

MEC-O-TEC

METAL CONSTRUCTION SET **SET-3**

Get Creative. Get Constructive.

14 MODELS

195 PICES



INSTRUCTIONS MANUAL



Time to GEAR UP FOR FUN!

Mec-O-Tec construction sets bring you hours of endless fun and building.

Key Features:

- Safe, high quality pieces designed specially for young children.
- Each metal piece has been finished to perfection and powder coated to ensure long, rust-free life.
- All plastic parts made from virgin plastic.
- Sturdy, modern designs for nuts and screws.
- Unique features: Life-like wheels, steering wheel and car seats.

Mec-O-Tec sets have been created with innovative design and materials, so young engineers can enjoy hours of fun with thrilling models. Use the manual guidelines to create imaginative new models and learn while you play.

Go on, get creative. Get constructive.



Making Dreams come true!
www.toysbox.co



3H - 4pcs



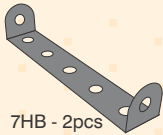
5H - 6pcs



7H - 2pcs



11H - 4pcs



7HB - 2pcs



2HB(45°) - 1pc



Car Seat Holder - 1pc



2HB - 6pcs



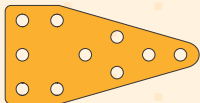
3HB - 2pcs



HR 1 - 2pcs



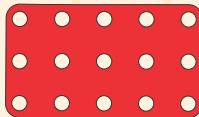
3ZS - 1pc



TR - 1 - 2pcs



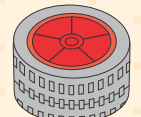
Hook - 1pc



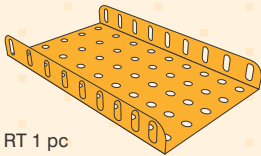
SQ 3x5 Rectangle - 3pcs



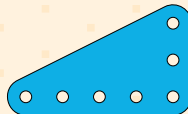
Car seat - 2pcs



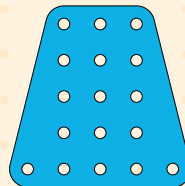
Big Wheels - 4pcs



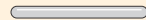
RT 1 pc



PVC Triangle - 2pcs



PVC Hood - 1pcs



Shaft - 1 (40 mm) - 1pc



Shaft - 2 (80 mm) - 2pcs



Shaft - 3 (110 mm) - 2pcs



Big screw - 12pcs



Small screw - 46pcs



Nuts - 54pcs



Washer - 17pcs



Metal Washer - 6pcs



Small Pulley 2pcs



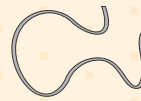
Steering wheel - 1pc



Screw driver - 1pc



Spanner - 1pc

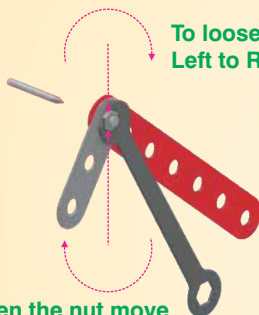


Thread - 1pc



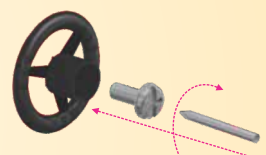
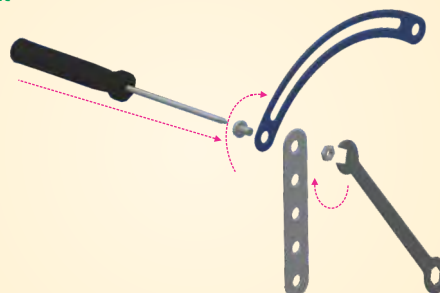
Rubber Band 2pcs

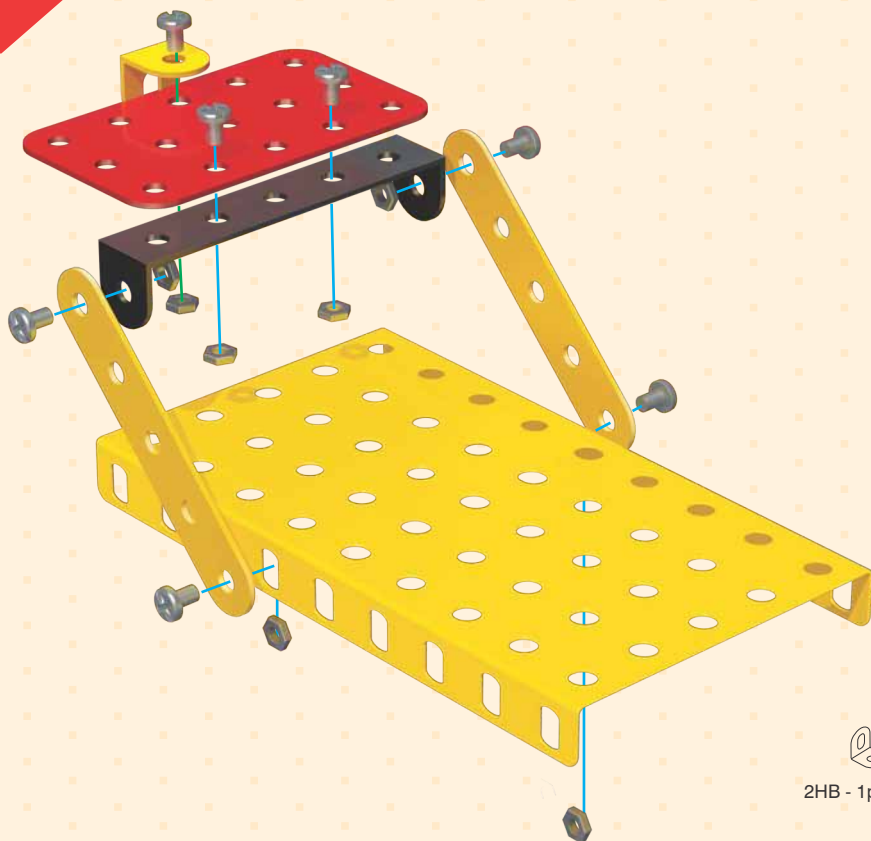
HOW TO FIT



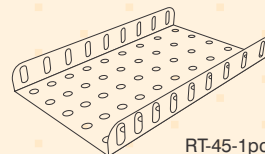
To tighten the nut move
Right to Left

To loosen the nut move
Left to Right

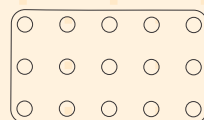




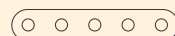
STEP 1



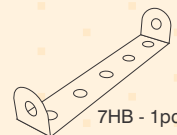
RT-45-1pc



SQ 3x5 Rectangle - 1pc



5H - 2pcs



7HB - 1pc



2HB - 1pc



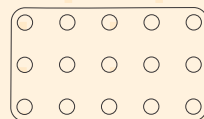
Small screw - 7pcs



Nuts - 7pcs



STEP 2



SQ 3x5 Rectangle - 1pc



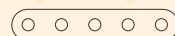
Driver seat- 1pc



Car Seat Holder - 1pc



3HB - 1pc



5H - 1pc



Big screw - 2pcs



Small screw - 5pcs

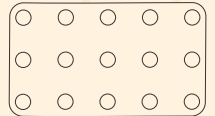
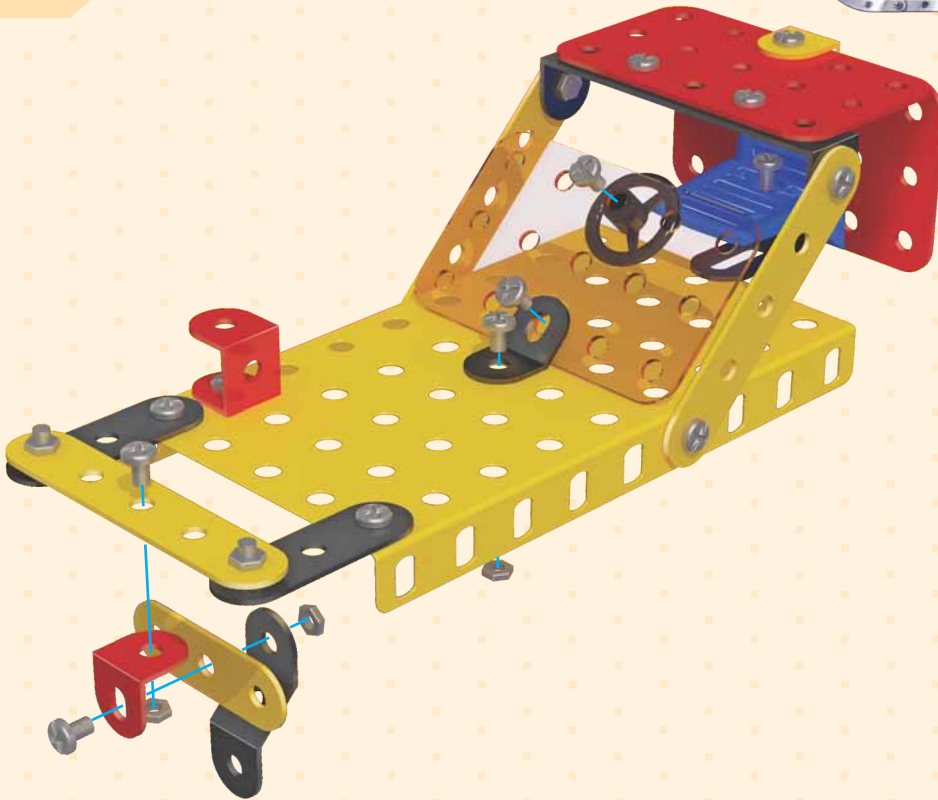


Nuts - 9pcs



3H - 2pcs

STEP 3



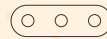
SQ 3x5 Rectangle - 1pc



Driver seat - 1pc



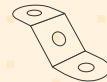
2HB(45°) - 1pc



3H - 1pc



2HB - 1pc



3ZS - 1pc



Steering wheel - 1pc

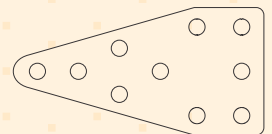
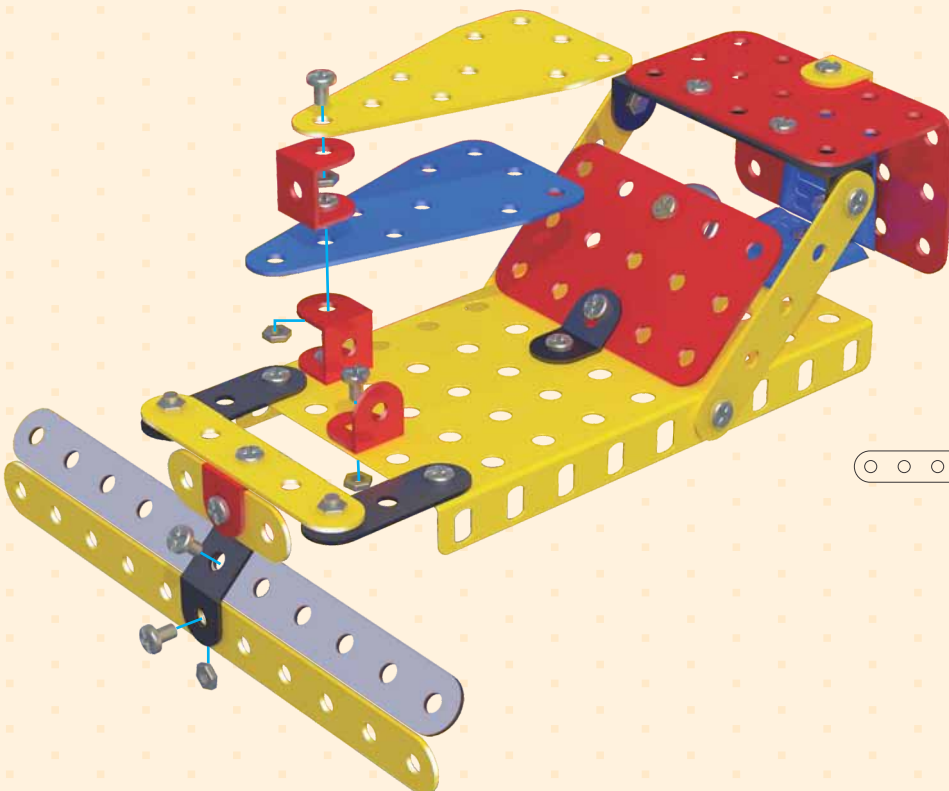


Small screw - 6pcs



Nuts - 4pcs

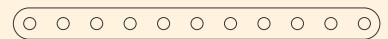
STEP 4



TR - 1 - 2pcs



3HB - 1pc



11H - 2pcs



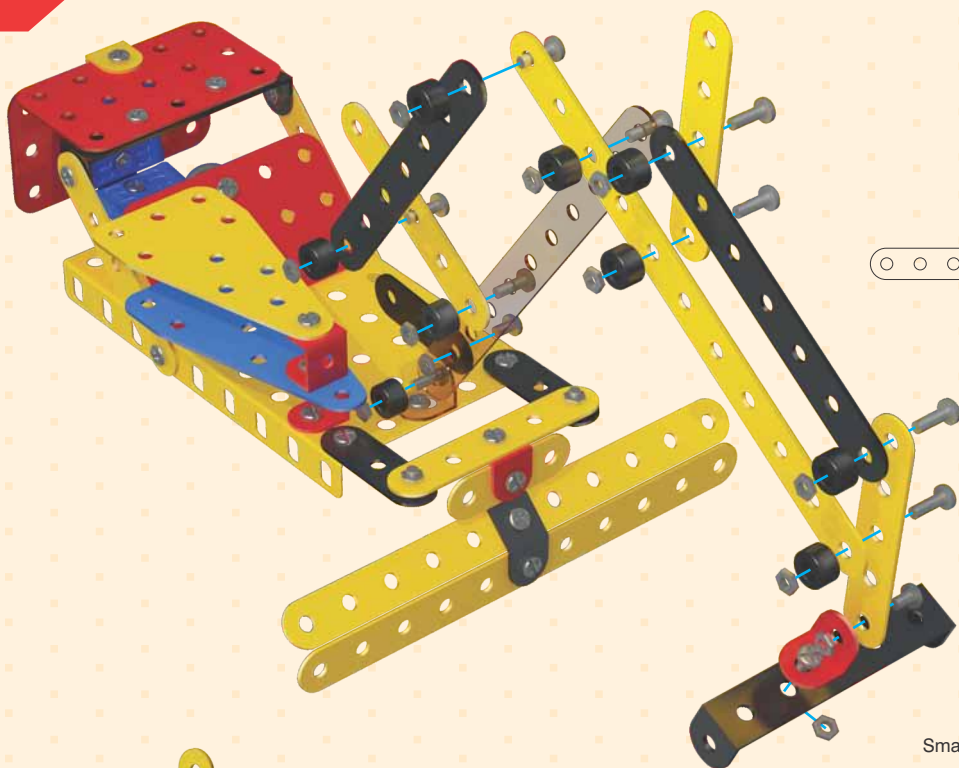
2HB - 1pc



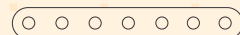
Small screw - 5pcs



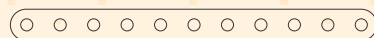
Nuts - 5pcs



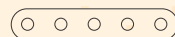
STEP 5



7H - 2pcs



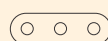
11H - 2pcs



5H - 3pcs



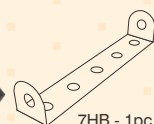
Nuts - 12pcs



3H - 1pc



Washer - 9pcs



7HB - 1pc



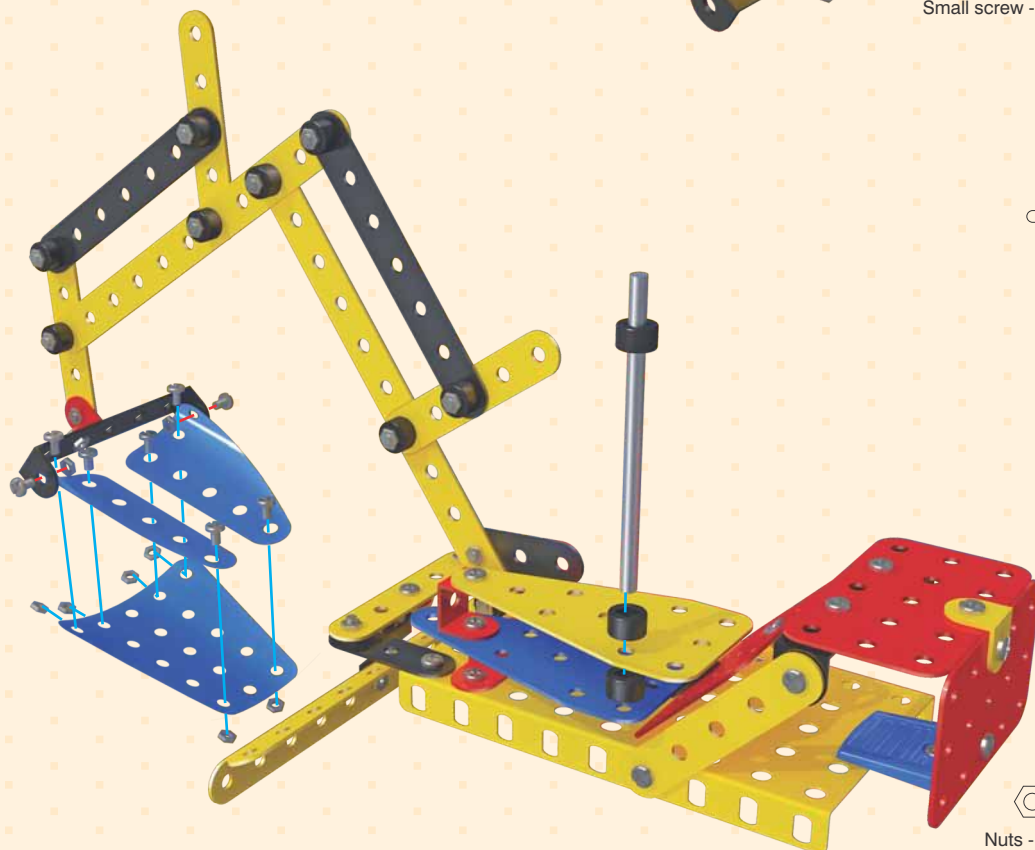
2HB - 1pc



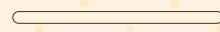
Small screw - 3pcs



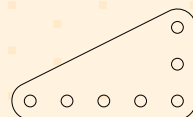
Big screw - 9pcs



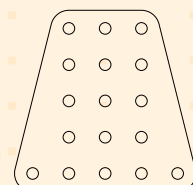
STEP 6



Shaft - 2 (80 mm) - 1pc



PVC Triangle - 2pcs



PVC Hood (2) - 1pcs



Small screw - 8pcs



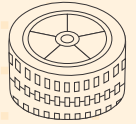
Nuts - 8pcs



Washer - 3pcs

STEP 7

Shaft - (110 mm) - 2pcs



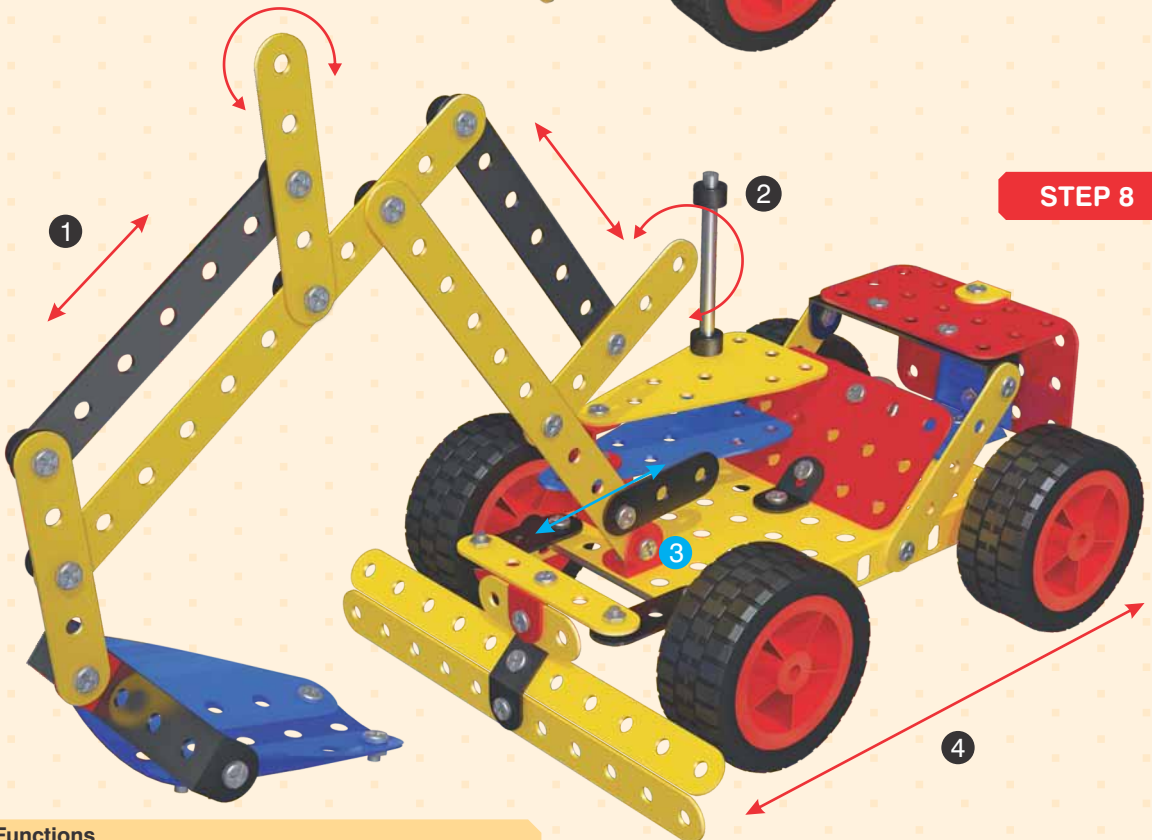
Big Wheels - 4pcs



Washer - 4pcs



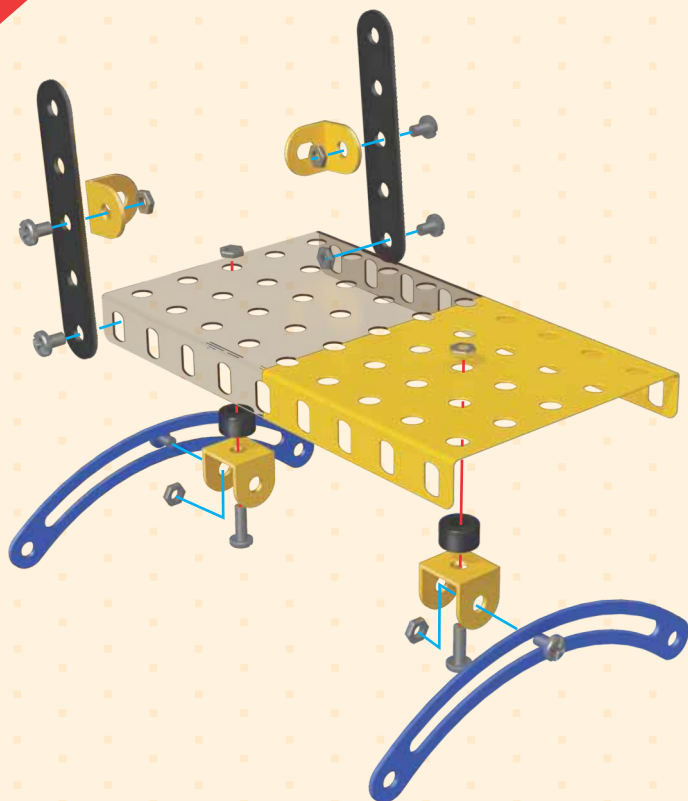
STEP 8



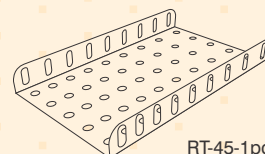
Functions

- ① Scoop Load and Unload
- ② Mid-Arm Up and Down
- ③ Full Arm Up and Down
- ④ Moves Front and Back

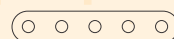
Helicopter



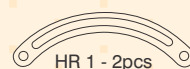
STEP 1



RT-45-1pc



5H - 2pcs



HR 1 - 2pcs



Big screw - 2pcs



3HB - 2pcs



Nuts - 8pcs



Washer - 2pcs



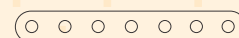
Small screw - 6pcs



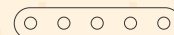
2HB - 2pcs



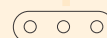
STEP 2



7H - 2pcs



5H - 2pcs



3H - 2pcs



Car Seat
Holder - 1pc



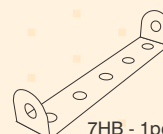
Driver seat-
2pcs



Small screw - 10pcs

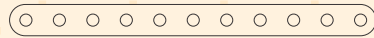
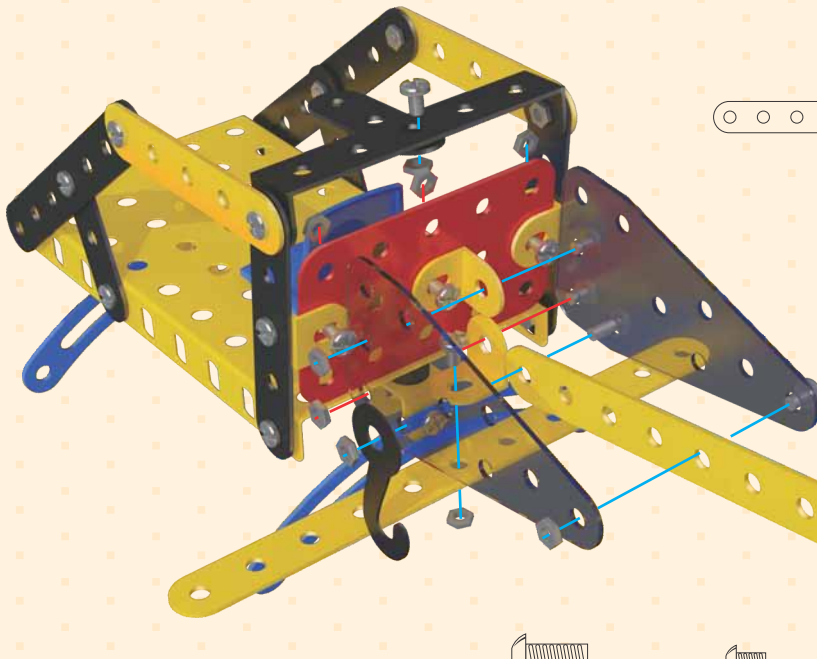


Nuts - 10pcs

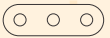


7HB - 1pc

STEP 3



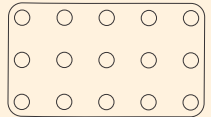
11H - 2pcs



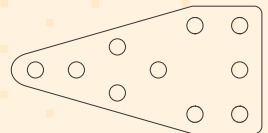
3H - 1pc



2HB - 2pcs



SQ 3x5 Rectangle - 1pc



TR - 1 - 2pcs



Hook - 1pc



Big screw - 1pc

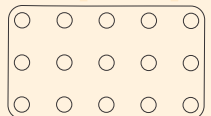
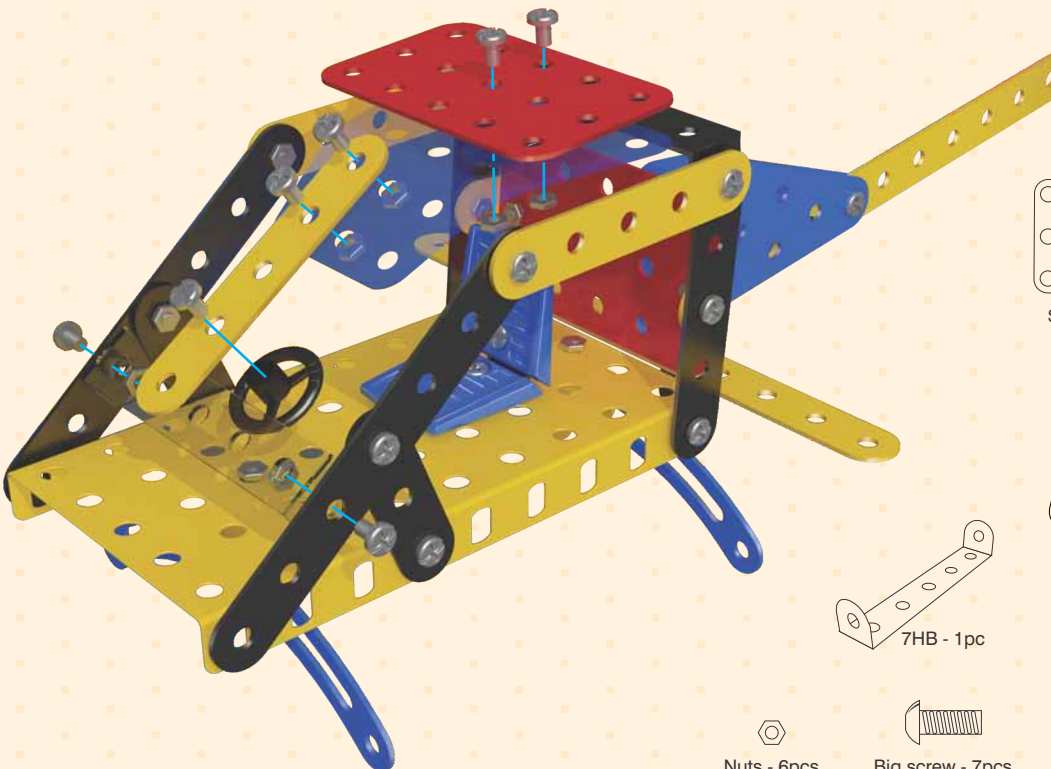


Small screw - 8pcs

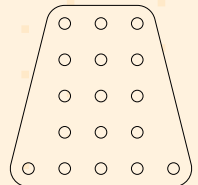


Nuts - 9pcs

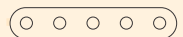
STEP 4



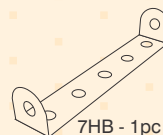
SQ 3x5 Rectangle - 1pc



PVC Hood - 1pc



5H - 1pc



7HB - 1pc



Nuts - 6pcs

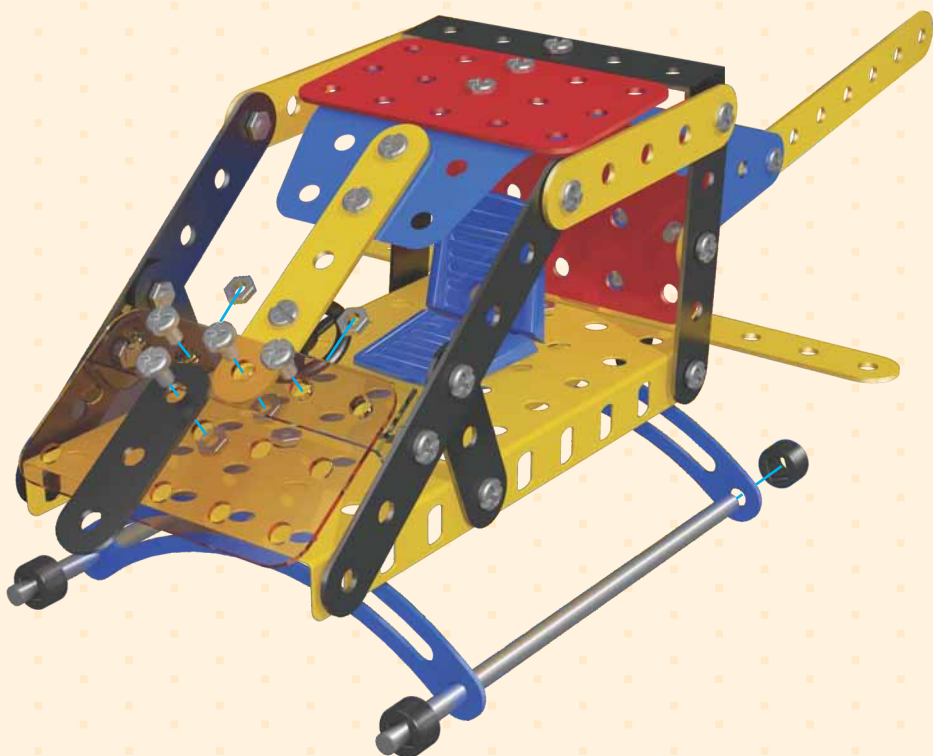


Big screw - 7pcs

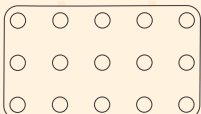


Steering wheel - 1pc

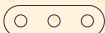
Helicopter



STEP 5



SQ 3x5 Rectangle - 1pc



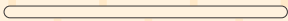
3H - 1pc



Washer - 4pcs



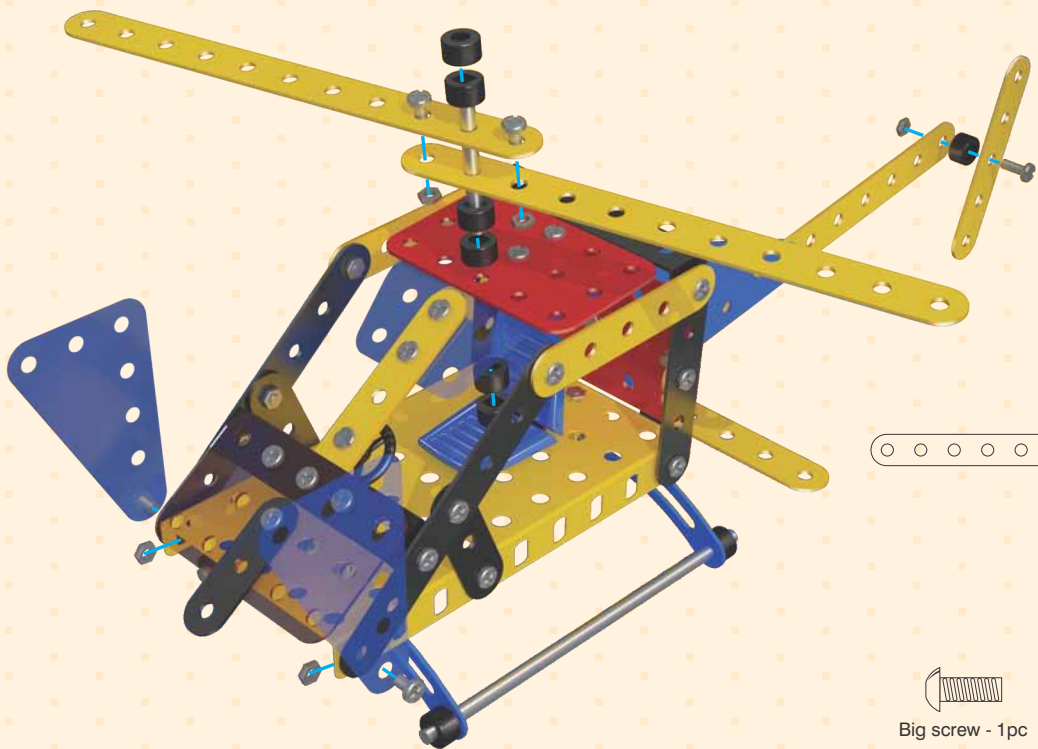
Nuts - 4pcs



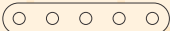
Shaft - (110 mm) - 2pcs



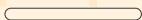
Small screw - 4pcs



STEP 6



5H - 1pc



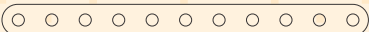
Shaft - 1 (40 mm) - 1pc



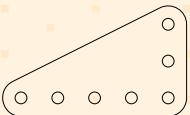
Washer - 7pcs



Nuts - 5pcs



11H - 2pcs



PVC Triangle 2pcs

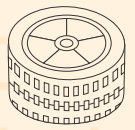
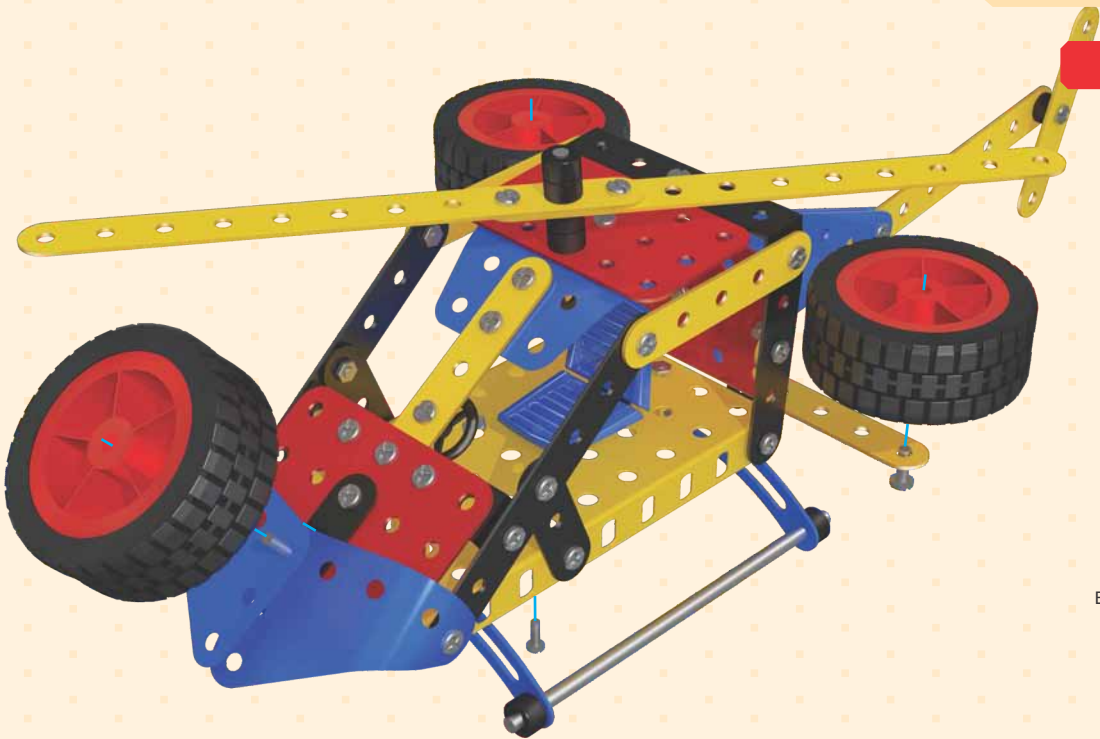


Big screw - 1pc



Small screw - 4pcs

STEP 7

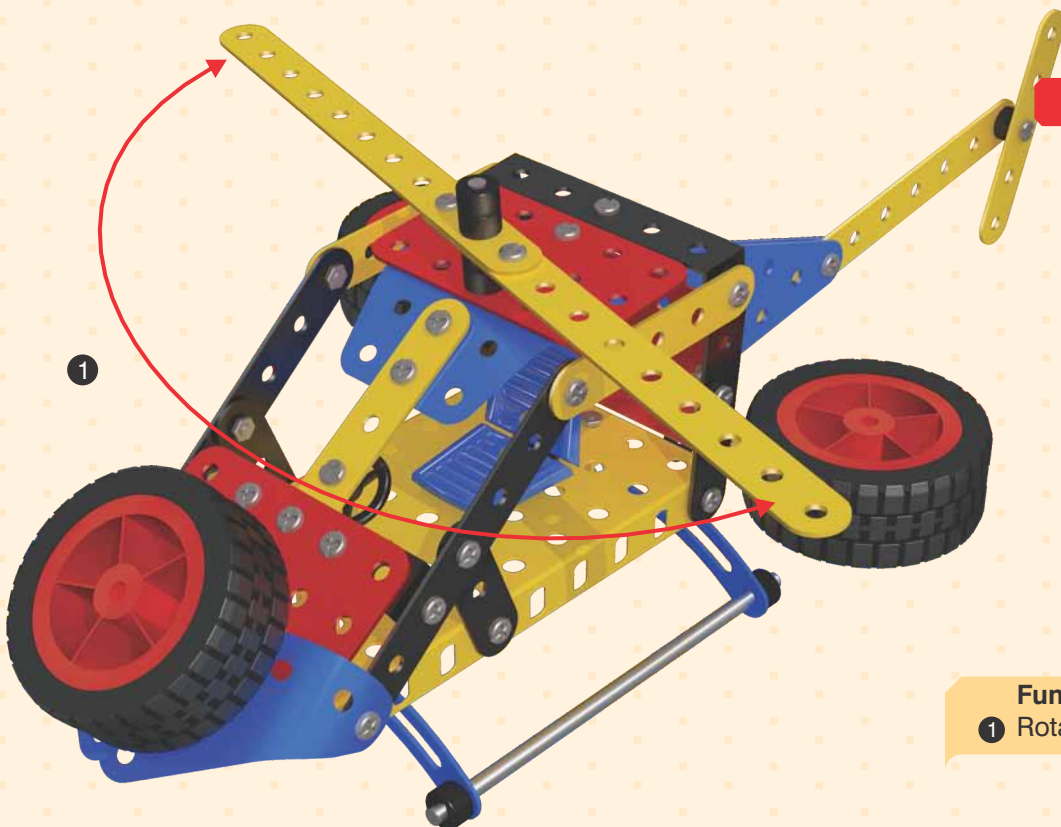


Big Wheels - 3pcs



Big screw - 3pcs

STEP 8

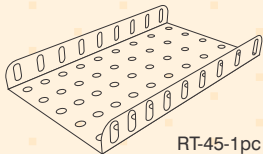


Function

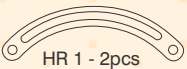
1 Rotating Wing

Fighter Plane

STEP 1



RT-45-1pc



HR 1 - 2pcs



3HB - 1pc



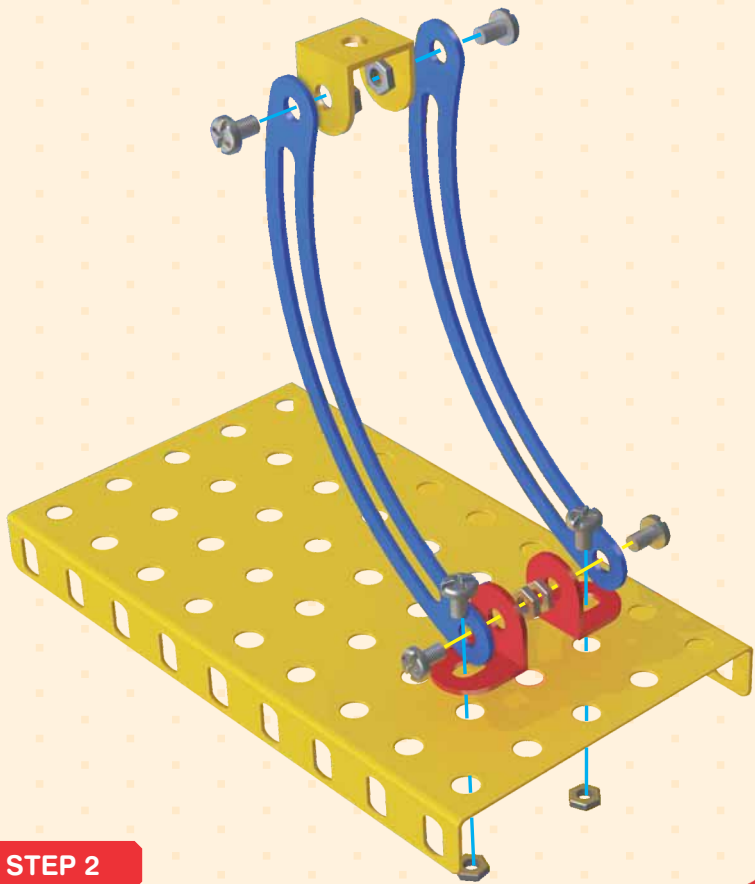
2HB - 2pcs



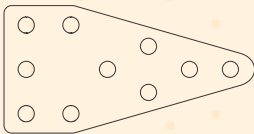
Big screw - 6pcs



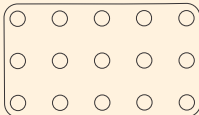
Nuts - 6pcs



STEP 2



TR - 1 - 1pc



SQ 3x5 Rectangle - 1pc



3HB - 1pc



Big screw - 1pc



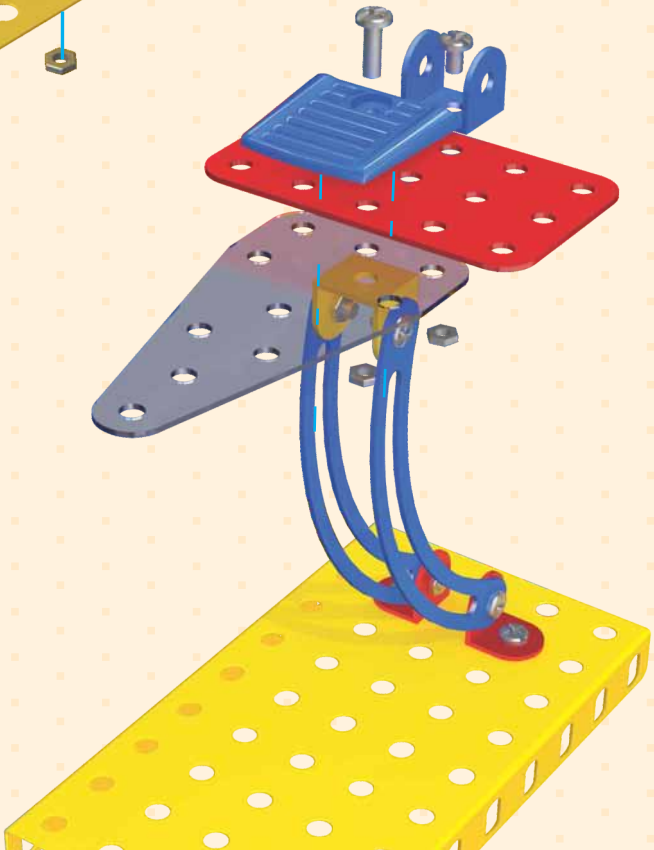
Driver seat - 1pc



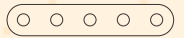
Nuts - 2pcs



Small screw - 1pc



STEP 3



5H - 2pcs



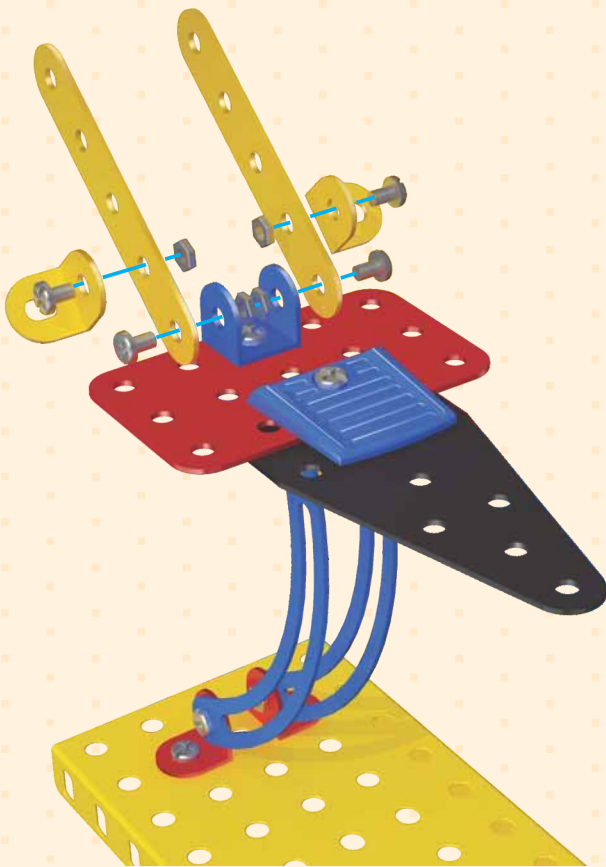
2HB - 2pcs



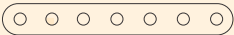
Small screw - 4pcs



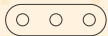
Nuts - 4pcs



STEP 4



7H - 2pcs



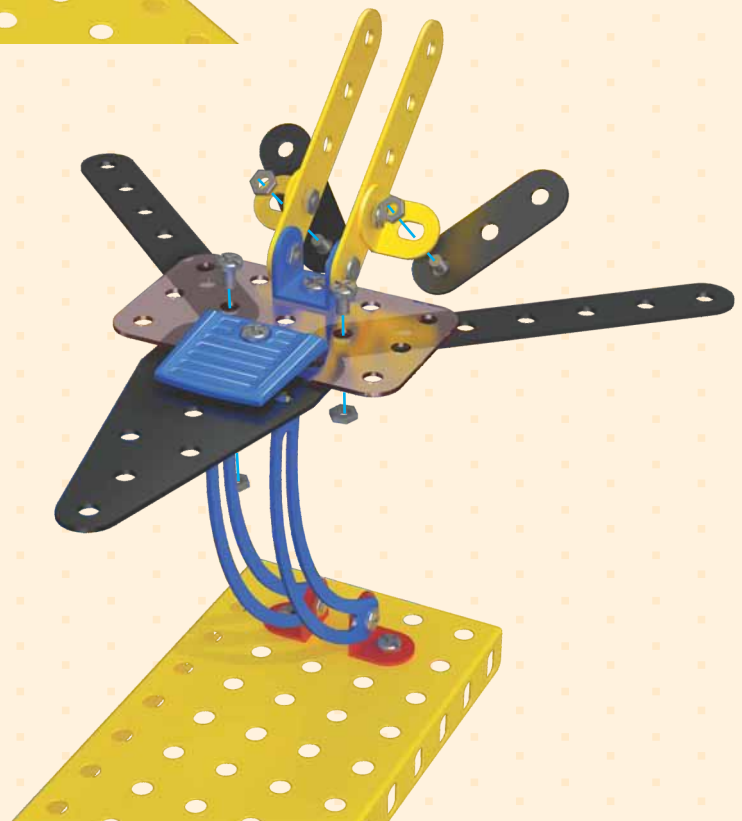
3H - 2pcs



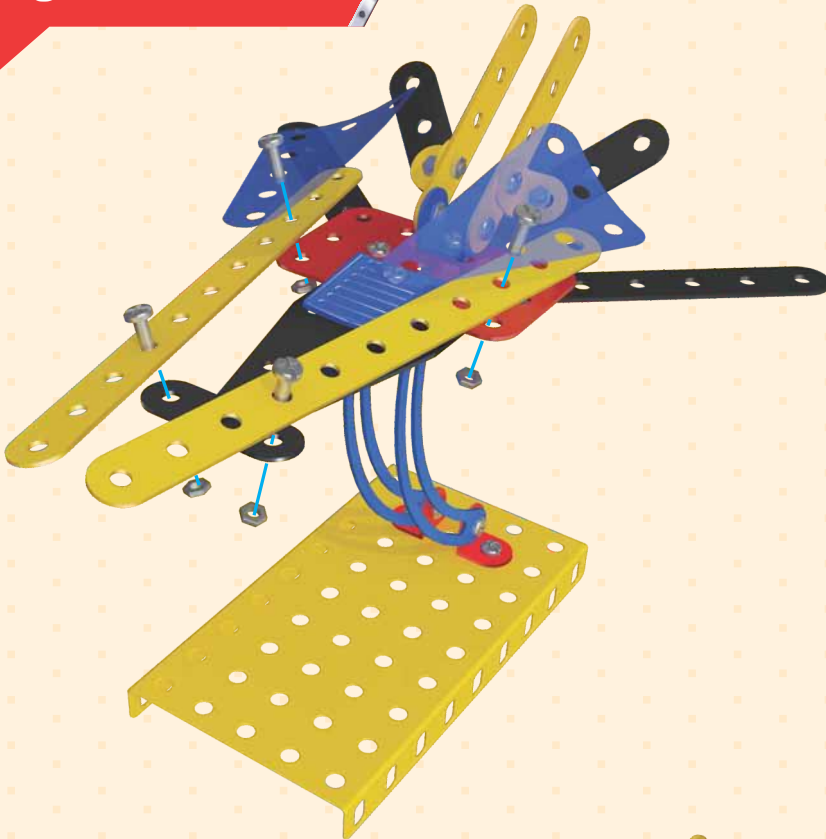
Small screw - 4pcs



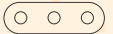
Nuts - 4pcs



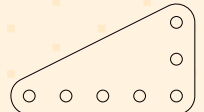
Fighter Plane



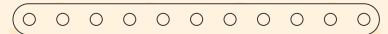
STEP 5



3H - 1pc



PVC Triangle - 2pcs



11H - 2pcs



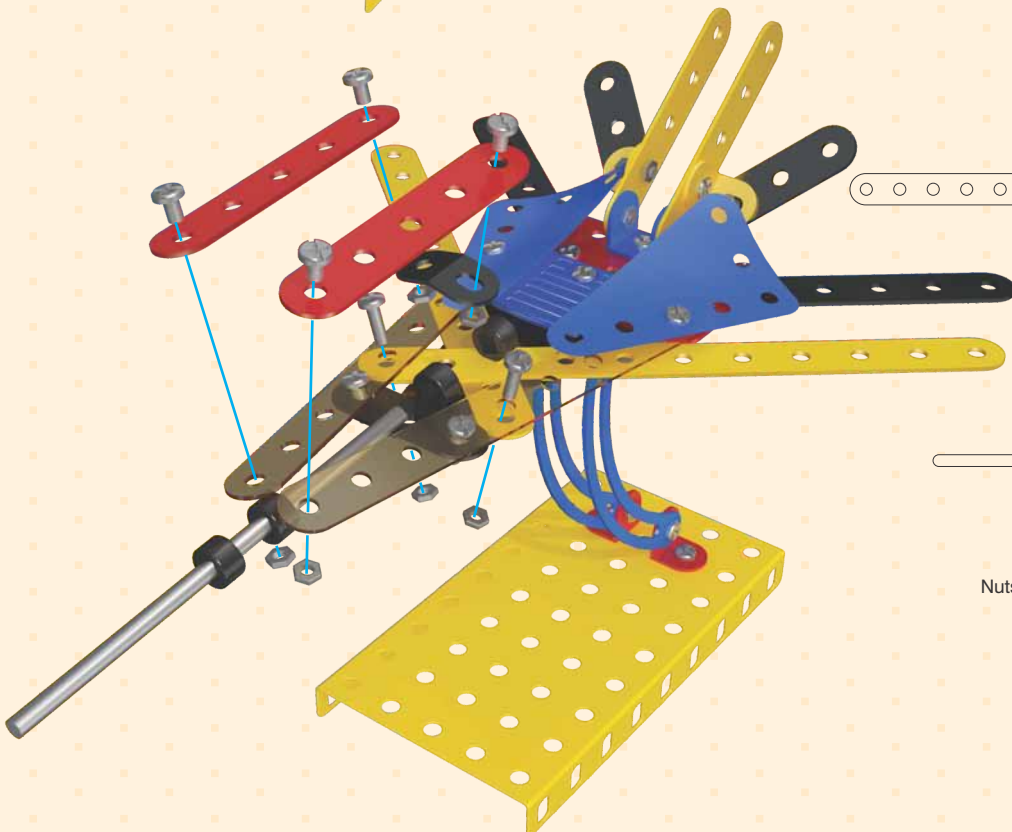
Big screw - 4pc



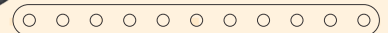
Small screw - 1pc



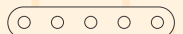
Nuts - 5pcs



STEP 6



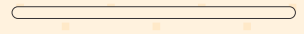
11H - 2pcs



5H - 2pcs



2HB(45°) - 1pc



Shaft - (110 mm) - 1pc



Nuts - 6pcs



Washer - 4pcs

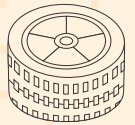


Big screw - 2pcs



Small screw - 4pcs

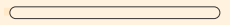
STEP 7



Big Wheels - 2pcs



2HB - 2pcs



Shaft - 2 (80 mm) - 2pcs



Nuts - 2pcs



Washer - 4pcs



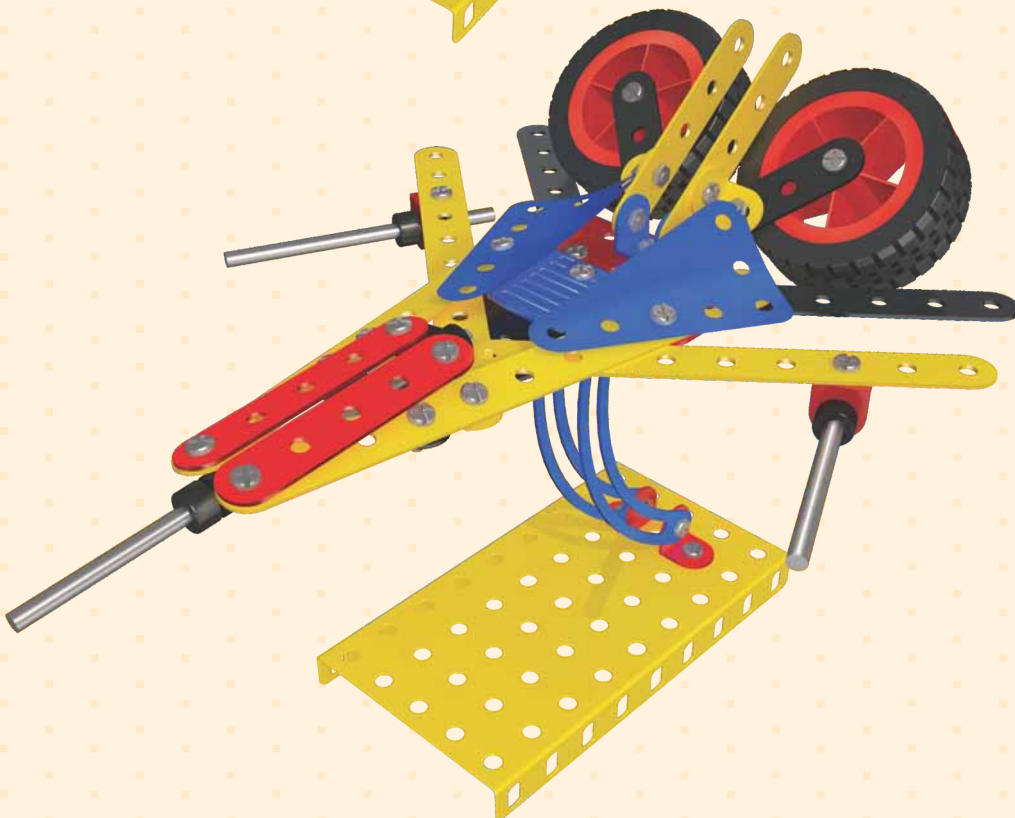
Big screw - 2pcs



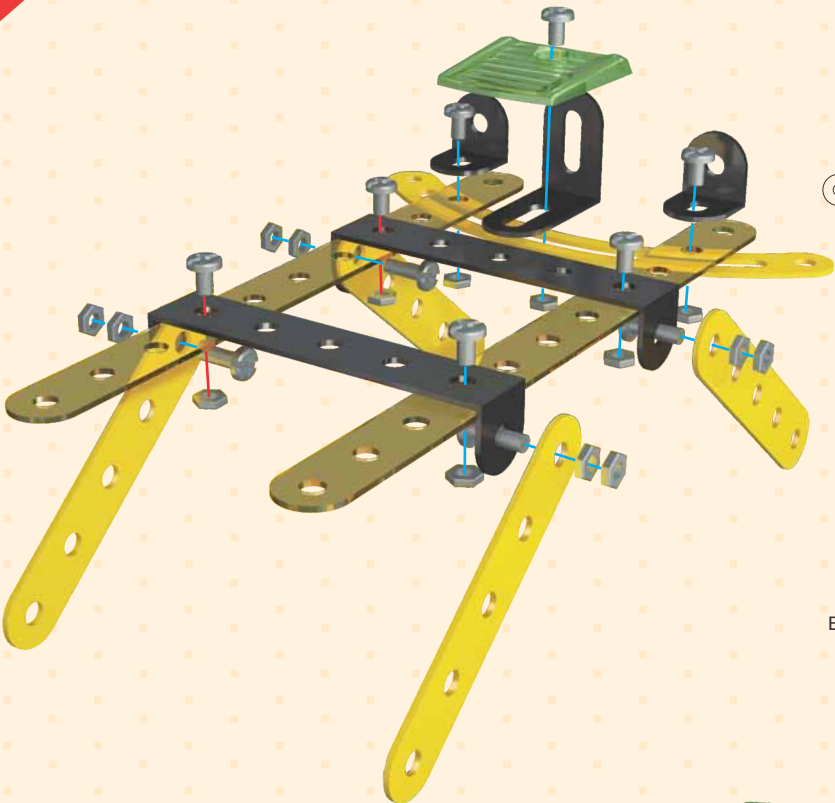
Small screw - 4pcs



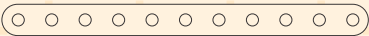
STEP 8



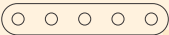
Suspension car



STEP 1



11H - 2pcs



5H - 4pcs



Car Seat Holder - 1pc



2HB - 2pcs



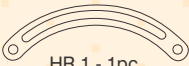
Nuts - 15pcs



Driver seat - 1pc



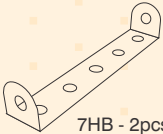
Big screw - 4pcs



HR 1 - 1pc



Small screw - 7pcs



7HB - 2pcs

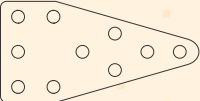
STEP 2



3H - 2pcs



2HB(45°) - 1pc



TR - 1 - 1pc



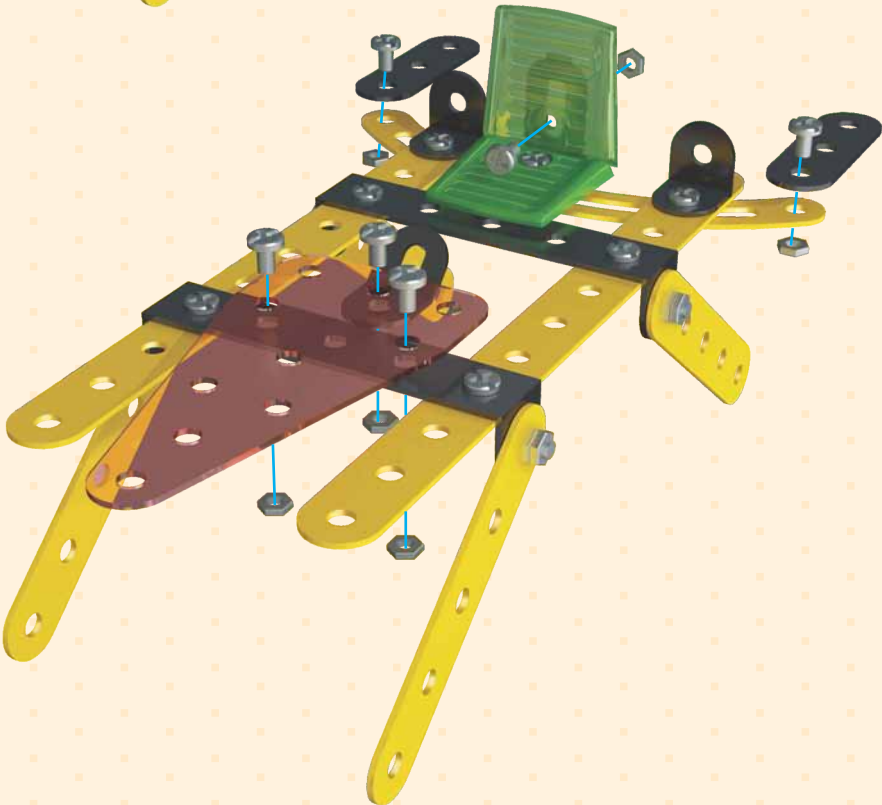
Driver seat - 1pc



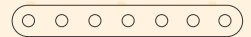
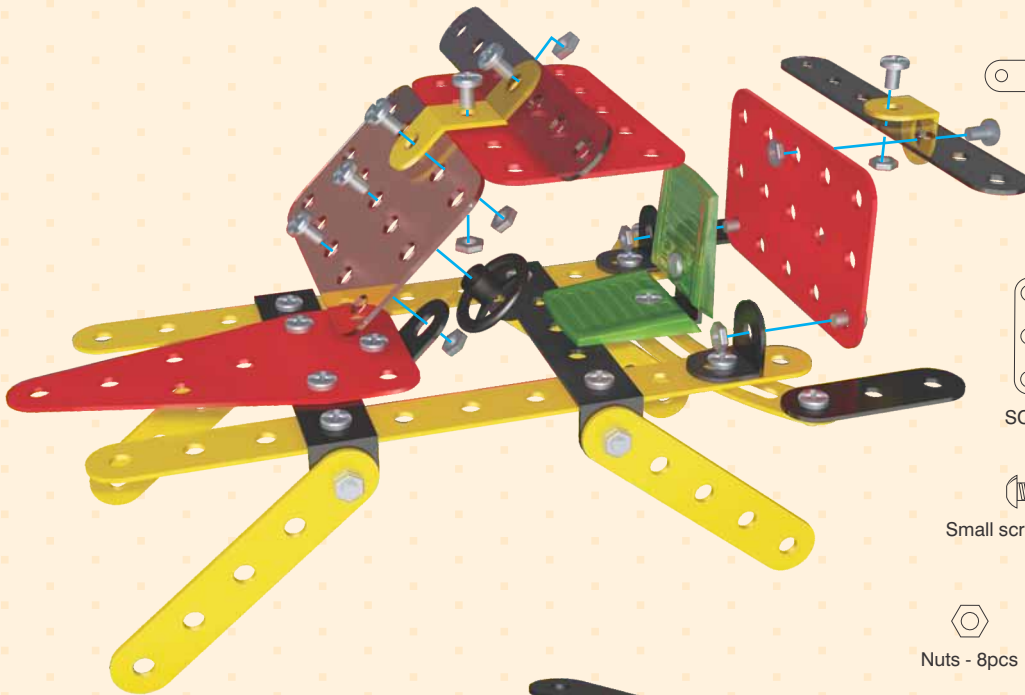
Small screw - 6pcs



Nuts - 6pcs



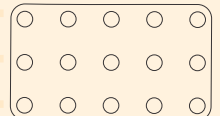
STEP 3



7H - 2pcs



3ZS - 1pc



SQ 3x5 Rectangle - 3pcs



Small screw - 9pcs



2HB - 1pc

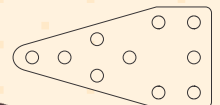
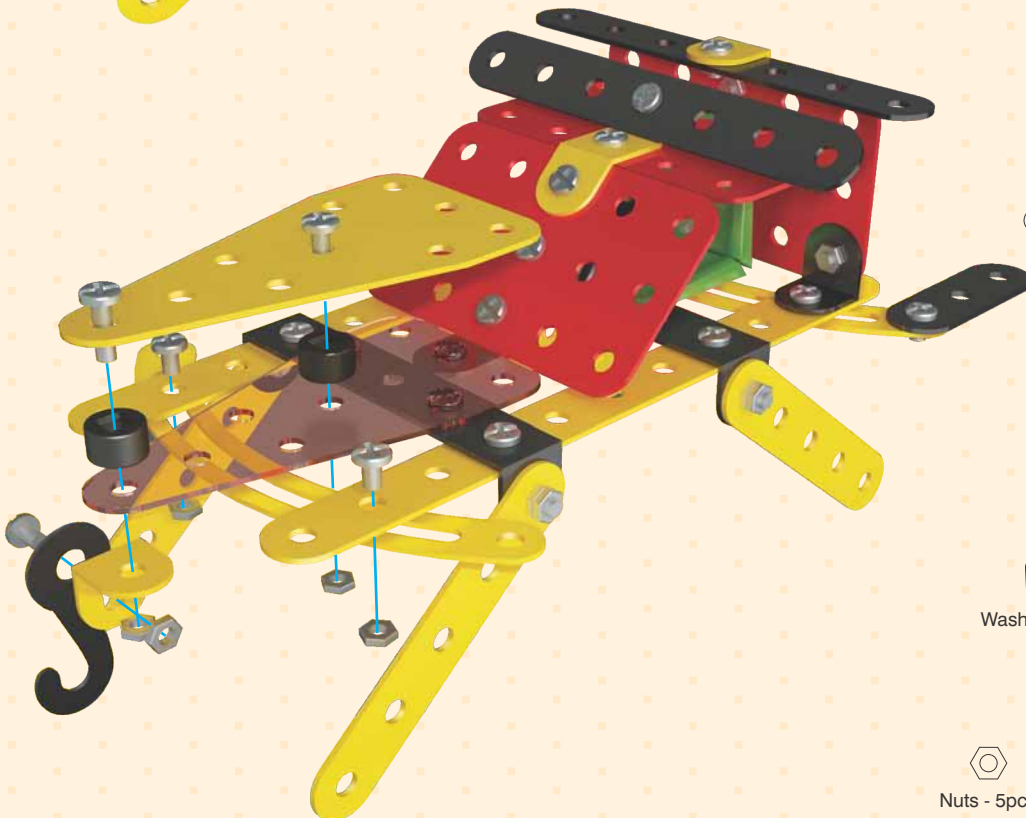


Nuts - 8pcs



Steering wheel - 1pc

STEP 4



TR - 1 - 1pc



Hook - 1pc



HR 1 - 1pc



Washer - 2pcs



2HB - 1pc



Big screw - 2pcs



Nuts - 5pcs

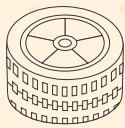


Small screw - 3pcs

Suspension car

STEP 5

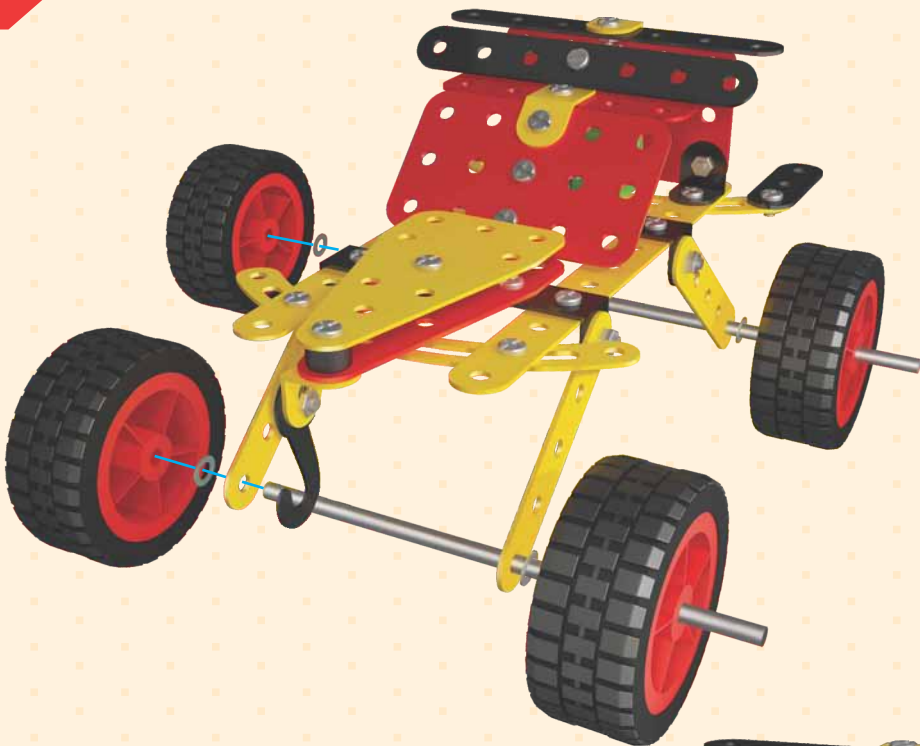
Shaft - 3 (110 mm) - 2pcs



Big Wheels - 4pcs



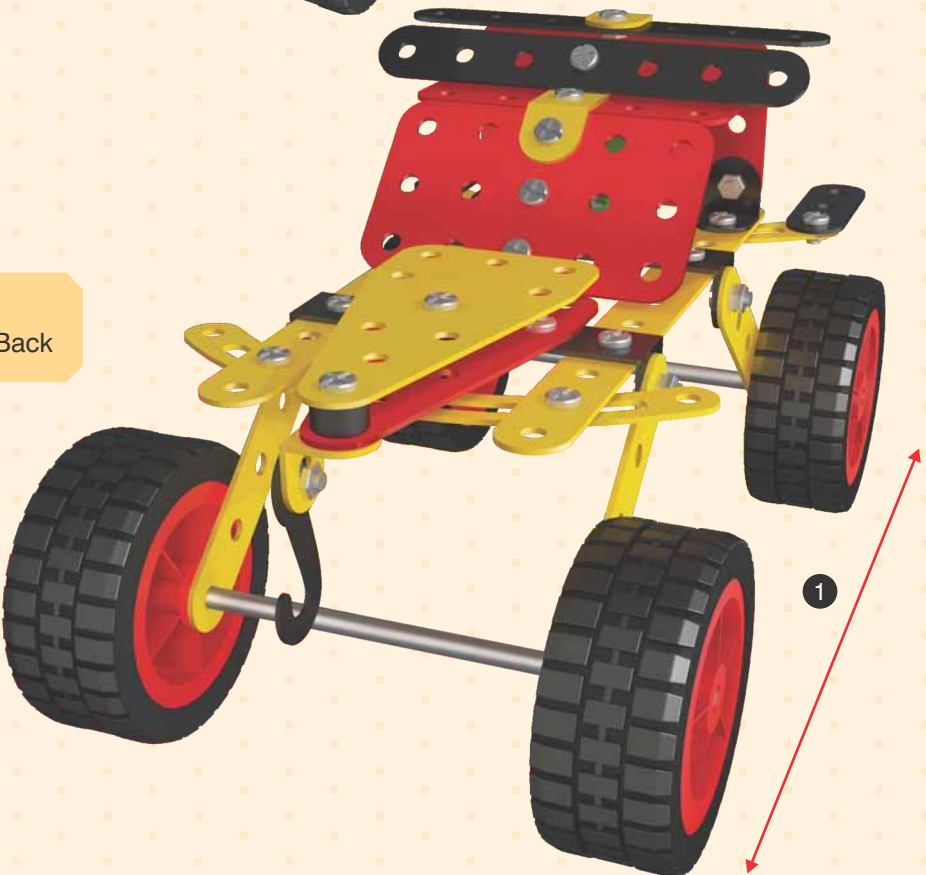
Metal Washer - 4pcs



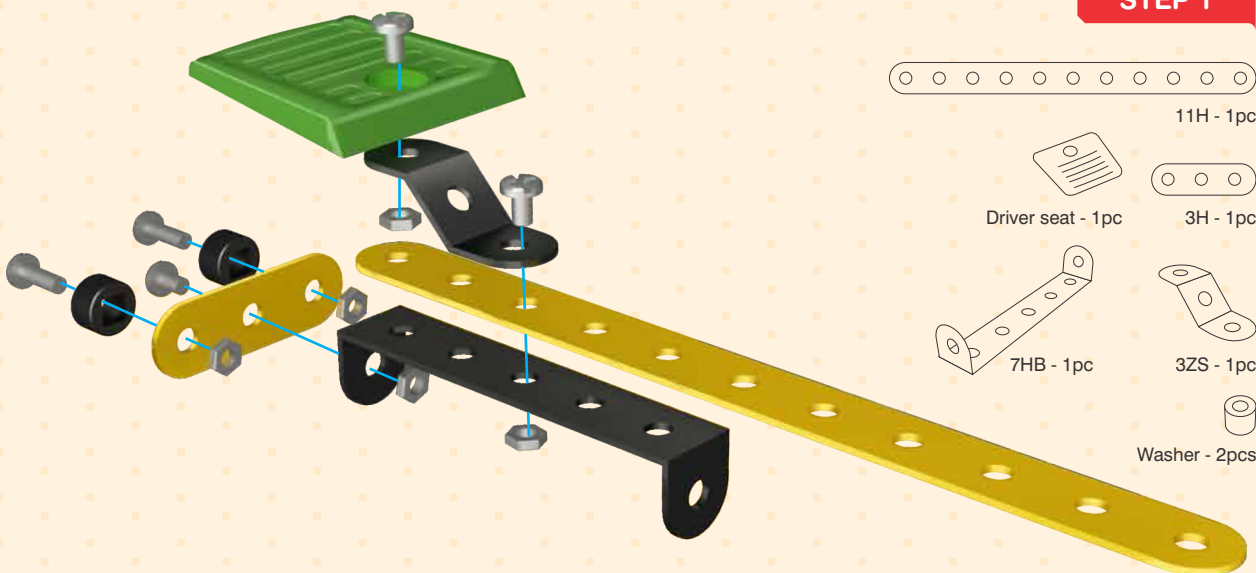
STEP 6

Functions

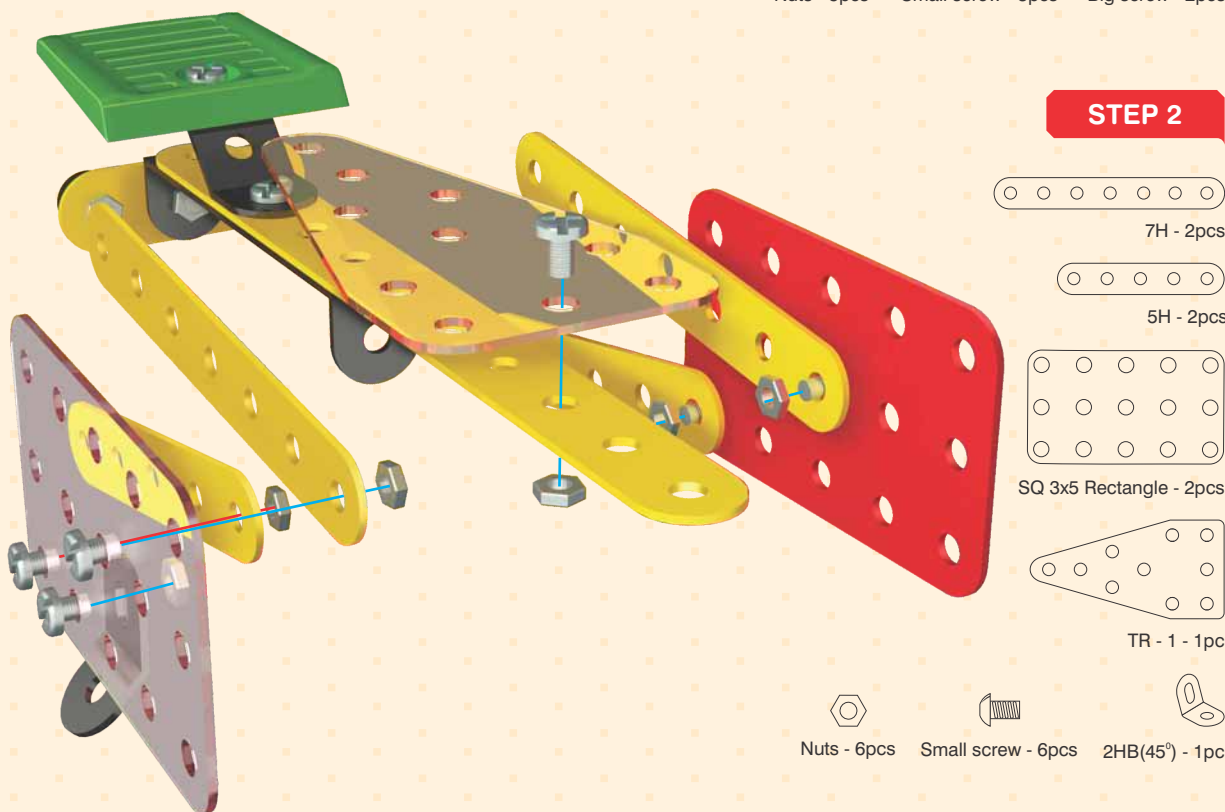
- 1 Moves Front and Back



STEP 1



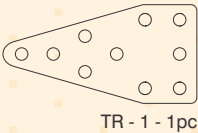
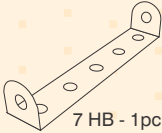
STEP 2



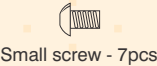
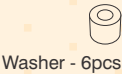
Motorbike

Gently bend the 11H strip downwards to make the screw fit tightly

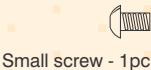
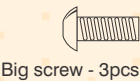
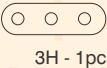
STEP 3



Shaft - 2 (80 mm) - 1pc



STEP 4



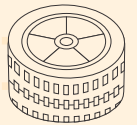
STEP 5

Shaft - 1 (40 mm) - 1pc

Shaft - 2 (80 mm) - 1pc



Metal Washer - 4pcs



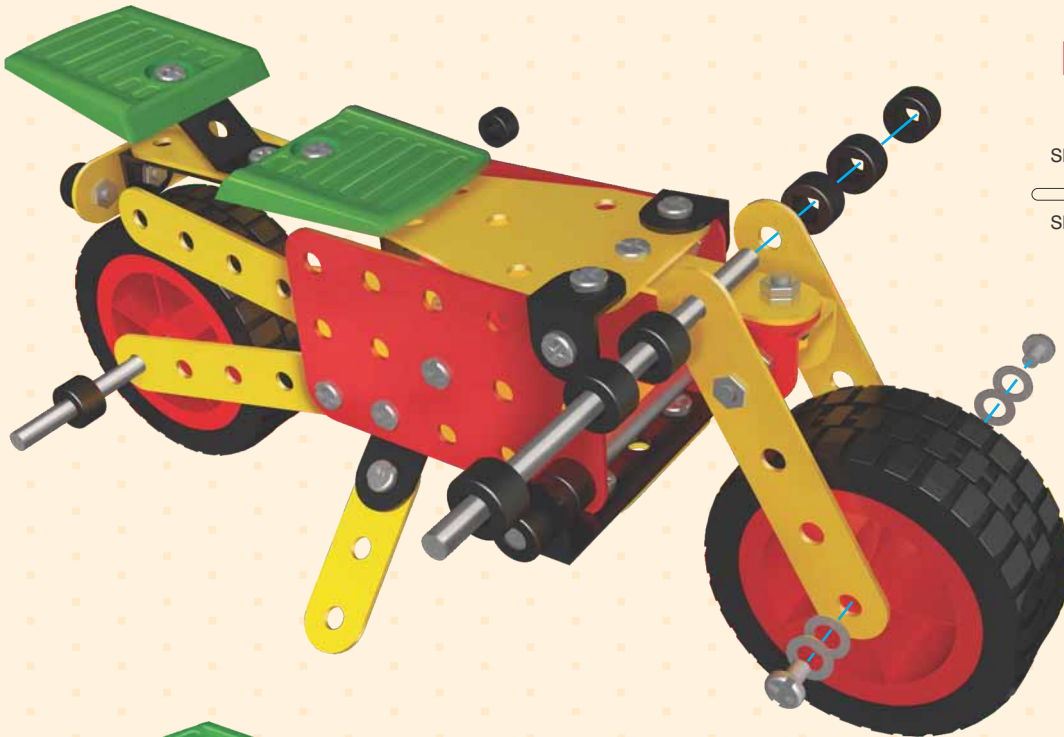
Big Wheels - 2pcs



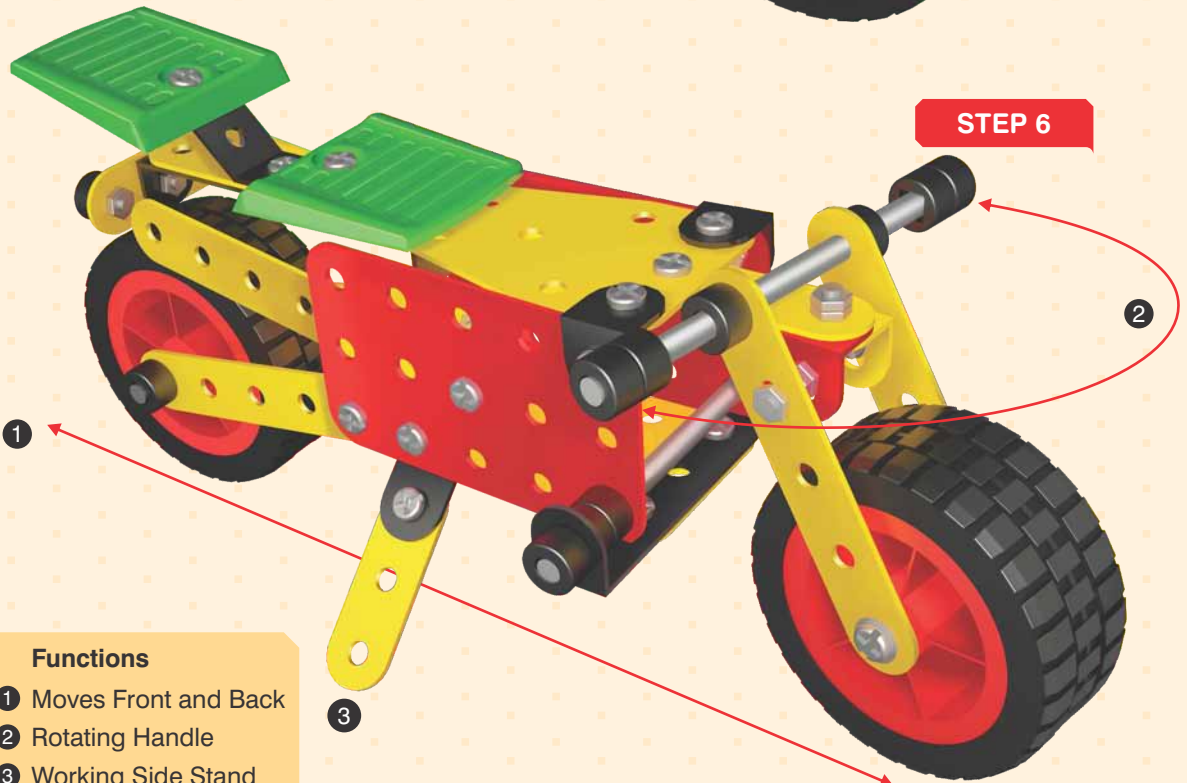
Washer - 8pcs



Small screw - 2pcs



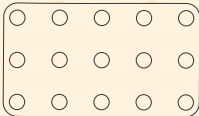
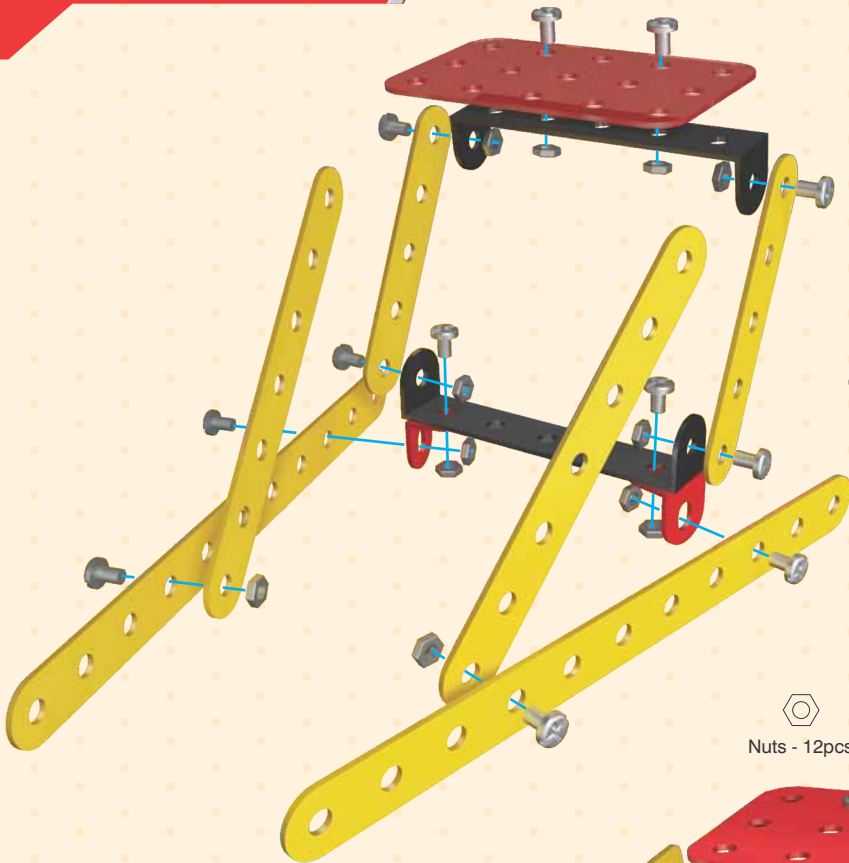
STEP 6



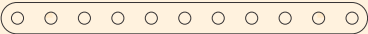
Functions

- ① Moves Front and Back
- ② Rotating Handle
- ③ Working Side Stand

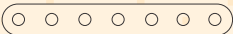
STEP 1



SQ 3x5 Rectangle - 1pc



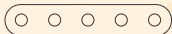
11H - 2pcs



7H - 2pcs



2HB - 2pcs



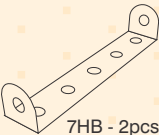
5H - 2pcs



Nuts - 12pcs

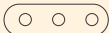


Small screw - 12pcs



7HB - 2pcs

STEP 2



3H - 2pcs



Car Seat Holder - 1pc



2HB - 2pcs



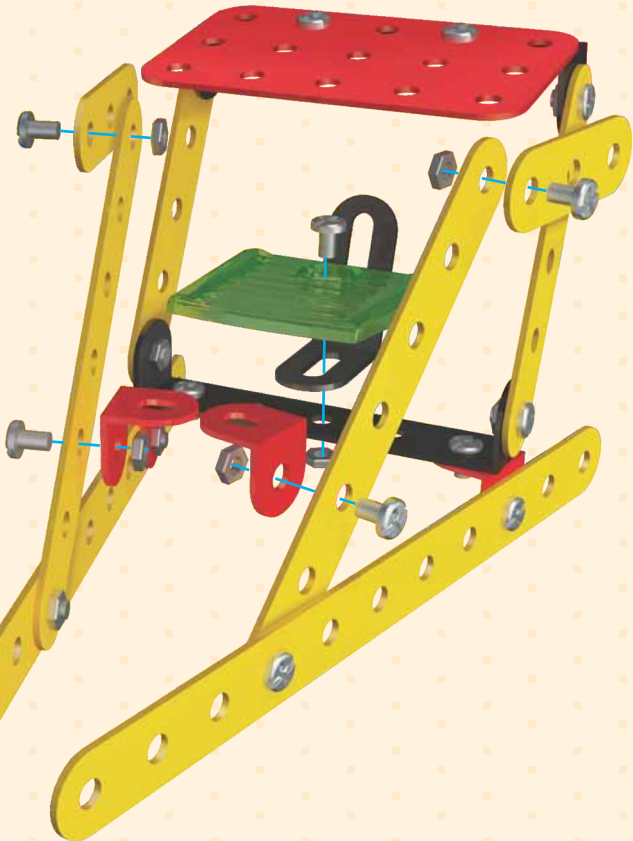
Driver seat - 1pc



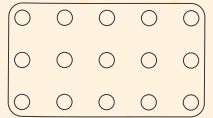
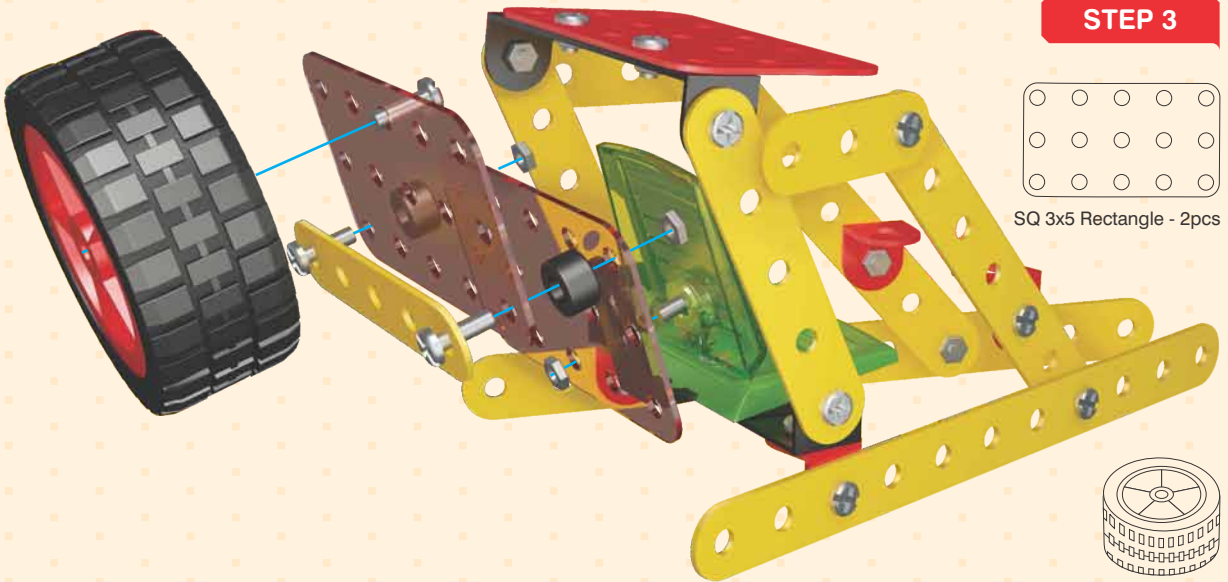
Small screw - 5pcs



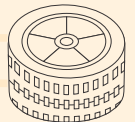
Nuts - 5pcs



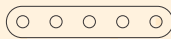
STEP 3



SQ 3x5 Rectangle - 2pcs



Big Wheels - 1pc



5H - 1pc



Driver seat - 1pc



Nuts - 3pcs



Small screw - 1pc



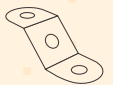
Big screw - 3pcs



Washer - 2pcs



STEP 4



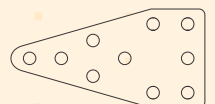
3ZS - 1pc



2HB(45°) - 1pc



Steering wheel - 1pc



TR - 1 - 2pcs



Nuts - 5pcs



Small screw - 6pcs

STEP 5

Shaft - 1 (40 mm) - 1pc

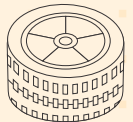
Shaft - 2 (80 mm) - 1pc



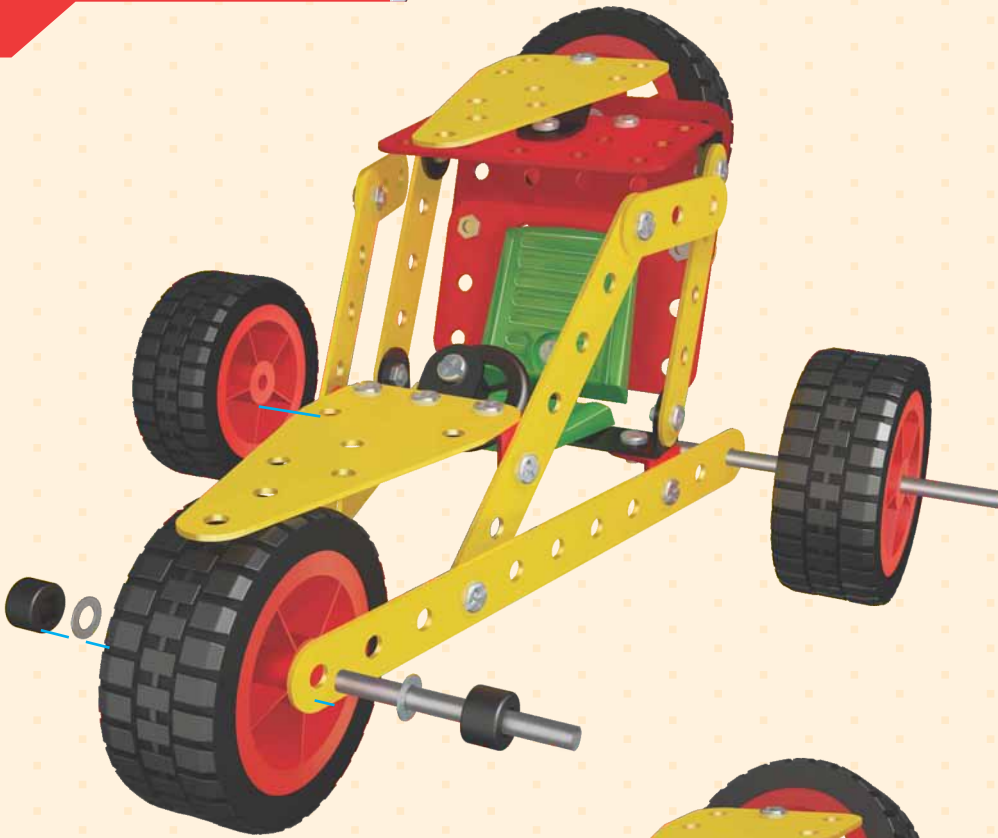
Metal Washer - 2pcs



Washer - 2pcs



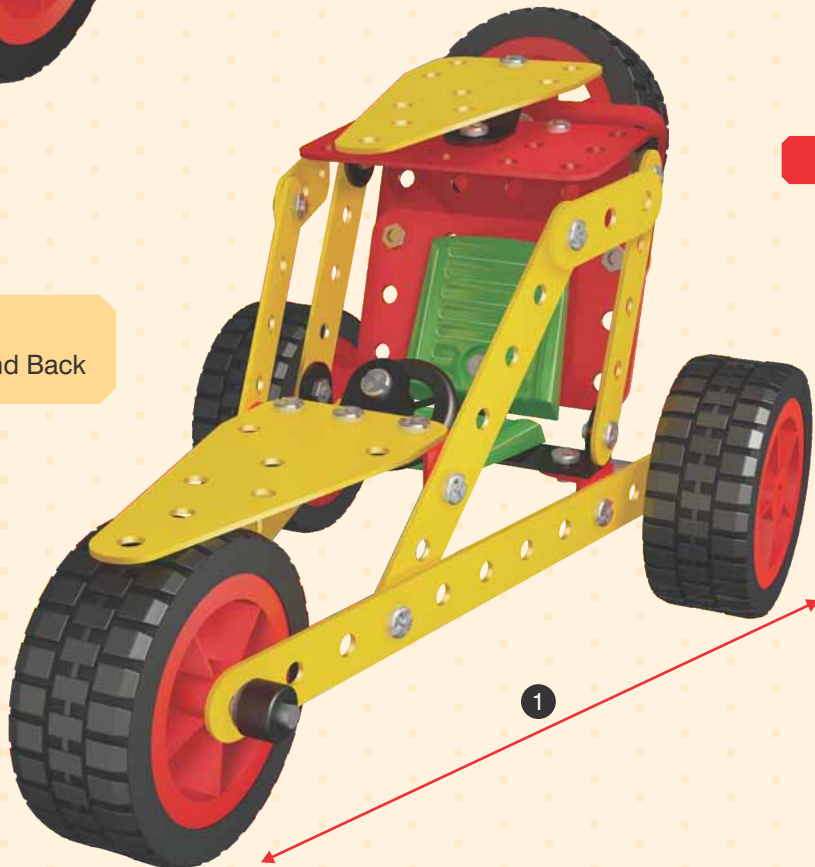
Big Wheels - 3pcs



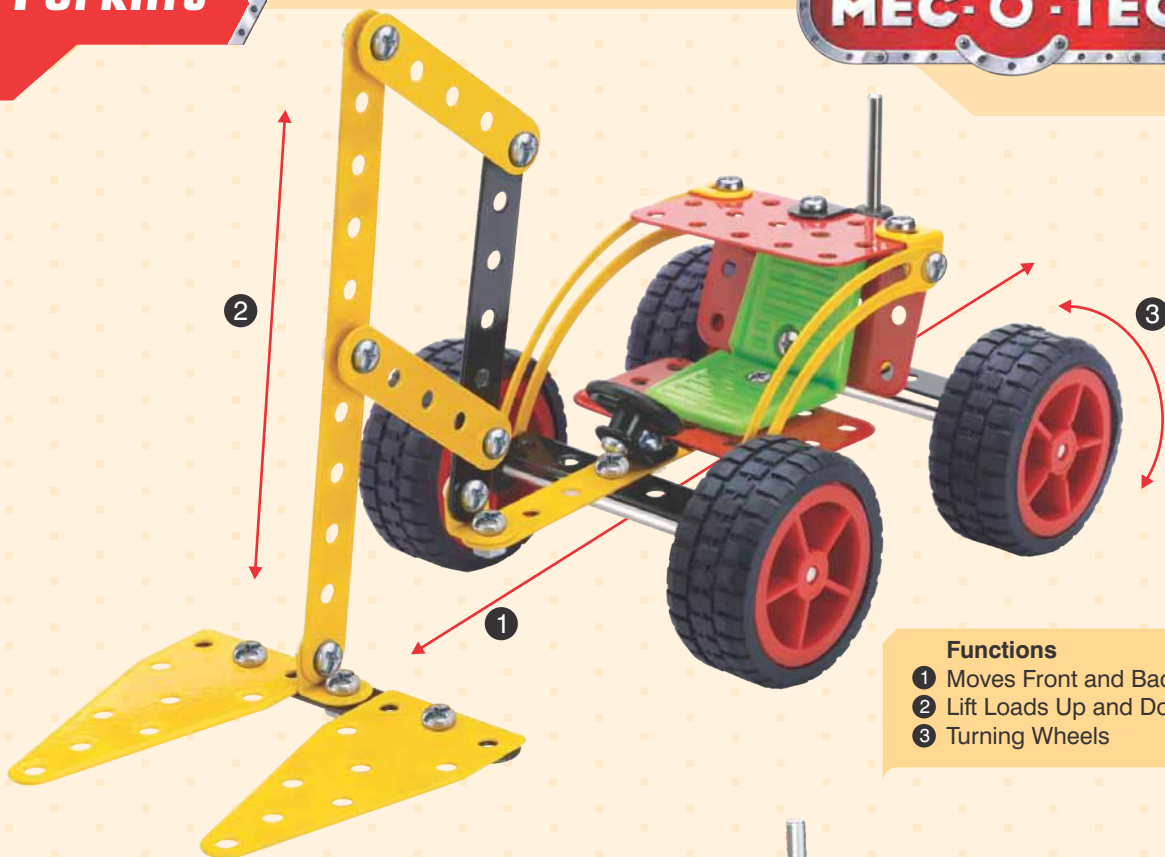
STEP 6

Functions

- 1 Moves Front and Back



Forklift



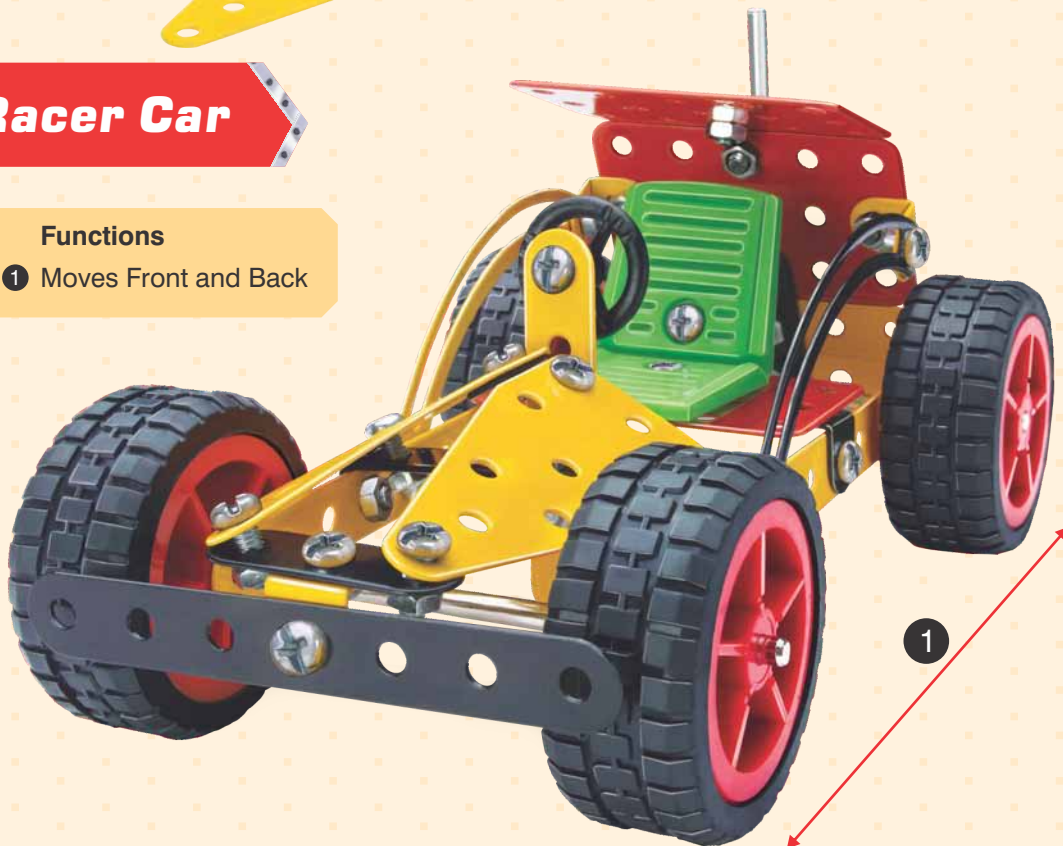
Functions

- 1 Moves Front and Back
- 2 Lift Loads Up and Down
- 3 Turning Wheels

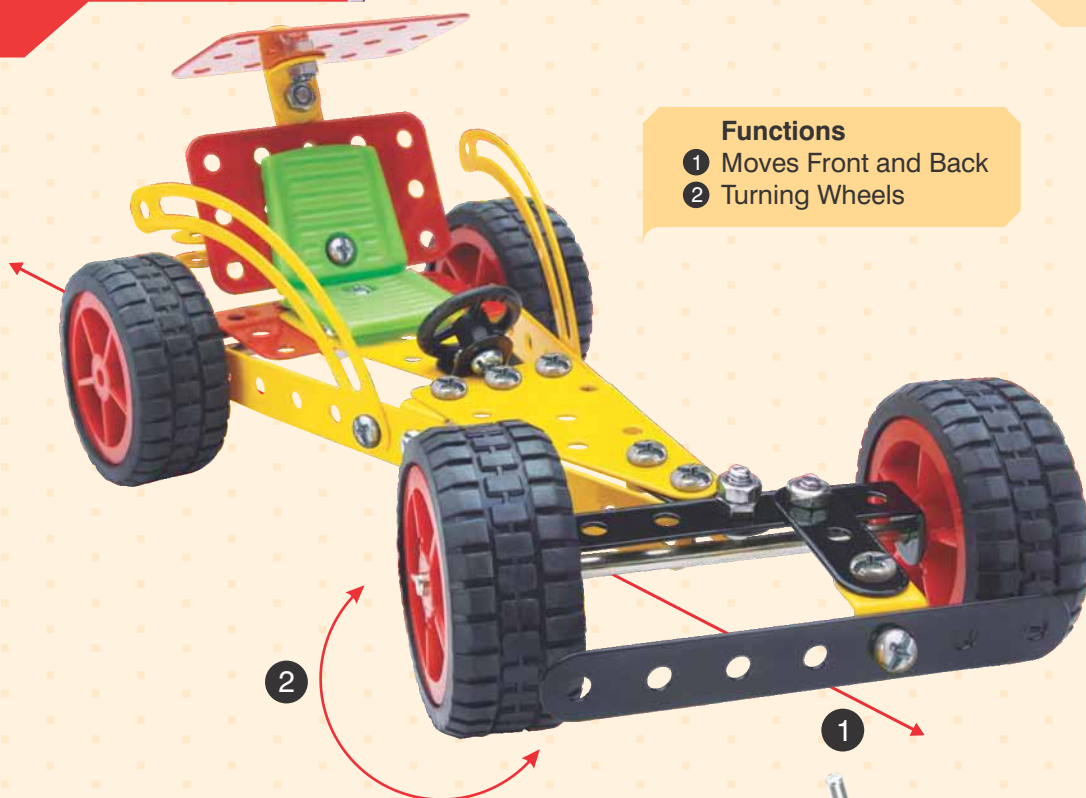
Racer Car

Functions

- 1 Moves Front and Back



Classic Car



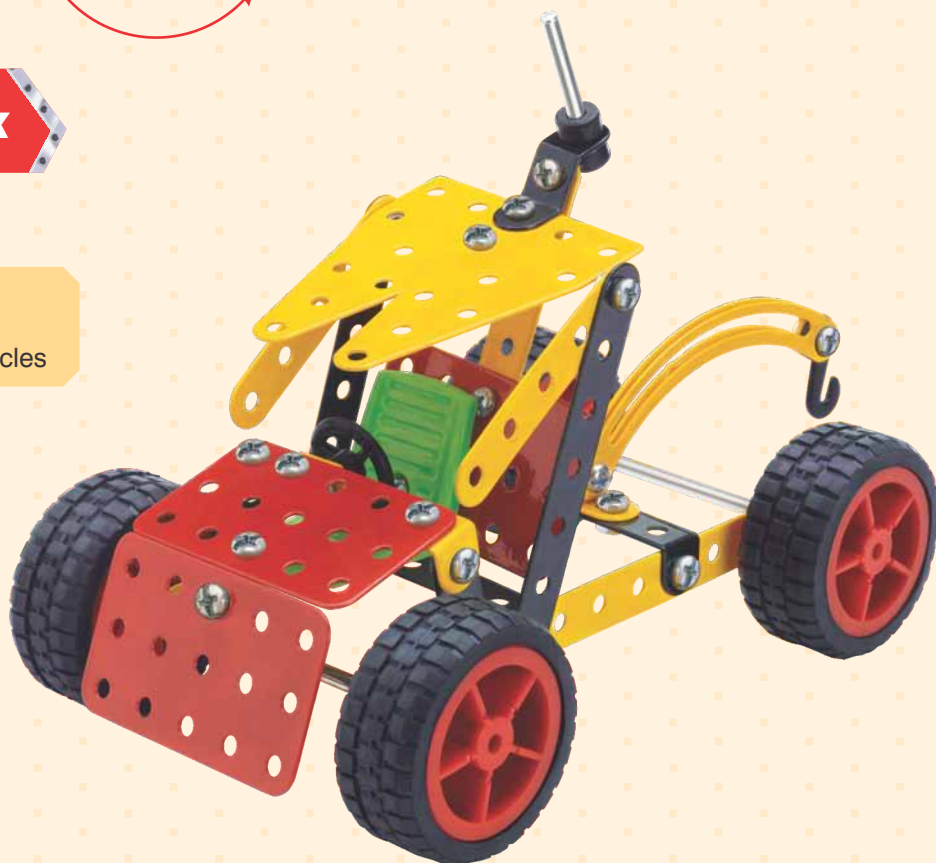
Functions

- 1 Moves Front and Back
- 2 Turning Wheels

Tow Truck

Functions

- 1 Front and Back
Tows Other Vehicles

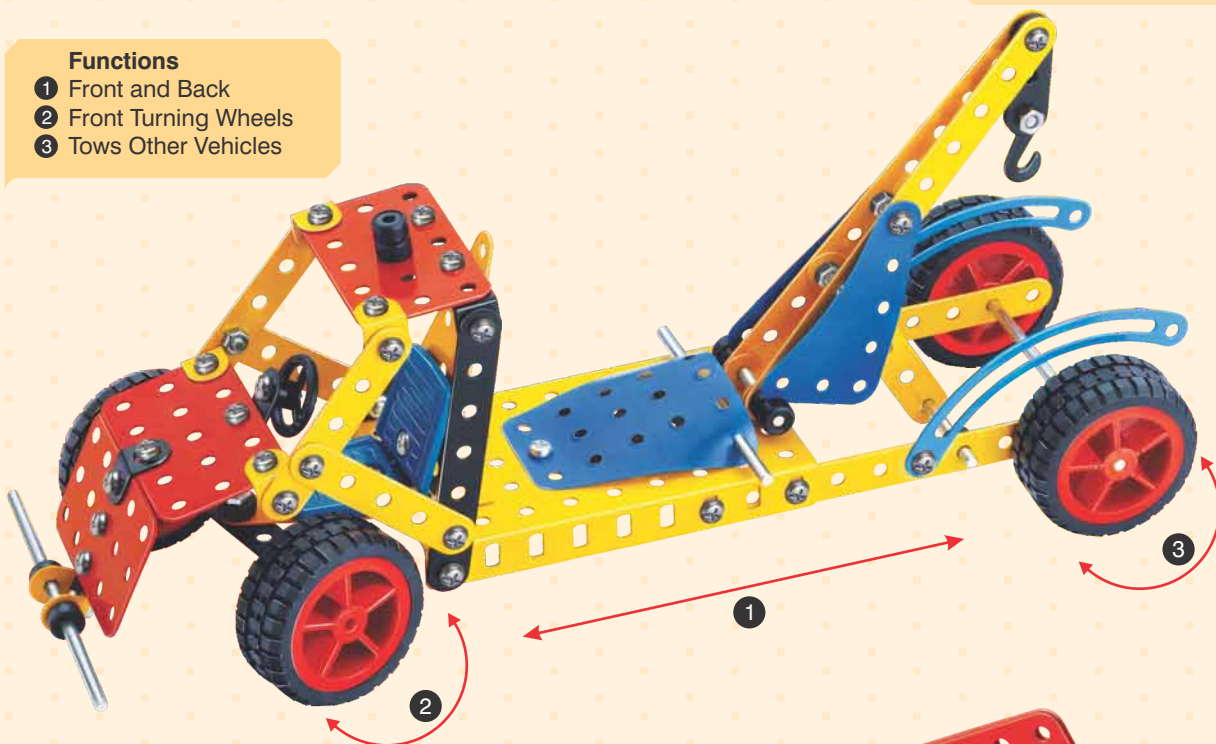


Heavy Towvan



Functions

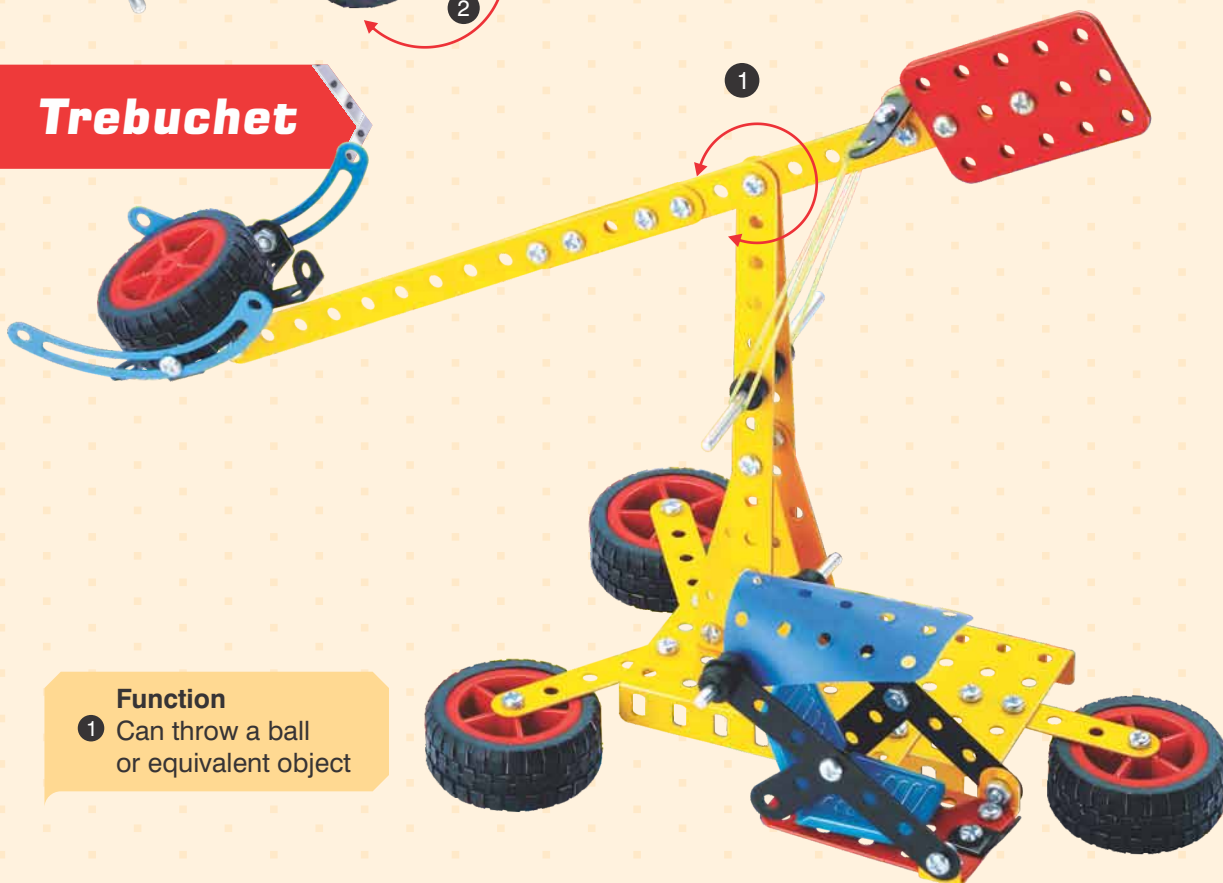
- 1 Front and Back
- 2 Front Turning Wheels
- 3 Tows Other Vehicles



Trebuchet

Function

- 1 Can throw a ball or equivalent object



Crane

Function

- 1 Up and Down of Hook with Load

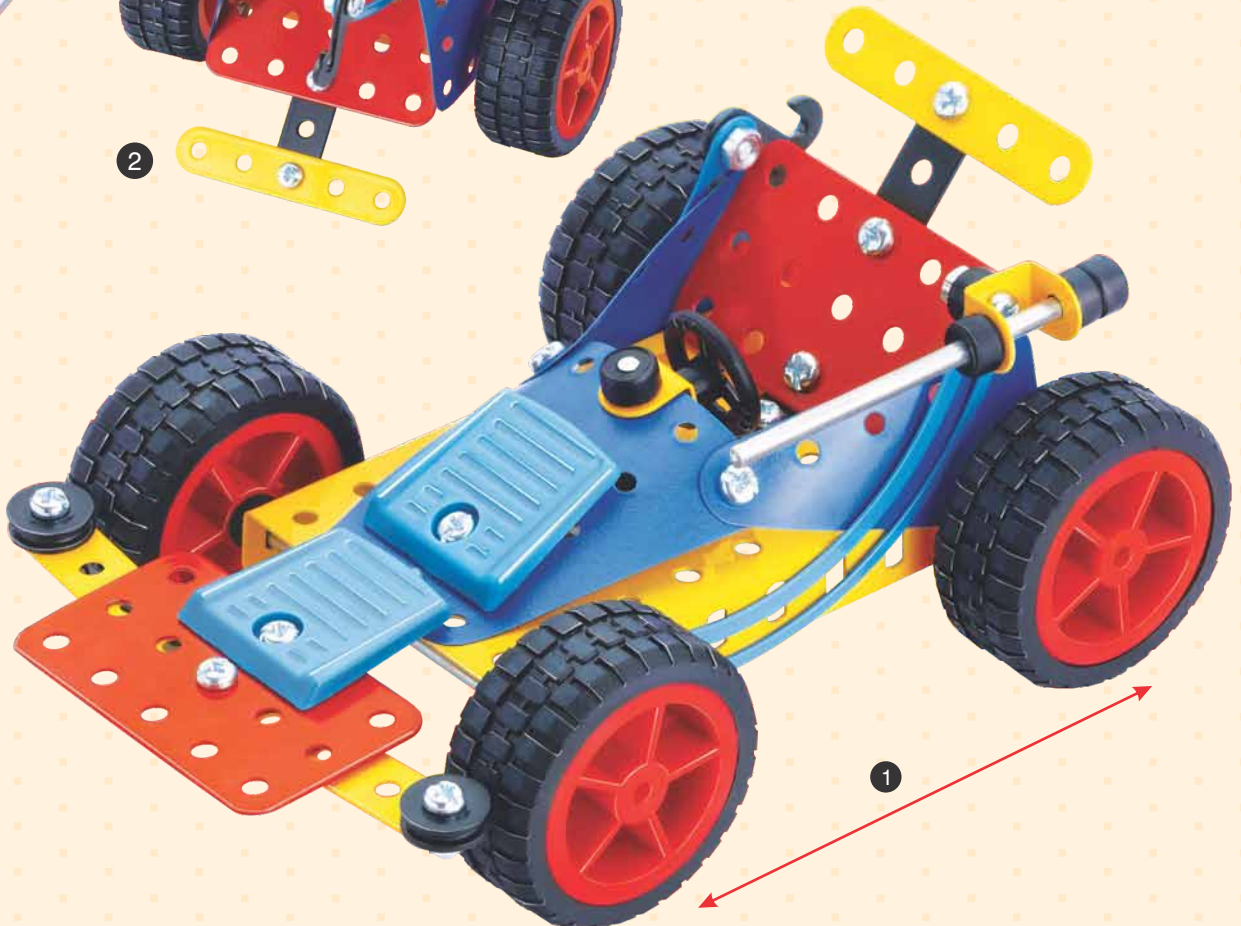
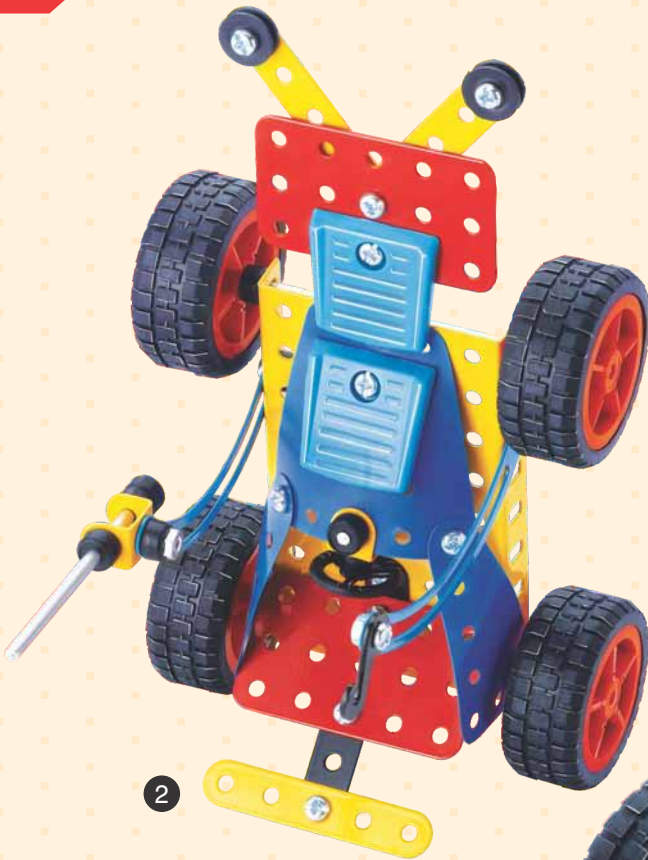


Robot - Cum Car



Function

- 1 Front and Back
- 2 Stands up as a Robot





METAL CONSTRUCTIONS SETS

RANGE OF PRODUCTS



MEC-O-TEC : MILITARY 1



MEC-O-TEC : MILITARY 2



MEC-O-TEC : SET 1



MEC-O-TEC : JUST CRANES



MEC-O-TEC : VINTAGE



MEC-O-TEC : SET 2



MEC - O - TEC : SET 4



**H2O ROBOTIC ARM
(D.I.Y. SCIENCE KIT)**



MEC - O - TEC : BIKES



**Get Creative.
Get Constructive.**



AWARDS IN ONE YEAR!

Toys Box is proud to have made a clean sweep with 6 awards at the TAITMA 2015 Annual Awards show! We have won in 6 categories and would like to thank our distributors, Prem Ratna & Rup Ratna, and all our retailers who have made this possible! We look forward to making more of such popular products in the coming year as well!



Shabbir Gabajiwala | Toys Box, Founder

★ ★ OUR WINNING PRODUCTS ★ ★

Model Construction &
General Activity Toys



MEC-O-TEC SET 2

Infant &
Preschool Toys



BUTTON IT RIGHT

Hobbies & Craft



MY BEAUTIFUL FLOWERS

Model Construction &
General Activity Toys



TALENT BLOCKS

Educational
Toys



THINK -3

Indoor Games



TRAP

MEC-O-TEC

