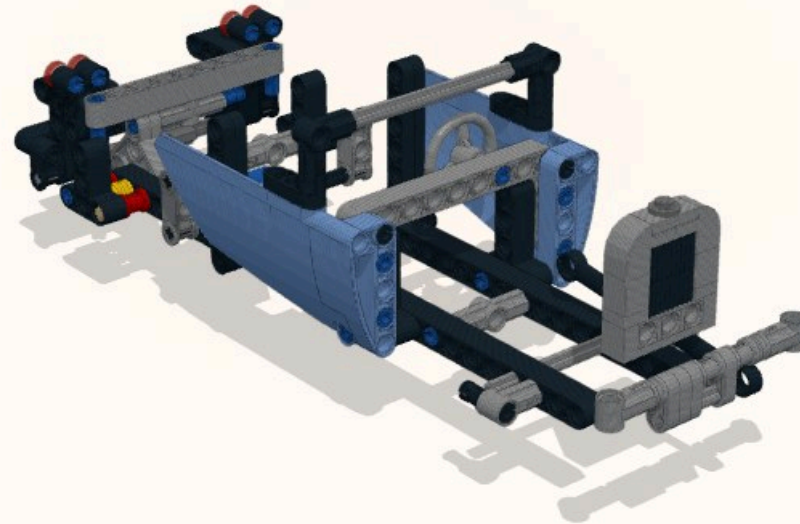
Source: <https://library.ldraw.org/library/omr/42022-1.mpd>

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1

- 1× Technic Axle 4 with Middle Cylindrical Stop Tan · 99008
- 2× Technic Beam 5 × 3 × 0.5 Liftarm Triangle Type 2 Light Bluish Grey · 99773
- 3× Technic Beam 15 Black · 32278
- 23× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Yellow · 32123b
- 1× Technic Pin Long with Stop Bush Red · 32054
- 1× Technic Bush with Two Flanges Red · 3713
- 12× Technic Axle Pin with Friction Blue · 43093
- 1× Technic Beam 3 × 5 Bent 90 Blue · 32526
- 1× Technic Axle Pin Tan · 3749
- 1× Technic Gear 20 Tooth Double Bevel Black · 32269
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 5× Technic Angle Connector #2 (180 degree) Light Bluish Grey · 32034
- 2× Technic Axle 5 Light Bluish Grey · 32073
- 4× Technic Axle 4 Black · 3705
- 4× Technic Angle Connector #1 Light Bluish Grey · 32013
- 2× Technic Axle 7 Light Bluish Grey · 44294
- 3× Technic Axle 3 Light Bluish Grey · 4519
- 4× Technic Beam 2 × 0.5 Liftarm Light Bluish Grey · 41677
- 2× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Light Bluish Grey · 32123b
- 2× Technic Bush with Two Flanges Light Bluish Grey · 3713
- 2× Technic Beam 3 × 3 T-shaped Black · 60484
- 1× Technic Steering Link 9L Black · 32293
- 2× Technic Beam 9 Light Bluish Grey · 40490
- 4× Technic Cross Block 1 × 2 (Axle/Pin) Black · 6536



2

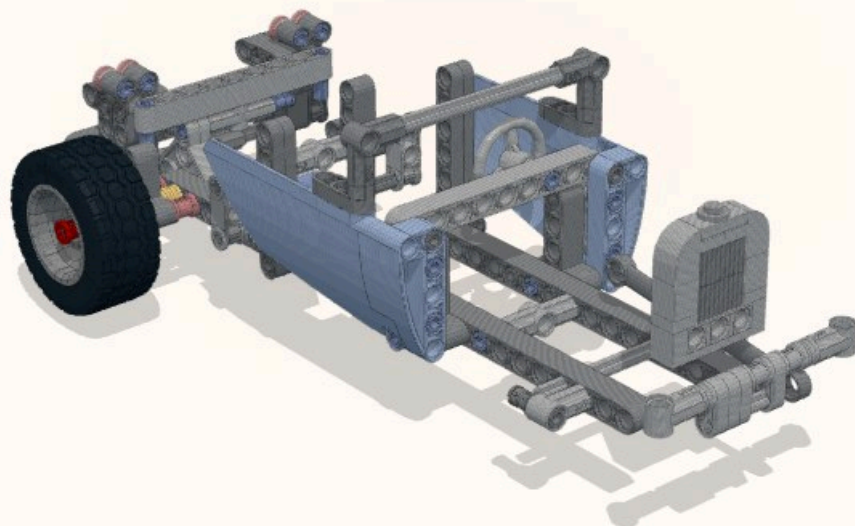
■ 1× Technic Axle 8 with Stop Dark Bluish Grey · 55013

■ 1× Technic Gear 12 Tooth Double Bevel Black · 32270

■ 2× Technic Bush with Two Flanges Red · 3713

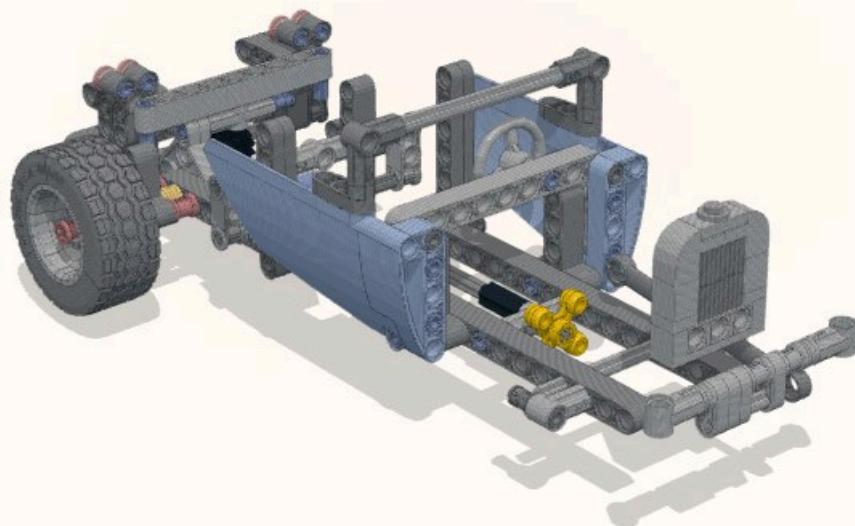
■ 1× Wheel Rim 20 × 30 with 6 Dual Spokes and External Ribs Light Bluish Grey · 56145

■ 1× Tyre 20/ 48 × 30 Black · 15413



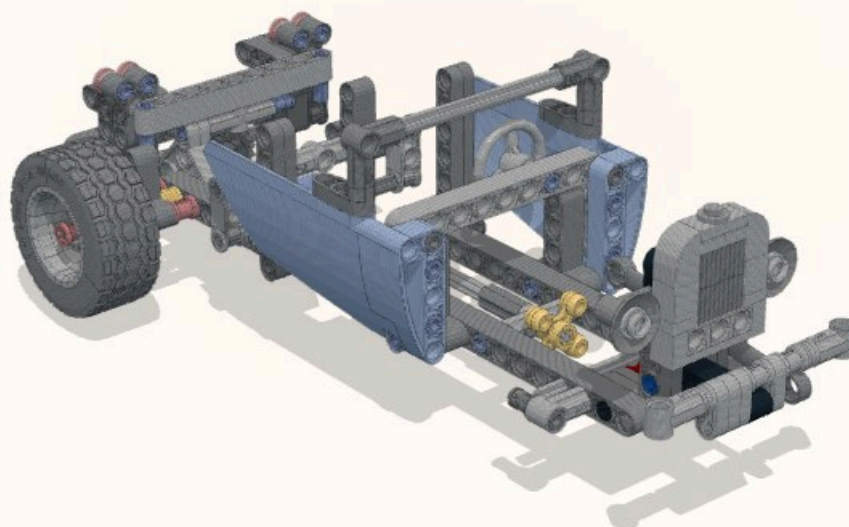
3

- 2× Technic Axle 3 Light Bluish Grey · 4519
- 1× Technic Gear 4 Knob Yellow · 32072
- 3× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Gear 20 Tooth Double Bevel Black · 32269
- 1× Technic Axle 9 Light Bluish Grey · 60485
- 1× Technic Axle 6 Black · 3706



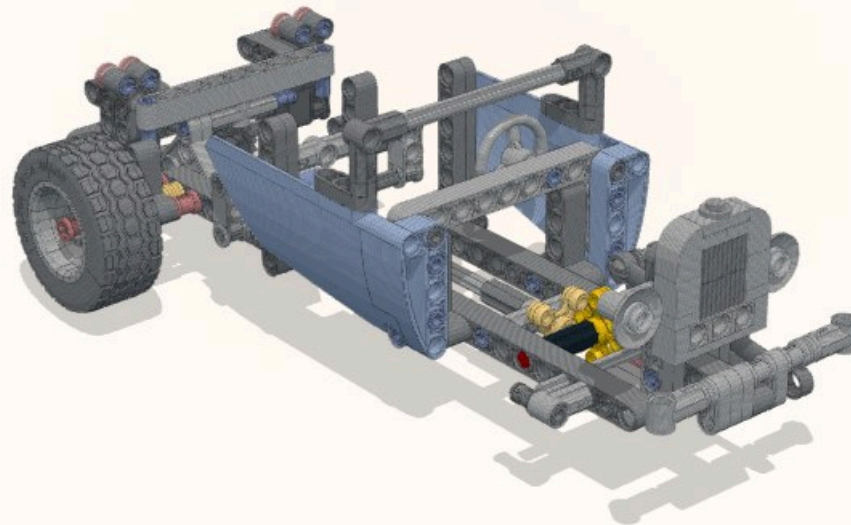
4

- 1× Technic Axle 7 Light Bluish Grey · 44294
- 2× Technic Axle 5 Light Bluish Grey · 32073
- 2× Technic Cross Block 1 × 2 (Axle/Pin) Black · 6536
- 1× Technic Bush with Two Flanges Red · 3713
- 4× Technic Beam 3 × 3 × 0.5 Liftarm Bent 90 Light Bluish Grey · 32056
- 1× Technic Axle 3 Light Bluish Grey · 4519
- 1× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140
- 1× Technic Cross Block 1 × 3 (Axle/Pin/Axle) Light Bluish Grey · 32184
- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Angle Connector #1 Light Bluish Grey · 32013
- 2× Dish 2 × 2 Inverted Light Bluish Grey · 4740
- 2× Plate 1 × 1 Round Trans Clear · 6141



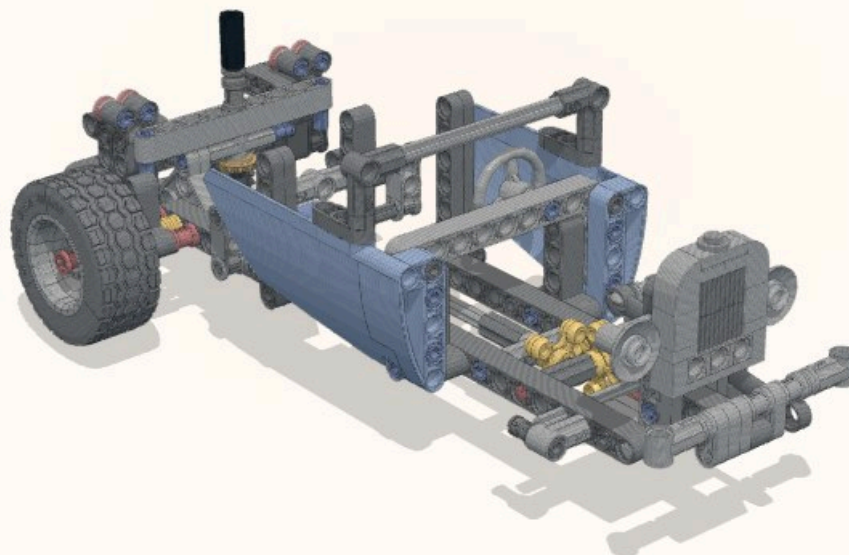
5

- 1× Technic Gear 4 Knob Yellow · 32072
- 1× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle 2 Notched Red · 32062
- 1× Technic Cross Block 1 × 3 (Axle/Pin/Axle) Light Bluish Grey · 32184
- 1× Technic Axle Towball Light Bluish Grey · 2736
- 1× Technic Axle 4 with Stop Dark Bluish Grey · 87083



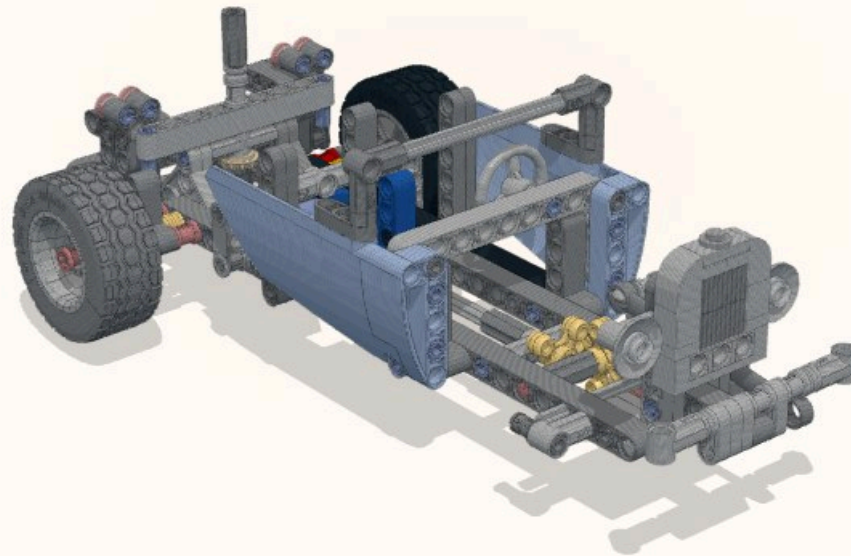
6

- 1× Technic Gear 12 Tooth Bevel Tan · 6589
- 1× Technic Axle 5.5 with Stop Type 2 Dark Bluish Grey · 59426
- 1× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Bush with Two Flanges Light Bluish Grey · 3713
- 1× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Light Bluish Grey · 32123b



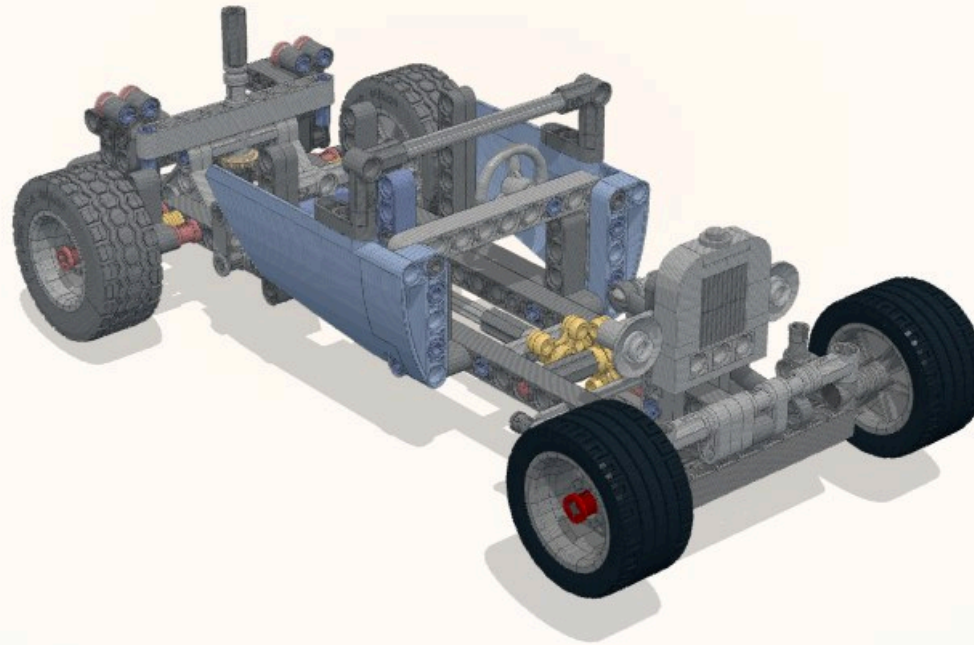
7

- 2× Technic Beam 5 × 3 × 0.5 Liftarm Triangle Type 2 Light Bluish Grey · 99773
- 1× Wheel Rim 20 × 30 with 6 Dual Spokes and External Ribs Light Bluish Grey · 56145
- 1× Technic Axle 4 with Middle Cylindrical Stop Tan · 99008
- 1× Technic Axle 8 with Stop Dark Bluish Grey · 55013
- 4× Technic Bush with Two Flanges Red · 3713
- 1× Technic Beam 15 Black · 32278
- 1× Tyre 20/ 48 × 30 Black · 15413
- 1× Technic Pin Long with Stop Bush Red · 32054
- 1× Technic Axle Pin with Friction Blue · 43093
- 2× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Yellow · 32123b
- 4× Technic Pin with Friction and Slots Black · 2780
- 1× Technic Beam 3 × 5 Bent 90 Blue · 32526



8

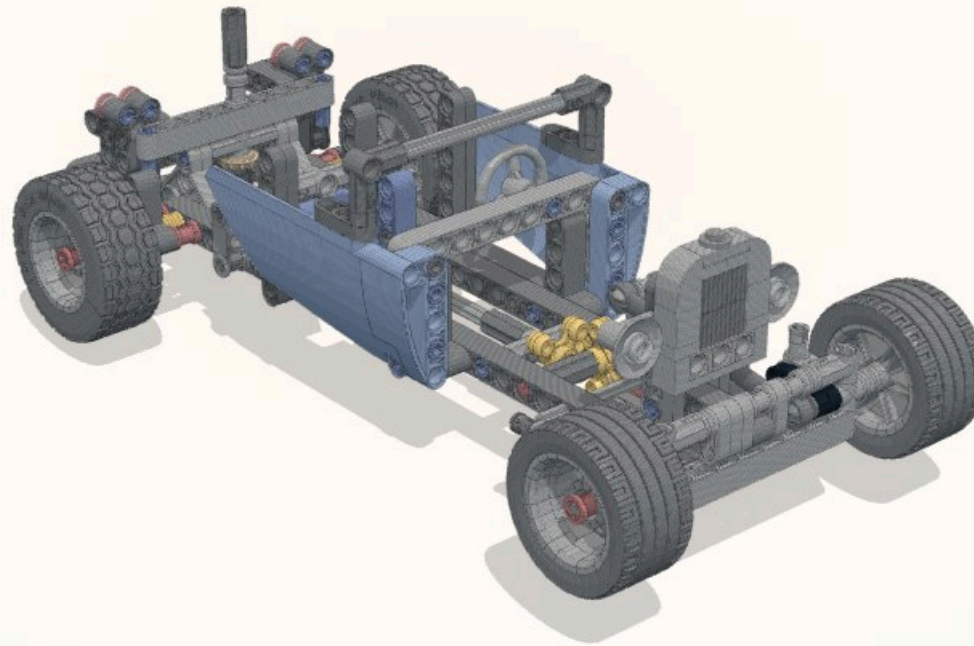
- 3× Technic Beam 9 Light Bluish Grey · 40490
- 2× Technic Pin Light Bluish Grey · 3673
- 2× Technic Cross Block 1 × 3 (Pin/Pin/Pin) with 4 Pins Light Bluish Grey · 48989
- 2× Technic Axle 4 with Stop Dark Bluish Grey · 87083
- 4× Technic Bush 1/2 Smooth with Axle Hole Semi-Reduced Light Bluish Grey · 32123b
- 2× Wheel Rim 20 × 30 with 6 Dual Spokes and External Ribs Light Bluish Grey · 56145
- 2× Technic Bush with Two Flanges Red · 3713
- 2× Tyre 22/ 30 × 30 ZR Black · 44309



9

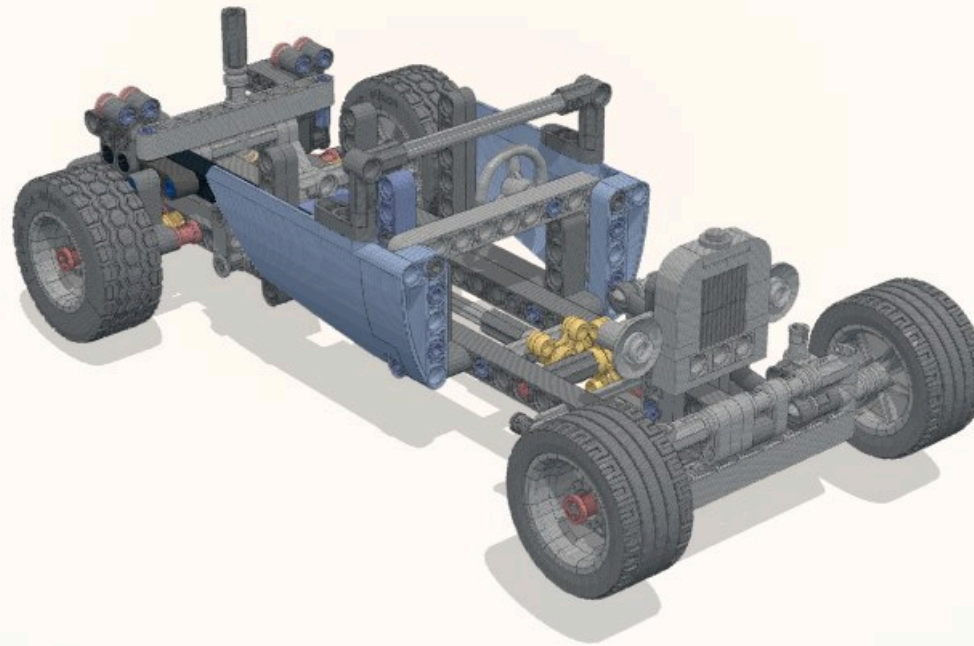
■ 1× Technic Beam 3 × 0.5 Liftarm with Boss and Pin with Closed Central Axle Hole Black · 33299a

■ 1× Technic Axle Towball Light Bluish Grey · 2736



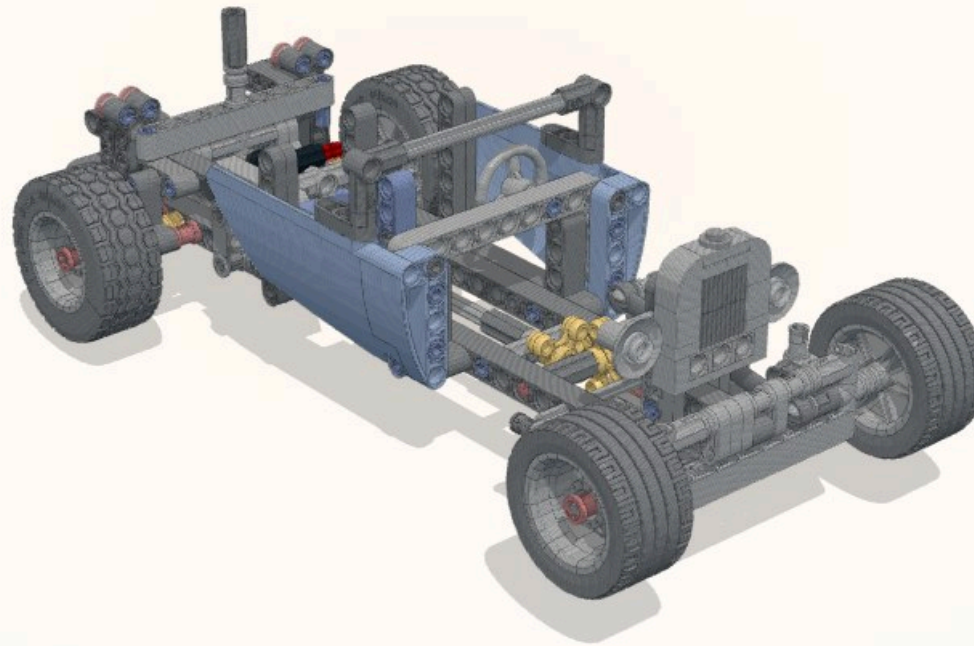
10

- 1× Technic Beam 11 Black · 32525
- 5× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 5 Light Bluish Grey · 32316
- 1× Technic Cross Block 1 × 3 (Axle/Pin/Pin) Dark Bluish Grey · 42003



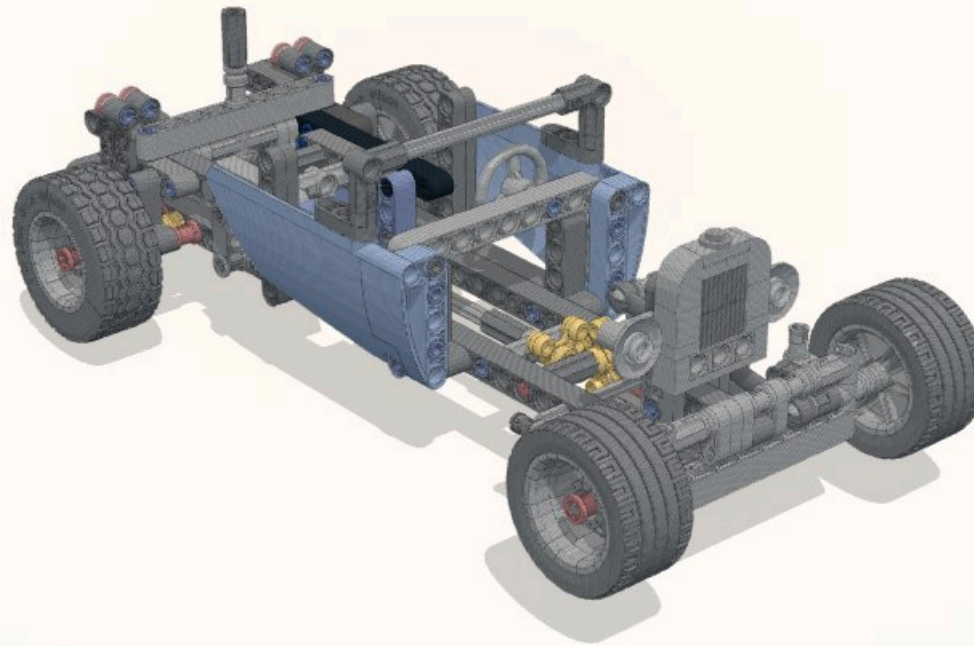
11

- 1× Technic Gear 12 Tooth Double Bevel
Black · 32270
- 1× Technic Axle 4 with Stop Dark Bluish Grey
· 87083
- 1× Technic Axle Joiner Inline Smooth Black ·
59443
- 1× Technic Axle 2 Notched Red · 32062



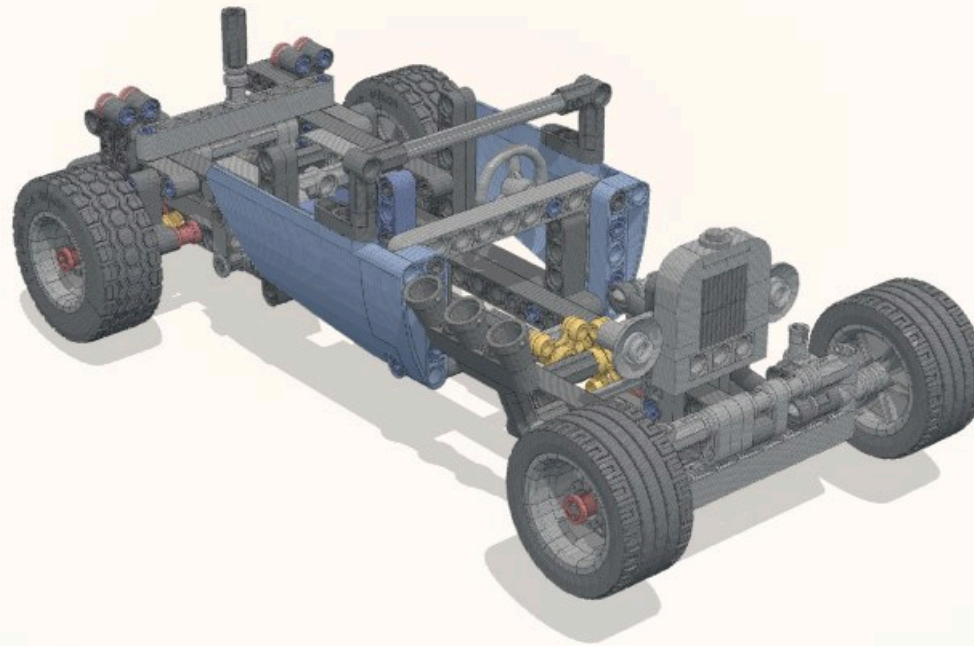
12

- 1× Technic Beam 11 Black · 32525
- 5× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Cross Block 1 × 3 (Axle/Pin/Pin) Dark Bluish Grey · 42003
- 1× Technic Beam 5 Light Bluish Grey · 32316



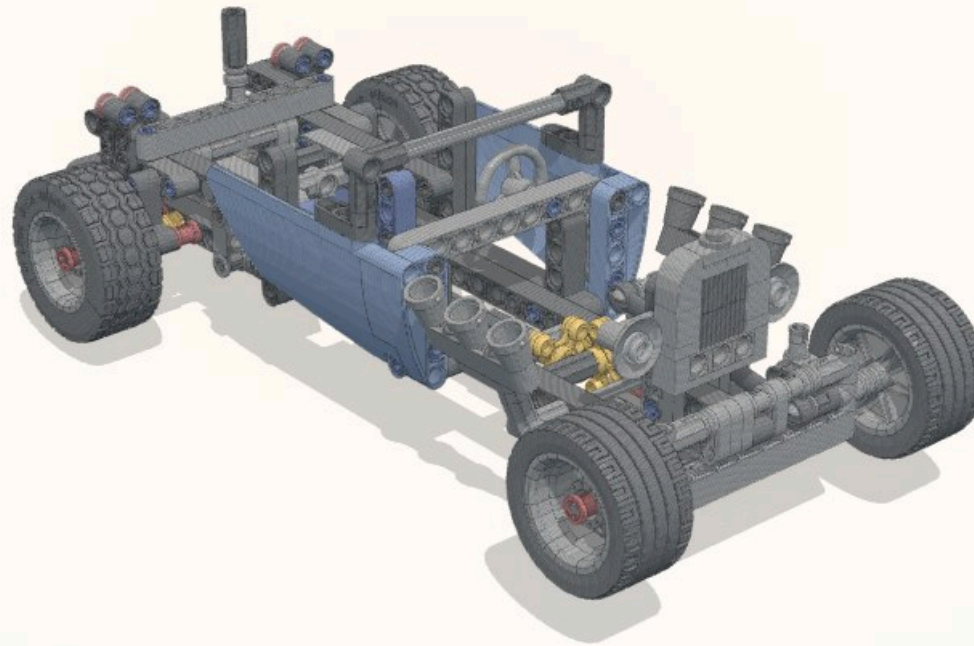
13

- 1× Technic Angle Connector #5 (112.5 degree) Light Bluish Grey · 32015
- 1× Technic Axle 3 Light Bluish Grey · 4519
- 1× Technic Beam 3 × 0.5 Liftarm with Boss and Pin with Closed Central Axle Hole Light Bluish Grey · 33299a
- 1× Technic Beam 5 Light Bluish Grey · 32316
- 3× Technic Pin 1/2 Blue · 4274
- 3× Bucket 1 × 1 × 1 Conical Light Bluish Grey · 95343



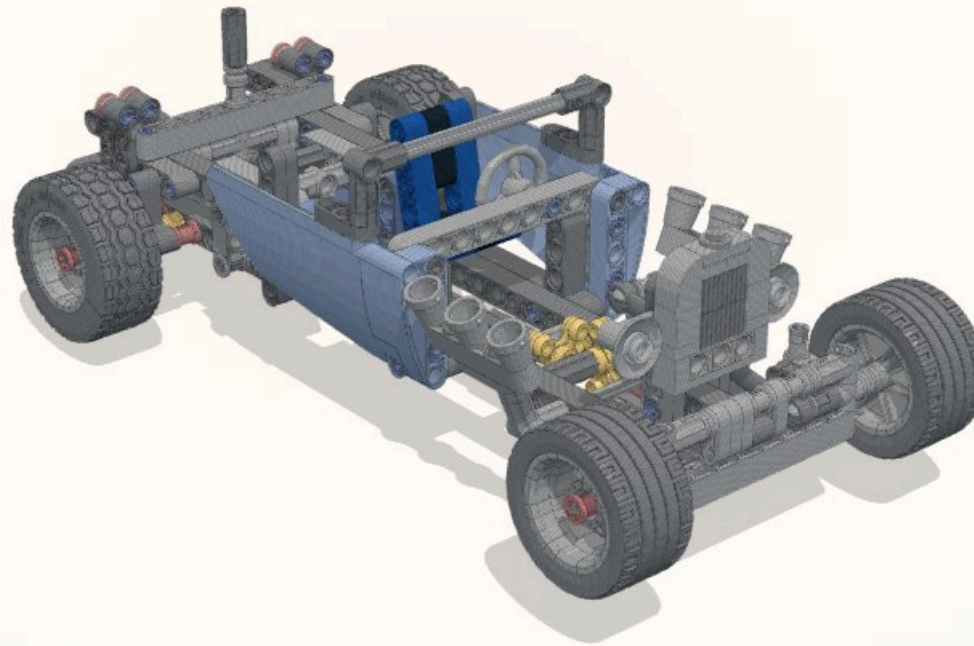
14

- 1× Technic Angle Connector #5 (112.5 degree) Light Bluish Grey · 32015
- 1× Technic Axle 3 Light Bluish Grey · 4519
- 1× Technic Beam 3 × 0.5 Liftarm with Boss and Pin with Closed Central Axle Hole Light Bluish Grey · 33299a
- 1× Technic Beam 5 Light Bluish Grey · 32316
- 3× Technic Pin 1/2 Blue · 4274
- 3× Bucket 1 × 1 × 1 Conical Light Bluish Grey · 95343



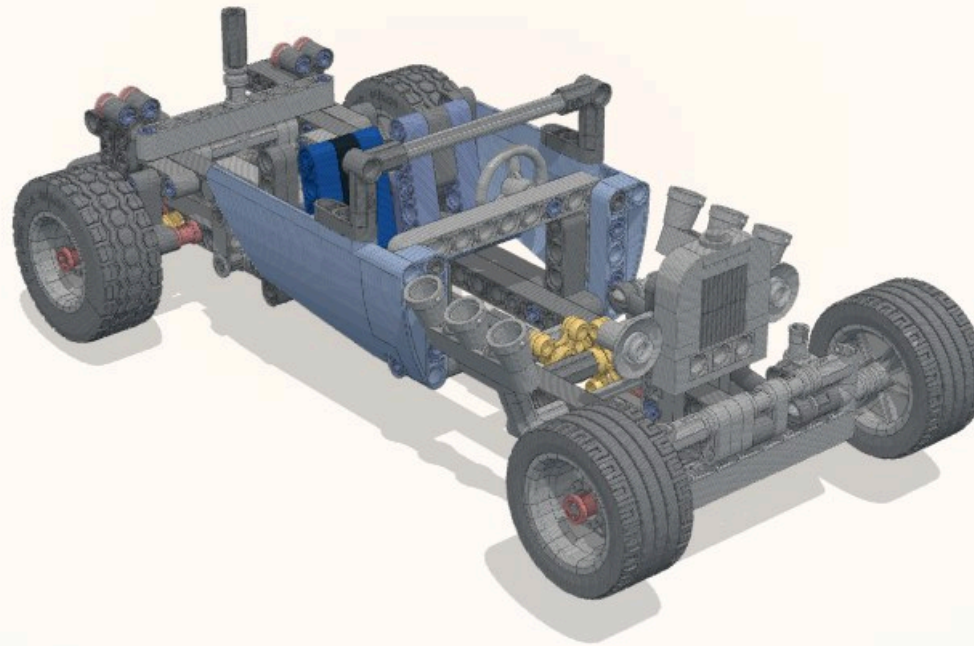
15

- 2× Technic Beam 3 × 5 Bent 90 Blue · 32526
- 4× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 3 Black · 32523
- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140



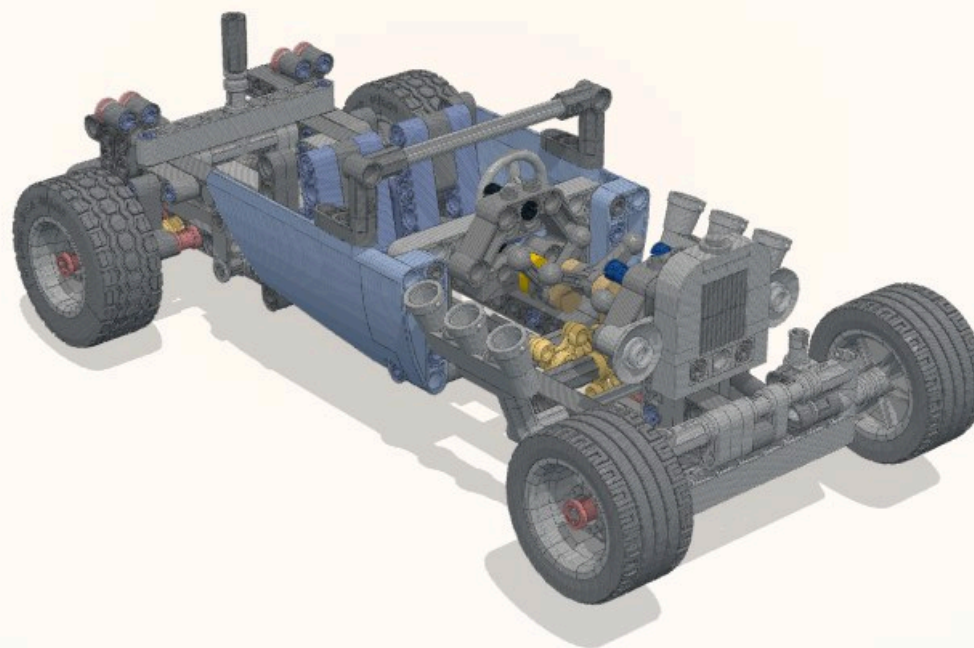
16

- 2× Technic Beam 3 × 5 Bent 90 Blue · 32526
- 4× Technic Pin Long with Friction and Slot Blue · 6558
- 1× Technic Beam 3 Black · 32523
- 1× Technic Beam 2 × 4 Liftarm Bent 90 Black · 32140



17

- 2× Technic Brick 5 × 3 × 1 with 8 Pegholes and 2 Studs Light Bluish Grey · 32333
- 2× Technic Pin with Friction and Slots Black · 2780
- 2× Technic Pin Long with Friction and Slot Blue · 6558
- 2× Technic Pin Long with Pin Hole Type 1 Light Bluish Grey · 87082
- 2× Technic Pin 1/2 Blue · 4274
- 2× Technic Engine Crankshaft with Slot Yellow · 2853
- 2× Technic Engine Crankshaft Centre Tan · 2854
- 2× Technic Axle 2 Notched Red · 32062
- 1× Technic Axle 4 Black · 3705
- 1× Technic Gear 8 Tooth Reinforced Dark Bluish Grey · 10928
- 6× Technic Engine Connecting Rod Light Bluish Grey · 2852

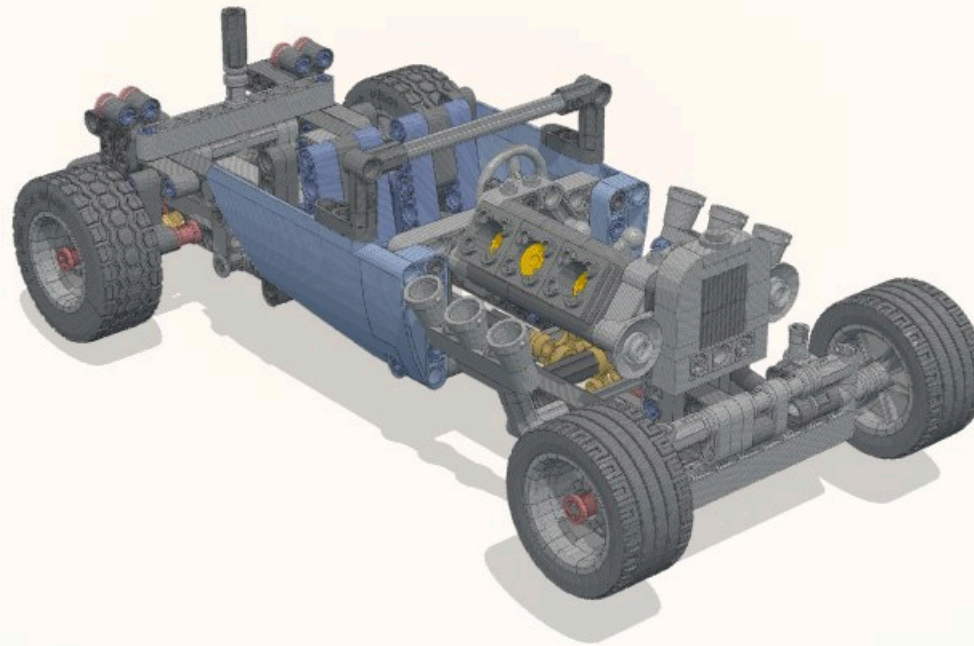


18

■ 3× Technic Engine Cylinder Head with
Bottom Slots Light Bluish Grey · 2850b

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

■ 3× Technic Engine Piston Round Yellow · 2851

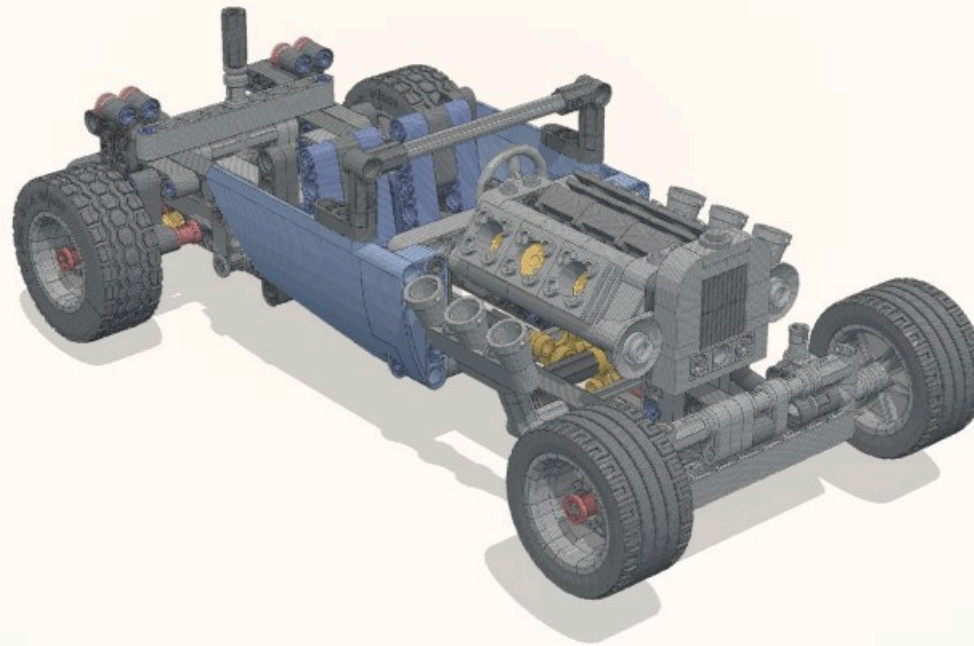


19

■ 3× Technic Engine Cylinder Head with
Bottom Slots Light Bluish Grey · 2850b

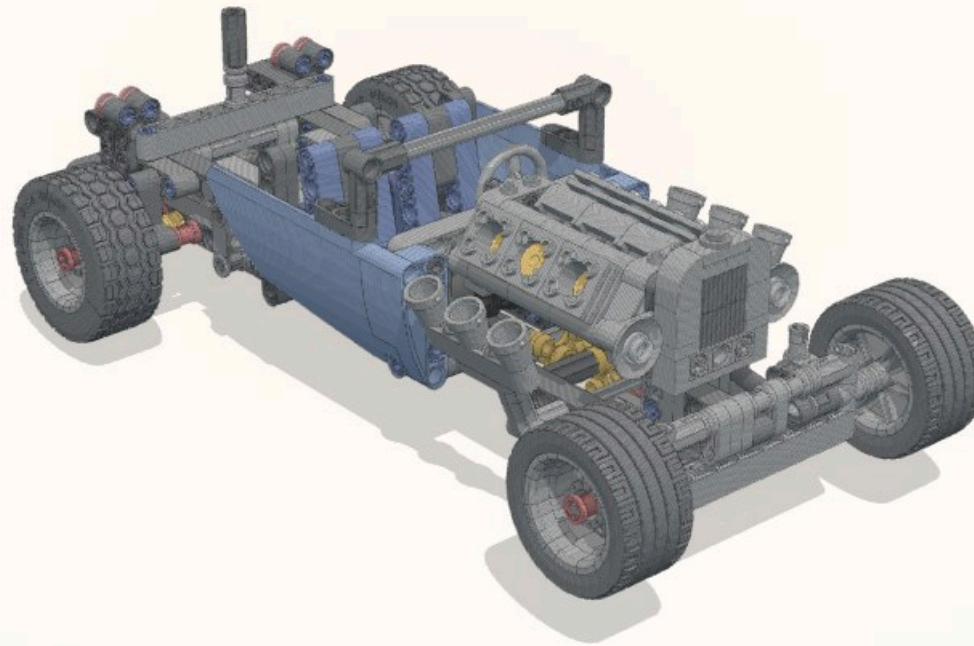
■ 6× Technic Pin with Friction and Slots Black ·
2780

■ 3× Technic Engine Piston Round Yellow · 2851



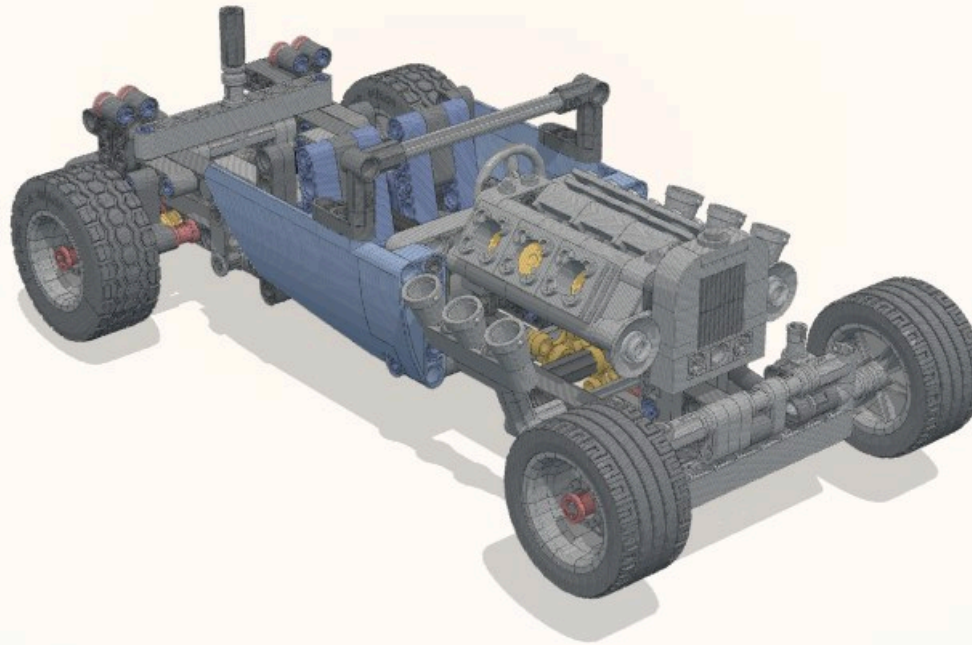
20

- 1× Technic Axle 7 Light Bluish Grey · 44294
- 3× Technic Cross Block 1 × 3 (Axle/Pin/Pin)
Dark Bluish Grey · 42003
- 2× Technic Beam 2 Liftarm Light Bluish Grey
· 60483
- 2× Technic Pin Long with Friction and Slot
Blue · 6558
- 2× Technic Pin with Friction and Slots Black ·
2780

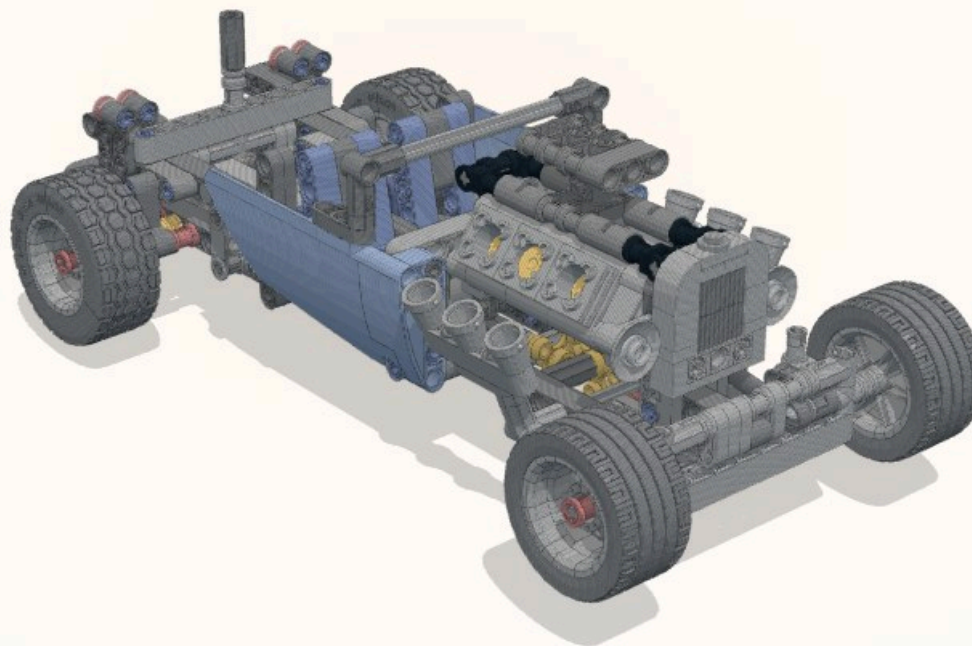


21

- 1× Technic Axle 8 with Stop Dark Bluish Grey · 55013
- 1× Technic Gear 8 Tooth Reinforced Dark Bluish Grey · 10928
- 1× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle 4 Black · 3705
- 1× Technic Bush with Two Flanges Light Bluish Grey · 3713
- 1× Technic Gear 12 Tooth Double Bevel Black · 32270

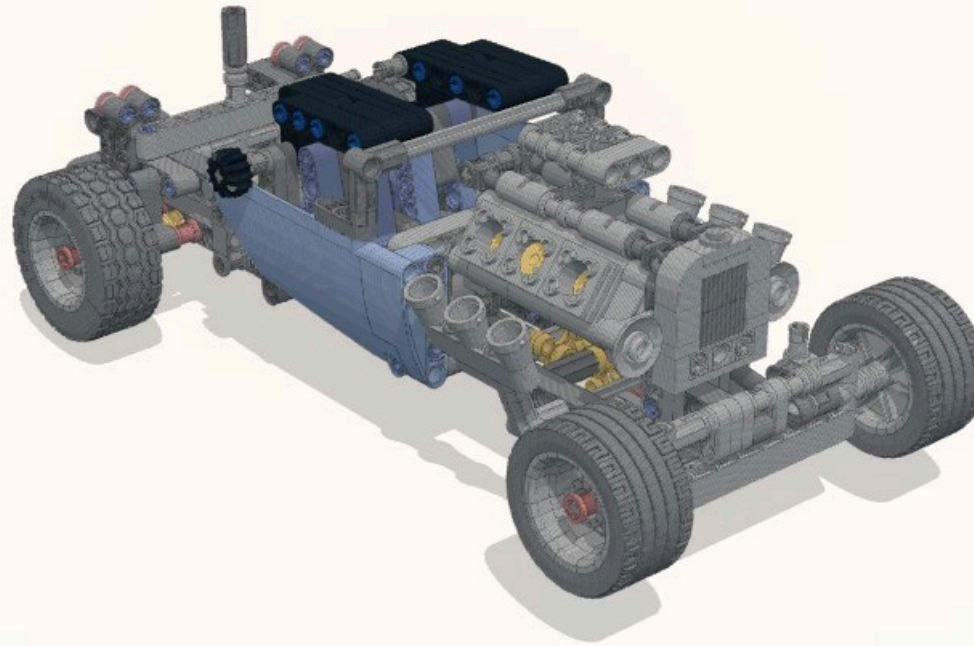


- 2× Technic Cross Block 1 × 2 (Axle/Pin) Black · 6536
- 2× Technic Axle 3 Light Bluish Grey · 4519
- 4× Technic Connector (Axle/Bush) Type 1 Black · 32039
- 2× Technic Axle 8 Black · 3707
- 4× Technic Pin Joiner Round with Slot Light Bluish Grey · 62462
- 5× Technic Cross Block 1 × 3 (Axle/Pin/Axle) Light Bluish Grey · 32184
- 1× Technic Pin 3L Double with Axlehole Light Bluish Grey · 32138
- 1× Technic Beam 3 Light Bluish Grey · 32523
- 2× Technic Axle 3 with Stud Dark Tan · 6587



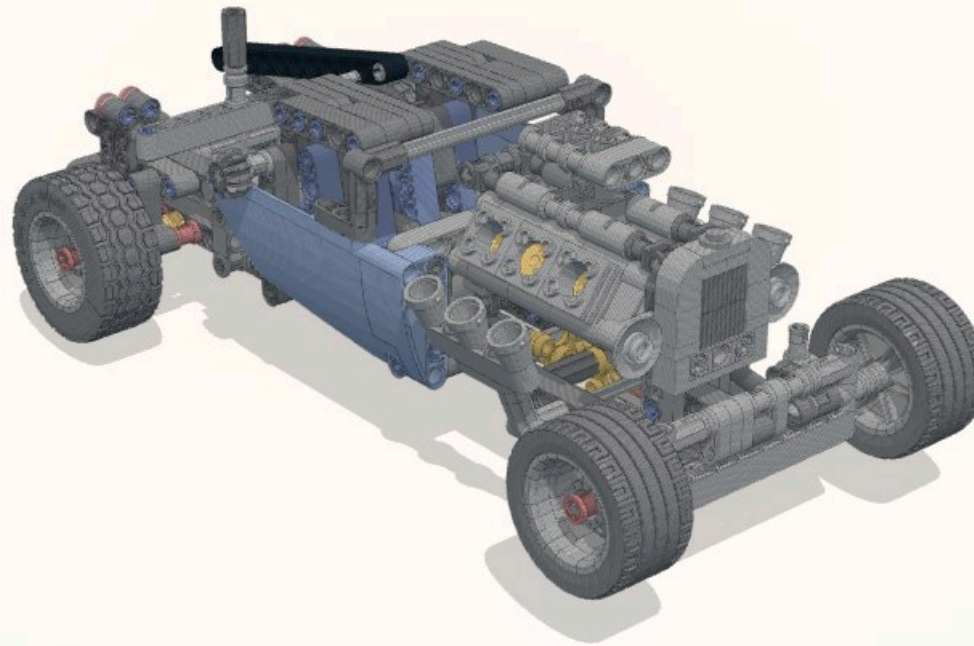
23

- 4× Technic Beam 6 × 0.5 Black · 32063
- 6× Technic Pin Long with Friction and Slot Blue · 6558
- 2× Technic Axle Pin with Friction Blue · 43093
- 4× Technic Beam 3 × 3 × 0.5 Liftarm Bent 90 Black · 32056
- 2× Technic Beam 3 Black · 32523
- 2× Technic Beam 5 Black · 32316
- 2× Technic Pin Light Bluish Grey · 3673
- 1× Technic Axle 3 with Stud Dark Tan · 6587
- 2× Technic Axle Joiner Inline Smooth Black · 59443
- 1× Technic Axle 3 Light Bluish Grey · 4519
- 1× Technic Axle 5 Light Bluish Grey · 32073
- 1× Technic Bush with Two Flanges Light Bluish Grey · 3713
- 1× Technic Gear 12 Tooth Double Bevel Black · 32270



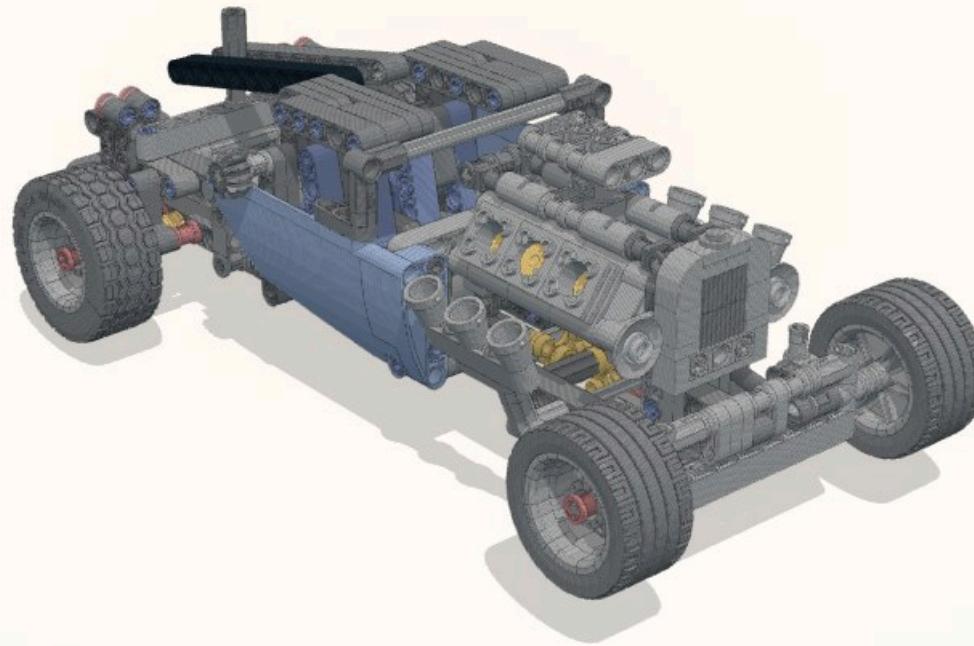
24

■ 1× Technic Beam 11 Black · 32525



25

■ 1× Technic Beam 11 Black · 32525



26

■ 2× Technic Beam 3 × 7 Liftarm Bent 53.13

Medium Blue · 32271

■ 1× Technic Panel Fairing Smooth #3

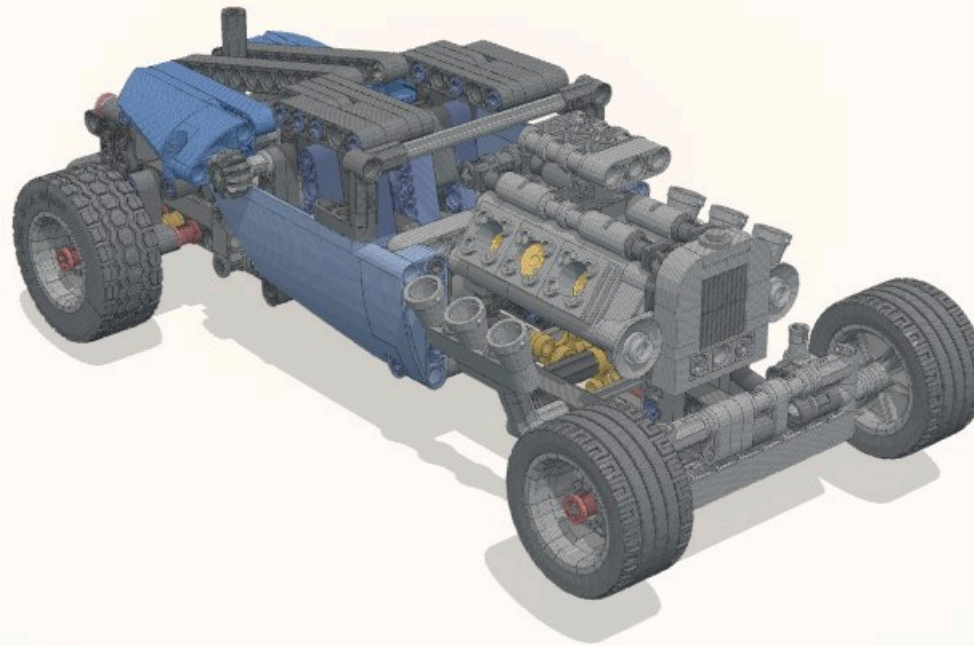
(Medium) Medium Blue · 64683

■ 1× Technic Panel Fairing Smooth #4

(Medium) Medium Blue · 64391

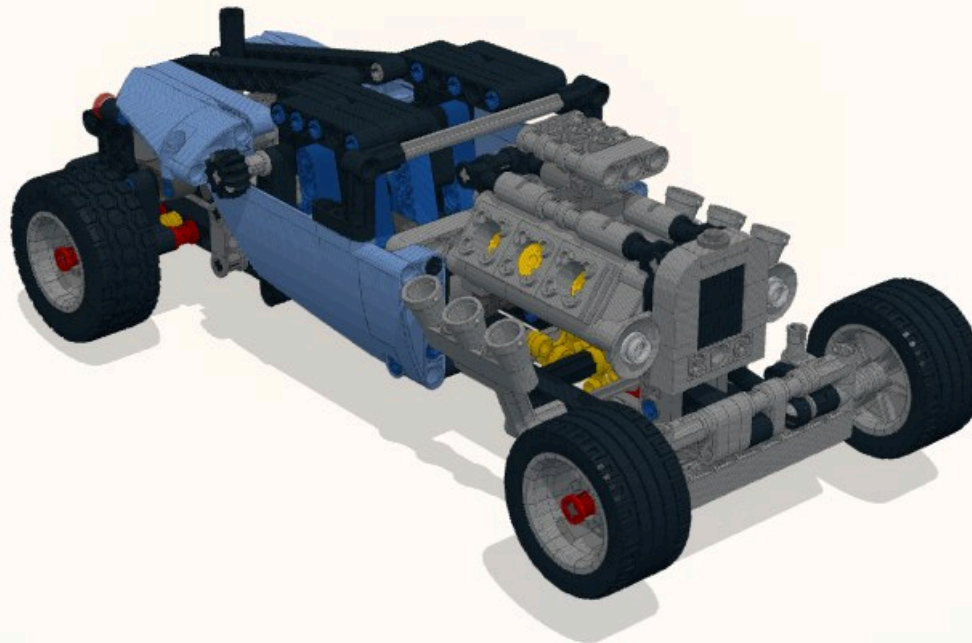
■ 2× Technic Pin Light Bluish Grey · 3673

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



27

- 1× Technic Axle 4 with Stop Dark Bluish Grey · 87083
- 1× Technic Axle 4 Black · 3705
- 1× Technic Angle Connector #2 (180 degree) Light Bluish Grey · 32034
- 1× Technic Pin 1/2 Blue · 4274
- 1× Plate 1 × 1 Round Metallic Silver · 6141



Parts list

2x 15413	Black	Tyre 20/ 48 × 30	2x 60484	Black	Technic Beam 3 × 3 T-shaped
59x 2780	Black	Technic Pin with Friction an	8x 6536	Black	Technic Cross Block 1 × 2 (A
2x 2877	Black	Brick 1 × 2 with Grille	6x 32526	Blue	Technic Beam 3 × 5 Bent 90
2x 32014	Black	Technic Angle Connector #6 (	13x 4274	Blue	Technic Pin 1/2
4x 32039	Black	Technic Connector (Axle/Bush	15x 43093	Blue	Technic Axle Pin with Fricti
4x 32056	Black	Technic Beam 3 × 3 × 0.5 Lif	25x 6558	Blue	Technic Pin Long with Fricti
8x 32063	Black	Technic Beam 6 × 0.5	2x 10928	Dark Bluish Grey	Technic Gear 8 Tooth Reinfor
7x 32140	Black	Technic Beam 2 × 4 Liftarm B	5x 42003	Dark Bluish Grey	Technic Cross Block 1 × 3 (A
2x 32269	Black	Technic Gear 20 Tooth Double	3x 55013	Dark Bluish Grey	Technic Axle 8 with Stop
4x 32270	Black	Technic Gear 12 Tooth Double	1x 59426	Dark Bluish Grey	Technic Axle 5.5 with Stop T
4x 32278	Black	Technic Beam 15	5x 87083	Dark Bluish Grey	Technic Axle 4 with Stop
1x 32293	Black	Technic Steering Link 9L	3x 6587	Dark Tan	Technic Axle 3 with Stud
2x 32316	Black	Technic Beam 5	1x 15573	Light Bluish Grey	Plate 1 × 2 with Groove with
6x 32523	Black	Technic Beam 3	2x 2736	Light Bluish Grey	Technic Axle Towball
5x 32525	Black	Technic Beam 11	1x 2819	Light Bluish Grey	Technic Steering Wheel Small
2x 32557	Black	Technic Cross Block 2 × 3 (P	6x 2850b	Light Bluish Grey	Technic Engine Cylinder Head
3x 33299a	Black	Technic Beam 3 × 0.5 Liftarm	6x 2852	Light Bluish Grey	Technic Engine Connecting Ro
7x 3705	Black	Technic Axle 4	2x 3005	Light Bluish Grey	Brick 1 × 1
1x 3706	Black	Technic Axle 6	2x 3024	Light Bluish Grey	Plate 1 × 1
2x 3707	Black	Technic Axle 8	6x 32013	Light Bluish Grey	Technic Angle Connector #1
2x 44309	Black	Tyre 22/ 30 × 30 ZR	2x 32015	Light Bluish Grey	Technic Angle Connector #5 (
9x 59443	Black	Technic Axle Joiner Inline S	6x 32034	Light Bluish Grey	Technic Angle Connector #2 (