1965 SHELBY COBRA 427 SEMI-COMPETITION

1:8 SCALE

Pack 04 | Build Instructions

In the 1960s, Carroll Shelby's Cobras dominated racetracks worldwide, first winning races coast to coast across North America, then in 1965, winning the World Manufacturer's GT Championship, achieving the ultimate goal of defeating Ferrari. The Semi-Competitions were modified from full competition models just enough to make them street legal. Only 29 models were produced, making them one of the most sought-after American sports cars by collectors.

Your 1:8 model replicates the original 1965 Semi-Competition Cobra in intricate detail. From the detail on the dashboard dials to the writing on the wheels, every piece is precisely reproduced.

In your fourth model pack, you will assemble:

STAGE 24: BRAKE PARTS FOR THE FRONT RIGHT WHEEL

STAGE 25: LEFT AND RIGHT FLOOR PANELS

STAGE 26: BRAKE PARTS FOR THE REAR LEFT WHEEL

STAGE 27: DIFFERENTIAL HOUSING COMPONENTS

STAGE 28: DIFFERENTIAL HOUSING COMPONENTS AND PROPELLER SHAFT

STAGE 29: REAR UPPER SUSPENSION ARMS

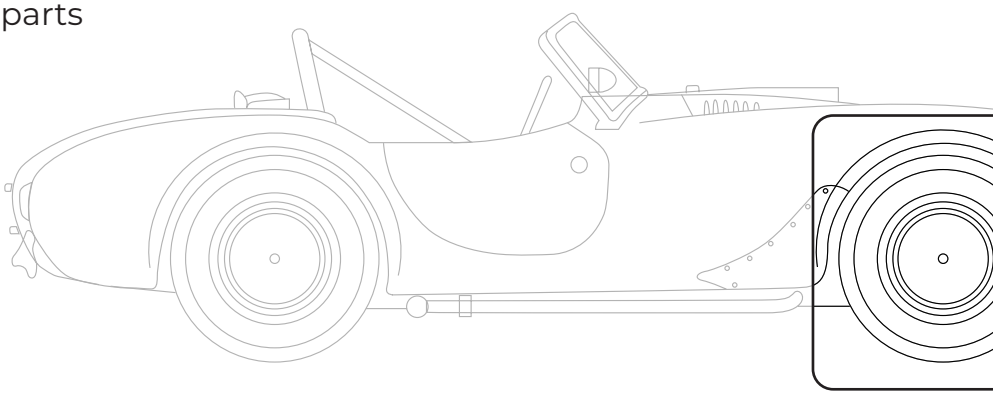
STAGE 30: LEFT LOWER SUSPENSION ARM AND SHOCK ABSORBER

STAGE 31: BRAKE PARTS FOR THE REAR RIGHT WHEEL

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 24: Brake Parts for the Front Right Wheel

In this first stage of building Pack 4 you will assemble the brake parts for the front right wheel.



STAGE 24 PARTS LIST

Name	Quantity
Three-eared Spinner	1
Hubcap	1
Brake Disc	1
Wheel Hub	1
Brake Caliper	1
Screws Type OD01	2 [including 1 spare]
Screws TYPE OD02	2 [including 1 spare]

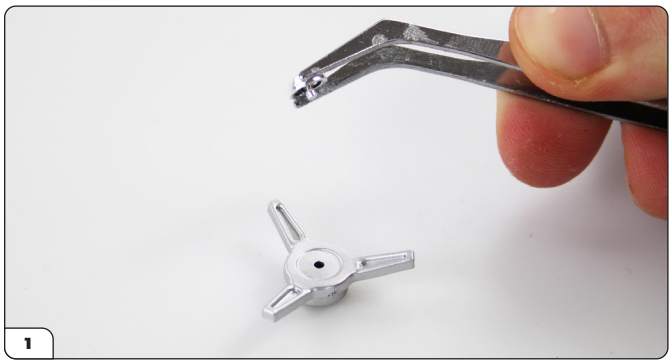
Stage 24: Brake Parts for the Front Right Wheel

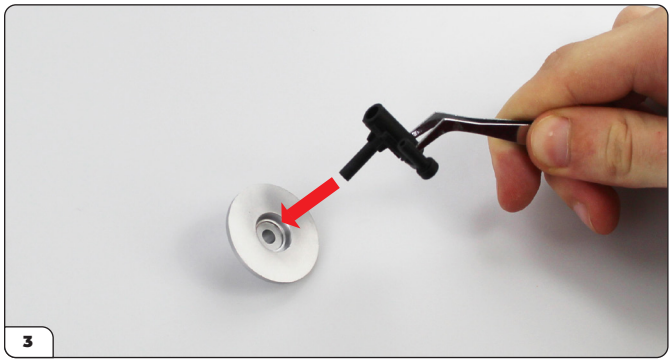
STEP 1

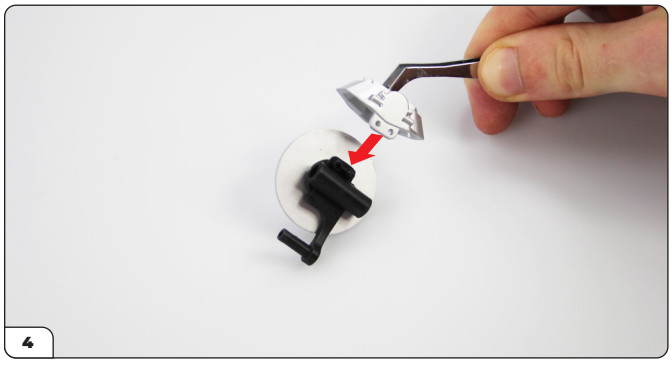
ASSEMBLE THE SPINNER AND BRAKE PARTS

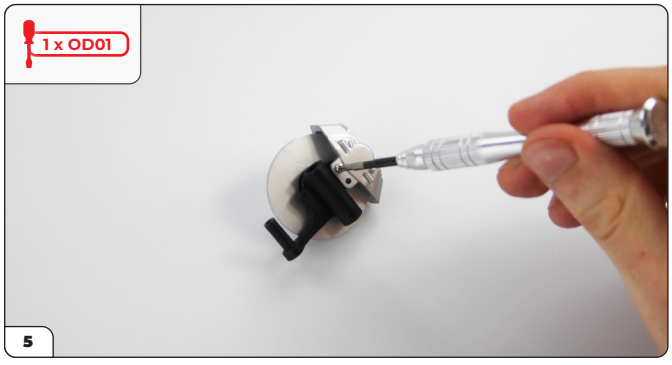
Push the hubcap into the center of the Three-eared Spinner. This is a friction fit and will stay in place without screws. Align the Wheel Hub with the Brake Disc and place the pieces together. Align the tiny hole on the Brake Caliper with the tiny lug on the Wheel Hub. Place the pieces together and secure with a TYPE OD01 screw.

ADVICE FROM THE EXPERTS:
Don't forget to add a drop of lubricant to screw OD01 to make it easier to tighten.









Stage 24: Brake Parts for the Front Right Wheel

STEP 2

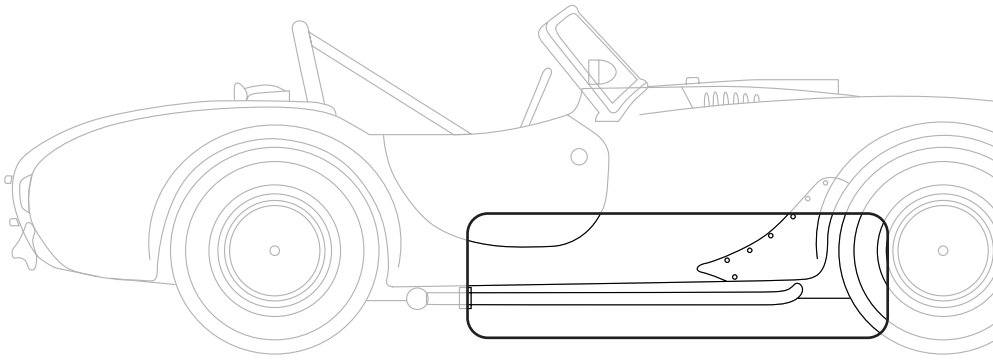
ATTACH THE BRAKE PARTS TO THE FRONT RIGHT WHEEL

Place the wheel hub assembly in the inside of the Front Right Wheel from stage 23, aligning the lug on the Brake Disc with the corresponding notch on the wheel. Secure in place from the outside of the wheel using a TYPE OD02 screw. Finish by placing the Spinner in the center of the outside wheel. The Spinner is magnetic and will stay in place without screws. If the magnet is loose in the spinner you can secure it with a drop of general purpose glue.

Stage 24 complete!

Stage 25: Left and Right Floor Panels

In stage 25, you will add the floor panels and the engine to the chassis.



STAGE 25 PARTS LIST

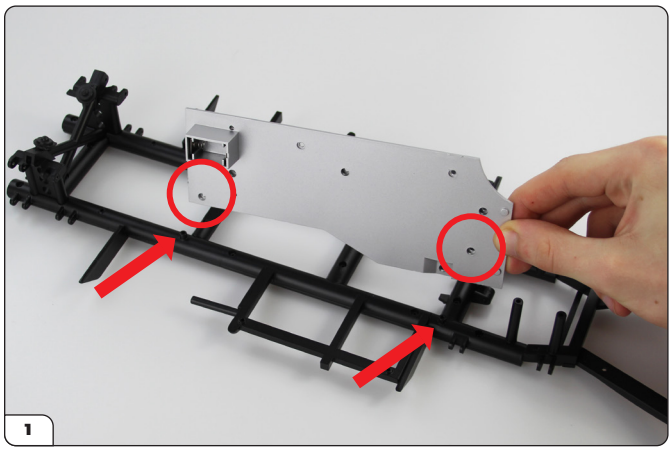
Name	Quantity
Left Floor Panel	1
Right Floor Panel	1
Screws TYPE OD03	9 [including 1 spare]
Screws TYPE OP03	3 [including 1 spare]

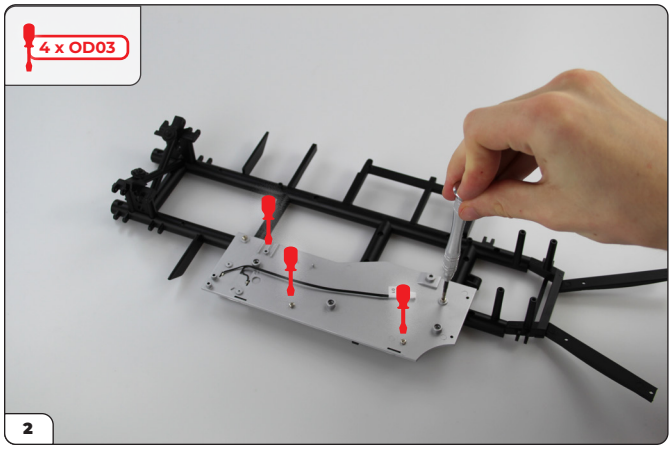
Stage 25: Left and Right Floor Panels

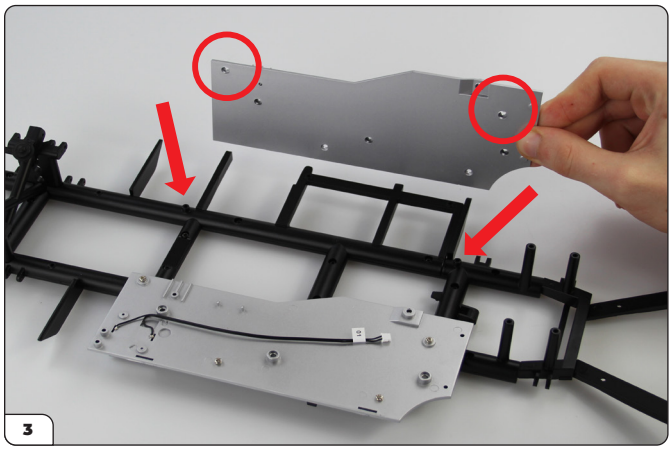
STEP 1

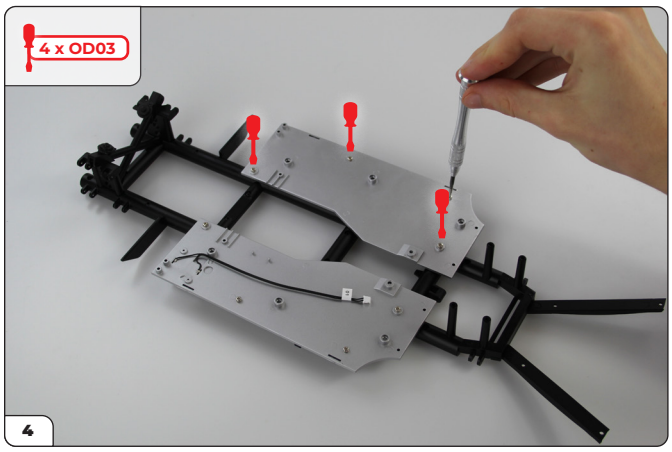
FIX THE FLOOR PANELS TO THE CHASSIS FRAME

Take the Left Floor Panel and position it on top of the two lugs on the chassis main frame. Fix in place using 4 x TYPE OD03 screws. Then position the Right Floor Panel over the two lugs on the opposite side of the chassis. Secure in place with another 4 x TYPE OD03 screws.







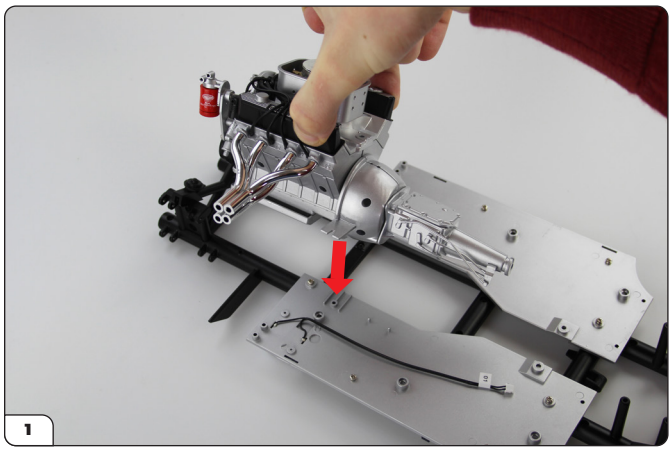


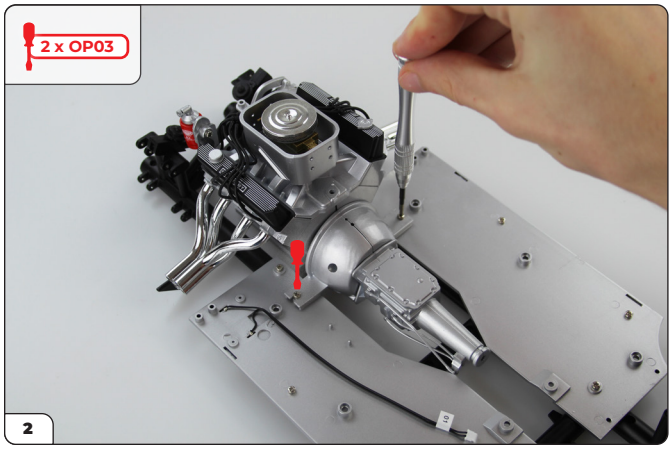
Stage 25: Left and Right Floor Panels

STEP 2

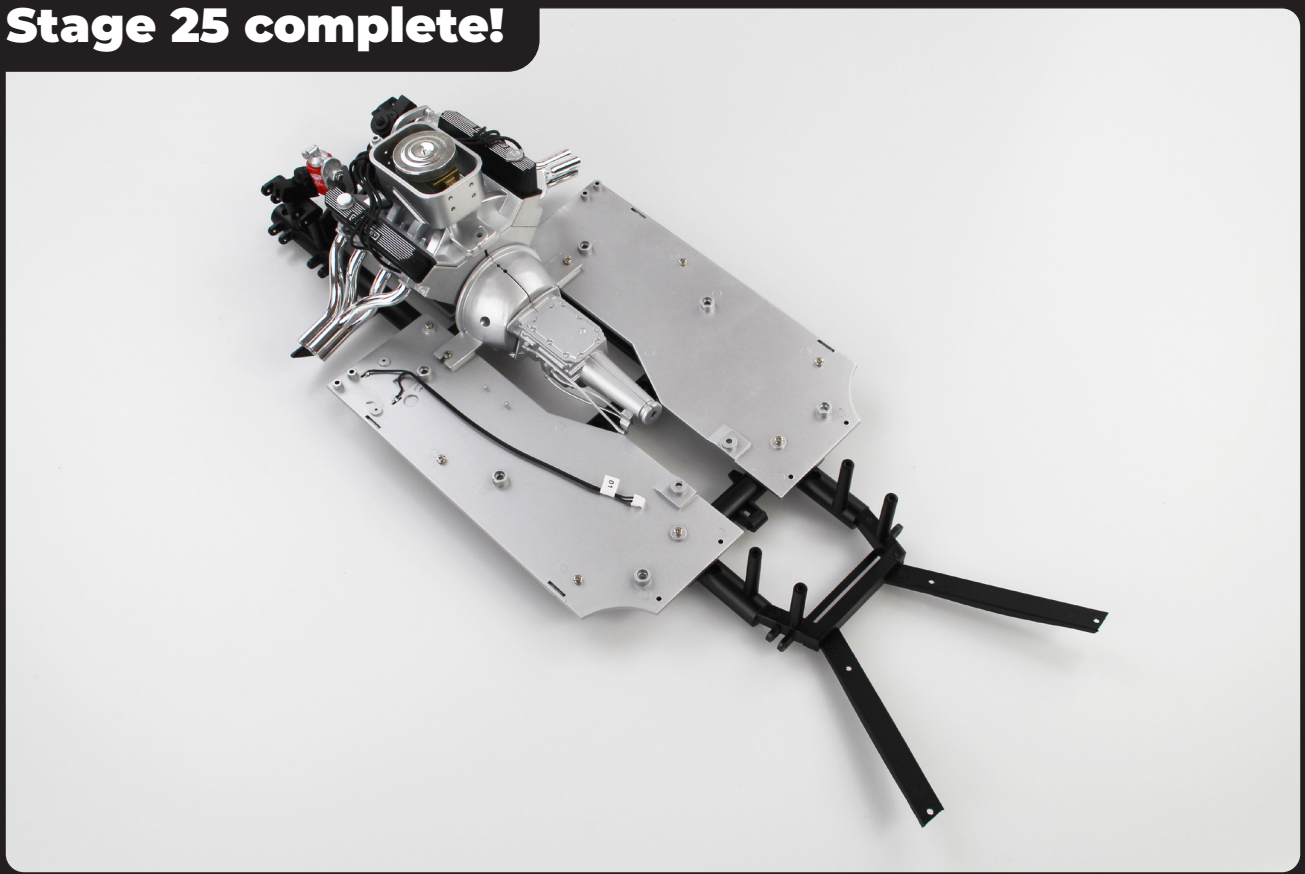
FIT THE ENGINE TO THE CHASSIS FRAME

Sit the engine on the chassis by aligning the side projections over the three ridges on the floor panels. Secure in place using 2 x TYPE OP03 screws. You may need to push the engine away from the screw, very gently, just enough to allow the screws to go into the holes.



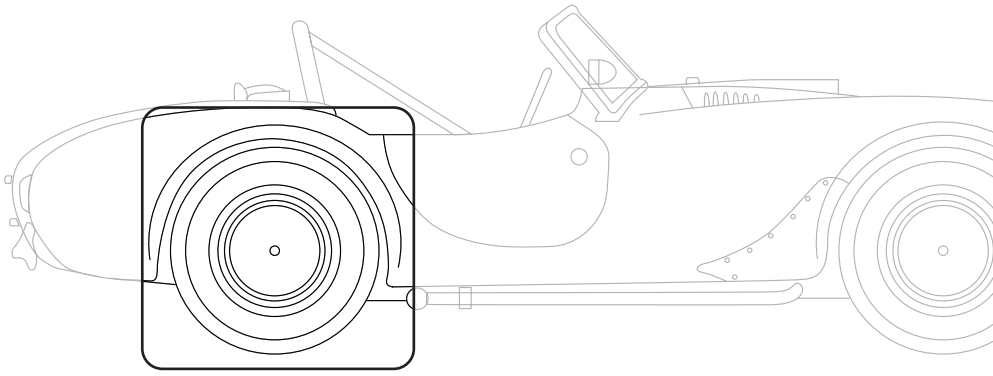


Stage 25 complete!



Stage 26: Brake Parts For The Left Rear Wheel

In stage 26 you will assemble the brake components for the left rear wheel.



STAGE 26 PARTS LIST

Name	Quantity
Three-eared Spinner	1
Hubcap	1
Brake Disc	1
Wheel Hub	1
Brake Caliper	1
Screws Type OD01	2 [including 1 spare]

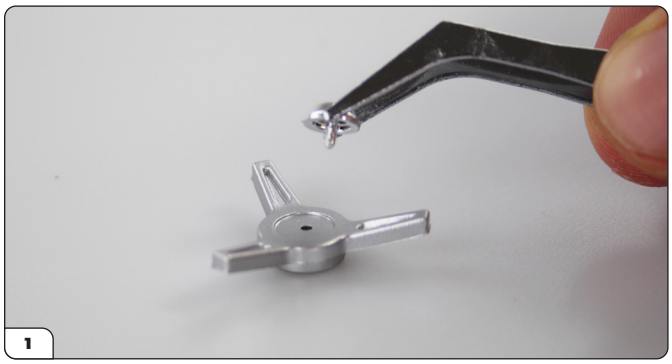
Stage 26: Brake Parts For The Left Rear Wheel

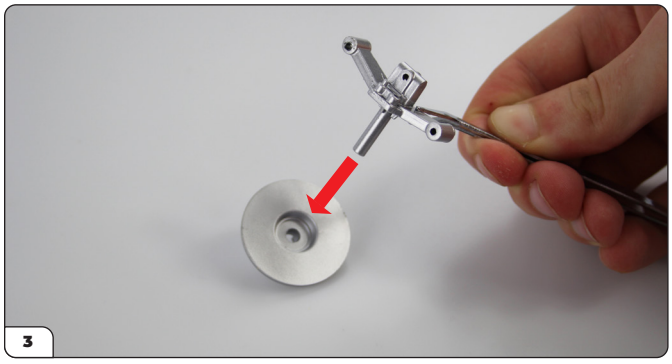
STEP 1

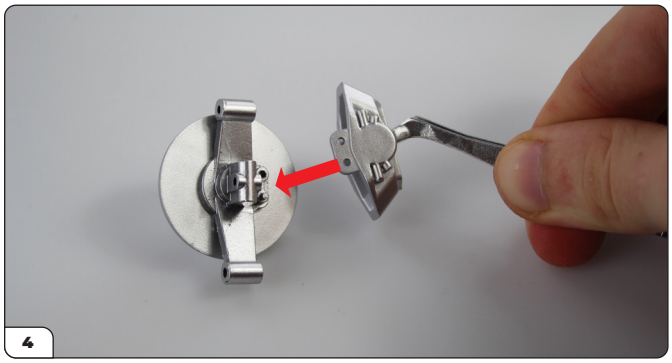
ASSEMBLE THE SPINNER AND BRAKE PARTS

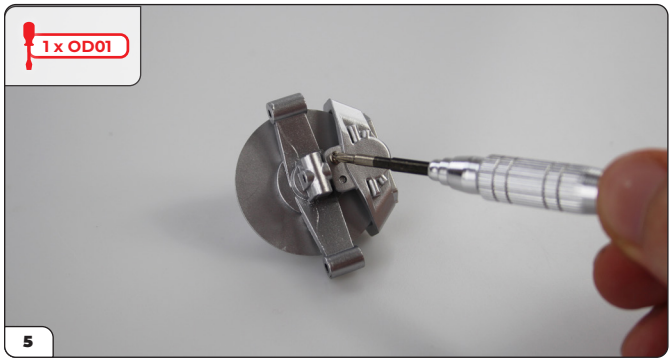
Push the hubcap into the center of the three-eared Spinner. This is a friction fit and will stay in place without screws. Align the wheel hub with the brake disc and place the pieces together. Align the tiny hole on the Brake Caliper with the tiny lug on the Wheel Hub. Place the pieces together and secure with a TYPE OD01 screw.

NOTE:
In our photographs, the wheel hub shown is silver. The correct colour is black which has been supplied in your Pack.







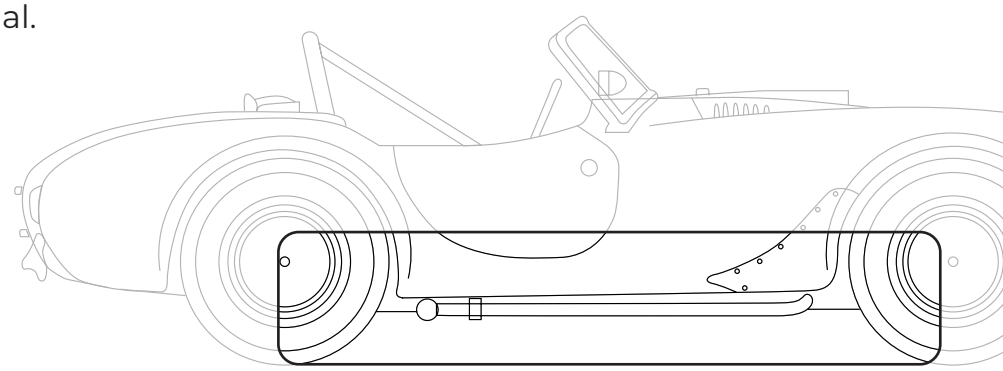


Stage 26: Brake Parts For The Left Rear Wheel

Stage 26 complete!

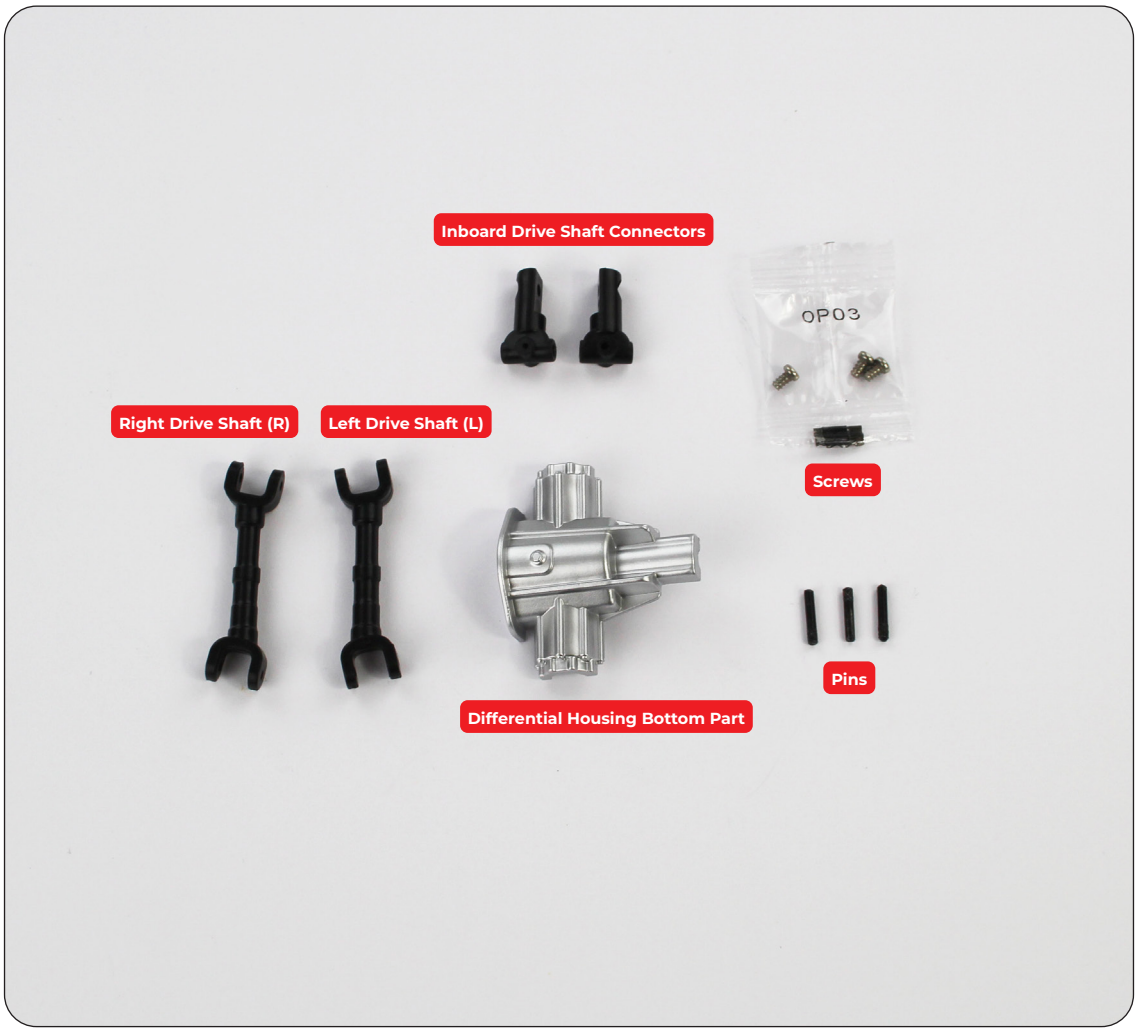
Stage 27: Differential Housing Components

In stage 27, you will assemble components for the differential.



STAGE 27 PARTS LIST

Name	Quantity
Left Drive Shaft (L)	1
Inboard Drive Shaft Connectors	2
Right Drive Shaft (R)	1
Differential Housing Bottom Part	1
Pins	3
Screws TYPE OP03	3 [including 1 spare]

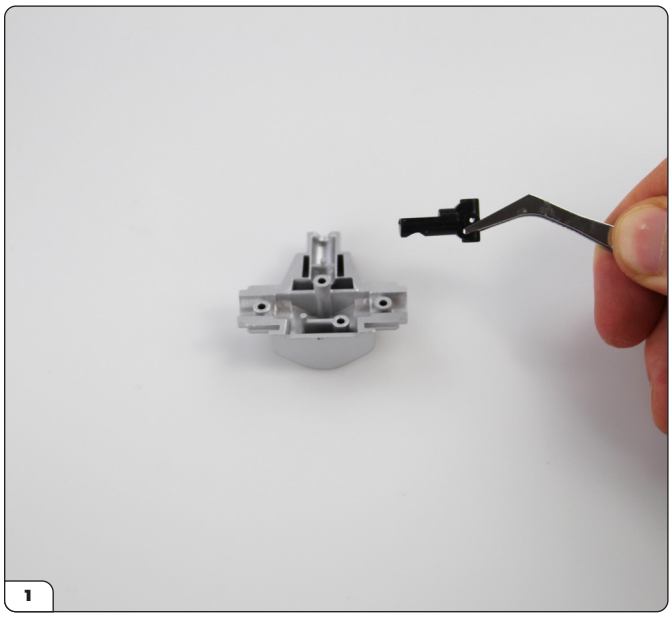


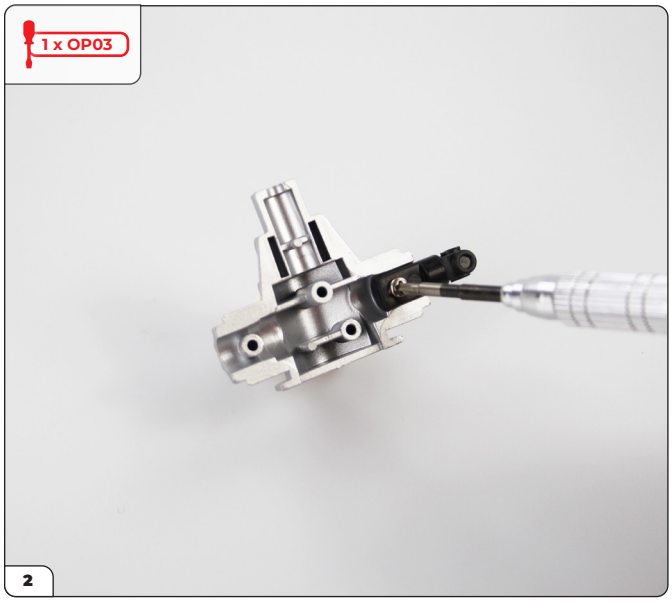
Stage 27: Differential Housing Components

STEP 1

FIX THE DRIVESHAFT CONNECTORS TO THE DIFFERENTIAL HOUSING

Align the screw holes on an Inboard Drive Shaft Connector with the Differential Housing Bottom. Fix in place with a TYPE OP03 screw. There is only one way to fit these parts. Repeat with the other Connector on the opposite side.





Stage 27: Differential Housing Components

STEP 2

FIX THE DRIVESHAFTS TO THE CONNECTORS

Take the Right Drive Shaft, note that the drive shaft is angled backwards. Slide the claw of the unmarked end to grip over the Connector. Push a pin through the holes on both parts to hold in place. Lead with the unridged end of the pin, push part-way through, and finally squeeze in place with pliers until fully fitted. Repeat on the opposite side.

ADVICE FROM THE EXPERTS: FITTING PINS

Securing parts with Pins should always follow the same method.

1. Align the pin holes on both parts

2. Insert the unridged end of the pin through the first hole.

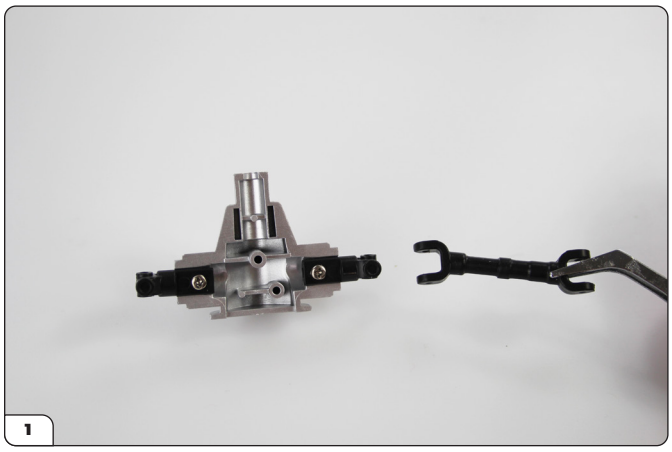
3. Hold the parts steady to maintain alignment as you continue to push the pin through.

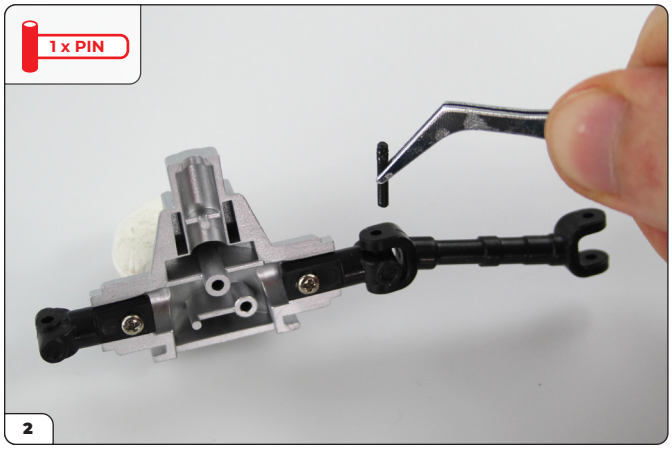
4. Squeeze both ends of the pin with pliers to fully insert.

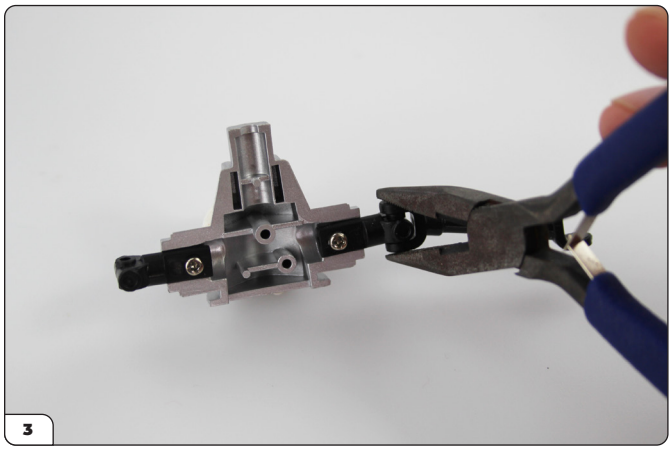
If the pin won't go through, try adding a drop of Vaseline.

If there is still too much resistance and you have checked the holes are aligned, gently widen the hole by wiggling your screwdriver through the hole.

If you have inserted the pin and find the parts need reassembling, use the tip of the screwdriver to push the pin back out until there is enough to grip and pull out with pliers.





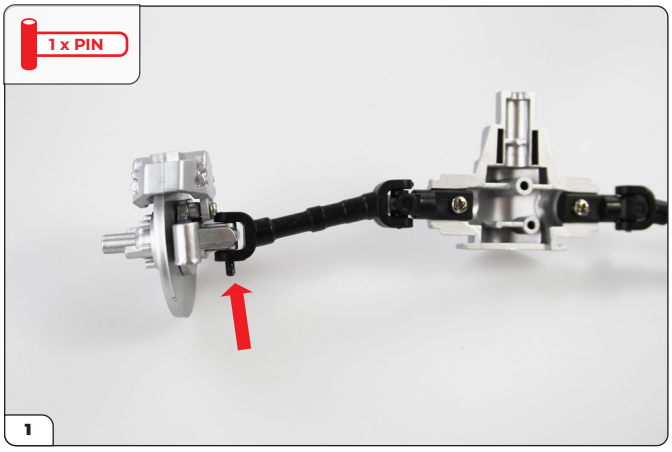


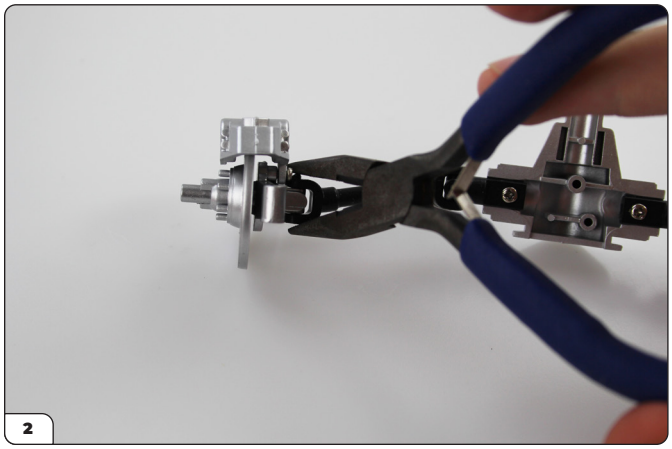
Stage 27: Differential Housing Components

STEP 3

ATTACH THE BRAKE PARTS TO THE DRIVESHAFT

Align the free end of the Left Drive Shaft (L) with the Wheel Hub from stage 26. Push the claw grip over the Wheel Hub. Wiggle into position and ensure that the grip tucks behind the brake caliper screw. Check that the screw holes are all aligned and push a pin through the claw grip, inserting from the side opposite the tiny screw. Once in place, squeeze the pin with pliers to fully insert.

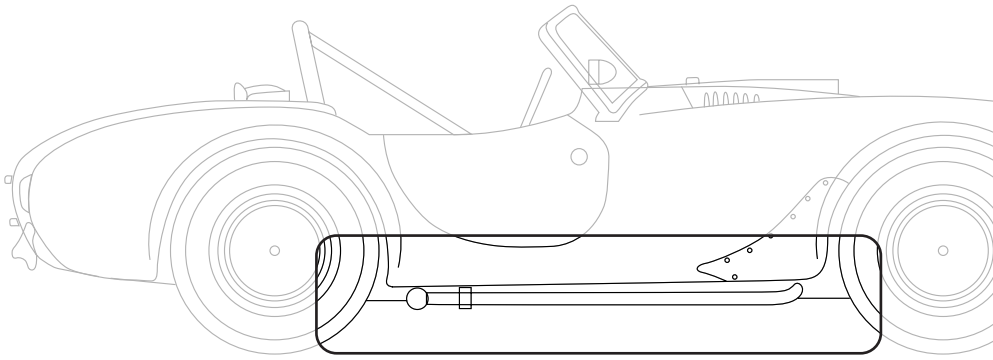




Stage 27 complete!

Stage 28: Differential Housing Components and Propeller Shaft

In stage 28, you will continue to build the differential.



STAGE 28 PARTS LIST

Name	Quantity
Propeller Shaft	1
Differential Housing Top Part	1
Differential Housing Rear Cover	1
Screws TYPE OP03	3 [including 1 spare]

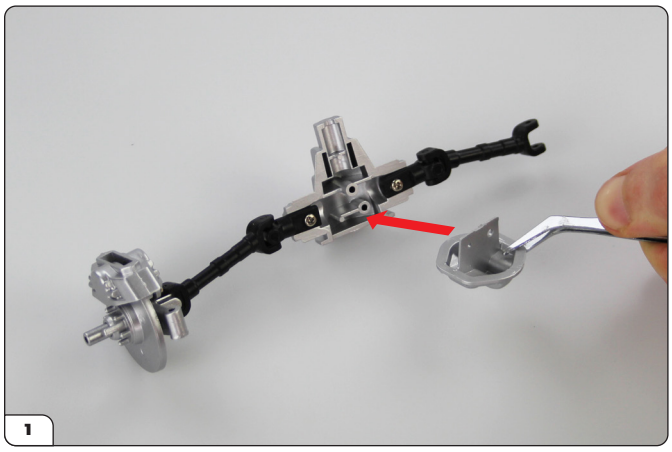
Stage 28: Differential Housing Components and Propeller Shaft

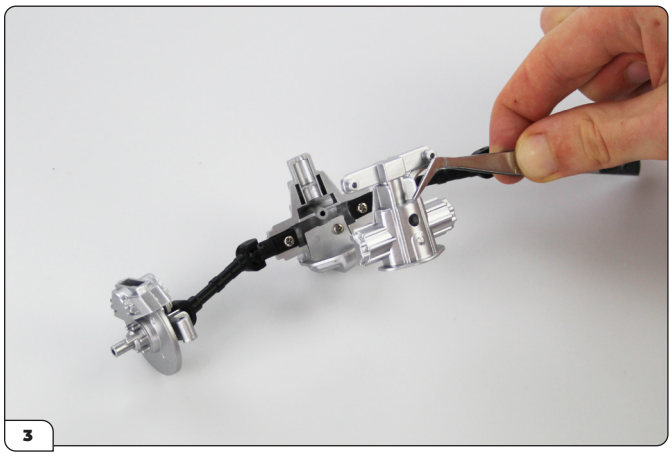
STEP 1

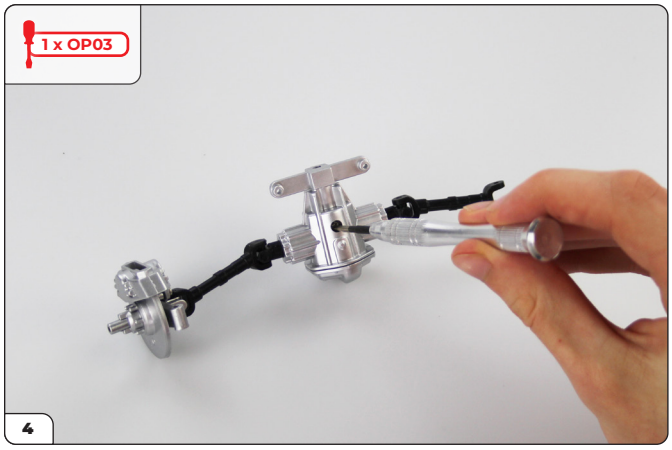
FIX THE TOP PART AND REAR COVER TO THE DIFFERENTIAL HOUSING

Take the Differential Housing assembly from the previous stage and align the Rear Cover as shown. The tiny lug clicks into the hole for a tight fit. Secure in place with a TYPE OP03 screw. Place the Differential Housing Top on top. Check the central screw hole is aligned and that the parts snap firmly in place for a perfect fit. Screw together with another TYPE OP03 screw.

The Propeller Shaft will be attached in the next stage.





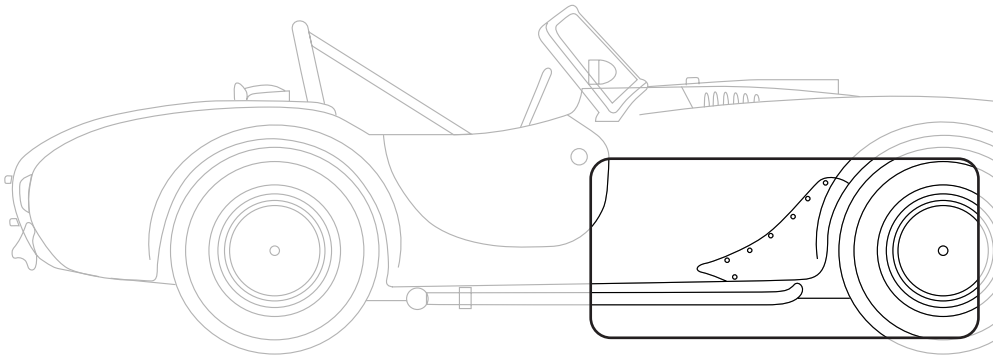


Stage 28: Differential Housing Components and Propeller Shaft

Stage 28 complete!

Stage 29: Upper Suspension Arms

In stage 29, you will continue to build the rear suspension.



STAGE 29 PARTS LIST

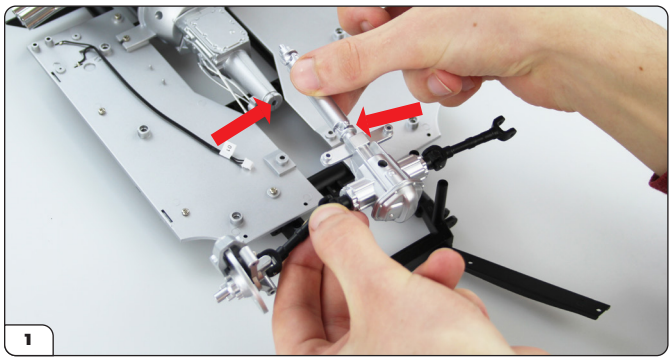
Name	Quantity
Left Rear Upper Arm	1
Right Rear Upper Arm	1
Rear Upper Arm Holder	1
Pin TYPE 7 mm	2
Pin TYPE 14.5 mm	1
Screws TYPE OD05	5

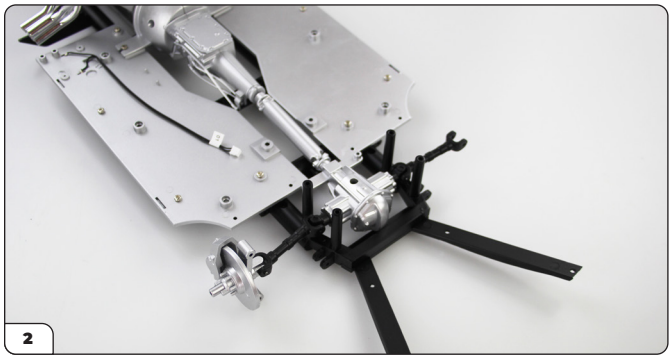
Stage 29: Upper Suspension Arms

STEP 1

FIT THE DIFFERENTIAL HOUSING AND PROPELLER SHAFT TO THE CHASSIS

Rest the Differential Housing Assembly on the chassis and fit the Propeller Shaft between the Differential Housing and the Gearbox. The Shaft fits either way round. These parts will rest in place while you assemble further components.

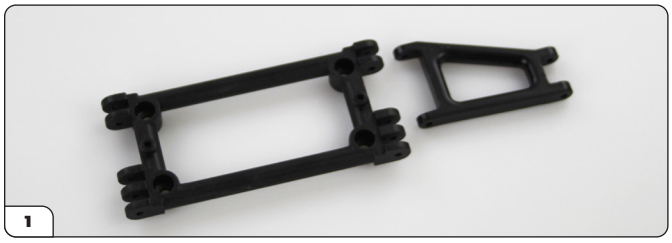


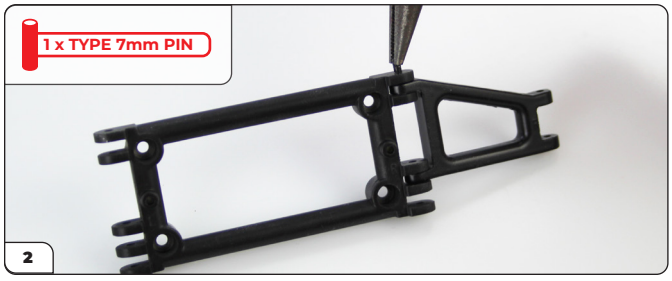


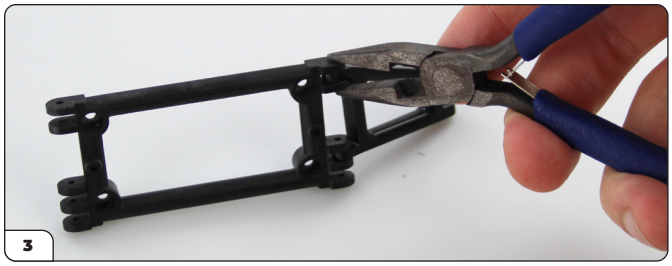
STEP 2

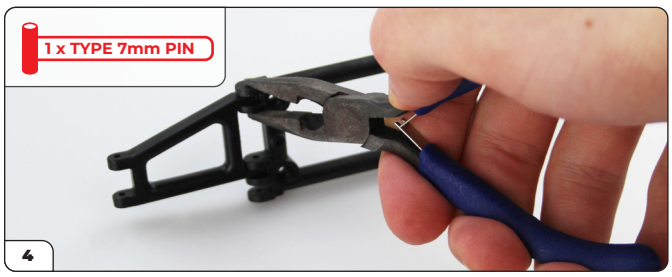
ASSEMBLE THE UPPER ARMS

Note that the Upper Arm Holder and the Upper Arms are marked L and R. Position the Left Upper Arm on the left side of the Holder. Study the picture to make sure you have the parts facing the correct way up. Fix them in place by inserting a TYPE 7 mm pin as shown. Repeat on the opposite side with the Right Upper Arm.







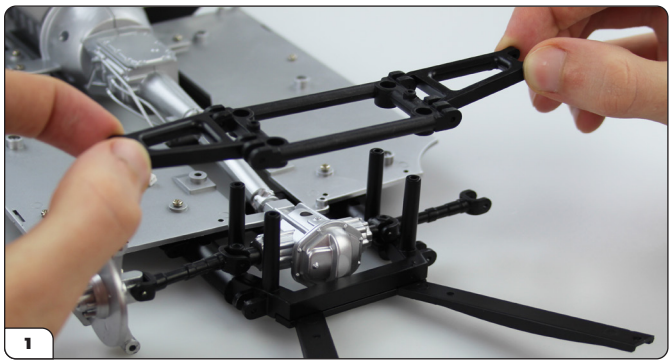


Stage 29: Upper Suspension Arms

STEP 3

ASSEMBLE THE UPPER ARMS ON THE CHASSIS

Mount the Upper Arm Assembly onto the Chassis Suspension. Check you have it the correct way up. The letters L and R should be facing up and visible. Secure in place with 4 x TYPE OD05 screws. Align the Left Upper Arm with the Brake Disc Assembly as shown in picture 3 and secure in place using the TYPE 14.5 mm pin.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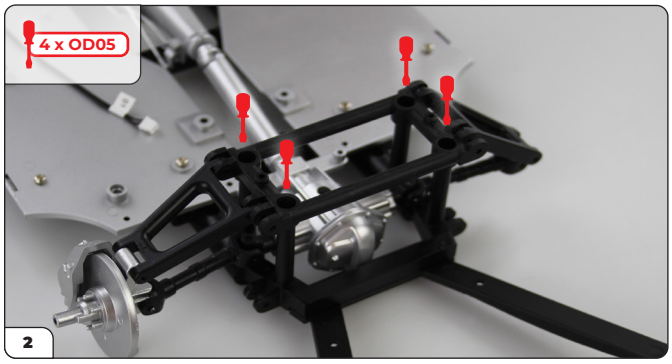

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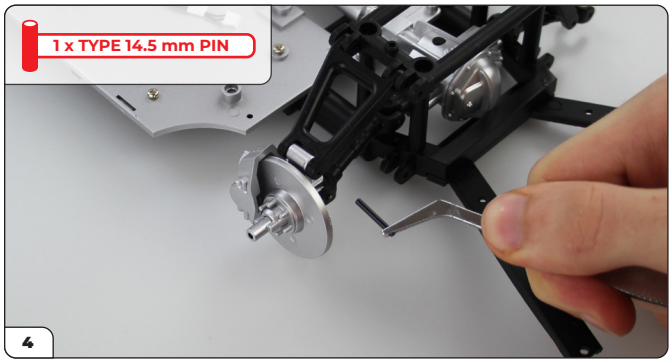

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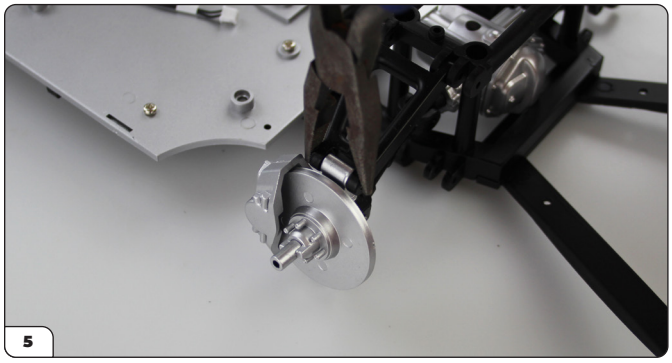
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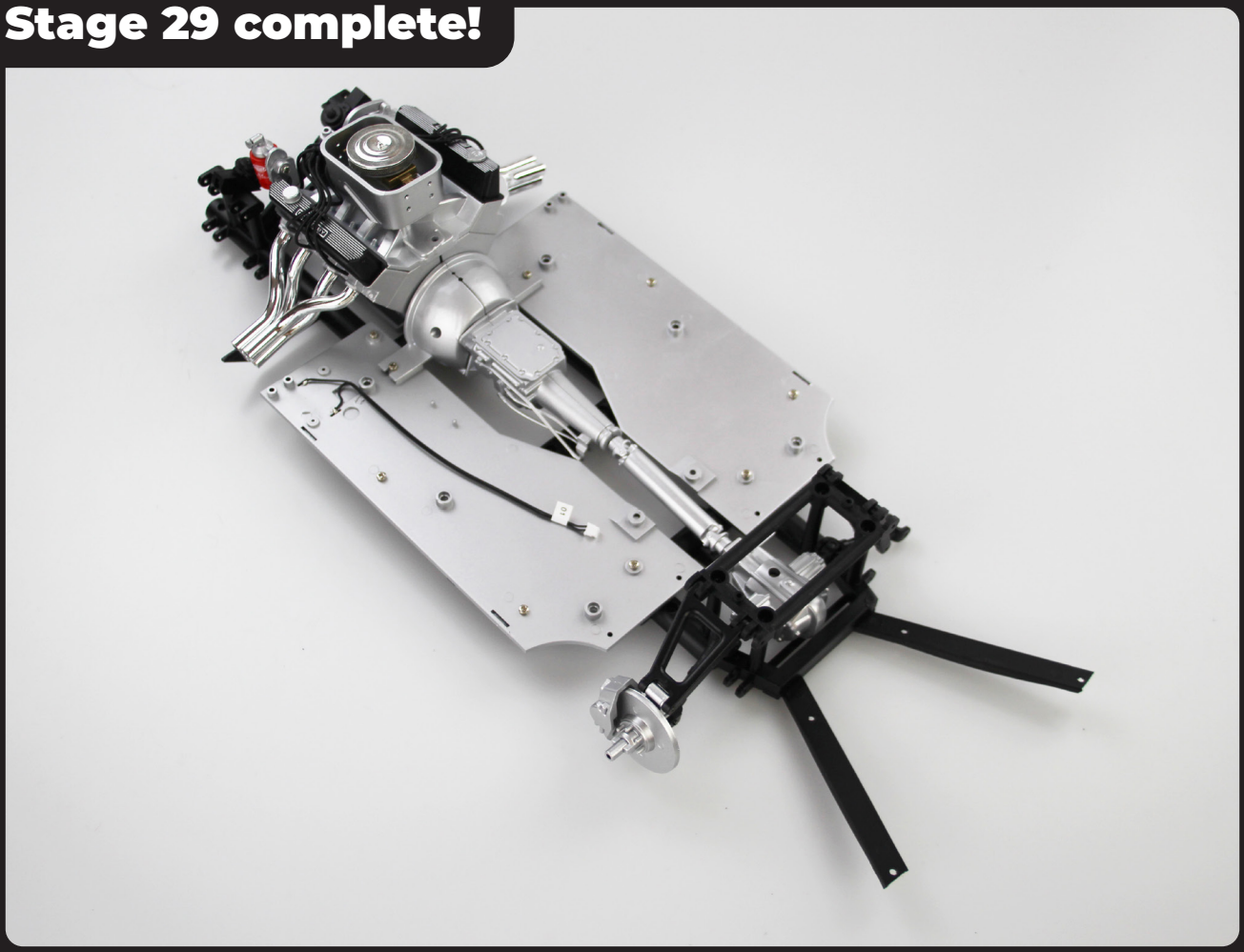
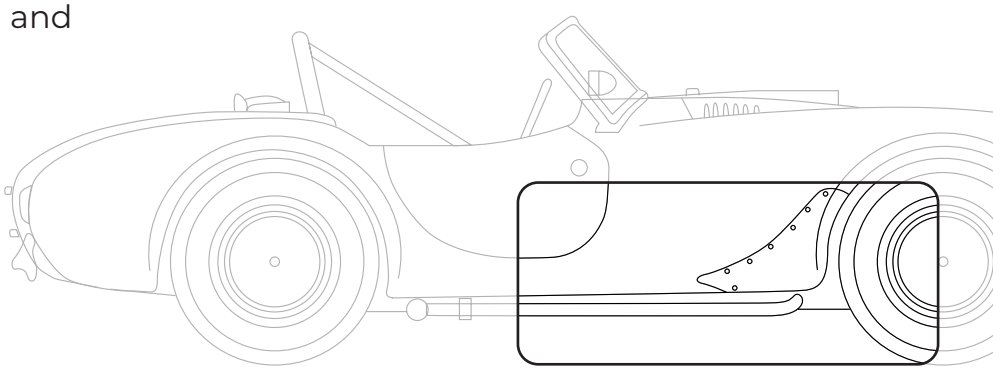
Stage 29: Upper Suspension Arms

Stage 29 complete!



Stage 30: Left Lower Suspension Arm and Shock Absorber

In stage 30, you will assemble the left rear lower suspension arm and shock absorber.



STAGE 30 PARTS LIST

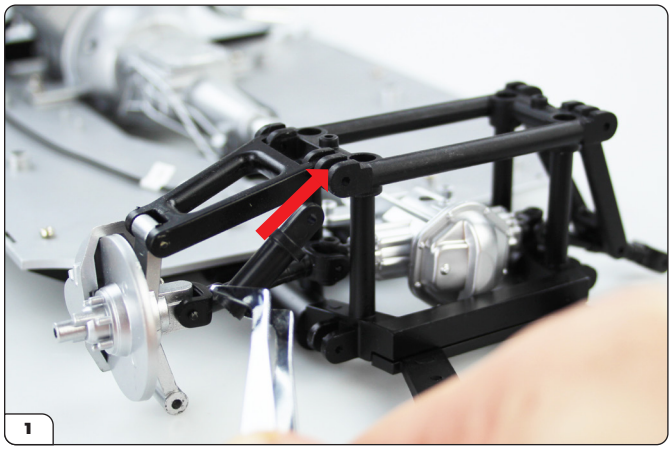
Name	Quantity
Left Rear Lower Arm	1
Coil Spring	1
Shock Absorber Piston	1
Shock Absorber Cylinder	1
Pin TYPE 8 mm	3
Pin TYPE 12 mm	1
Pin TYPE 15.5 mm	1

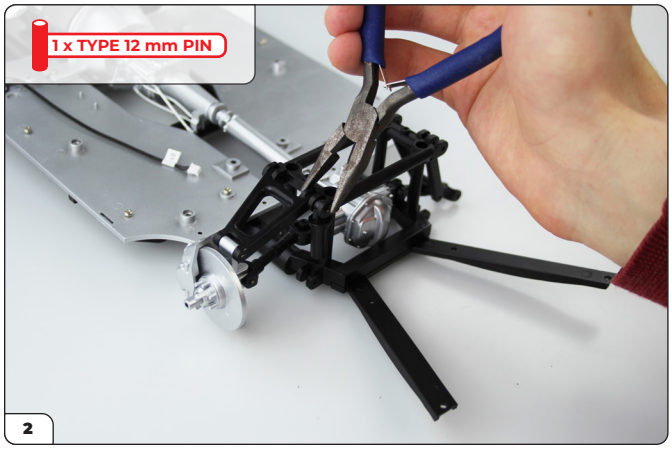
Stage 30: Left Lower Suspension Arm and Shock Absorber

STEP 1

ATTACH THE SHOCK ABSORBER CYLINDER

Slide the Shock Absorber Cylinder from below, into position on the Upper Arm Holder from the previous stage. Secure in place with a TYPE 12 mm pin.

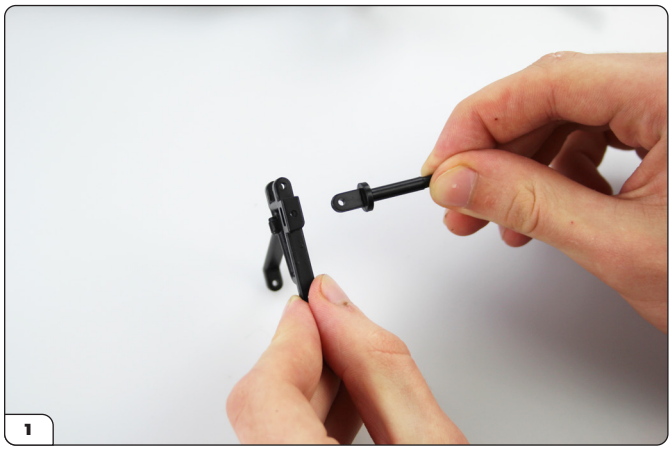




STEP 2

ASSEMBLE THE REAR LOWER ARM

Take the Left Rear Lower Arm and align the pin holes on the Piston as shown. Fix in place with a TYPE 8 mm pin.



Stage 30: Left Lower Suspension Arm and Shock Absorber

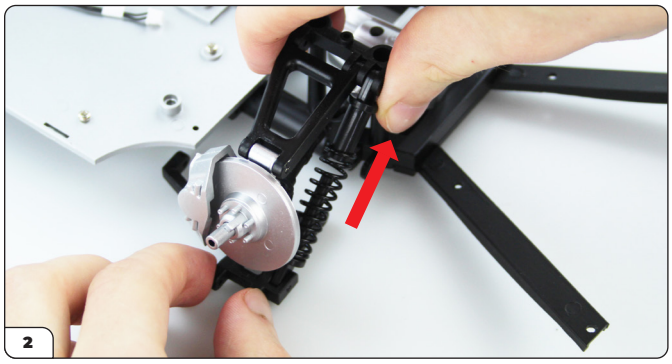
STEP 3

FIX THE REAR LOWER ARM TO THE CHASSIS

Slide the Spring onto the Piston. Insert the Piston into the Cylinder, keeping the Spring on the outside of the Cylinder. Carefully turn the Chassis onto its side. Align the fixings on the Lower Arm with the fixing brackets on the chassis. Secure in place with 2 x TYPE 8 mm pins. Finally, align the bracket on the Lower Arm with the Wheel Hub and secure the parts together with a TYPE 15.5 mm pin.

Note: the Shock Absorber Piston can only go in from the top of the Lower Arm.


1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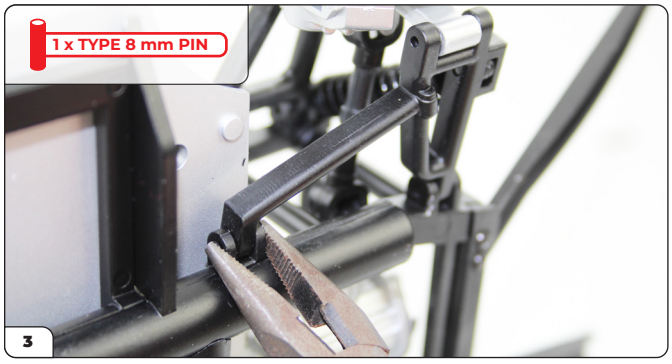

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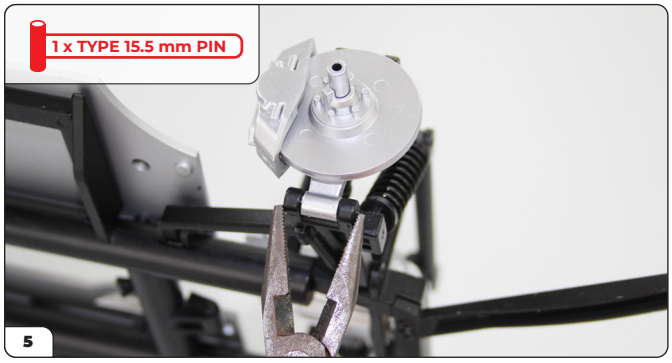
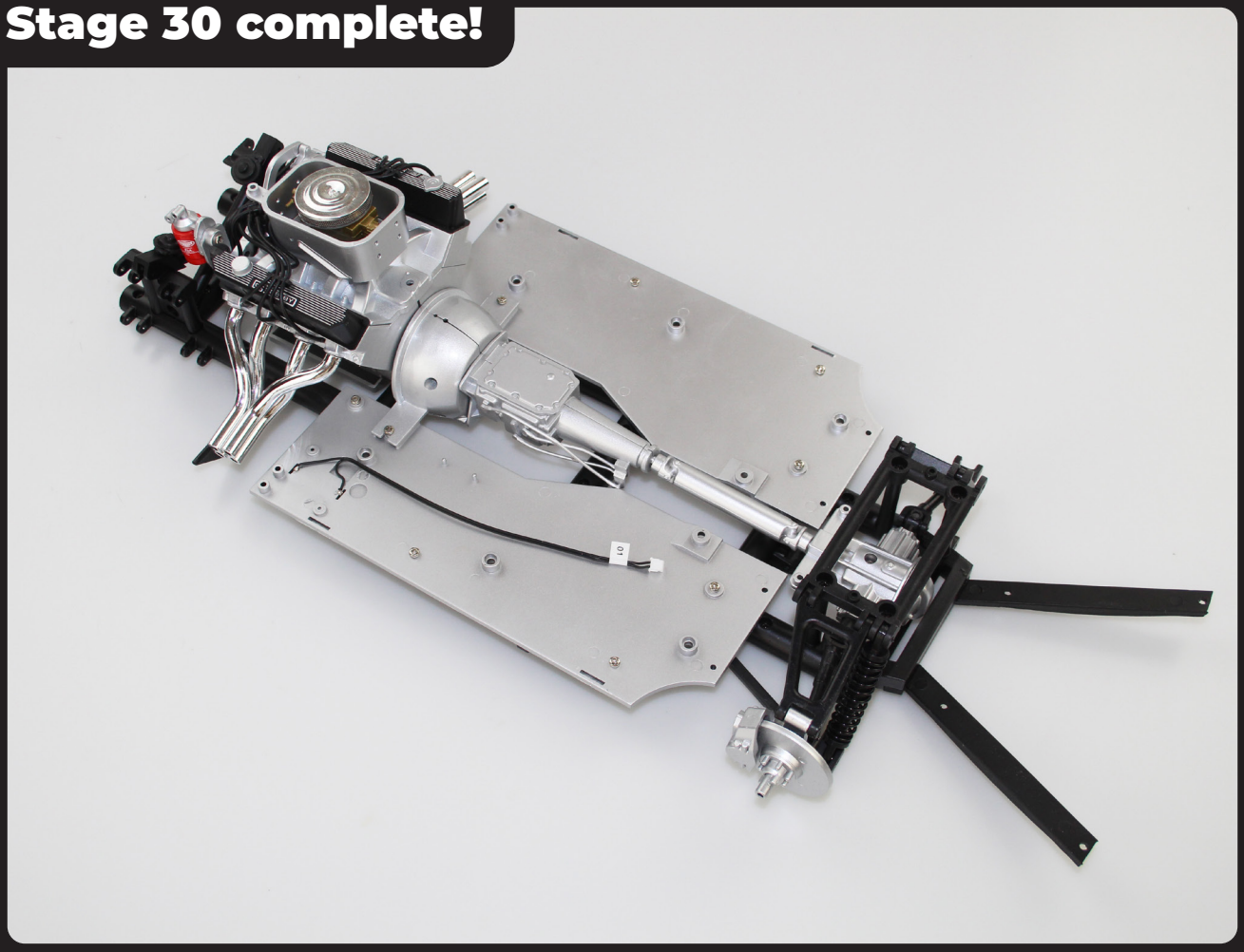
4



5

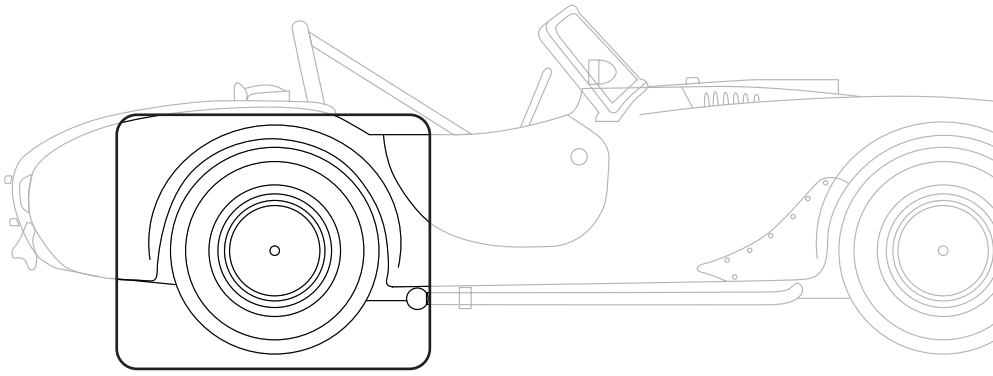
Stage 30: Left Lower Suspension Arm and Shock Absorber

Stage 30 complete!



Stage 31: Brake Parts For The Right Rear Wheel

In stage 31, you will assemble parts for the right rear wheel.



STAGE 31 PARTS LIST

Name	Quantity
Three-eared Spinner	1
Hubcap	1
Brake Disc	1
Wheel Hub	1
Brake Caliper	1
Screws Type OD01	2 [including 1 spare]

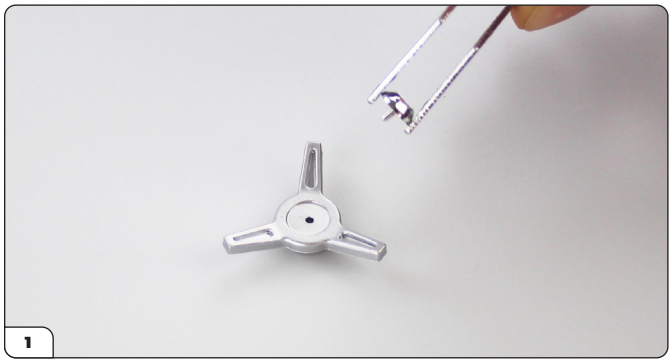
Stage 31: Brake Parts For The Left Rear Wheel

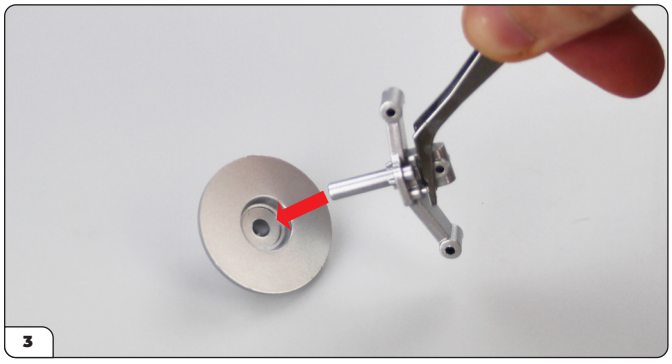
STEP 1

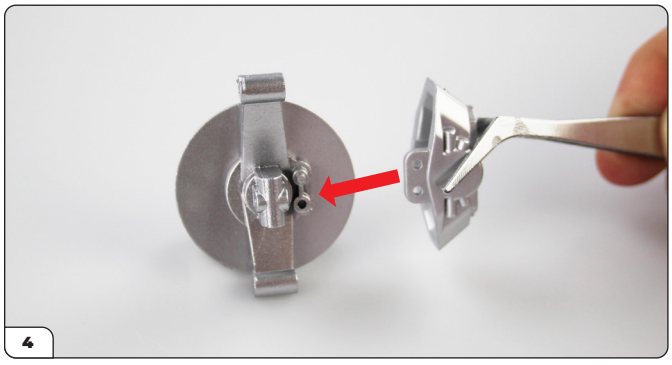
ASSEMBLE THE SPINNER AND BRAKE PARTS

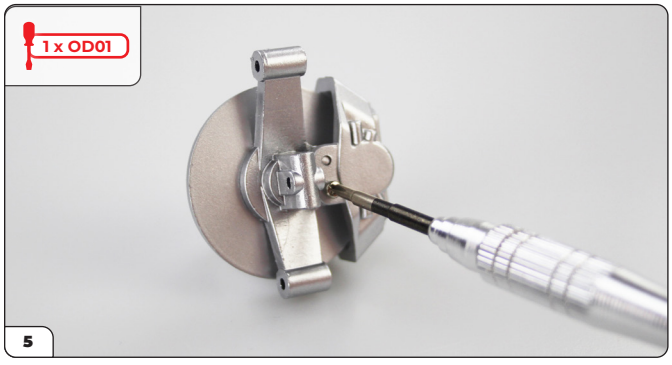
Push the hubcap into the center of the three-eared Spinner. This is a friction fit and will stay in place without screws. Align the wheel hub with the brake disc and place the pieces together. Align the tiny hole on the brake caliper with the tiny lug on the wheel hub. Position the pieces together and secure with a TYPE OD01 screw.

NOTE:
In our photographs, the wheel hub shown is silver. The correct colour is black which has been supplied in your Pack.









Stage 31: Brake Parts For The Left Rear Wheel

Stage 31 complete!