



Pack 05

BUILD INSTRUCTIONS

**STAGE 33: THE FRONT LEFT WHEEL -
'64 KNOCK-OFF**

**STAGE 34: THE FRONT RIGHT WHEEL -
'64 KNOCK-OFF**

**STAGE 35: FITTING THE FRONT LEFT
FENDER WELL**

**STAGE 36: FITTING THE FRONT RIGHT
FENDER WELL**

**STAGE 37: PREPARING THE
SPARE WHEEL MOUNT**

**STAGE 38: ASSEMBLING THE
SPARE WHEEL HOLDER**

STAGE 39: ADDING THE SPARE WHEEL

**STAGE 40: MOUNTING THE BATTERY
COMPARTMENT AND SPEAKER**

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Advice from the experts

Spare screws are included with each part. Occasionally, you may be instructed to keep spare or unused screws for a later stage. Keep these spares in a safe place and label them correctly.

Please make sure you don't mix up the screws. They look quite similar, but the threads do vary slightly. Using the wrong screws may damage the parts.

When securing parts together using multiple screws, fit each screw loosely to ensure all the parts are correctly aligned before gently tightening them firmly, but not overtight, in the order in which you placed them.

The screwdriver can be magnetized by stroking it with a magnet (fridge magnet, etc.) enabling it to hold the screws and make assembly easier.

If a screw is tight going into a metal part, do not force it as you may shear the head off. Remove it and put a tiny smear of Vaseline, soap or light oil on the thread. That will lubricate it and make it easier to drive home.

During the course of this build, you will receive many pieces that you will assemble immediately – following the instructions in the corresponding stage – and other pieces that you should store safely to one side, for use in future assembly stages.

Left and Right! When building your Corvette, the left- or right-hand side refers to that side as if you are sitting in the car.



WARNING: Some parts are assembled using magnets. These magnets can cause serious injury if they are swallowed. Keep away from children. If you suspect a magnet has been swallowed, seek medical help straight away.

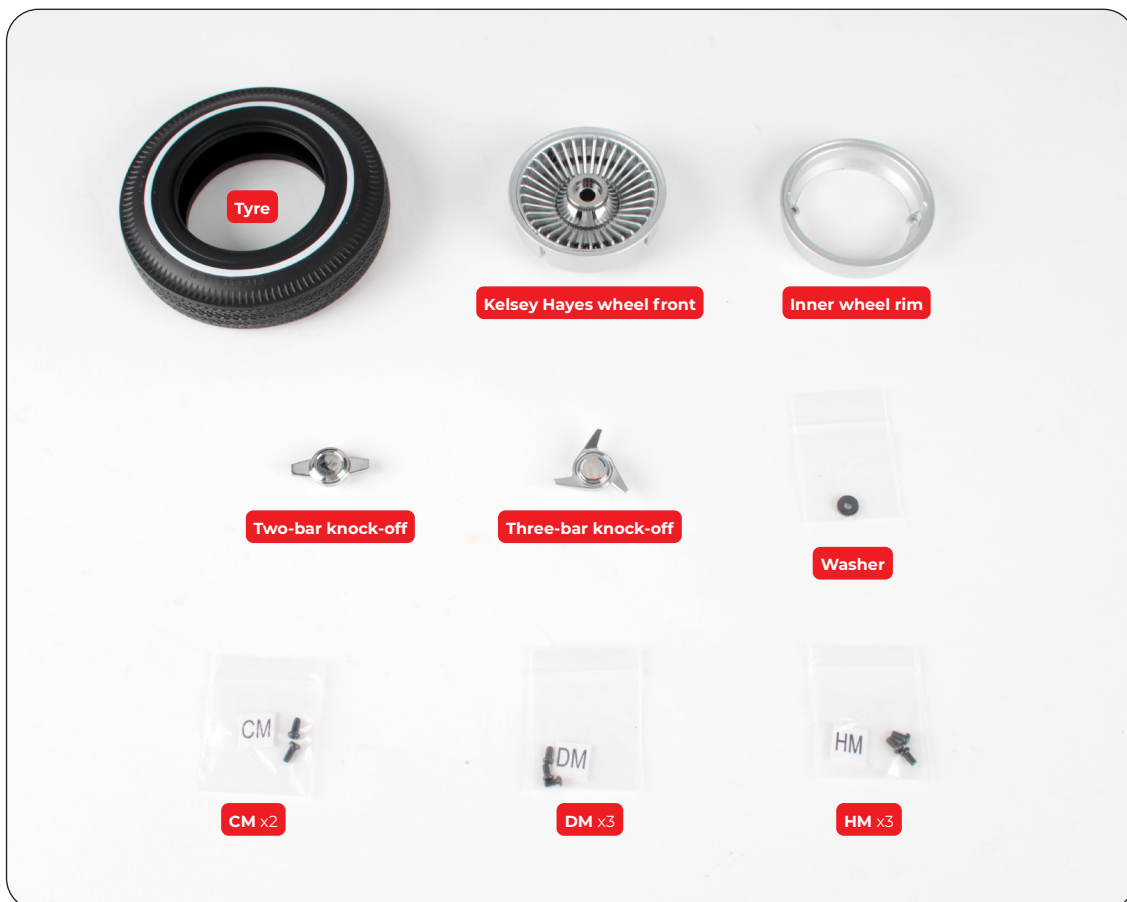
Stage 33: The Front Left Wheel – '64 Knock-Off

In this pack you will start to receive the second set of wheels - the '64 knock offs, originally intended for production models at the time of launch in 1963. We provide instructions for fitting them but you may prefer to keep the original set. The choice is yours! In this first stage you'll assemble the front left wheel.



STAGE 33 PARTS LIST

Name
Tyre
Kelsey Hayes wheel front
Inner wheel rim
Two-bar knock-off
Three-bar knock-off
Washer
CM screws x2
DM screws x3
HM screws x3



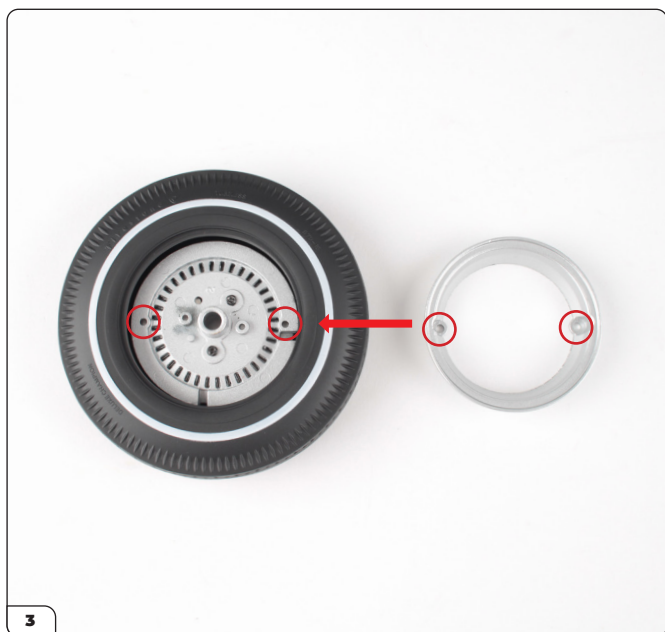
Stage 33: The Front Left Wheel – '64 Knock-Off



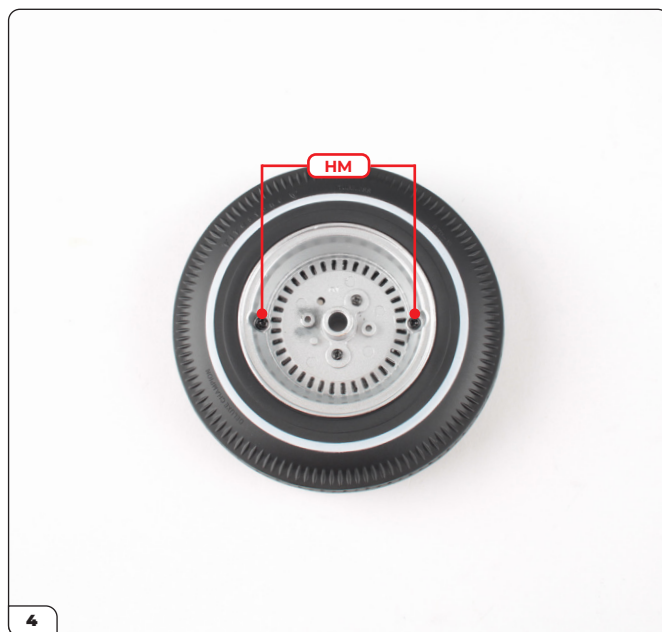
Fit the wheel front into the tyre (arrow).



Press until the wheel front is flush inside the tyre.

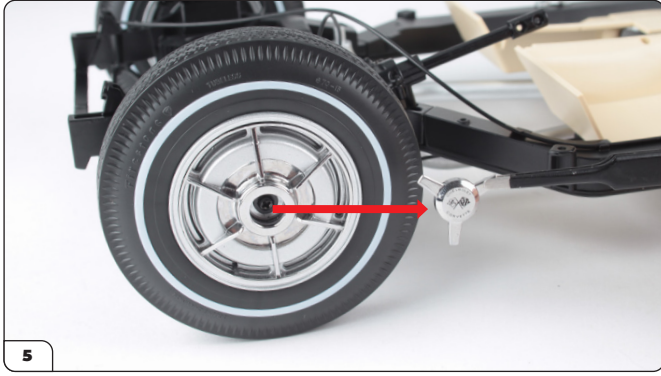


Flip the tyre over and fit the inner wheel rim by aligning the screw holes (circled).



Secure the wheel rim using 2x HM screws.

Stage 33: The Front Left Wheel – '64 Knock-Off



To fit the new wheels, start by removing the three-bar spinner from the original front left wheel (arrow).



Unscrew the CM screw holding the wheel in place as shown.



Remove the wheel then store away the screw, its washer, and the three-bar spinner.



Flip the wheel over and remove the RM screws holding the brake drum in place as shown.

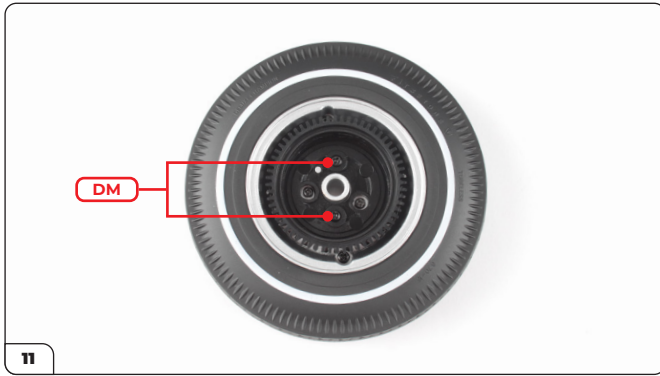


Remove the brake drum as shown, then store away the screws.

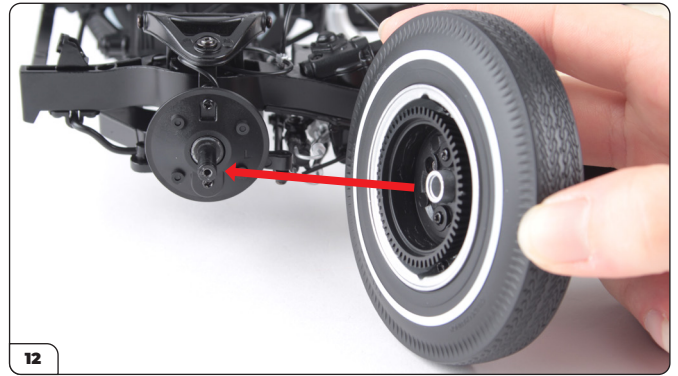


Align the brake drum with the newly assembled wheel using the mounting pin and hole as a guide (circled).

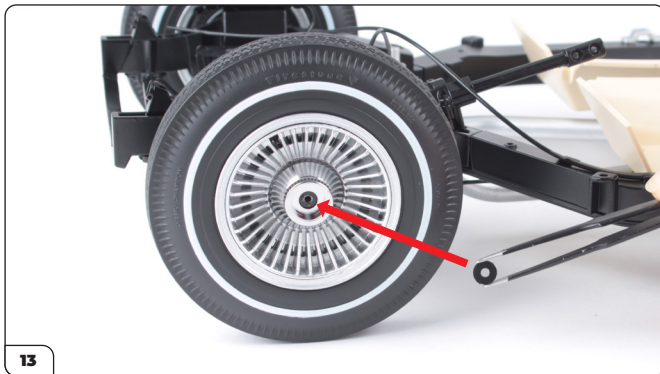
Stage 33: The Front Left Wheel – '64 Knock-Off



Fit the brake drum and fix using 2x DM screws.



Fit the wheel onto the hub (arrow).



Place the washer over the screw column (arrow).



Secure the wheel using a CM screw.



Choose one of the two knock-offs to use. If you're building an authentic production vehicle: the three-bar spinners were used on the '64 production wheels provided in this stage. Two-bar spinners were used on the '63 wheels provided in earlier packs.



Press your chosen knock-off in place as shown.

Stage 33: The Front Left Wheel – '64 Knock-Off

STAGE COMPLETE



Stage 34: The Front Right Wheel – '64 Knock-Off

Next you'll assemble and fit the front right '64 knock-off wheel.



STAGE 34 PARTS LIST

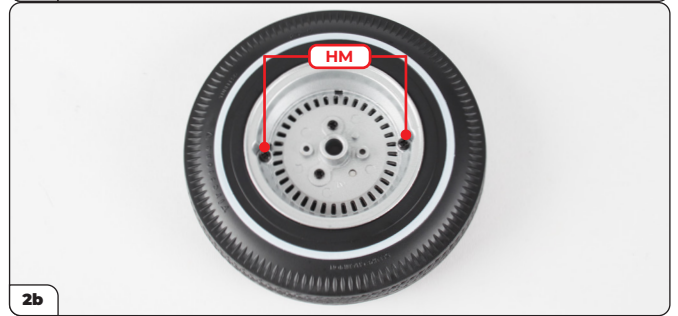
Name
Tyre
Kelsey Hayes wheel front
Inner wheel rim
Two-bar knock-off
Three-bar knock-off
Washer
CM screws x2
DM screws x3
HM screws x3



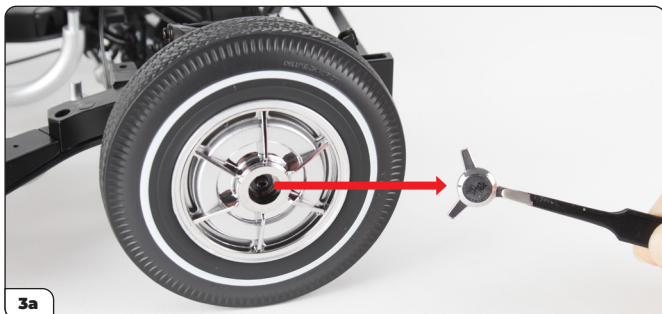
Stage 34: The Front Right Wheel – '64 Knock-Off



Fit the wheel front into the tyre (arrow).



Turn the wheel over, fit the inner wheel rim (2a) and secure it using 2x HM screws (2b).

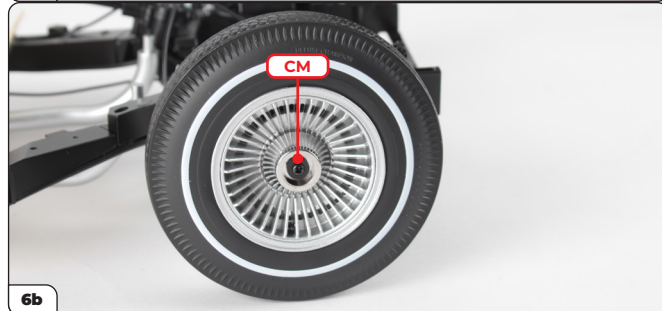
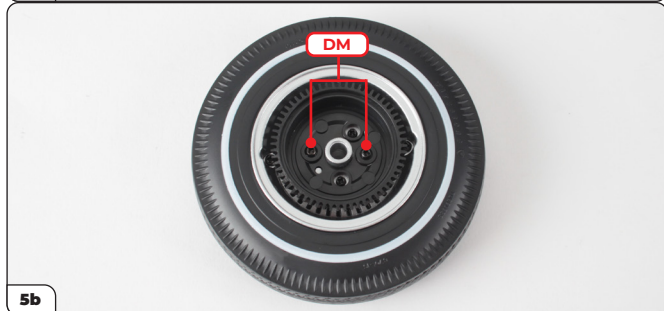
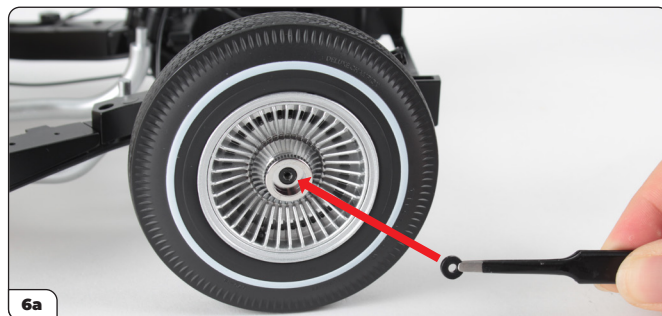
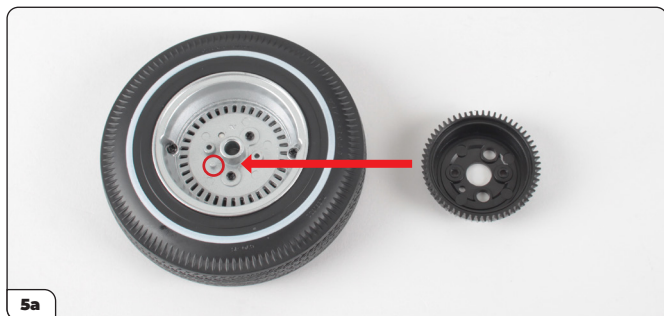


Remove the three-bar spinner from the original front right wheel (3a) then unscrew the CM screw and washer holding it in place (3b). Store the removed parts away.



Remove the wheel from the hub, then unscrew the RM screws (4a). Store the screws away, then remove the brake drum (4b).

Stage 34: The Front Right Wheel – '64 Knock-Off



Fit the brake drum into the newly assembled wheel using the locating pin (circled) as a guide (5a). Secure the drum using 2x DM screws (5b).

Fit the new wheel onto the hub then place the washer over the screw column (6a). Secure using a CM screw (6b).



Choose one of the two knock-offs, then press the chosen knock-off into the wheel as shown.

Stage 34: The Front Right Wheel – '64 Knock-Off

STAGE COMPLETE



Stage 35: Fitting the Front Left Fender Well

In this stage you'll fit the front left fender well onto the chassis.

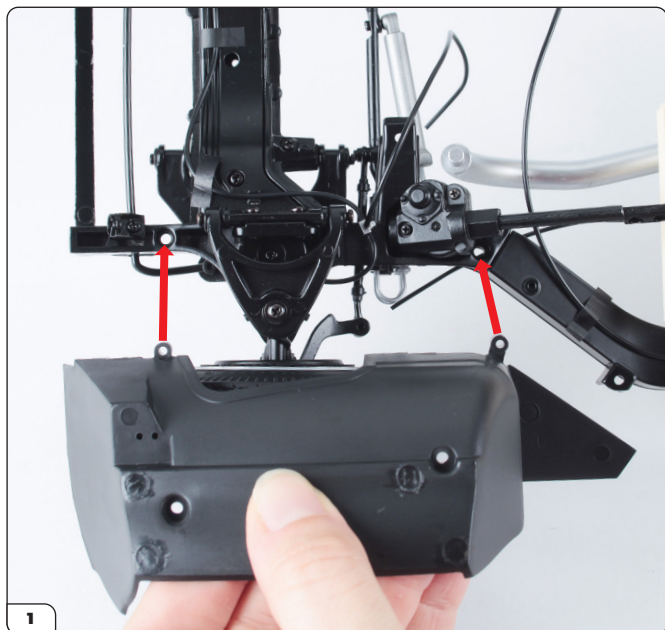


STAGE 35 PARTS LIST

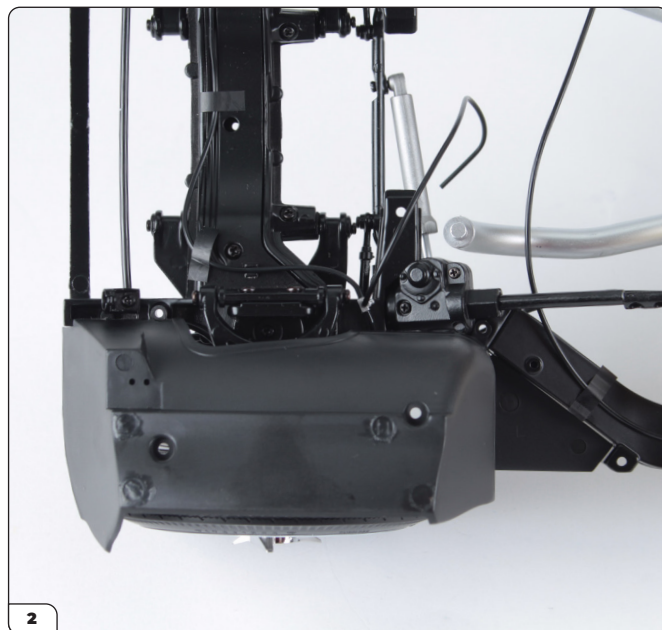
Name
Front left fender well
IP screws x3



Stage 35: Fitting the Front Left Fender Well



1
Align the fender well with the front left of the chassis as shown. The fender's two screw posts fit into the corresponding holes in the chassis (arrows).



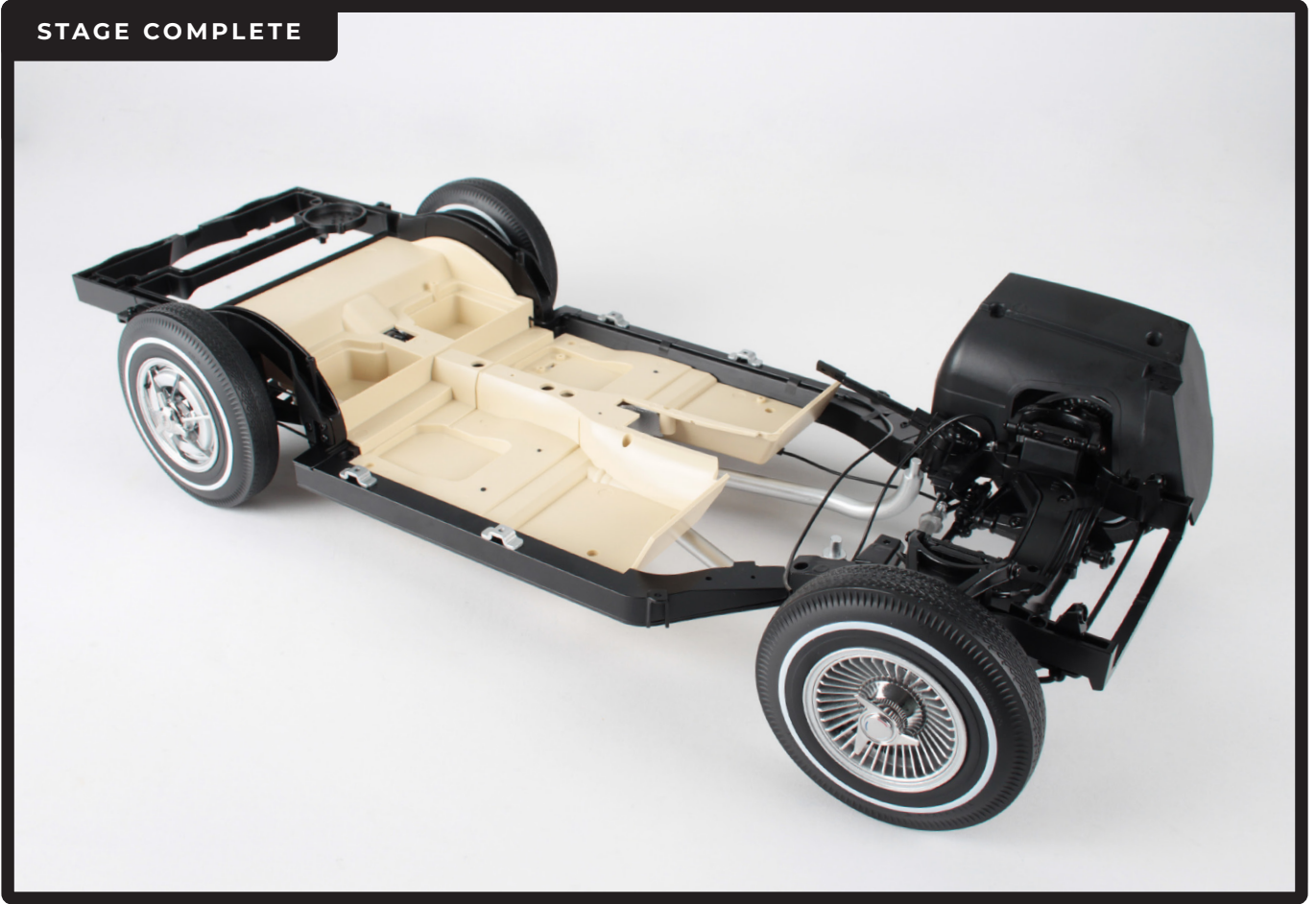
2
Fit the fender in place as shown.



3
Flip the assembly over then drive 2x IP screws into the indicated screw holes to secure the fender.

Stage 35: Fitting the Front Left Fender Well

STAGE COMPLETE



Stage 36: Fitting the Front Right Fender Well

Next you'll attach the front right fender well to the chassis in the same way.

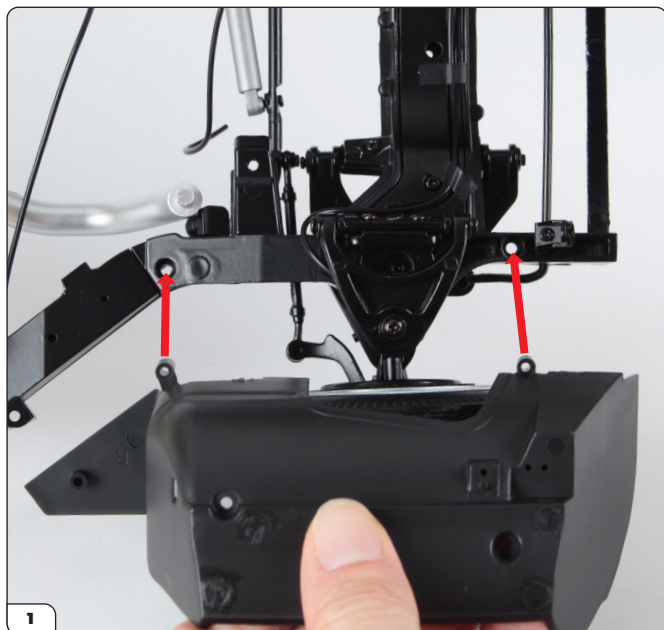


STAGE 36 PARTS LIST

Name
Front right fender well
IP screws x3



Stage 36: Fitting the Front Right Fender Well



Align the fender well with the front right of the chassis as shown. The fender's two screw columns fit into the corresponding holes in the chassis (arrows).



Fit the fender in place as shown.



Flip the assembly over then drive 2x IP screws into the indicated screw holes to secure the fender.

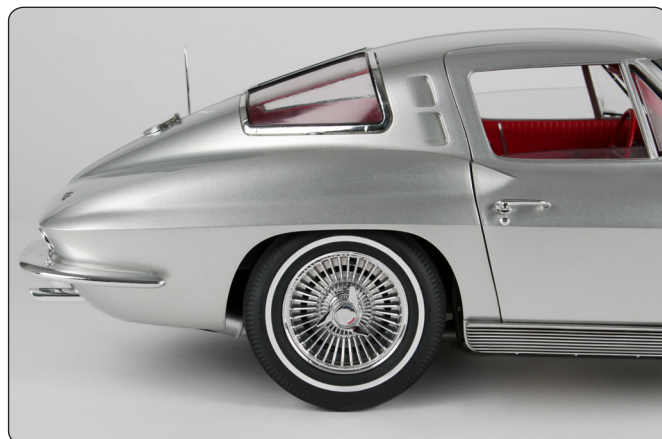
Stage 36: Fitting the Front Right Fender Well

STAGE COMPLETE



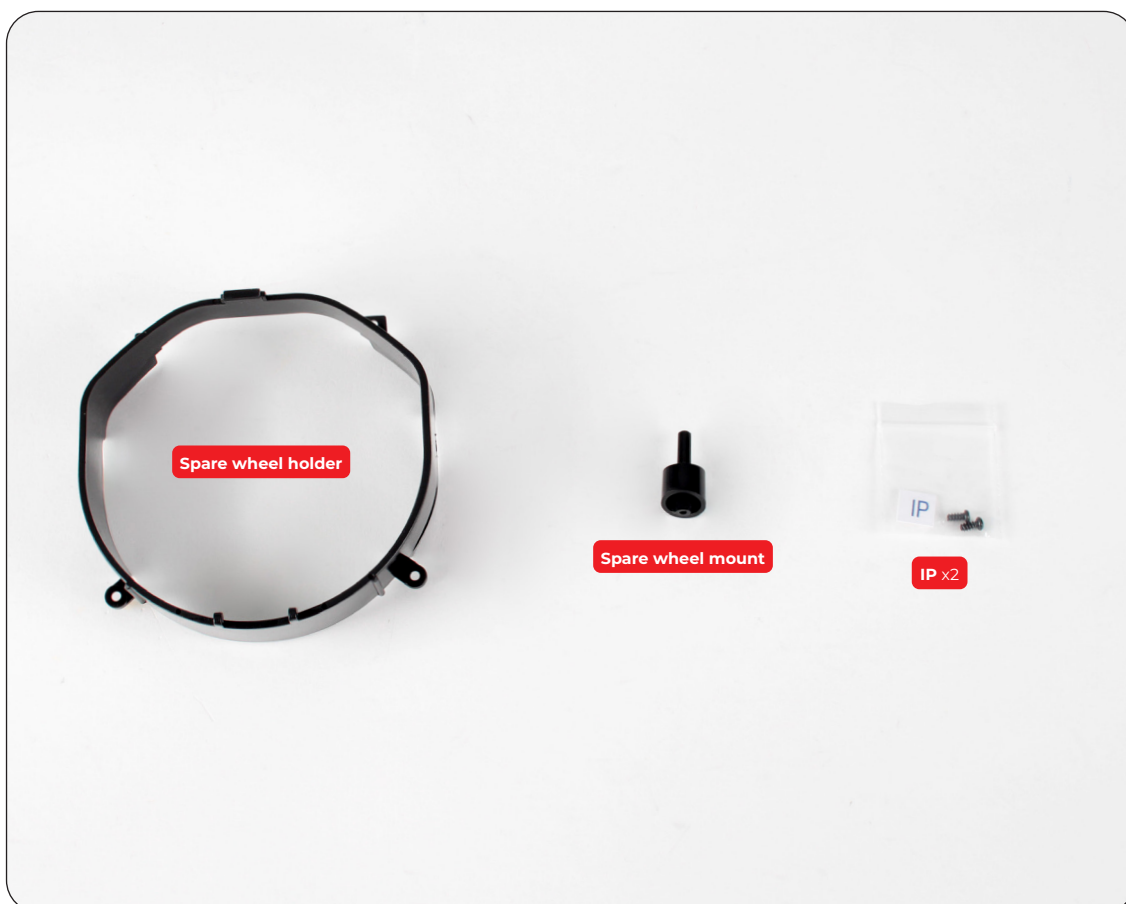
Stage 37: Preparing the Spare Wheel Mount

For this stage you'll fix the spare wheel mount onto the chassis. The spare wheel holder will be used in the next stage.

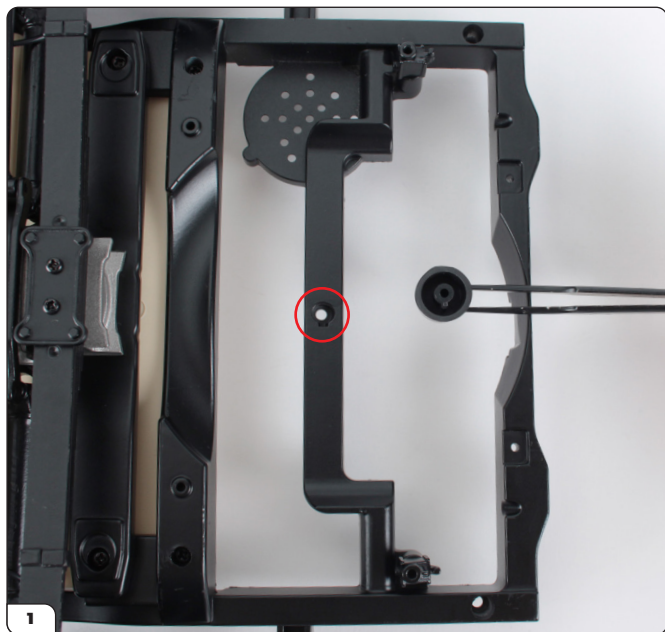


STAGE 37 PARTS LIST

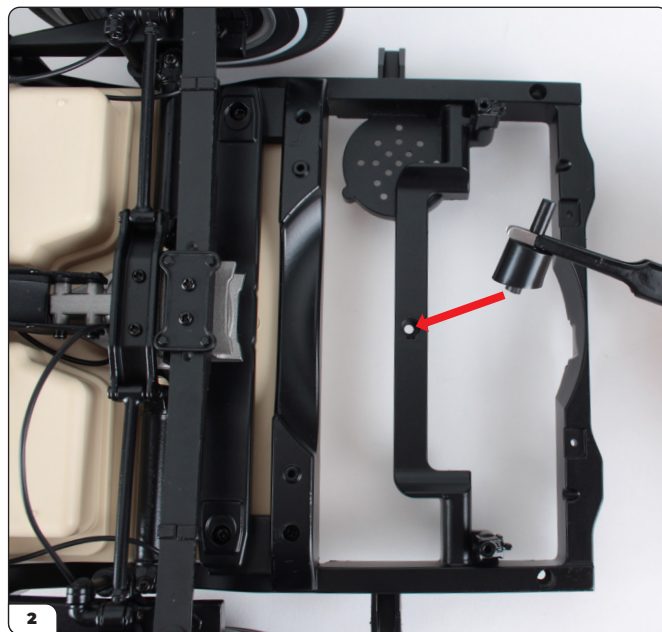
Name
Spare wheel holder
Spare wheel mount
IP screws x2



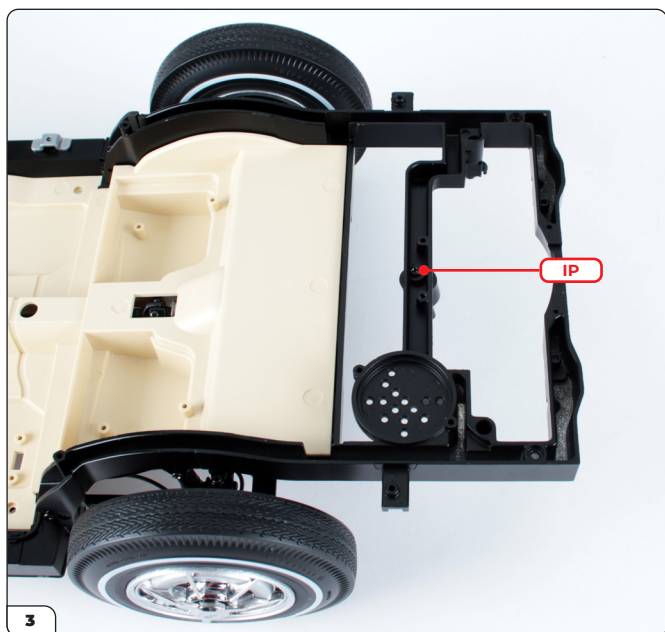
Stage 37: Preparing the Spare Wheel Mount



1 Locate the shaped hole in the rear underside of the chassis (circled) for fitting the spare wheel mount.



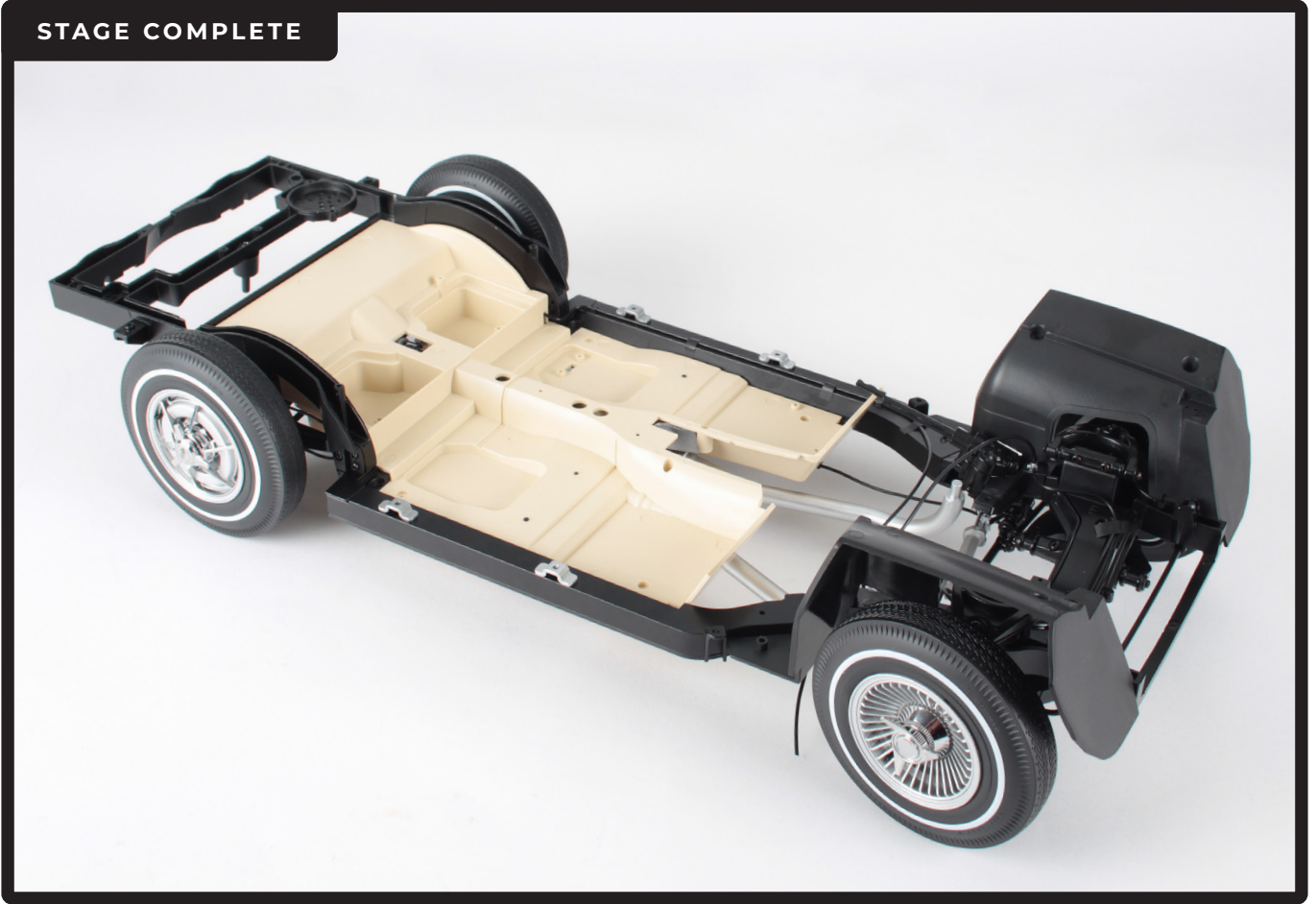
2 Fit the mount into the hole (arrow).



3 Flip the assembly and secure the mount with an IP screw.

Stage 37: Preparing the Spare Wheel Mount

STAGE COMPLETE



Stage 38: Assembling the Spare Wheel Holder

Now you'll assemble the spare wheel holder by fitting the lid and its reinforcement bar.



STAGE 38 PARTS LIST

Name
Spare wheel holder lid
Spare wheel holder reinforcement bar
EP screws x3
KP screws x3



Spare wheel holder lid



Spare wheel holder reinforcement bar

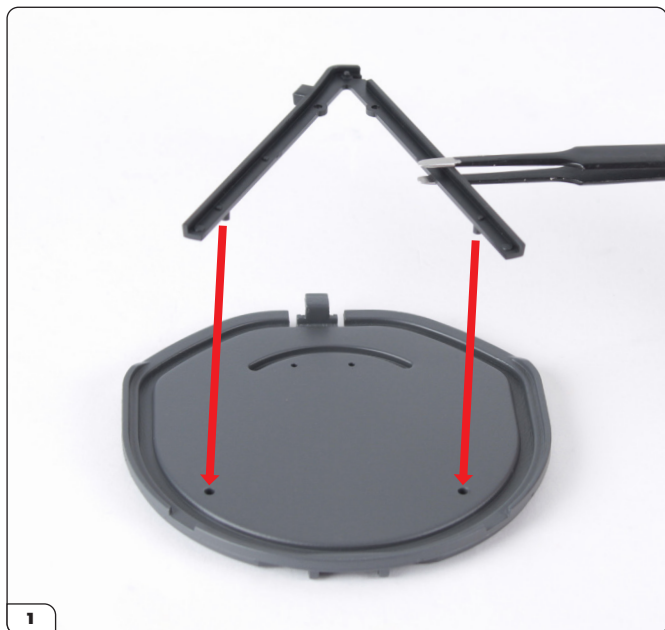


EP x3



KP x3

Stage 38: Assembling the Spare Wheel Holder



Fit the pins of the reinforcement bar into the holes in the lid (arrows).



Use 2x EP screws to secure the bar in place.



Fit the two tabs on the lid inbetween the screw posts on the spare wheel holder (supplied with stage 37).



Secure the lid by driving 2x KP screws into the screw posts from the side, as indicated by the arrows.

Stage 38: Assembling the Spare Wheel Holder



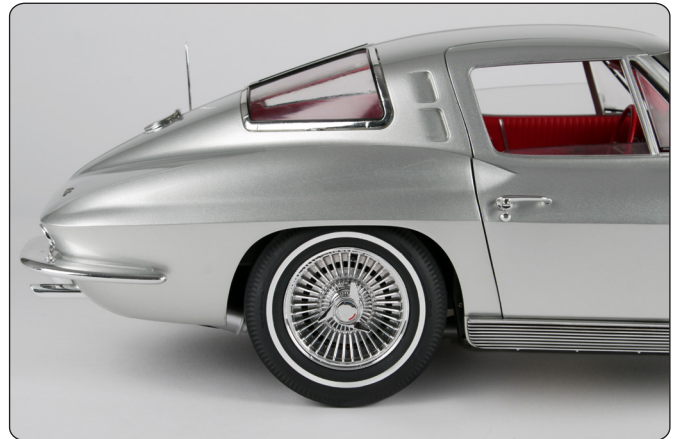
Test the lid opens and stays in place when shut. Adjust the KP screws if necessary.

STAGE COMPLETE



Stage 39: Adding the Spare Wheel

In this stage you'll construct the spare wheel then mount it into the holder on the chassis. You have the option of a '63 and a '64 wheel to choose from.



STAGE 39 PARTS LIST

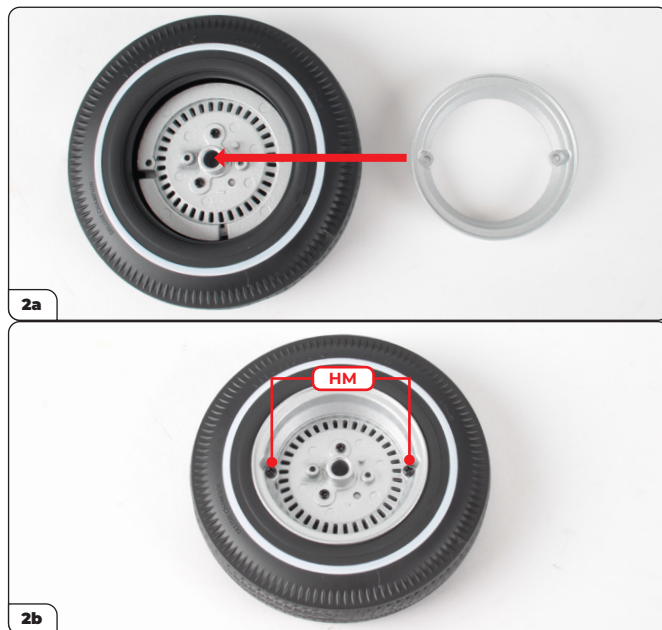
Name
Tyre x2
Inner wheel rim x2
Outer wheel rim
Kelsey Hayes wheel front
Washer
CM screws x3
DM screws x5
HM screws x3
IP screws x2



Stage 39: Adding the Spare Wheel



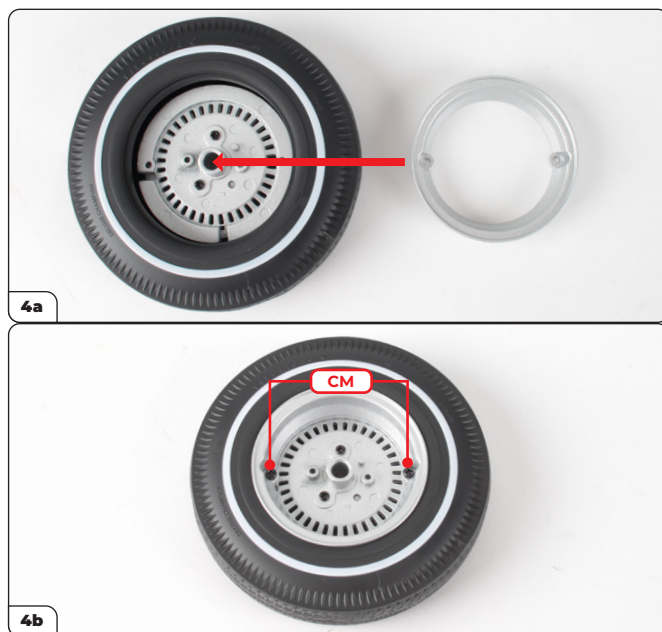
To build the '64 spare wheel, fit the Kelsey Hayes wheel front into one of the tyres (arrow).



Turn the wheel over, fit the inner wheel rim (2a) and secure it using 2x HM screws (2b).



To build the original '63 spare wheel, fit the outer wheel rim into a tyre (arrow).

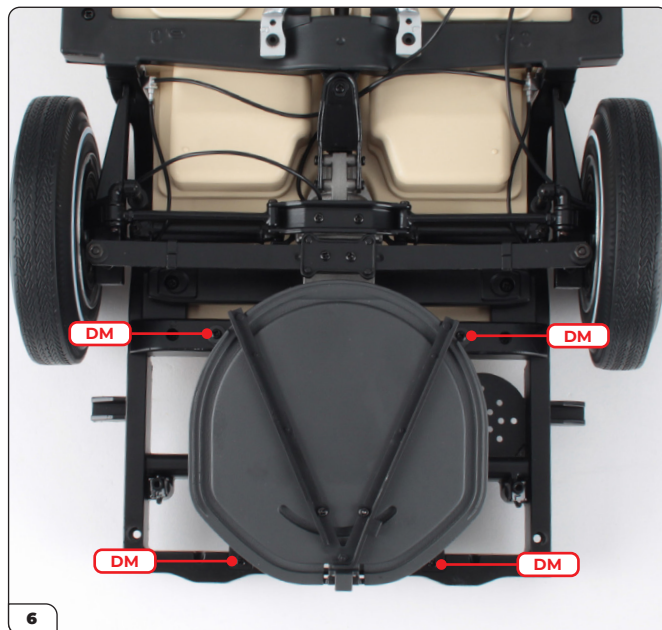


Turn the wheel over, fit the inner wheel rim (4a) and secure it using 2x CM screws (4b).

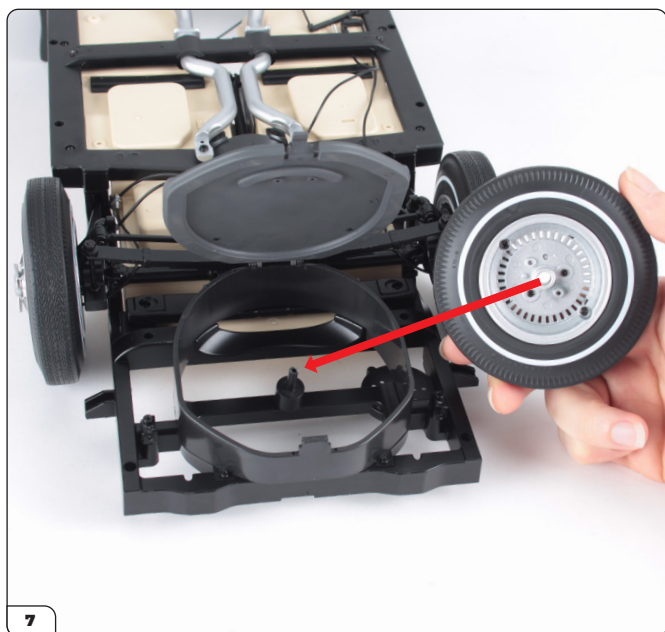
Stage 39: Adding the Spare Wheel



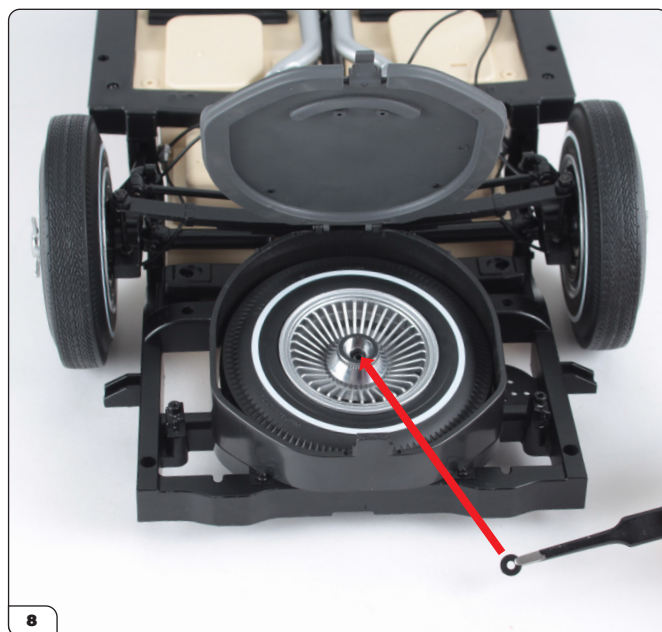
Fit the shaped tabs of the spare wheel holder onto the screw hole and rectangular recess (arrows).



Secure the spare wheel holder using 4x DM screws.

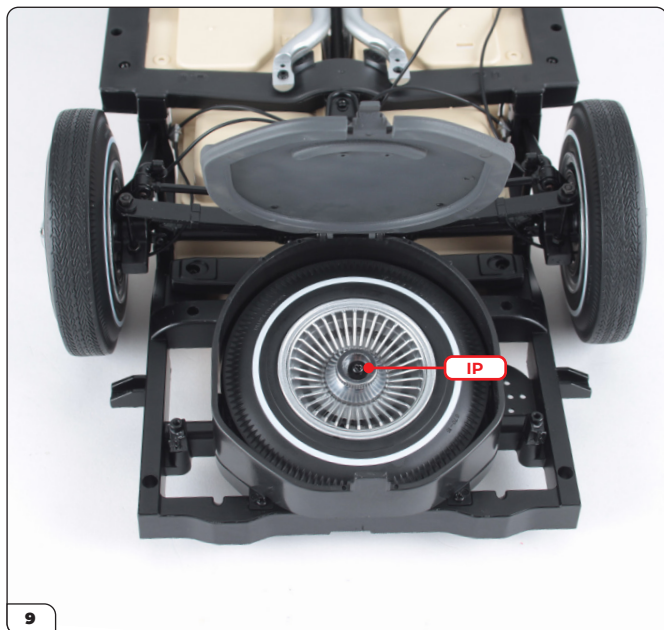


Open the lid and fit your chosen spare wheel onto the spare wheel mount (arrow).

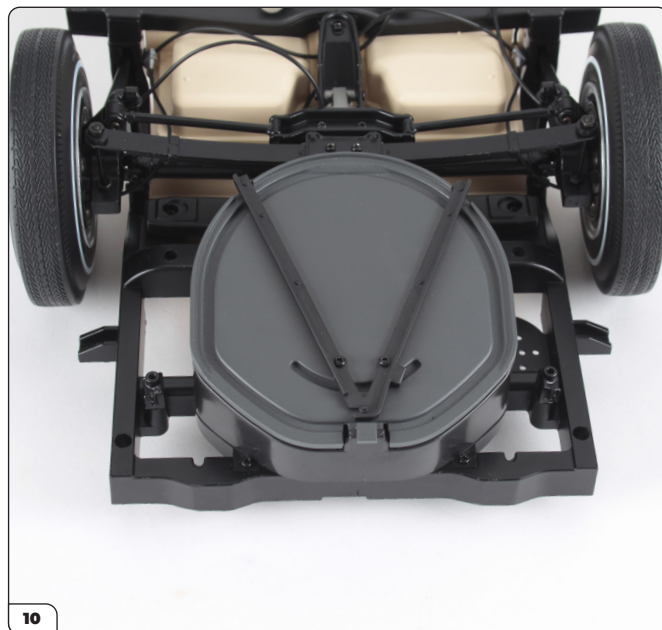


Place the washer over the screw post of the mount (arrow).

Stage 39: Adding the Spare Wheel



Secure the spare wheel using an IP screw.



Close the lid of the spare wheel holder.



Stage 40: Mounting the Battery Compartment and Speaker

In this stage you'll fit the battery compartment and speaker onto the model.

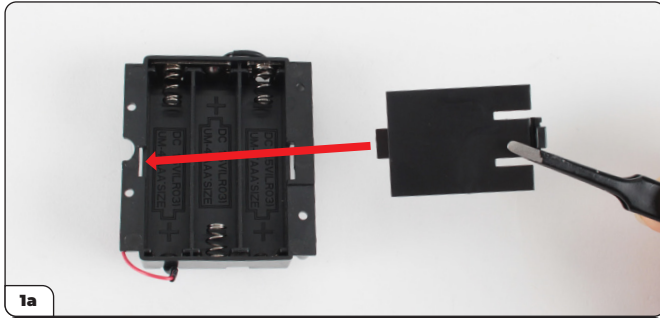


STAGE 40 PARTS LIST

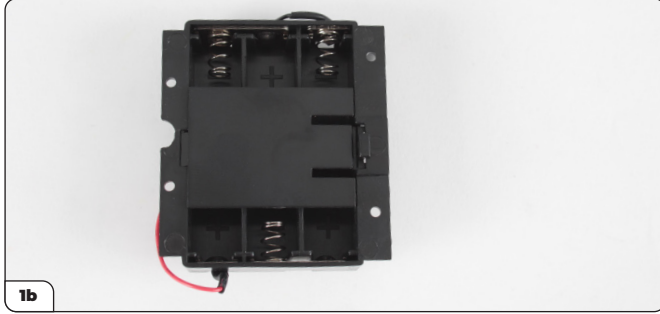
Name
Battery compartment
Battery compartment lid
Speaker
Speaker holder
DM screws x5



Stage 40: Mounting the Battery Compartment and Speaker

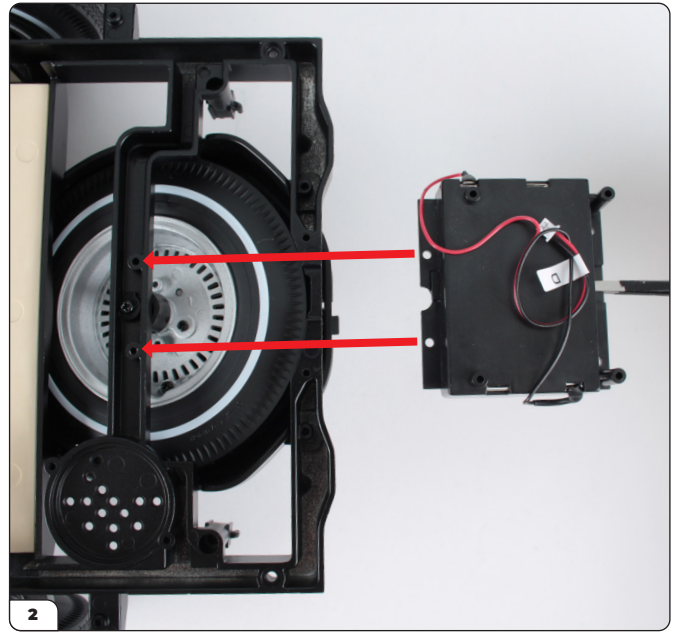


1a



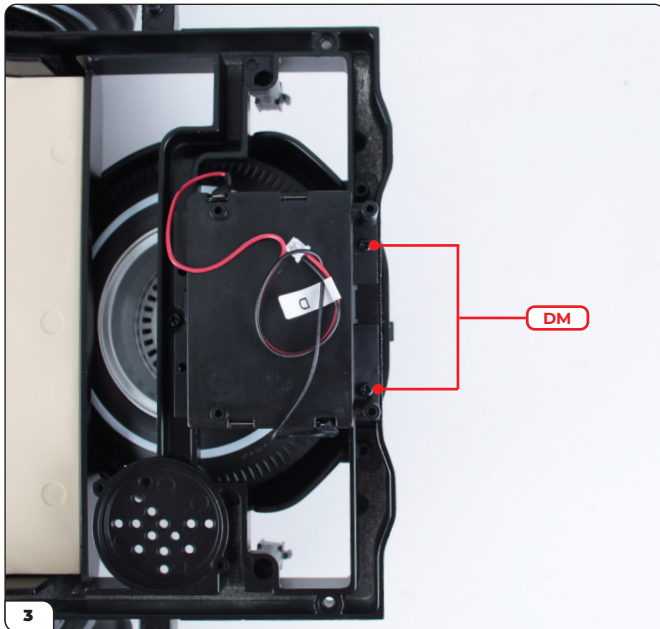
1b

Fit the tab of the lid into the opening of the compartment (arrow, 1a) then clip it down in place (1b).



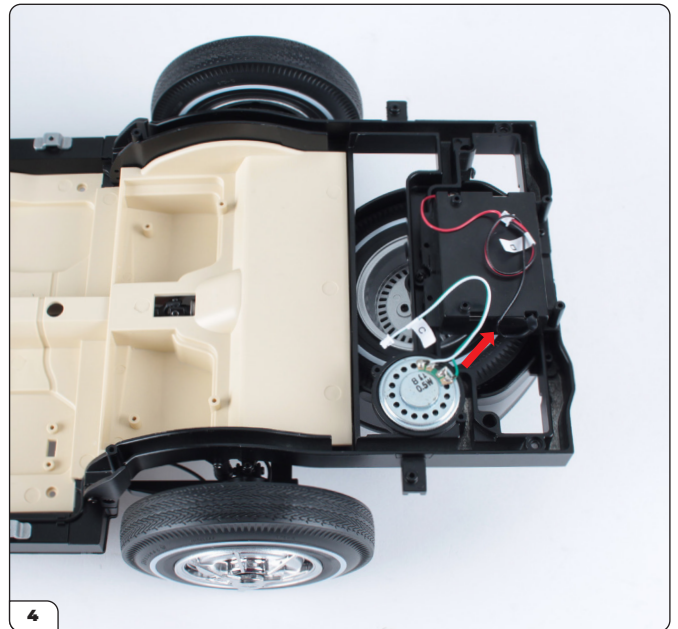
2

Place the holes of the compartment over the screw holes in the chassis (arrows).



3

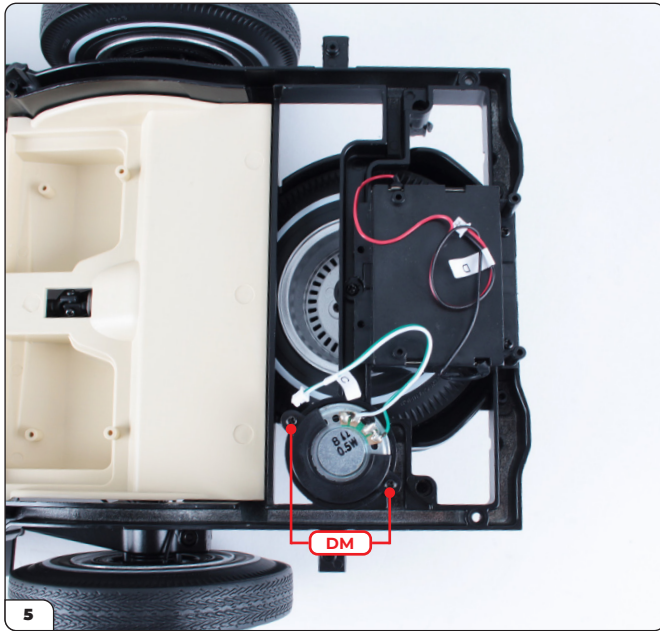
Check the screw holes at the back are aligned, then secure the battery compartment using 2x DM screws.



4

Place the speaker into its space as shown. Orient the wires towards the battery compartment (arrow).

Stage 40: Mounting the Battery Compartment and Speaker



Secure the speaker by fitting the holder in place as shown then fixing it with 2x DM screws.

