



E-TYPE



Pack 03

BUILD INSTRUCTIONS

STAGE 16: SUBFRAME PARTS - 1

STAGE 17: SUBFRAME PARTS - 2

STAGE 18: SUBFRAME PARTS - 3

STAGE 19: SUBFRAME PARTS - 4

STAGE 20: SUBFRAME PARTS - 5

STAGE 21: SUBFRAME PARTS - 6

STAGE 22: SUBFRAME PARTS - 7

STAGE 23: BONNET AND BADGE

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 Jaguar, the left or right hand side refers to each side as 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 16: Subframe Parts – 1

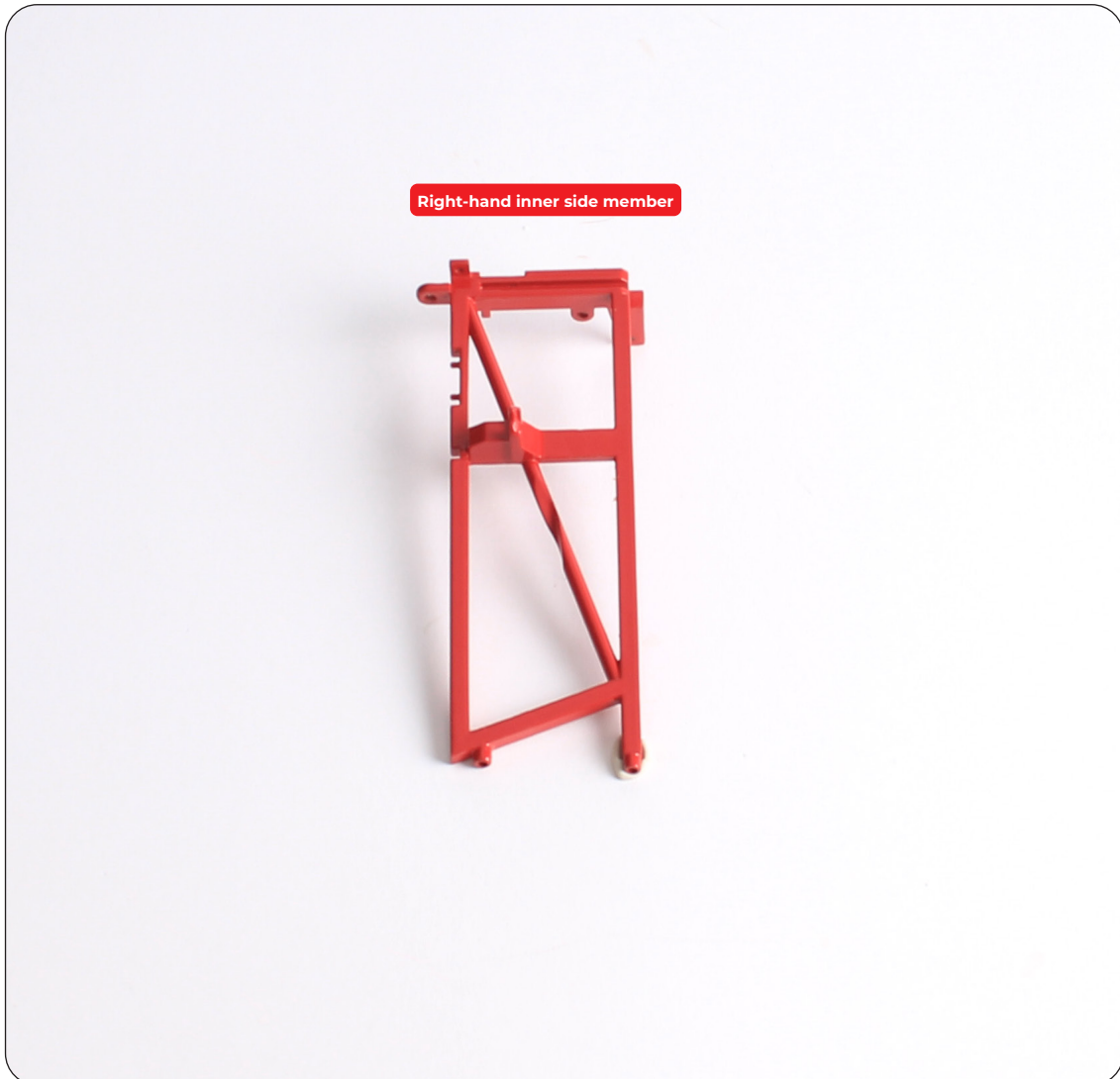
This first stage of building pack 3 brings you the subframe that supports the engine and front suspension. No assembly is required, the build will start in the next stage.



STAGE 16 PARTS LIST

Name

Right-hand inner side member



Stage 17: Subframe Parts – 2

In this next stage you will start assembling the suspension by fitting the two wishbones to the right-hand inner side member.



STAGE 17 PARTS LIST

Name
Right upper wishbone
Right lower wishbone
Right suspension upright
Screws type AM03 x3

Right upper wishbone



Right lower wishbone



Right suspension upright

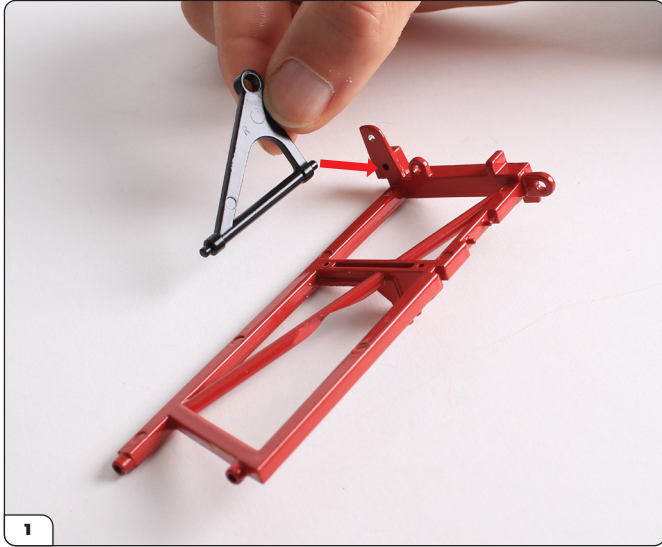


Screws type AM03 x3

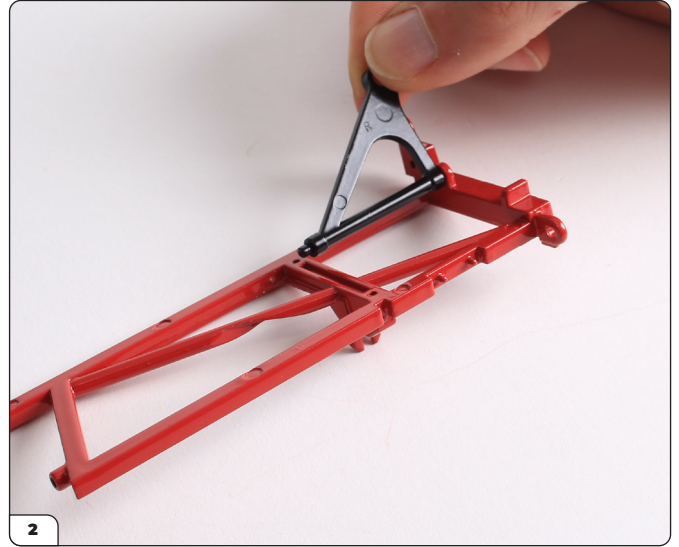


Stage 17: Subframe Parts – 2

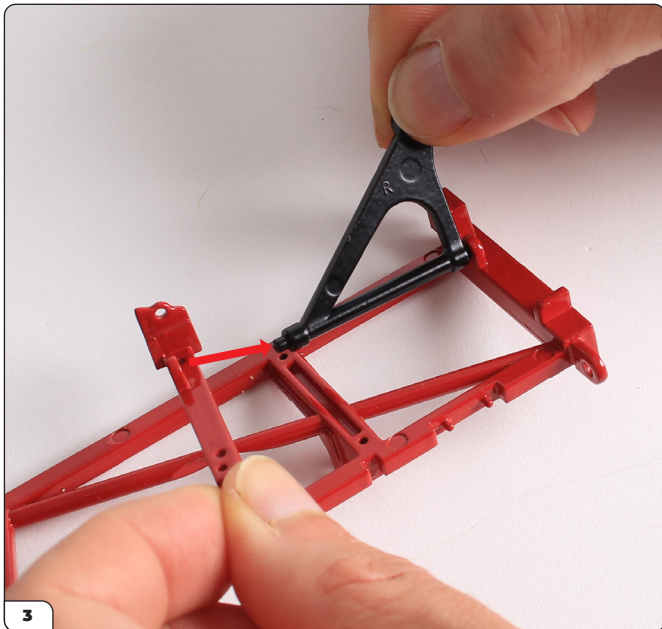
STEP 1



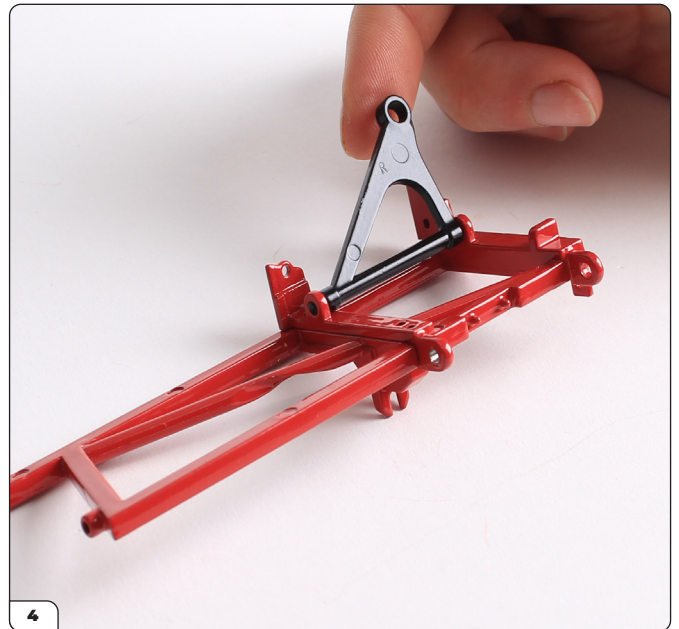
1 Align the upper wishbone with the side member from stage 16, as shown.



2 Fit the pin projecting from the upper wishbone into the hole.



3 Take the suspension upright and position it with the pivot hole aligned with the pin on the upper wishbone.

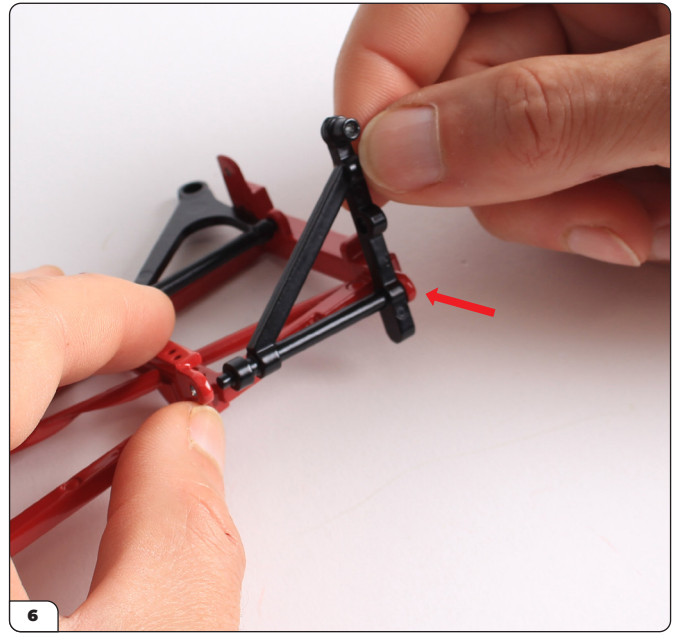


4 Fit the parts together, ensuring that the long tab on the underside of the suspension upright sits within the corresponding recess on the side member.

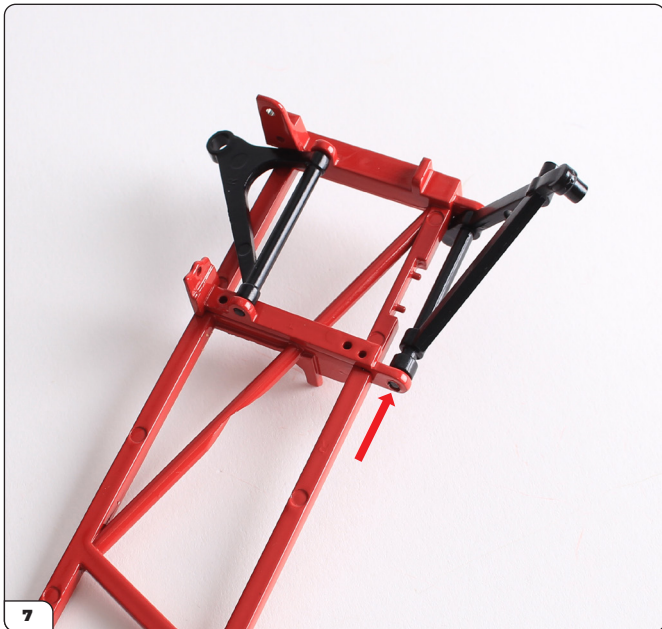
Stage 17: Subframe Parts – 2



Take the lower wishbone and align the pin on each end (arrows) with the holes in the suspension upright.



Fit the first pin into the fixed hole on the side member (arrow). Carefully lift the suspension upright a little to allow the pin on the other end of the lower wishbone to slot into place.



Re-position the suspension upright to secure the lower wishbone in place.



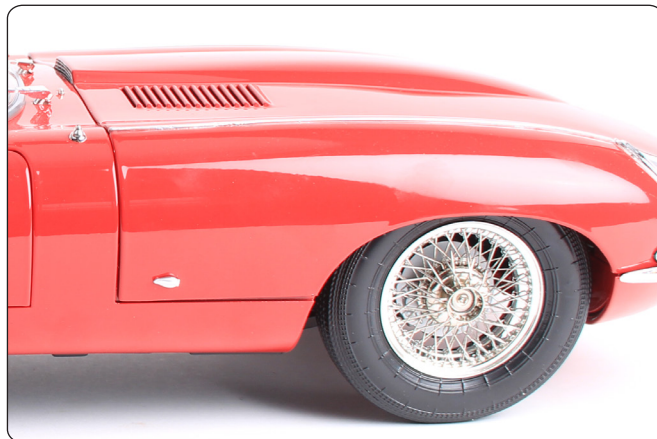
Secure everything in place with 2 x AM03 screws.

Stage 17: Subframe Parts - 2



Stage 18: Subframe Parts – 3

Stage 18 brings you the second part of the subframe. Unpack your part and move straight to stage 19 to resume the build.



STAGE 18 PARTS LIST

Name

Left-hand side member

Left-hand side member



Stage 19: Subframe Parts – 4

This next stage mirrors the process in stage 17 as you fit the two wishbones to the left-hand side member.



STAGE 19 PARTS LIST

Name
Left lower wishbone
Left upper wishbone
Left suspension upright
Screws type AM03 x3

Left lower wishbone



Left upper wishbone



Left suspension upright



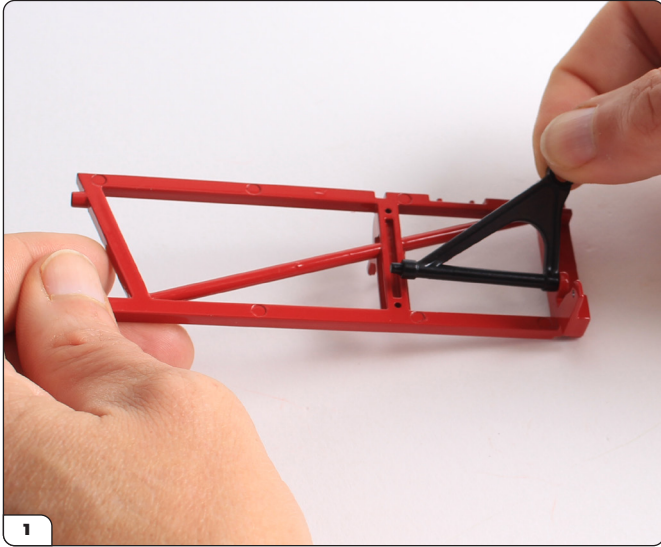
AM03

Screws type AM03 x3

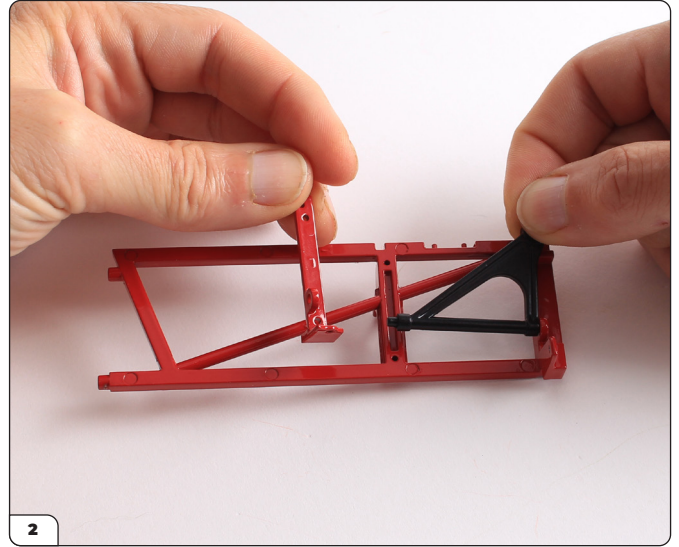


Stage 19: Subframe Parts – 4

STEP 1



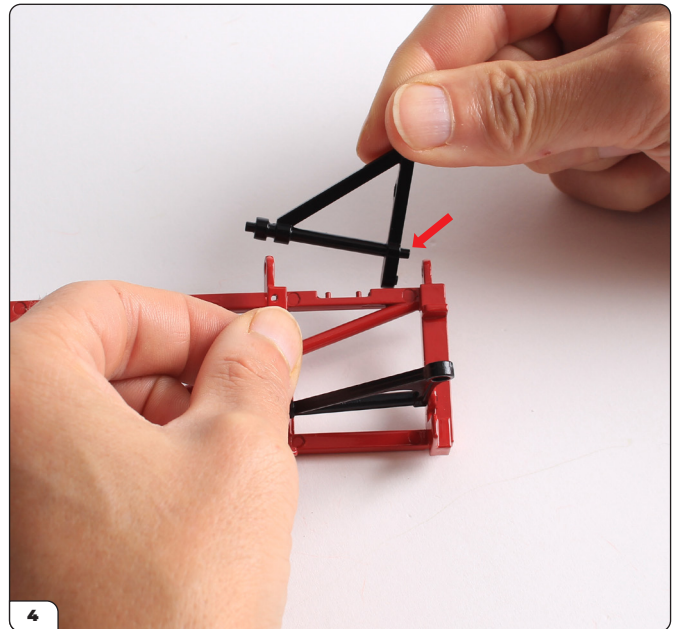
Align the upper wishbone with the side member from stage 18, as shown. Fit the pin projecting from the upper wishbone into the hole.



Take the suspension upright and position it with the pivot hole aligned with the pin on the upper wishbone.



Fit the parts together, ensuring that the long tab on the underside of the suspension upright sits within the corresponding recess on the side member.



Take the lower wishbone and fit the first pin into the fixed hole on the side member (arrow). Carefully lift the suspension upright a little to allow the pin on the other end of the lower wishbone to slot into place.

Stage 19: Subframe Parts – 4



Reposition the suspension upright to secure the lower wishbone in place.



Secure everything in place with 2 x AM03 screws



Stage 20: Subframe Parts – 5

In this next stage, you'll fit the front crossmember that joins the two side members in front of the engine.



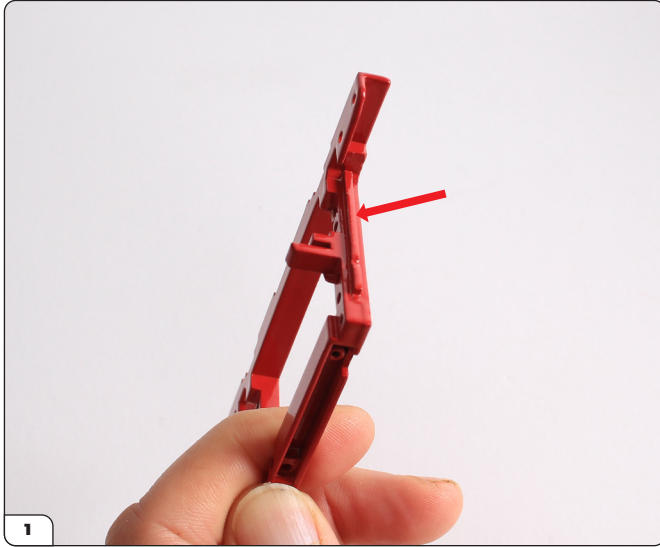
STAGE 20 PARTS LIST

Name
Front crossmember
Screws type AM15 x3
Screws type AM03 x3



Stage 20: Subframe Parts – 5

STEP 1

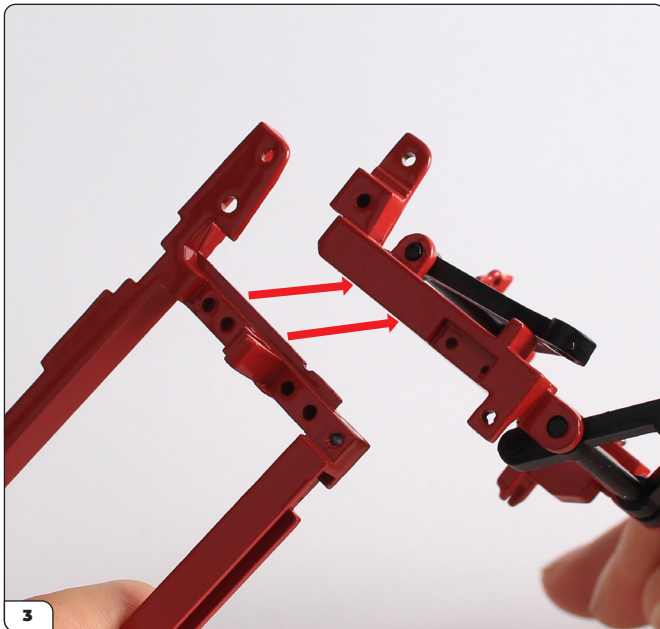


Take the front crossmember and note that there is a long tab down the side as indicated.

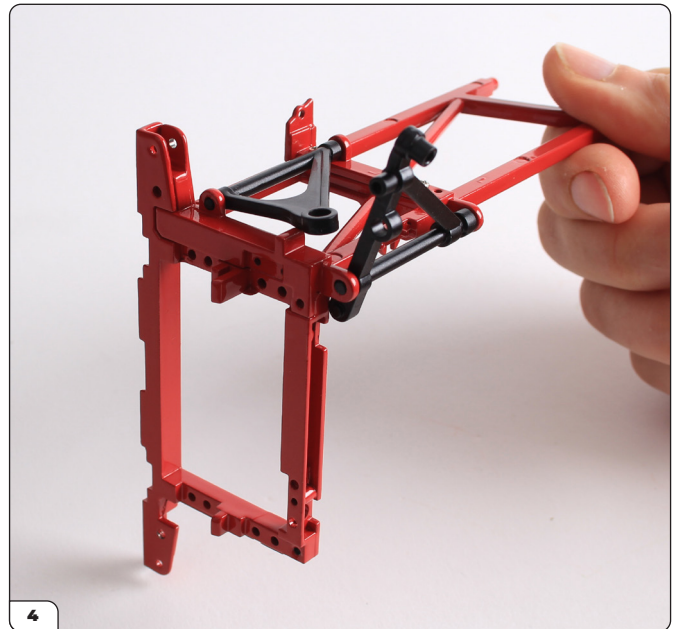


Now take the left-hand side member assembly from stage 19 and note that there is a corresponding long recess as indicated.

Tip: the wishbones are engraved with L and R to easily identify the left and right assemblies.



Align the long tab on the crossmember with the recess on the side member.

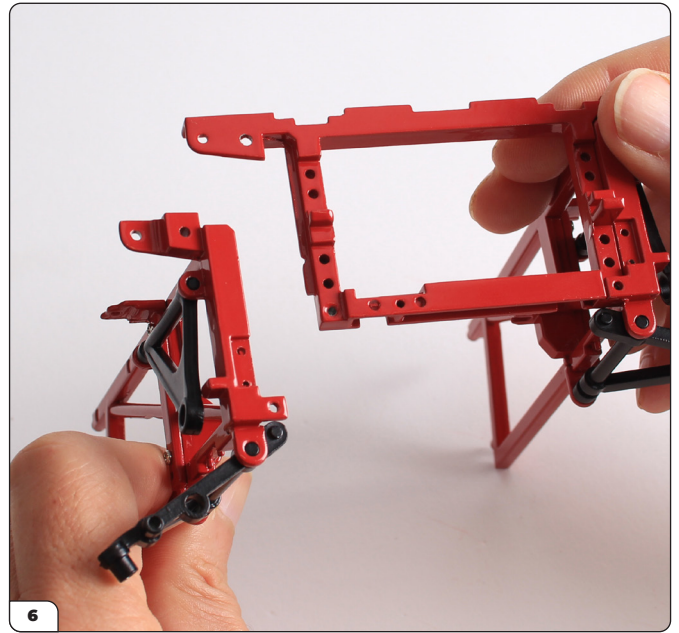


Position the two parts together.

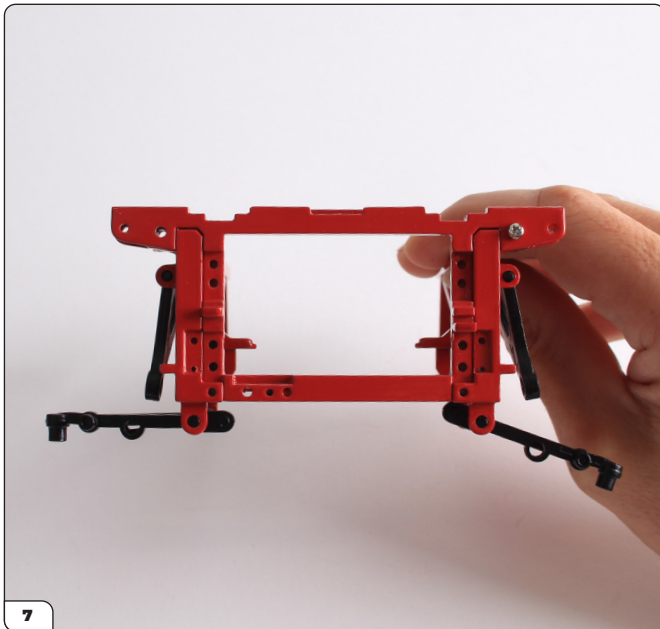
Stage 20: Subframe Parts – 5



Secure the parts together with an AM15 screw.



Align the ride-hand side member in the same way, ensuring the long tab on the crossmember fits into the corresponding recess on the side member.

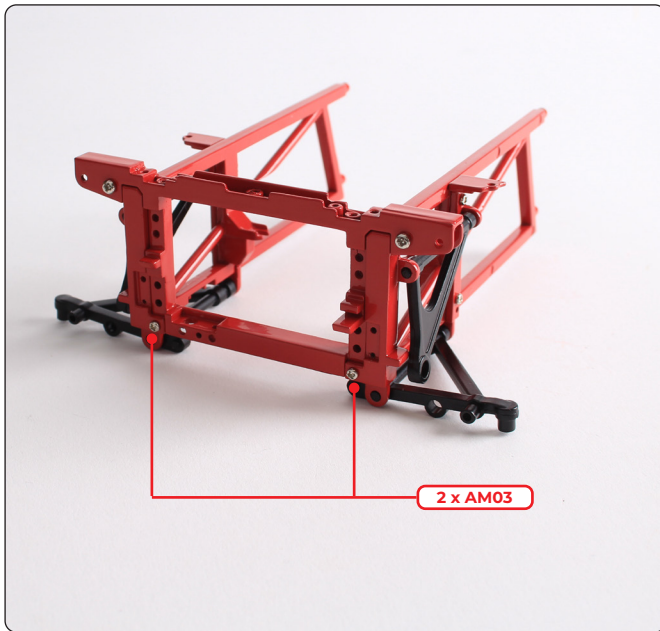


The right-hand side member is correctly fitted.



Secure the side member to the cross member with an AM15 screw.

Stage 20: Subframe Parts – 5



Finish securing the side members in place using 2 x AM03 screws.



Stage 21: Subframe Parts – 6

In this stage you'll fit the two diagonal braces that extend from the right-hand inner side member.



STAGE 21 PARTS LIST

Name
Right-hand upper brace
Right-hand diagonal brace
Screws type AM03 x3

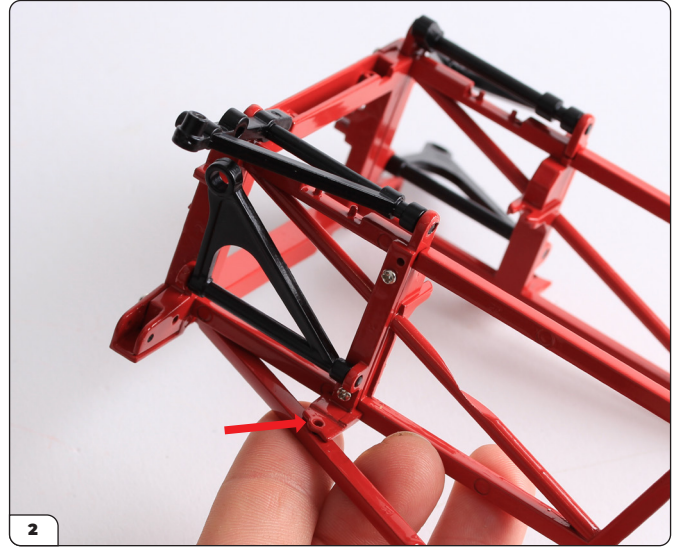


Stage 21: Subframe Parts – 6

STEP 1



Align the upper brace with the assembly from stage 20 as shown. It fits at an angle, resting on the front crossmember and the side member where shown (arrows). If the cranked square does not fit the recess perfectly, try scraping off any excess paint as shown (inset).



Holding the brace in place, turn the assembly over so you can access the fixing point on the side member (arrow).



Use an AM03 screw to secure the brace to the side member.

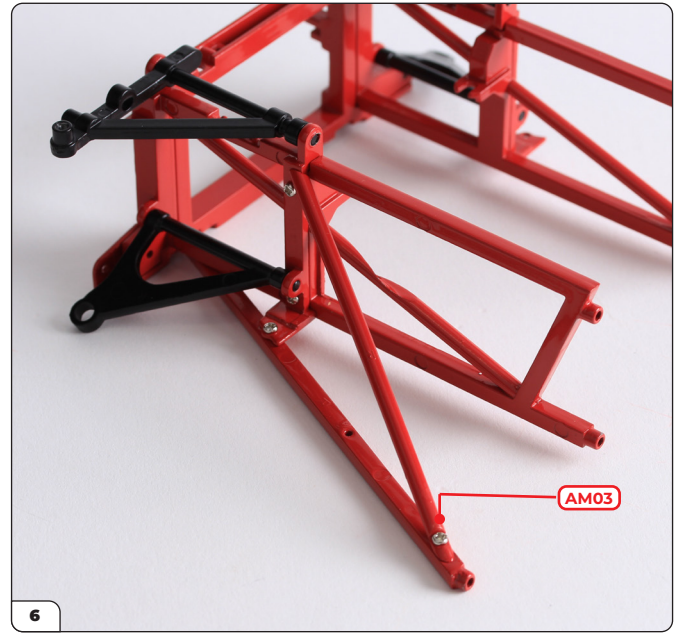


Align the pin on the end of the diagonal brace with the hole in the assembly as shown.

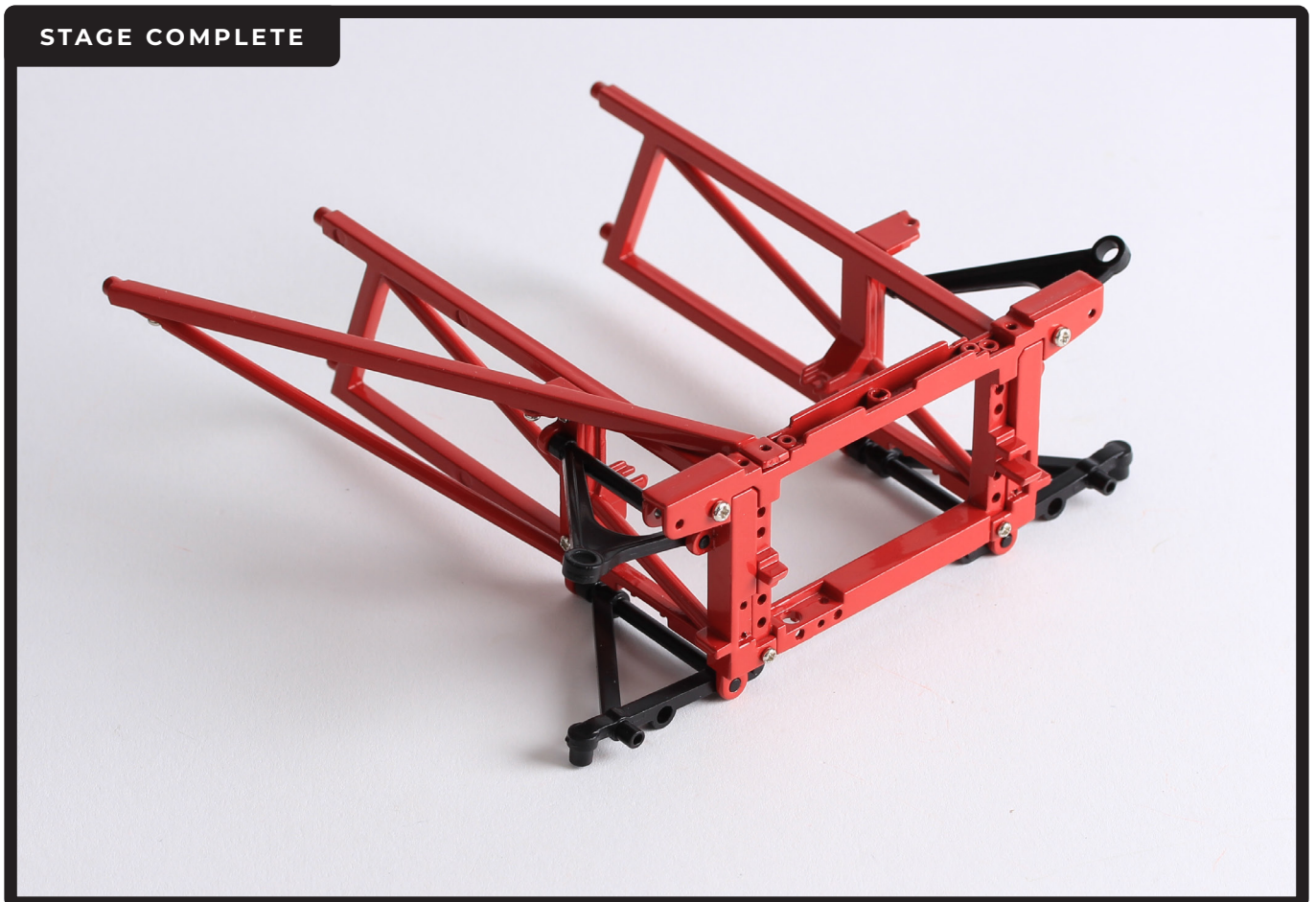
Stage 21: Subframe Parts – 6



Fit the pin to the hole, aligning the hole in the other end of the diagonal brace with the corresponding hole in the side member as shown.



Secure the brace in place with another AM03 screw.



Stage 22: Subframe Parts – 7

Now you'll attach the braces that mirror those in the previous stage, to the left-hand side.



STAGE 22 PARTS LIST

Name
Left-hand upper brace
Left-hand diagonal brace
Screws type AM03 x3

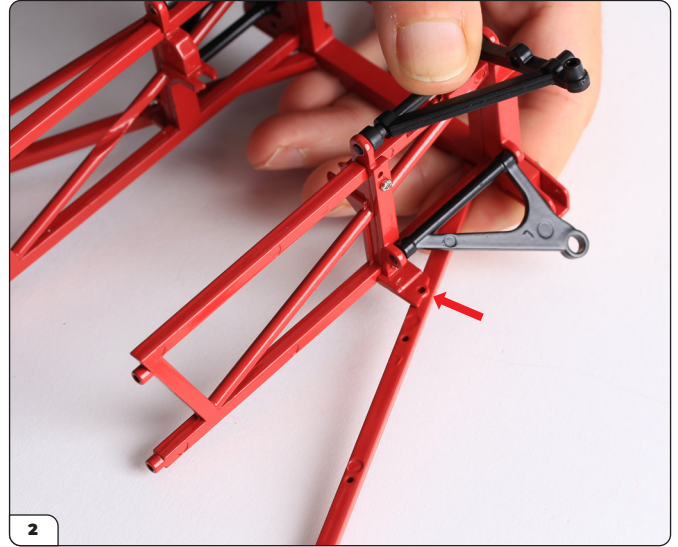


Stage 22: Subframe Parts – 7

STEP 1



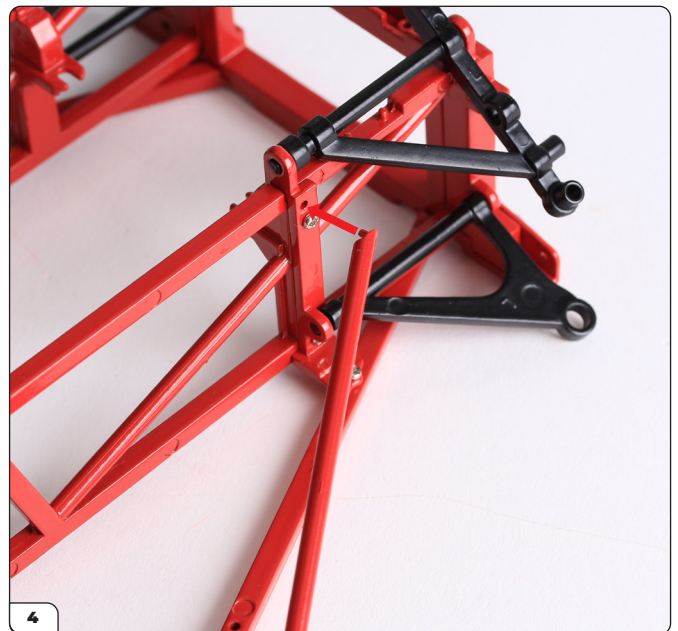
Align the upper brace with the assembly at the two points indicated by arrows, trimming off any excess paint if necessary to ensure a good fit.



Holding everything in place, turn the assembly over so that you can access the hole in the side member.



Secure the brace to the side member with an AM03 screw.

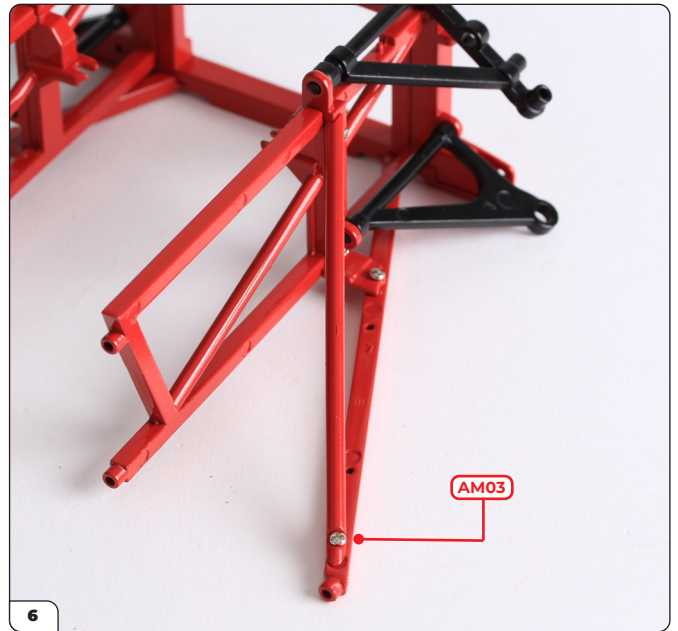


Align the pin on the end of the diagonal brace with the corresponding hole on the side member.

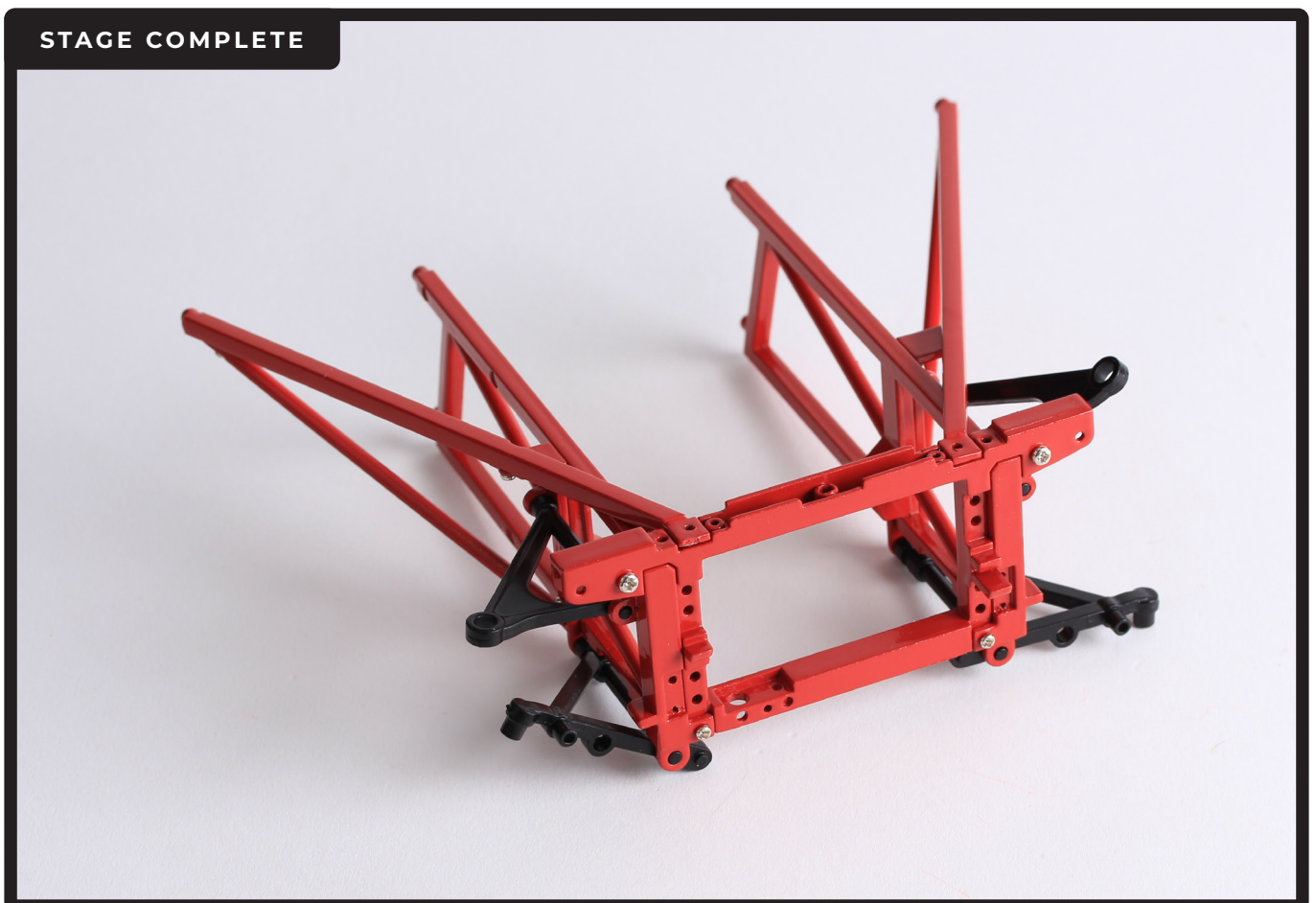
Stage 22: Subframe Parts - 7



Fit the pin in place, aligning the screw holes at the opposite end as shown.



Secure the brace in place with an AM03 screw.



Stage 23: Bonnet and Badge

In this final stage of pack 3 you'll switch focus, attaching the Jaguar 'growler' badge and motif bar to the bonnet.



STAGE 23 PARTS LIST

Name
Bonnet
Motif bar
Left hand hub cap
Jaguar 'growler' badge
Screws type AG01 x2

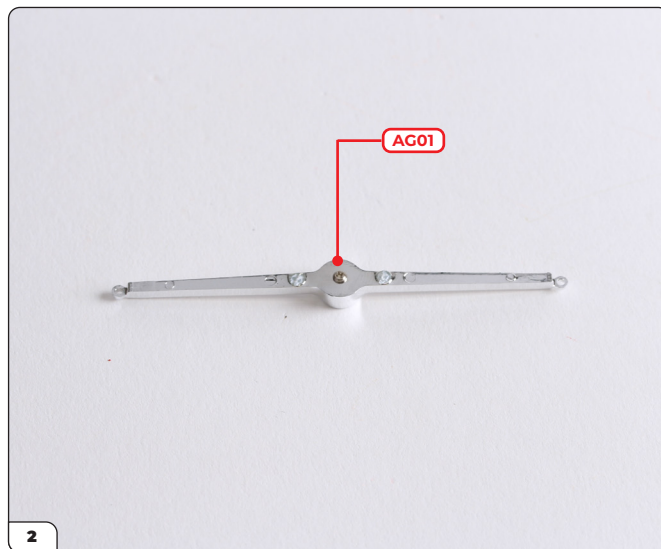


Stage 23: Bonnet and Badge

STEP 1



Take the Jaguar growler badge and align it with the motif bar. The back of the badge has a small locating tab, so it will only fit in one position. Fit the badge into the recess.



Holding the badge in place, turn the motif bar over and secure it in place from the reverse side with an AG01 screw. Do not overtighten the screw as this might crack the badge.

STAGE COMPLETE

