

# A L I E N



## Pack 13

### BUILD INSTRUCTIONS

STAGE 93: THE THORAX AND THE BASE (I)

STAGE 94: THE THORAX AND THE BASE (II)

STAGE 95: THE THORAX AND THE BASE (III)

STAGE 96: THE THORAX

STAGE 97: THE THORAX AND THE LIMBS

STAGE 98: THE NECK (II)

STAGE 99: THE REMOTE CONTROL,  
THE BATTERY AND THE SKULL

STAGE 100: THE SKULL, THE BASE  
AND POSING THE MODEL



## Before you start...

To help you get the best out of building the Xenomorph, we've prepared a modellers checklist with hints, tips and advice from our expert. The information below is aimed at making your build as enjoyable and professional as possible right from the start.

Make sure you have good ventilation when using adhesives and to replace caps firmly.

Always use the correct adhesives and always follow manufacturers guidance.

Apply glue sparingly and use a cocktail stick to apply so that you don't use too much nor apply the glue too heavily.

Work in a well lit area. Use an anglepoise lamp or similar on your work bench to ensure you have good light whenever you're at work.

Organise storage – stackable, labeled containers like old clean takeaway or ice-cream plastic tubs with lids are perfect. Small parts which may not be needed until a later stage should be kept in clear plastic and labeled bags.

Use masking tape to hold parts temporarily in place.

Only use the correct size screwdriver that fits the screw head firmly.

Cut parts from a sprue (framework) with side cutters or a craft knife. Side cutters tend to be easiest.

Use a magnet to help find screws that have fallen on the floor.

Leave parts in the paper bags supplied until they are needed. You can write a note of the stage and part on the paper bag too.

If a screw is tight, try turning a half turn forwards followed by a quarter turn backwards. Also, it can sometimes help to temporarily fit a screw into its hole before assembling the parts.

But most of all, enjoy your build!



**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.

All parts belong to a kit. Collectors item for adults.

Not suitable for children under 14.

Some parts may have sharp edges, please handle them with care.

The installation of electronic parts must always be carried out by an adult. When replacing batteries, use the same type of batteries.

Please ensure that the battery compartment is securely fastened before you use the model.

Used batteries should be recycled.

Please make sure to check with your local authority how batteries should be disposed of in your area.

Batteries can present a choking danger to small children and may cause serious harm if ingested. Do not leave them lying around and keep any spare batteries locked away at all times.

# STAGE 93: THE THORAX AND THE BASE (I)

In this stage you will start to assemble the thorax and base.

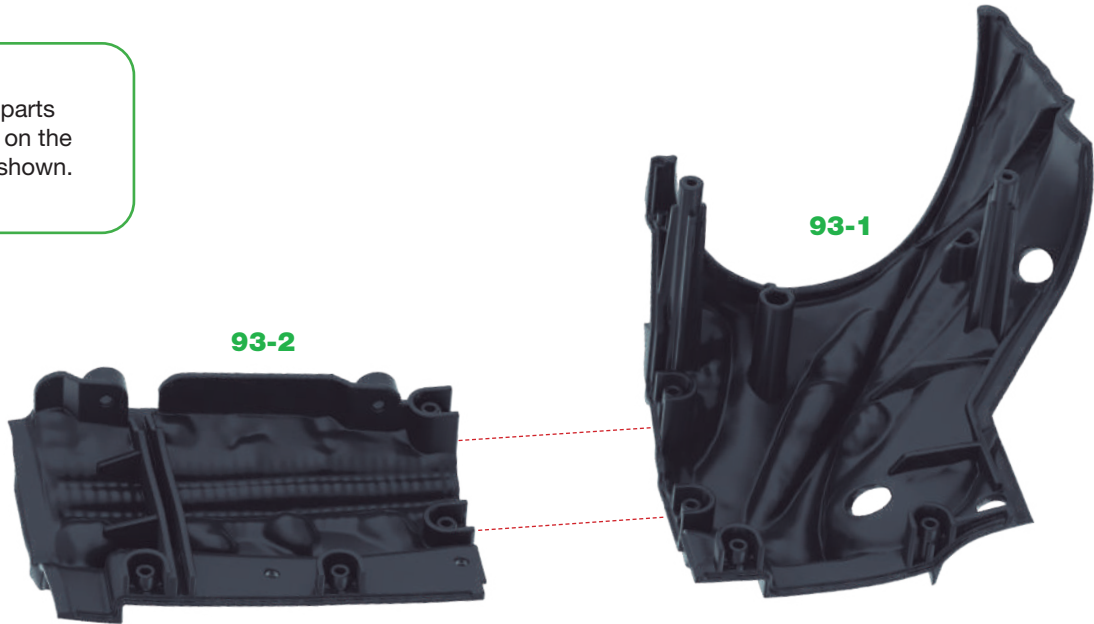


## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
93-1	Thorax 1	1	93-5	Connector	2
93-2	Thorax 4	1	93-6	2.3x6mm screws (1 spare)	5
93-3	Base 1	1	93-7	2.5x6mm screws (1 spare)	5
93-4	Base Connector	2			

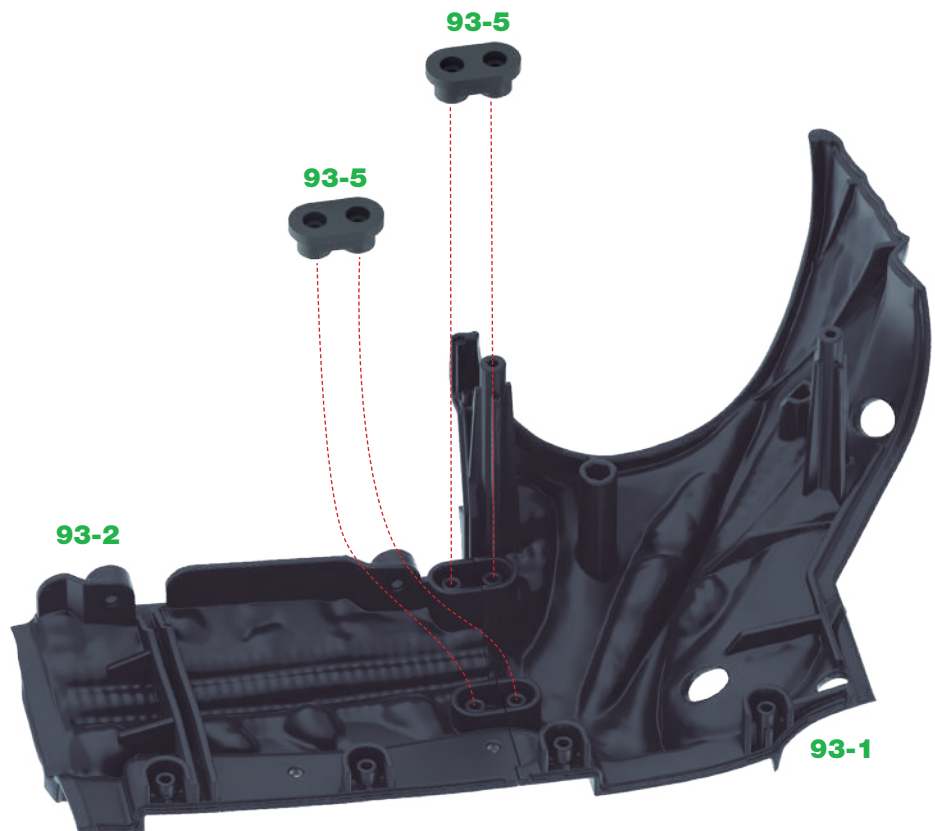
## STAGE 93: THE THORAX AND THE BASE (I)

Place the Thorax parts **93-1** and **93-2** on the work surface, as shown.



1

Join Thorax **93-1** to Thorax **93-2** by fitting two Connectors **93-5** over the raised screw sockets at the edge of the parts.

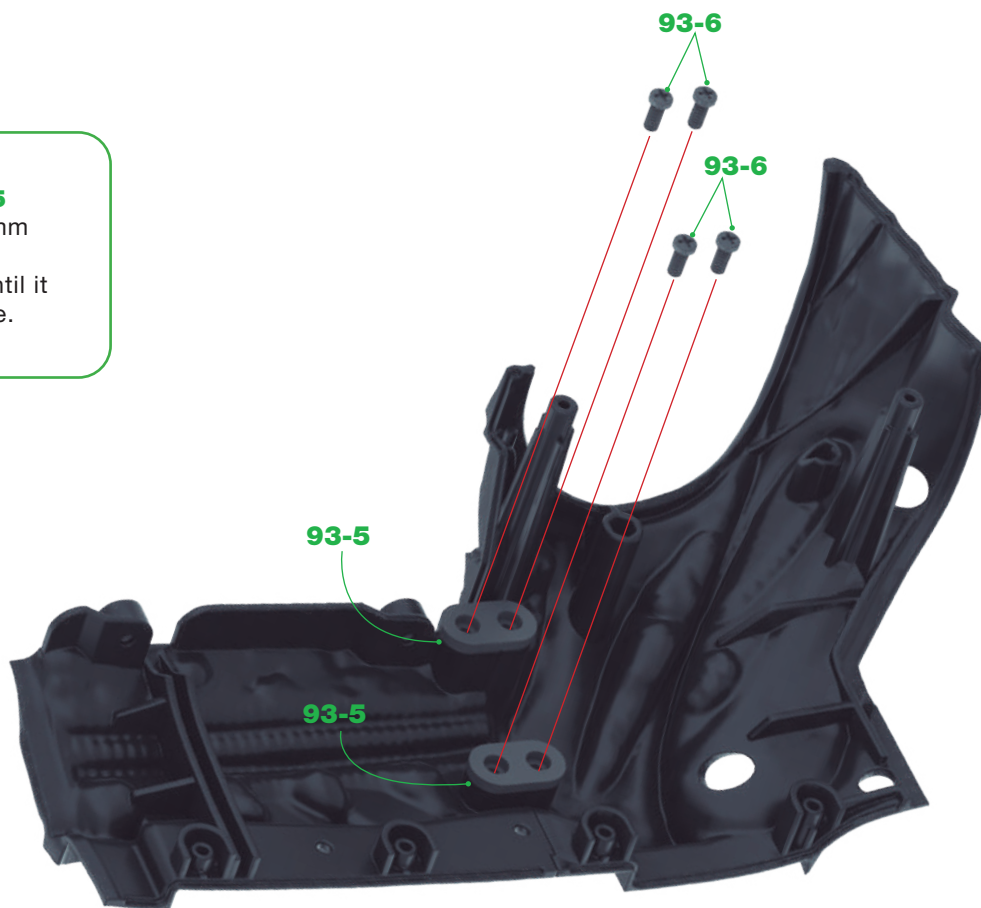


2



## STAGE 93: THE THORAX AND THE BASE (I)

Fix the Connectors **93-5** in place with four 2.3x6mm screws **93-6**. Put the assembly safely aside until it is needed in a later stage.



3

**93-7**

**93-7**

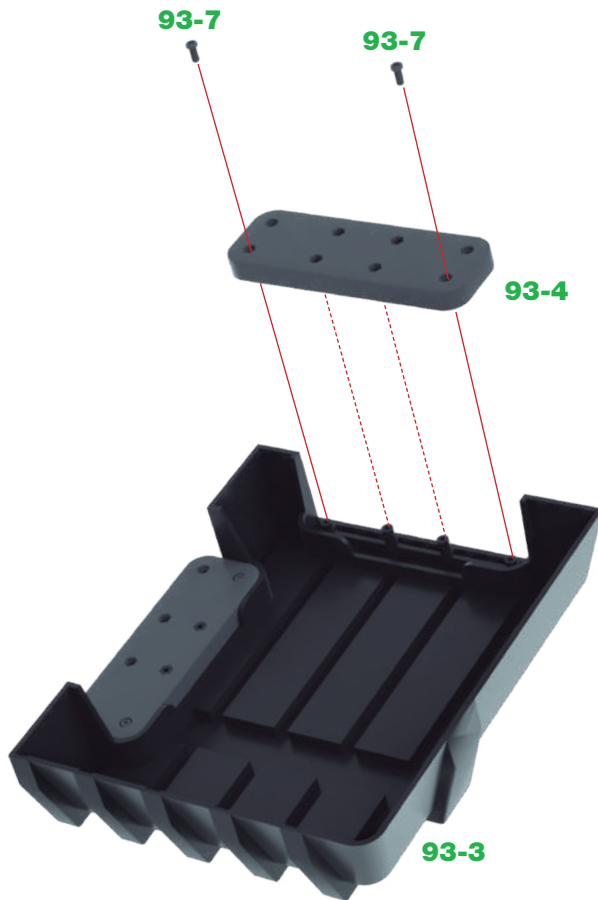
**93-4**

**93-3**

Take one of the Base Connectors **93-4** and fit it over the four raised sockets along the edge of Base **93-3**. Secure in place using two 2.5x6mm screws **93-7** inserted into the holes at the ends of the Base Connector **93-4**.

4

## STAGE 93: THE THORAX AND THE BASE (I)



In a similar way, fit the other Base Connector **93-4** onto the raised sockets along the side of Base **93-3**, as shown by the red lines. Fix in place using two 2.5x6mm screws **93-7**, inserted into the end holes of the connector.

5

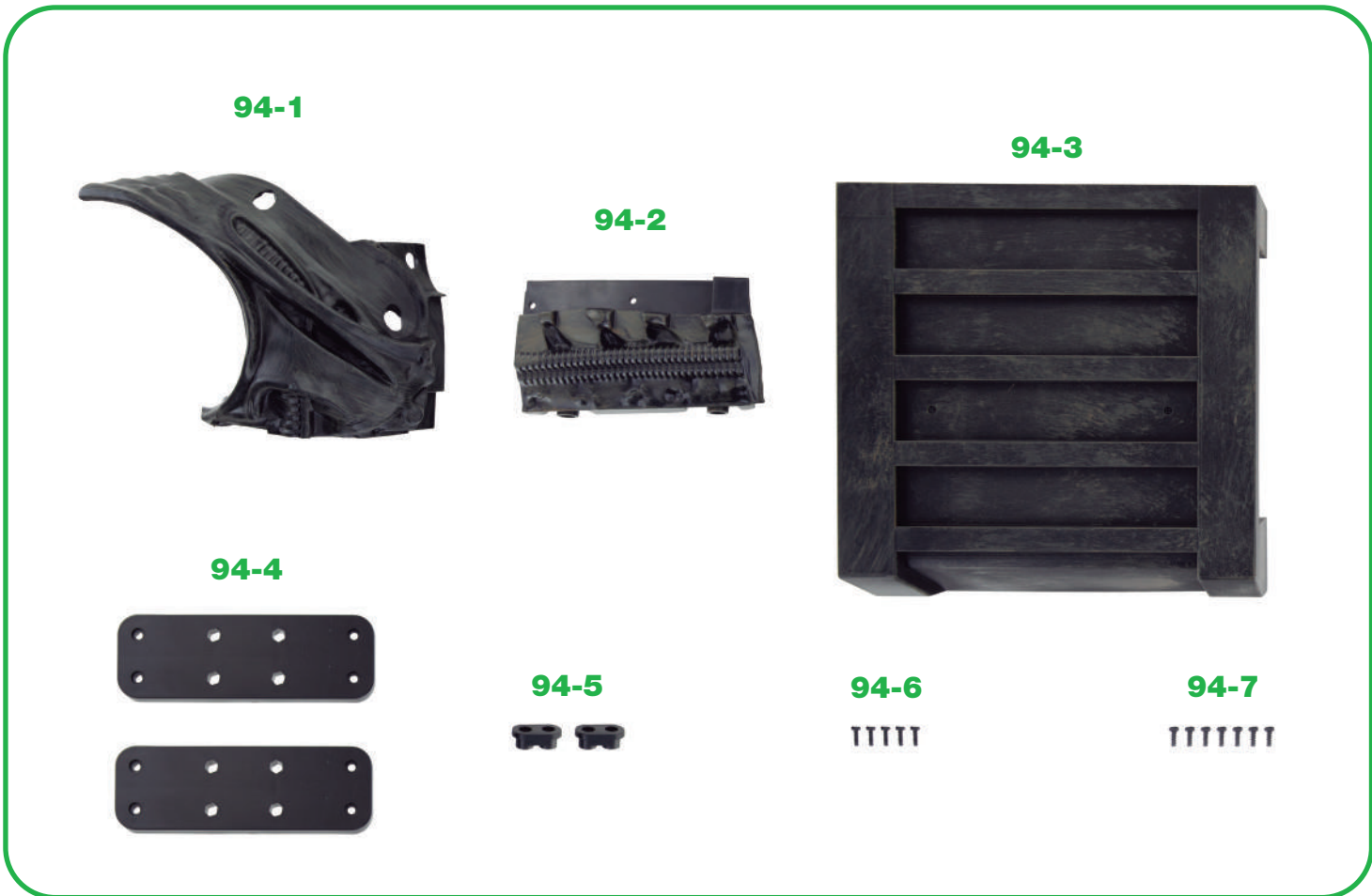
**STAGE 93 IS COMPLETE**

*WORK HAS BEGUN ON THE THORAX AND CONNECTORS HAVE BEEN ADDED TO THE BASE.*



# STAGE 94: THE THORAX AND THE BASE (II)

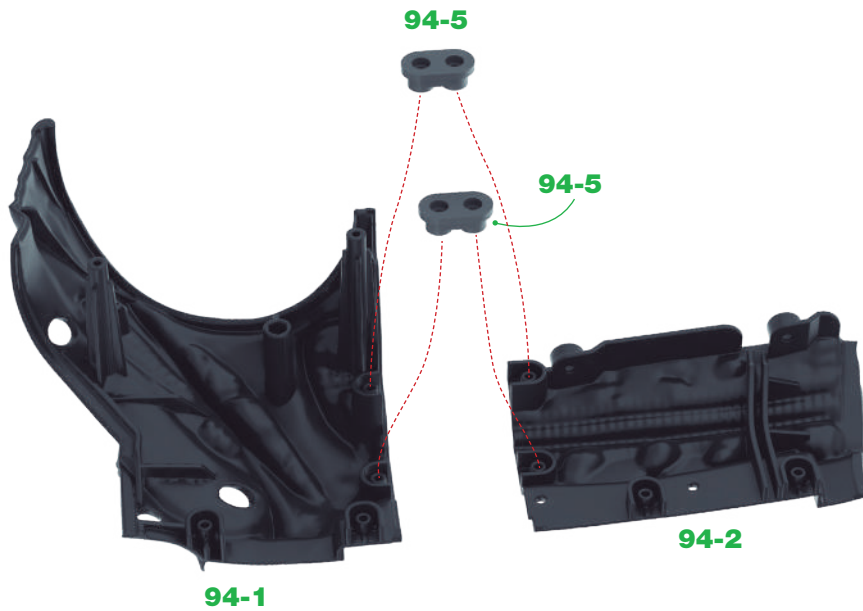
In this stage you will continue the assembly of the thorax and base.



## PARTS SUPPLIED

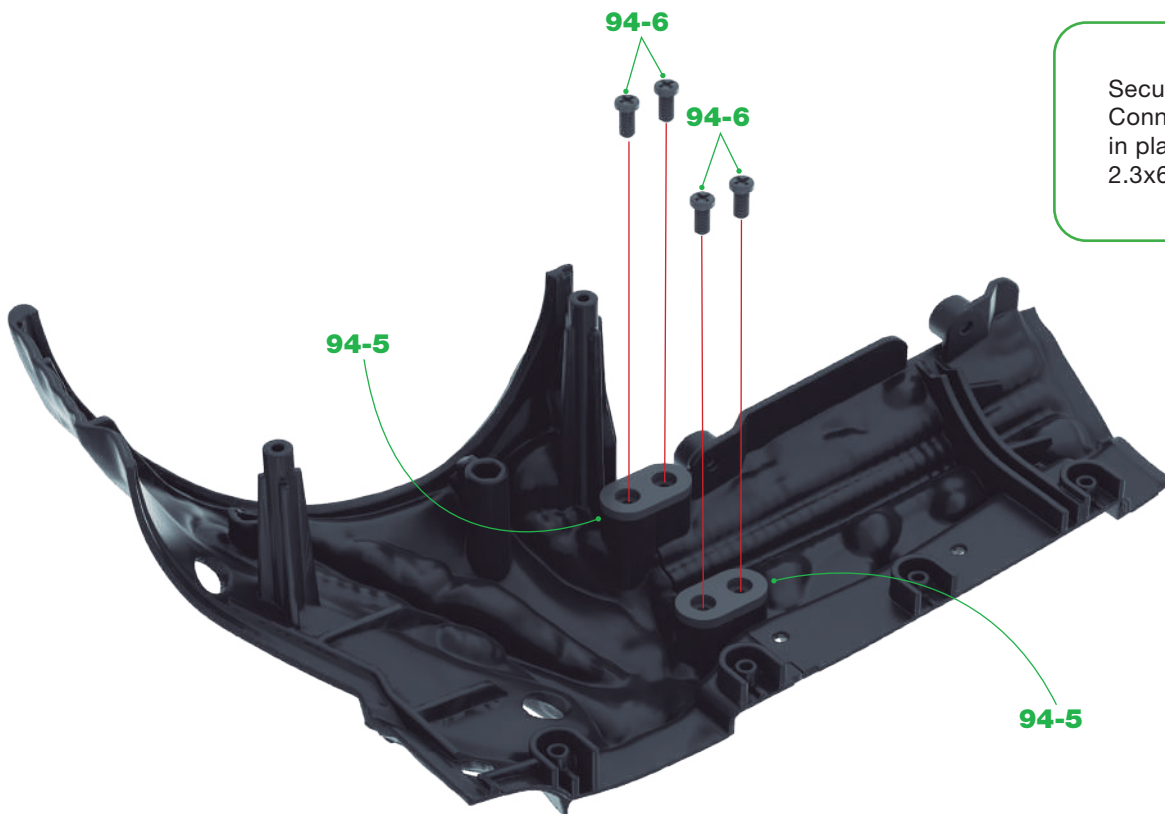
Ref	Name	Qty	Ref	Name	Qty
94-1	Thorax 2	1	94-5	Connector	2
94-2	Thorax 3	1	94-6	2.3x6mm screws	5
94-3	Base 2	1			
94-4	Base Connector	2	94-7	2.5x6mm screws	7

## STAGE 94: THE THORAX AND THE BASE (II)



Take Thorax parts **94-1** and **94-2** and place them side by side, as shown on left. Join them together by fitting two Connectors **94-5** over the raised screw sockets at the edge of the parts.

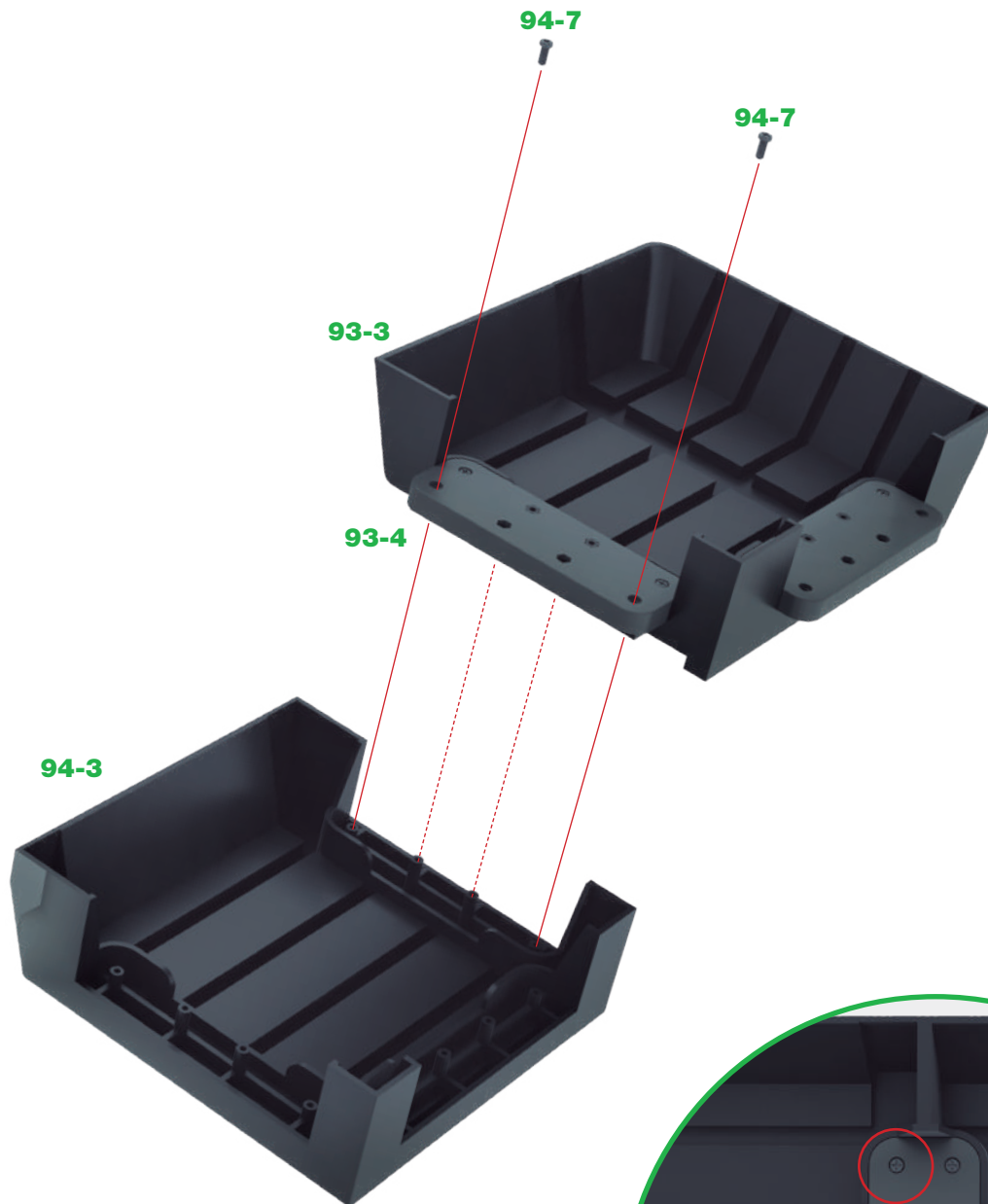
1



Secure each of the Connectors **94-5** in place using two 2.3x6mm screws **94-6**.

2

## STAGE 94: THE THORAX AND THE BASE (II)



94-3

93-3

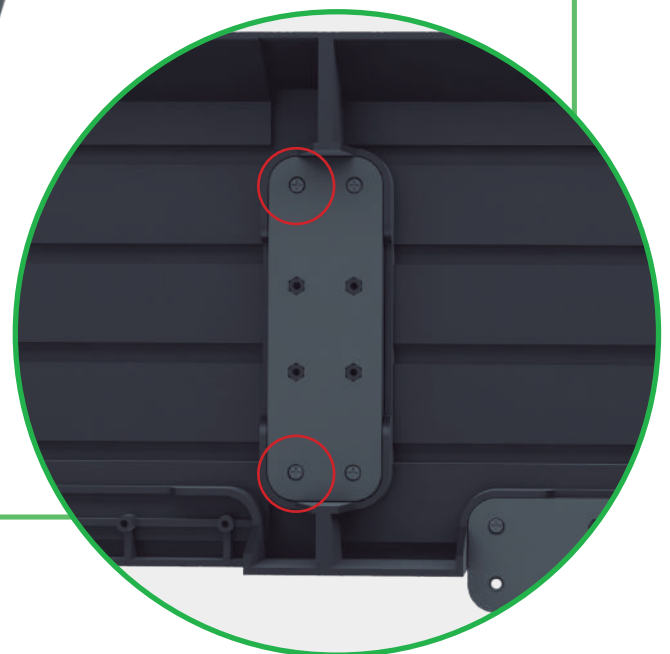
93-4

94-7

94-7

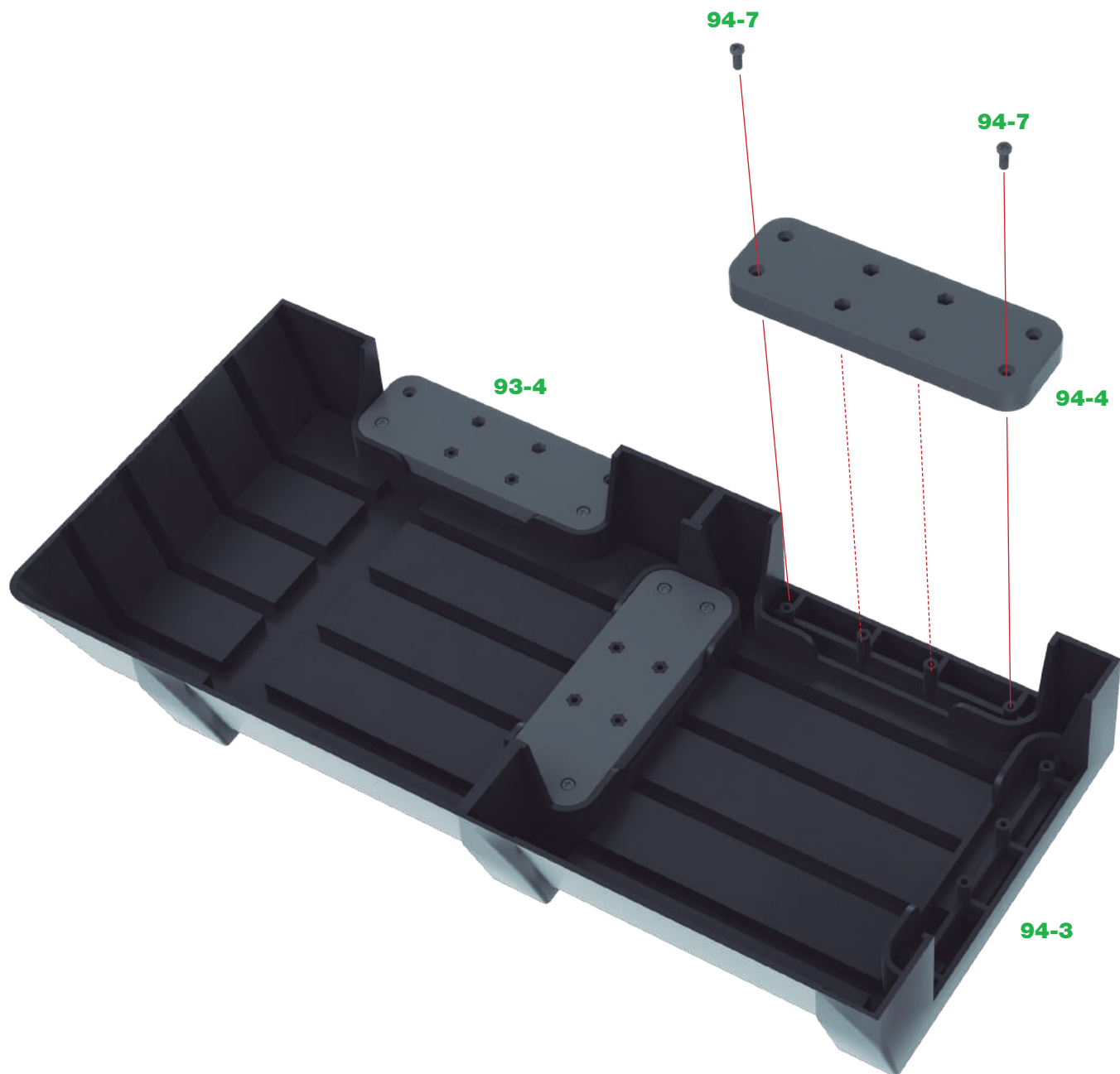
3

Take the base assembly **93-3** from the previous stage along with Base **94-3**. Study the diagram carefully and note how the two parts are joined. The connector **93-4** fits over raised sockets on Base **94-3** and is held in place with two 2.5x6mm screws **94-7** (circled, right).





## STAGE 94: THE THORAX AND THE BASE (II)

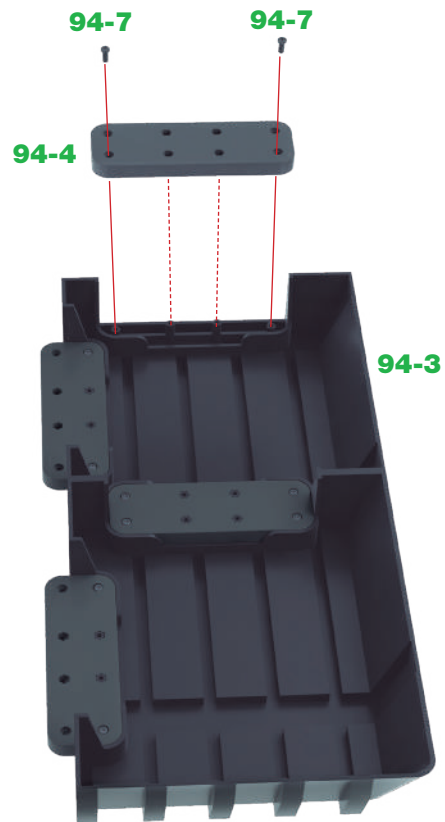


4

Take one of the Base Connectors **94-4** and fit it over the raised sockets along the same side as connector **93-4**. Fix in place with two 2.5x6mm screws **94-7**.

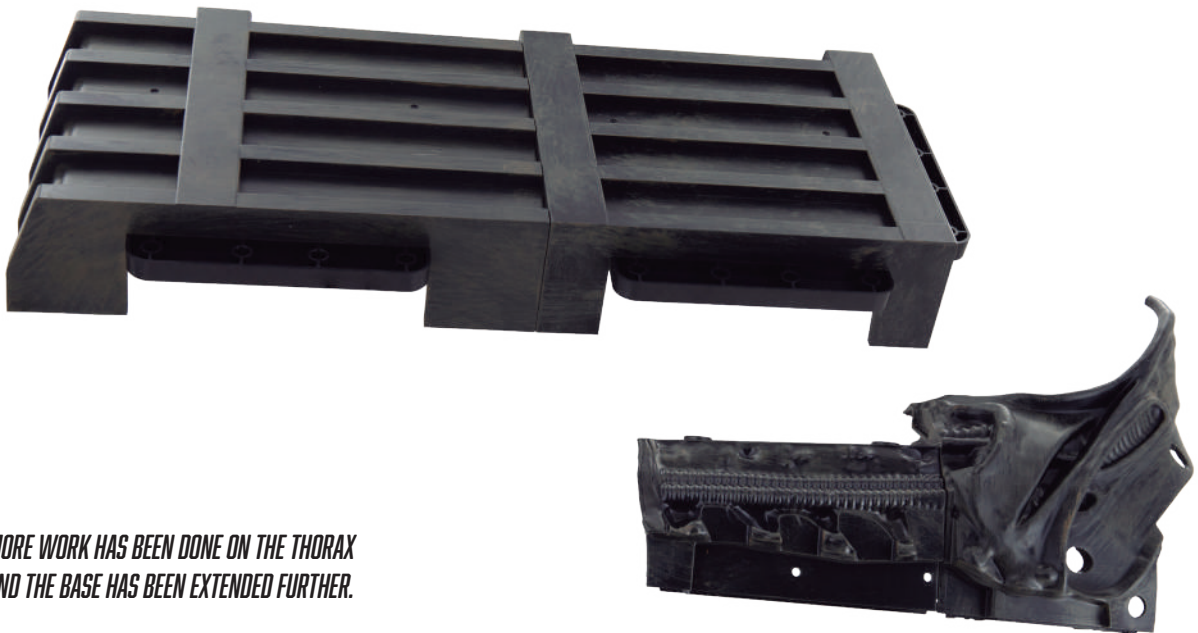
## STAGE 94: THE THORAX AND THE BASE (II)

The remaining Connector **94-4** is fitted over the raised sockets along the free side of the base, as shown on the right. Secure in place with two 2.5x6mm screws **94-7**.



5

### STAGE 94 IS COMPLETE



*MORE WORK HAS BEEN DONE ON THE THORAX  
AND THE BASE HAS BEEN EXTENDED FURTHER.*



# STAGE 95: THE THORAX AND THE BASE (III)

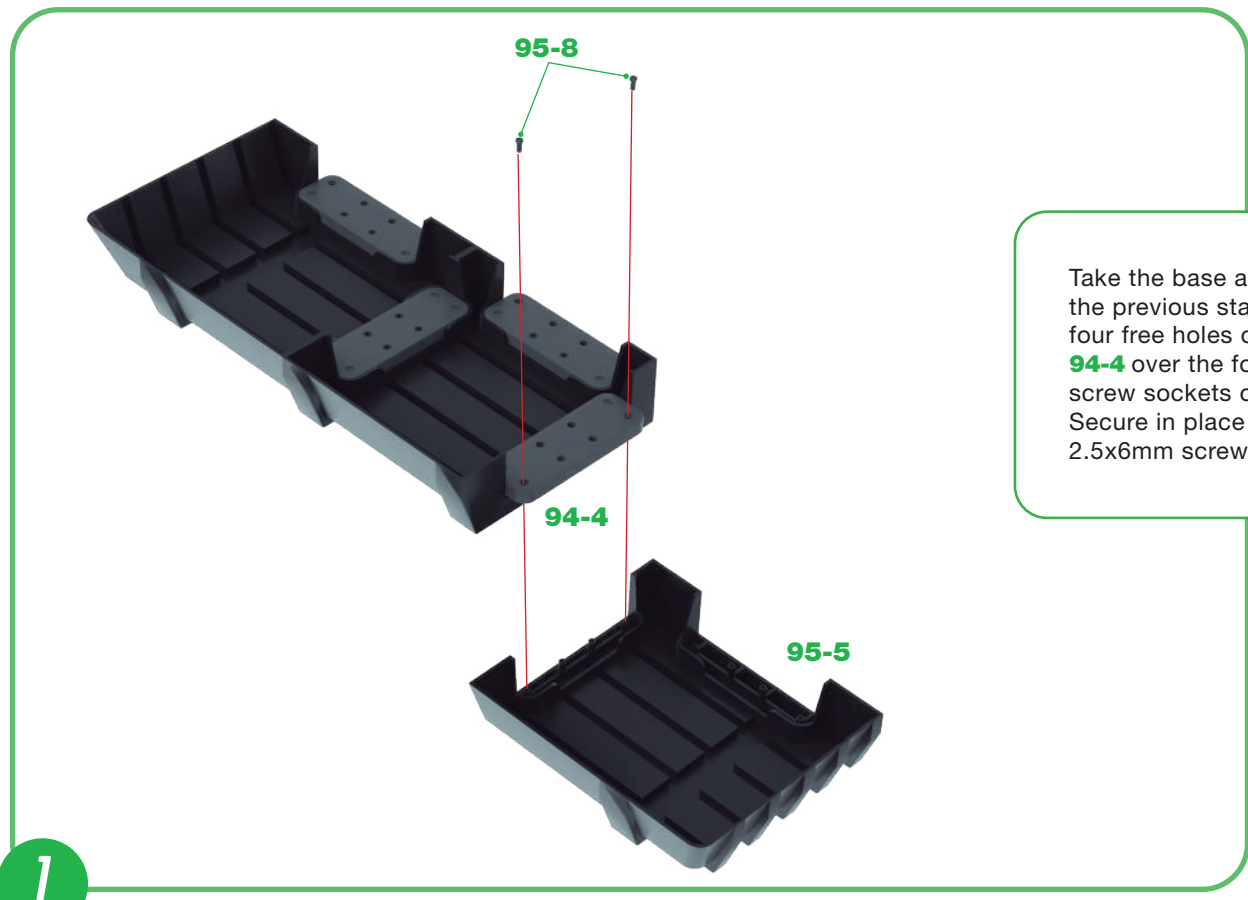
In this stage you will continue the assembly of the thorax and base.



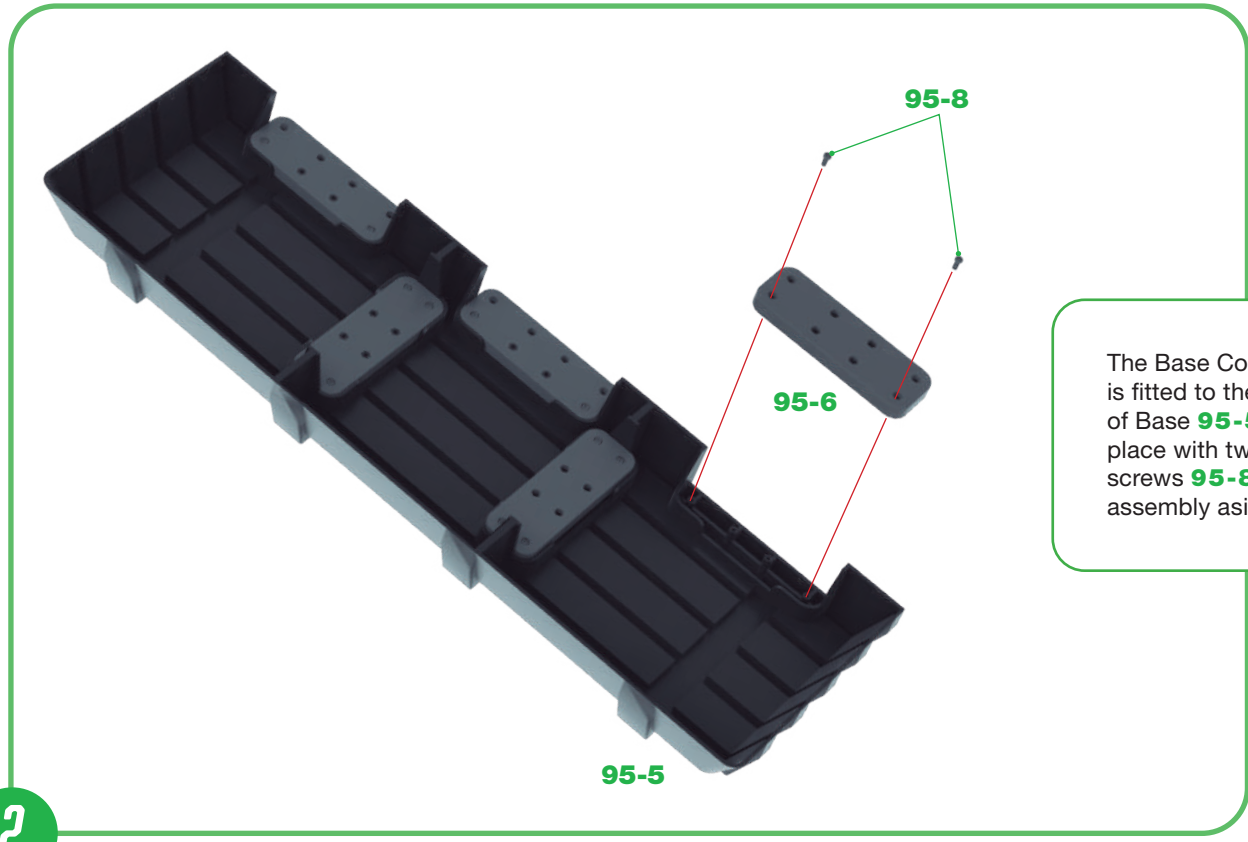
## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
95-1	Inner thorax 1	1	95-5	Base 3	1
95-2	Inner thorax 2	1	95-6	Base connector	1
95-3	Left shoulder cartilage 1	1	95-7	2.3x6mm screws (1 spare)	9
95-4	Right shoulder cartilage 1	1	95-8	2.5x6mm screws (1 spare)	5

## STAGE 95: THE THORAX AND THE BASE (III)

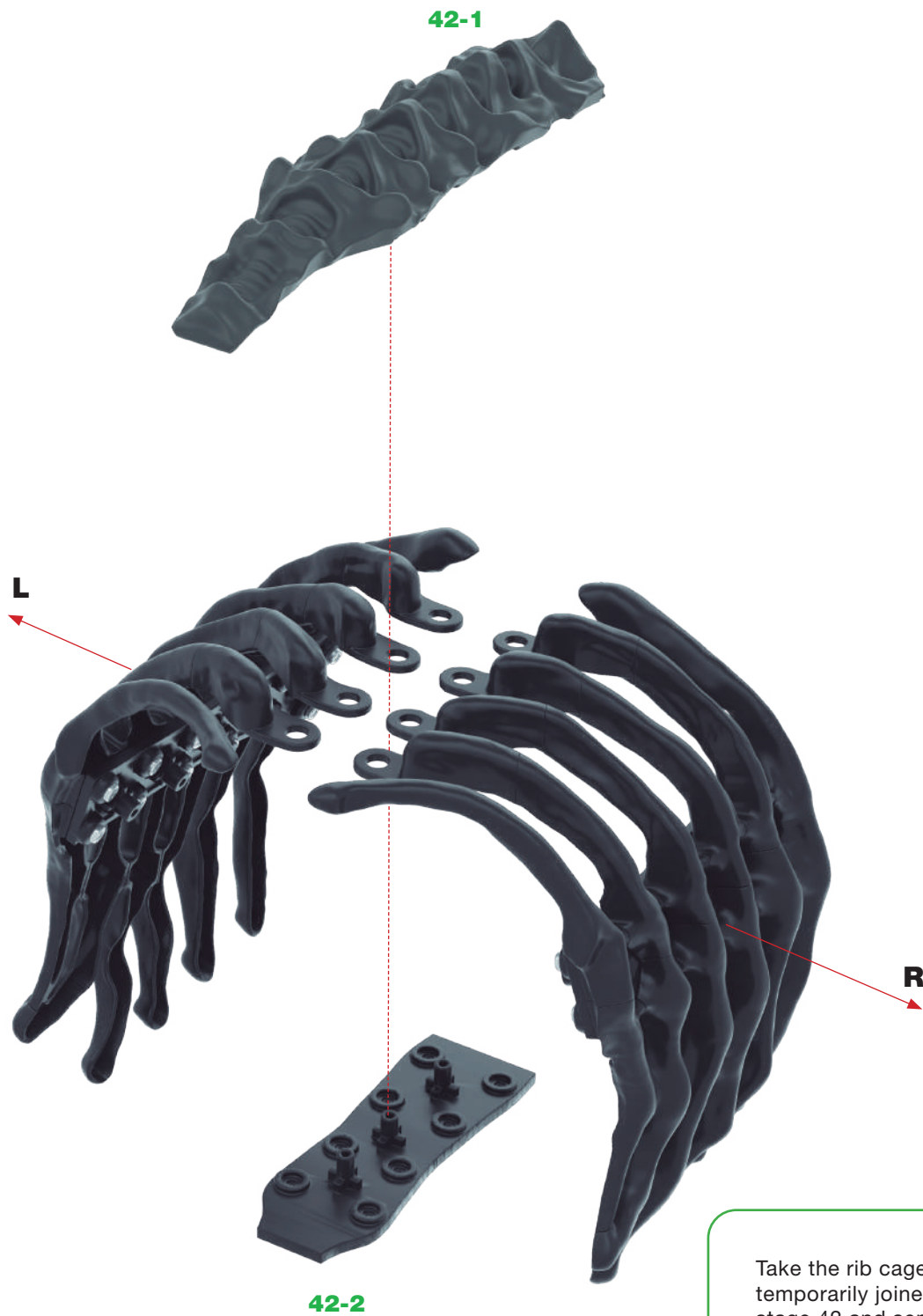


Take the base assembly from the previous stage and fit the four free holes of connector **94-4** over the four raised screw sockets on Base **95-5**. Secure in place with two 2.5x6mm screws **95-8**.



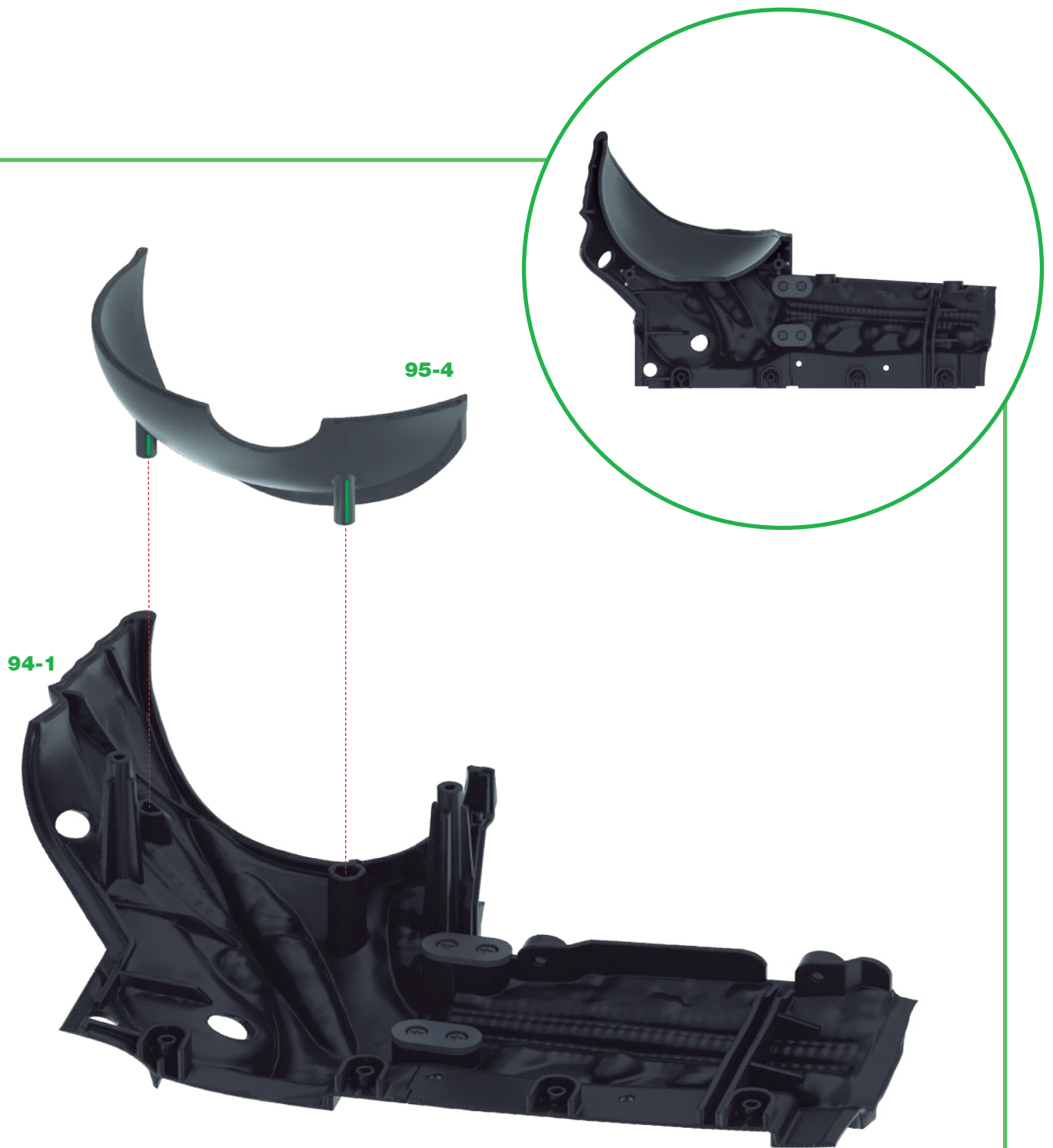
The Base Connector **95-6** is fitted to the other side of Base **95-5** and fixed in place with two 2.5x6mm screws **95-8**. Put the base assembly aside for now.

## STAGE 95: THE THORAX AND THE BASE (III)



Take the rib cage which was temporarily joined in Pack 6 - stage 42 and separate the left and right rib assemblies from the support parts **42-1** and **42-2**. Keep these parts safely aside until they are needed again in a later stage.

## STAGE 95: THE THORAX AND THE BASE (III)



94-1

95-4

4

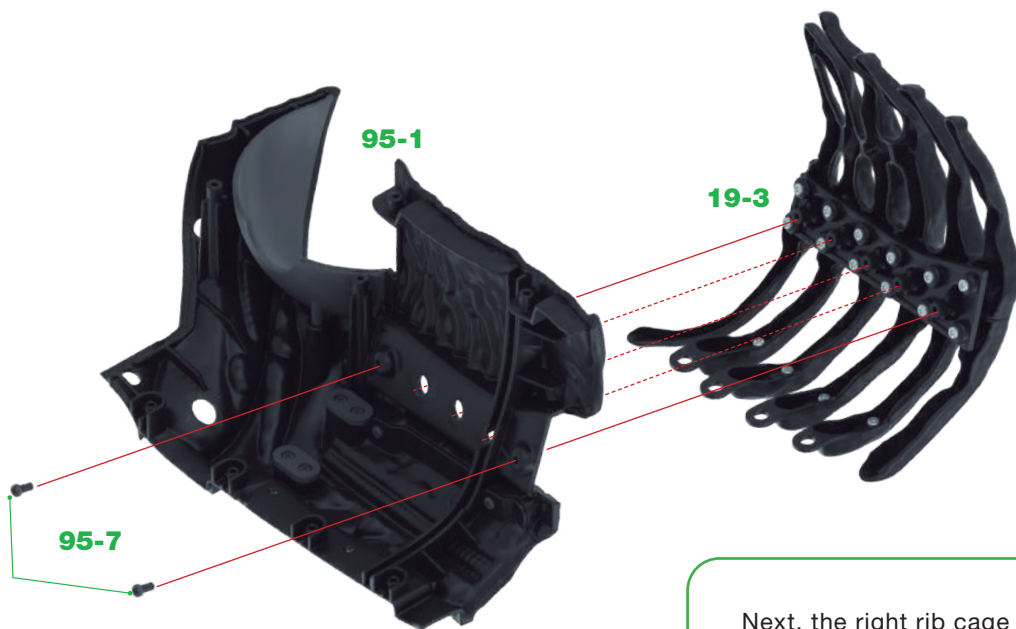
Test-fit the two pegs on the Right Shoulder Cartilage **95-4** into the raised sockets on the thorax **94-1**, as shown in the inset picture (above). When sure of a good fit, note the contact areas and glue firmly in place.

## STAGE 95: THE THORAX AND THE BASE (III)



Take the Inner Thorax **95-1** and fit the two raised screw sockets into the corresponding holes in the thorax **94-2**, as shown. Fix the parts together using two 2.3x6mm screws **95-7**.

5



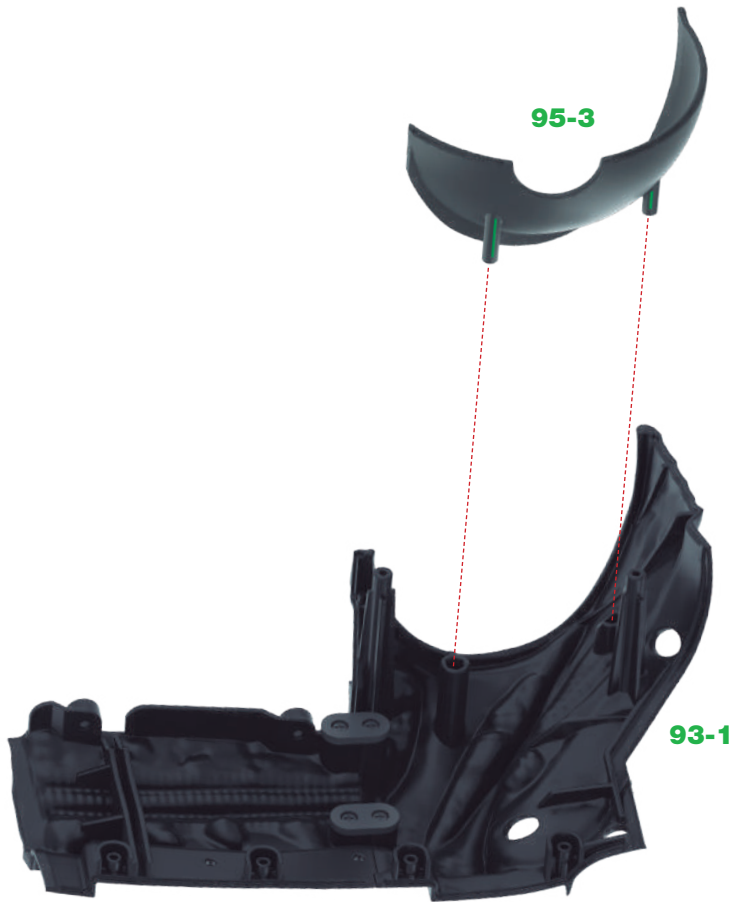
Next, the right rib cage is fitted. There are five raised screw sockets on the rib support **19-3** which fit into matching holes on the Inner Thorax **95-1**, as shown by the red lines. Secure the assembly together using two 2.3x6mm screws **95-7** inserted through Inner Thorax **95-1** at either end of the support **19-3**.

6



## STAGE 95: THE THORAX AND THE BASE (III)

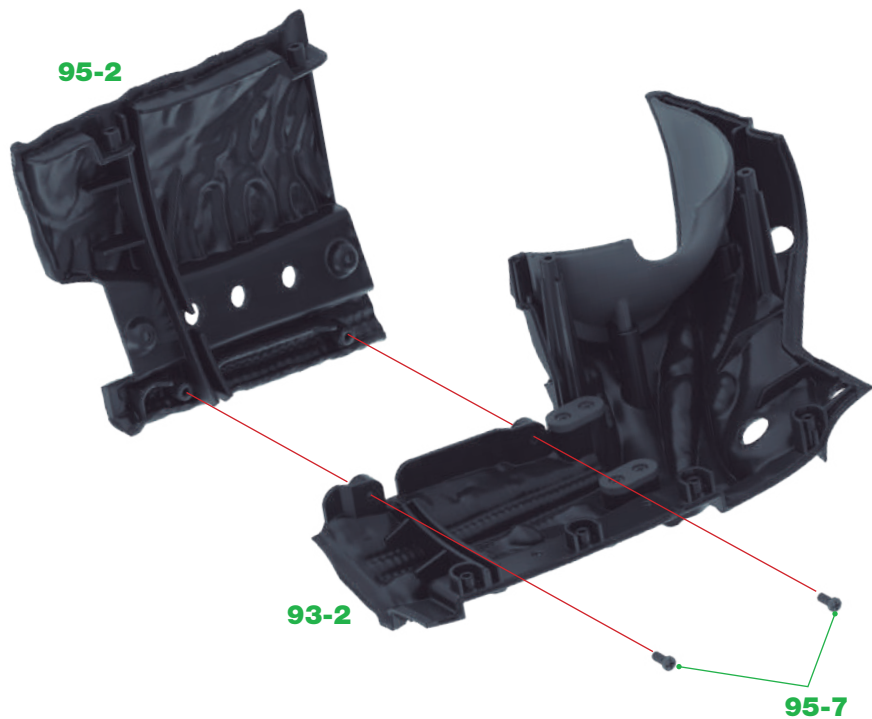
7



In a similar way to step 4, insert the Left Shoulder Cartilage **95-3** into the raised sockets on the thorax part **93-1** (see inset, below). After test-fitting glue firmly in place.

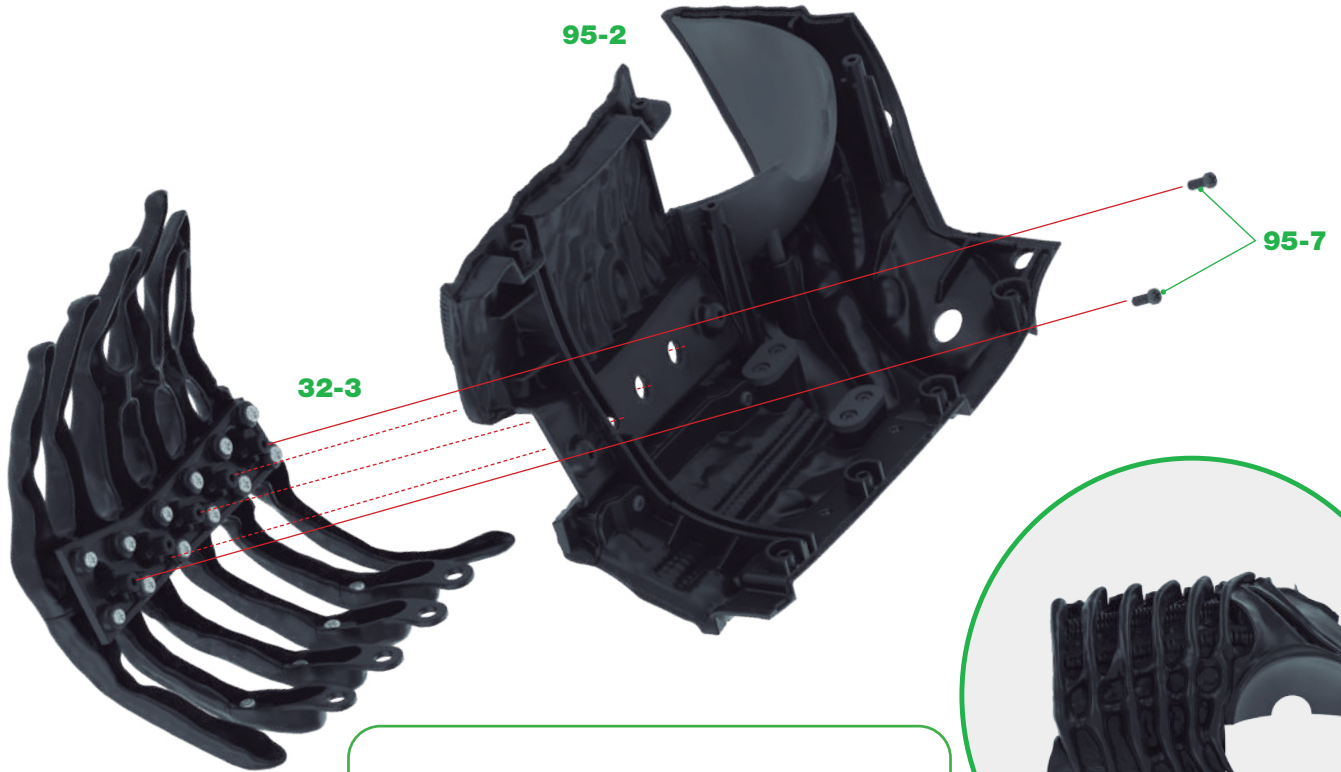


8



Fit the two raised screw sockets on the Inner Thorax **95-2** into the corresponding holes in the thorax **93-2**, as shown. Fix in place with two 2.3x6mm screws **95-7**.

## STAGE 95: THE THORAX AND THE BASE (III)



Fit the five raised screw sockets on the rib support **32-3** into matching holes on the Inner Thorax **95-2**, as shown by the red lines. The assembly is fixed together using two 2.3x6mm screws **95-7** inserted through Inner Thorax **95-2** at either end of the support **32-3**.

9

## STAGE 95 IS COMPLETE



*FURTHER WORK HAS BEEN DONE ON THE BASE AND THE RIB CAGE ADDED TO THE THORAX.*



# STAGE 96: THE THORAX

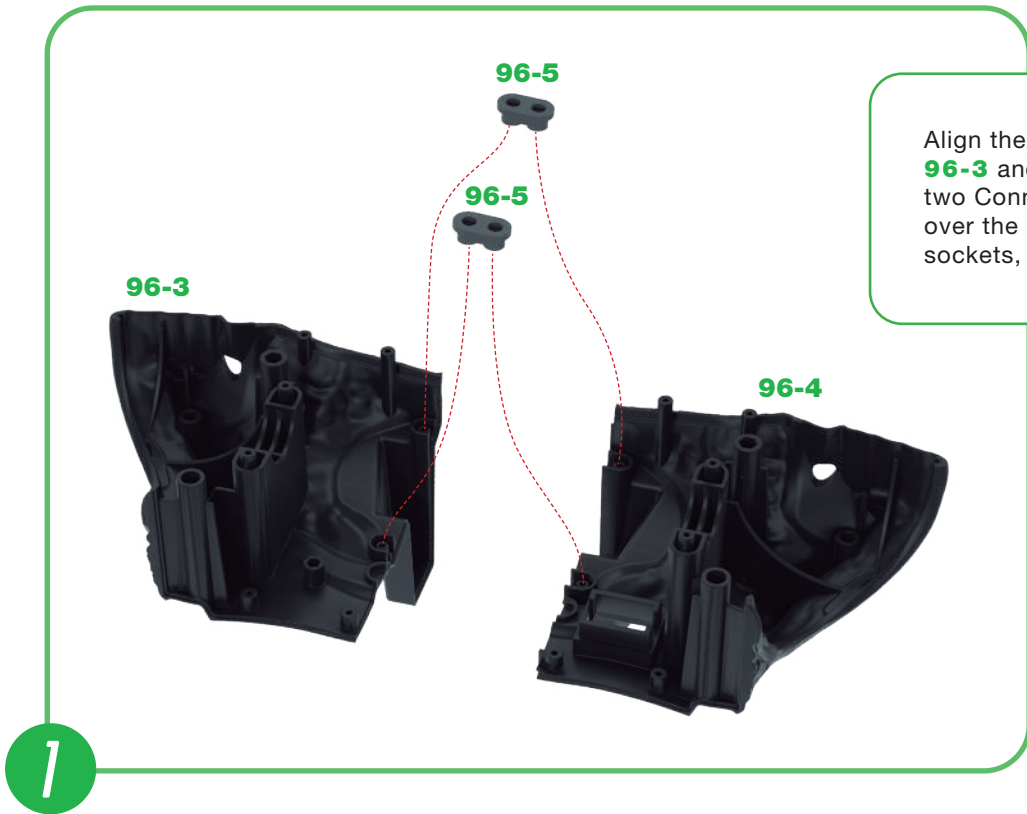
In this stage you will continue to work on the Xenomorph's thorax.



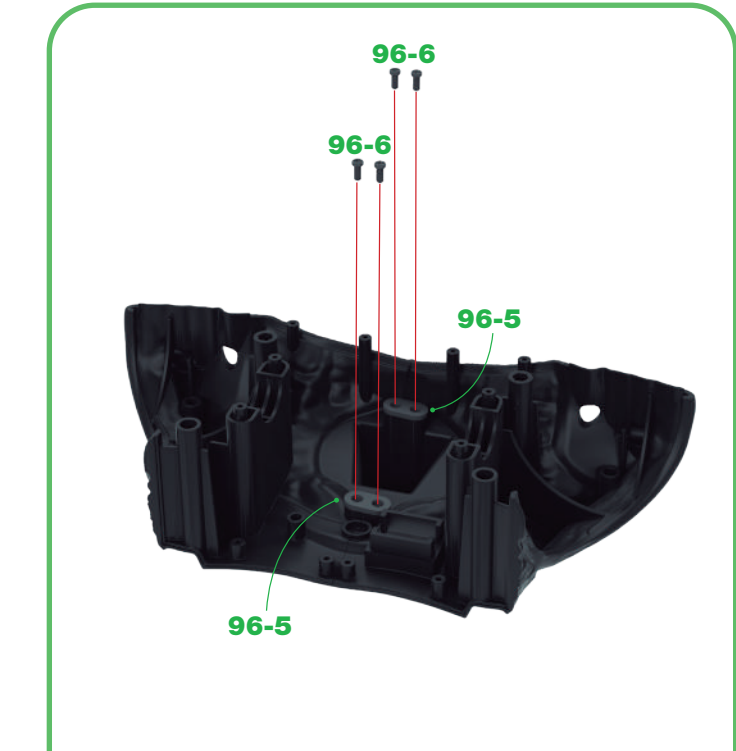
## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
96-1	Thorax armature 1	1	96-5	Connector	6
96-2	Thorax armature 2	1	96-6	2.3x6mm (1 spare)	13
96-3	Back of shoulder 1	1	96-7	2.3x8mm (1 spare)	5
96-4	Back of shoulder 2	1			

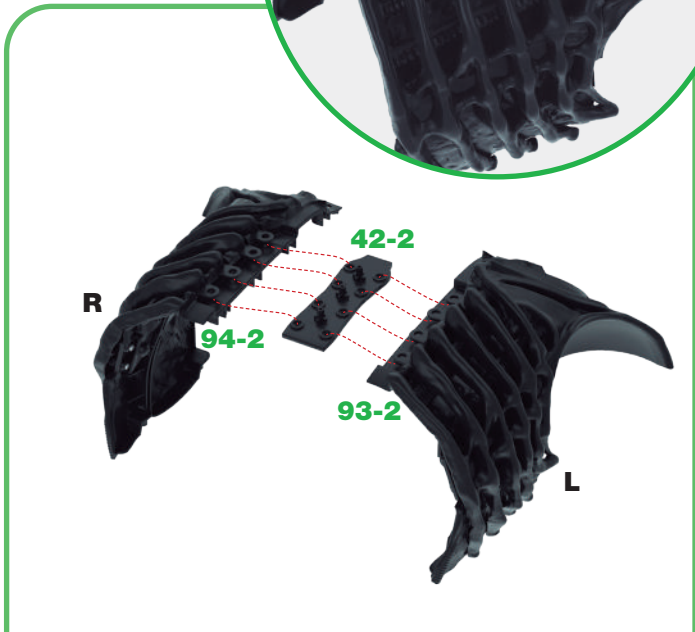
## STAGE 96: THE THORAX



Align the Shoulder parts **96-3** and **96-4** and fit two Connectors **96-5** over the raised screw sockets, as shown.

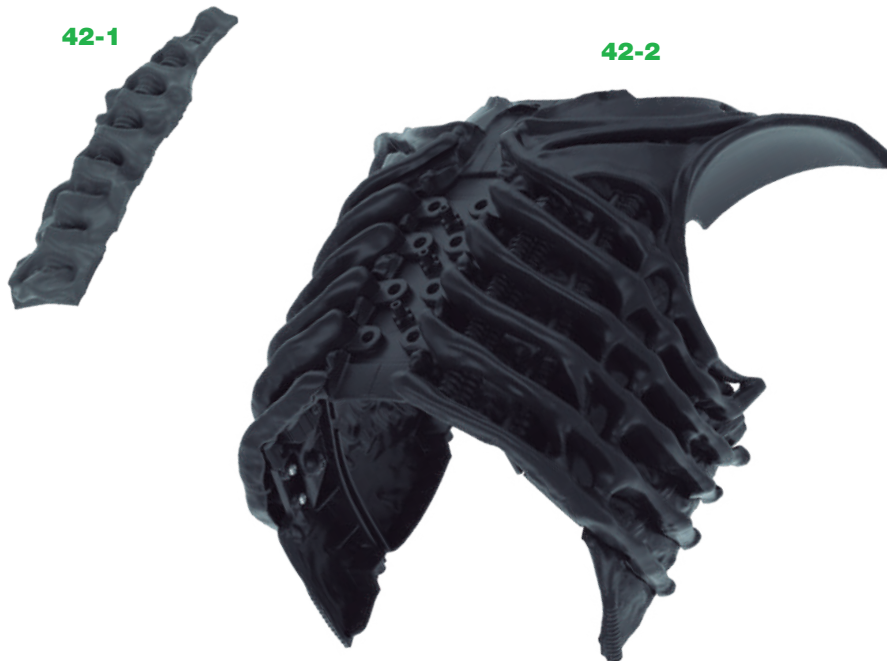


Fix each Connector **96-5** in place with two 2.3x6mm screws **96-6**.



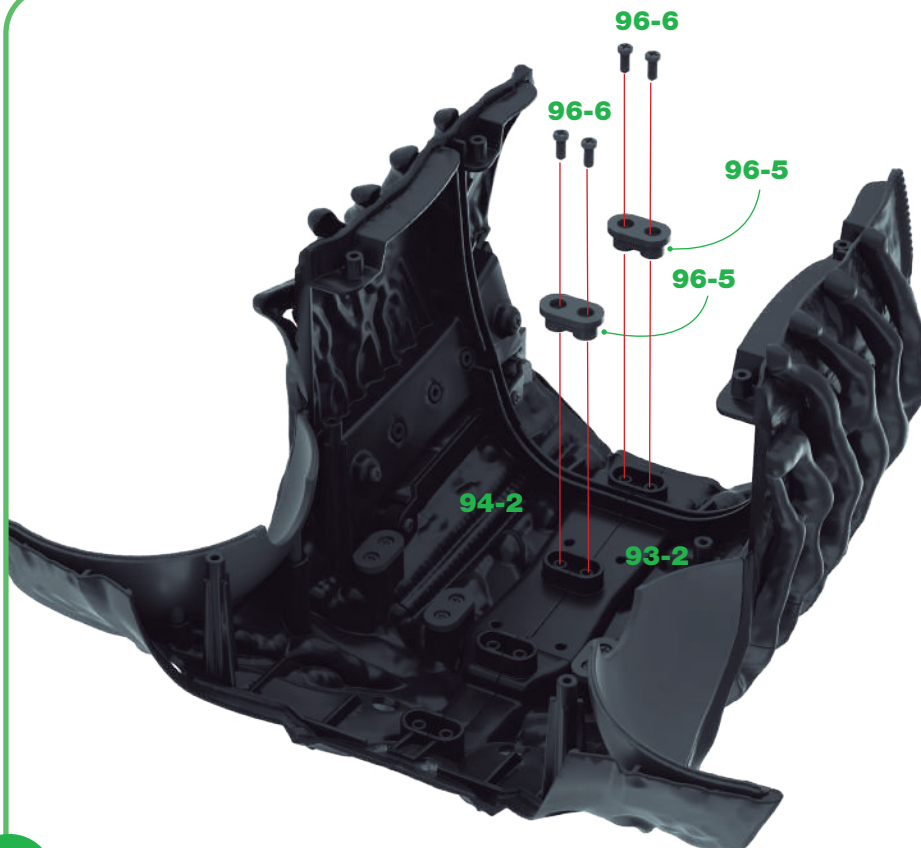
After studying the diagrams, take the support parts **42-1** and **42-2** from the previous stage and fit the rib support **42-2** under the right and left rib assemblies, as indicated by the red lines. Check that the holes in the parts align correctly.

## STAGE 96: THE THORAX



While holding the assembly together, fit the rib support **42-1** over rib support **42-2**. There are three raised sockets on the parts which engage together.

4

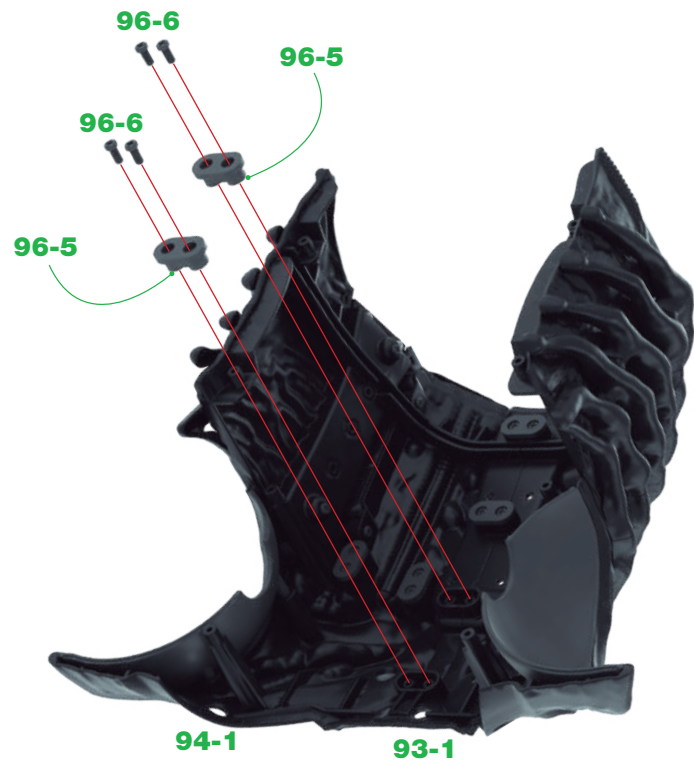


Carefully turn the assembly over and fit two Connectors **96-5** over the pairs of raised screw sockets, shown by the red lines. Use four 2.3x6mm screws **96-6** to hold the connectors in place.

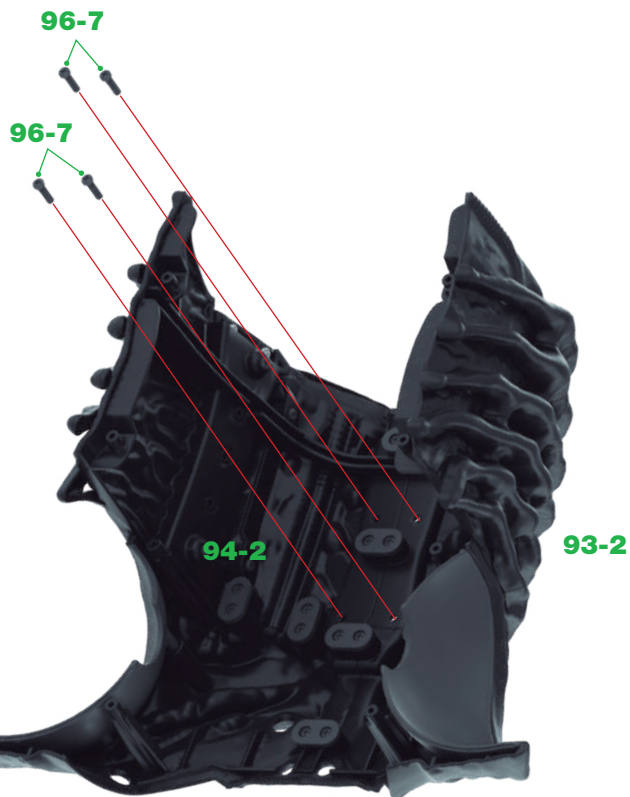
5

## STAGE 96: THE THORAX

In a similar way, fit the remaining Connectors **96-5** over the remaining two pairs of raised screw sockets and secure in place with four 2.3x6mm screws **96-6**.



6



To secure the parts together, four 2.3x8mm screws **96-7** are inserted into the four holes in the thorax **93-2** and **94-2**, as shown by the red lines. Make sure the parts are fully held together while doing this and take care not to over-tighten the screws.

7



## STAGE 96: THE THORAX



Take Thorax Armature **96-2** and note how one side is smooth and the other cross-hatched. After making sure that the Thorax Armature **96-2** is correctly orientated, test-fit in place by sliding it into the channel created between the thorax parts **93-2** and **94-2**. When sure of a good fit, glue in place.

### STAGE 96 IS COMPLETE

*SECTIONS OF THE THORAX HAVE BEEN JOINED TOGETHER.*



# STAGE 97: THE THORAX AND THE LIMBS

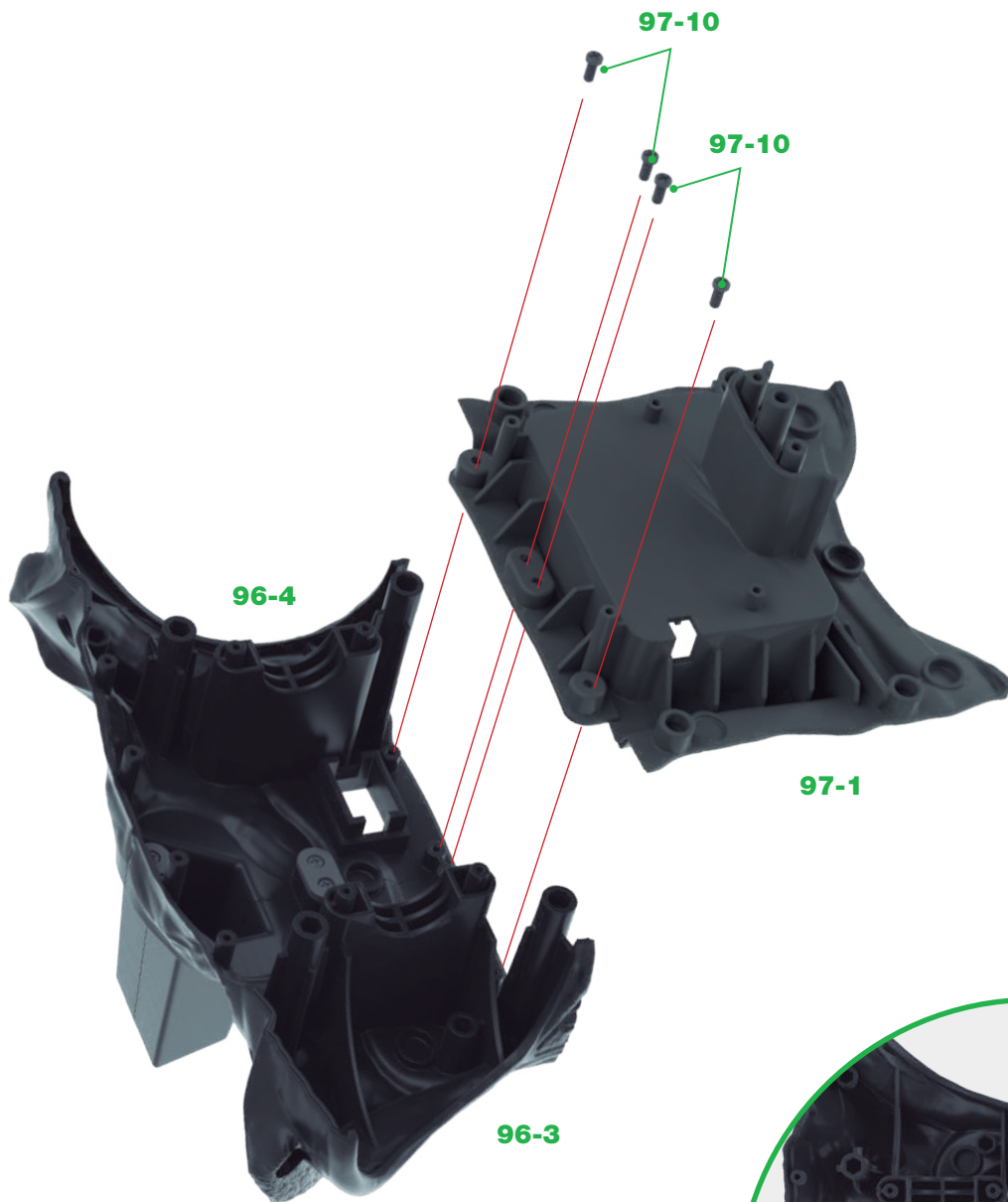
In this stage, you will continue to work on the thorax, to which you will also attach the limbs.



## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
97-1	Back (Battery compartment 3)	1	97-7	Sleeve	2
97-2	Neck 5	1	97-8	Magnets 1 (1mm thick)	2
97-3	Neck 6	1	97-9	Magnets 2 (3mm thick)	6
97-4	Cartilage (right shoulder)	1	97-10	2.3x6mm	9
97-5	Cartilage (left shoulder)	1	97-11	2.6x16mm	3
97-6	Bracket	2			

## STAGE 97: THE THORAX AND THE LIMBS

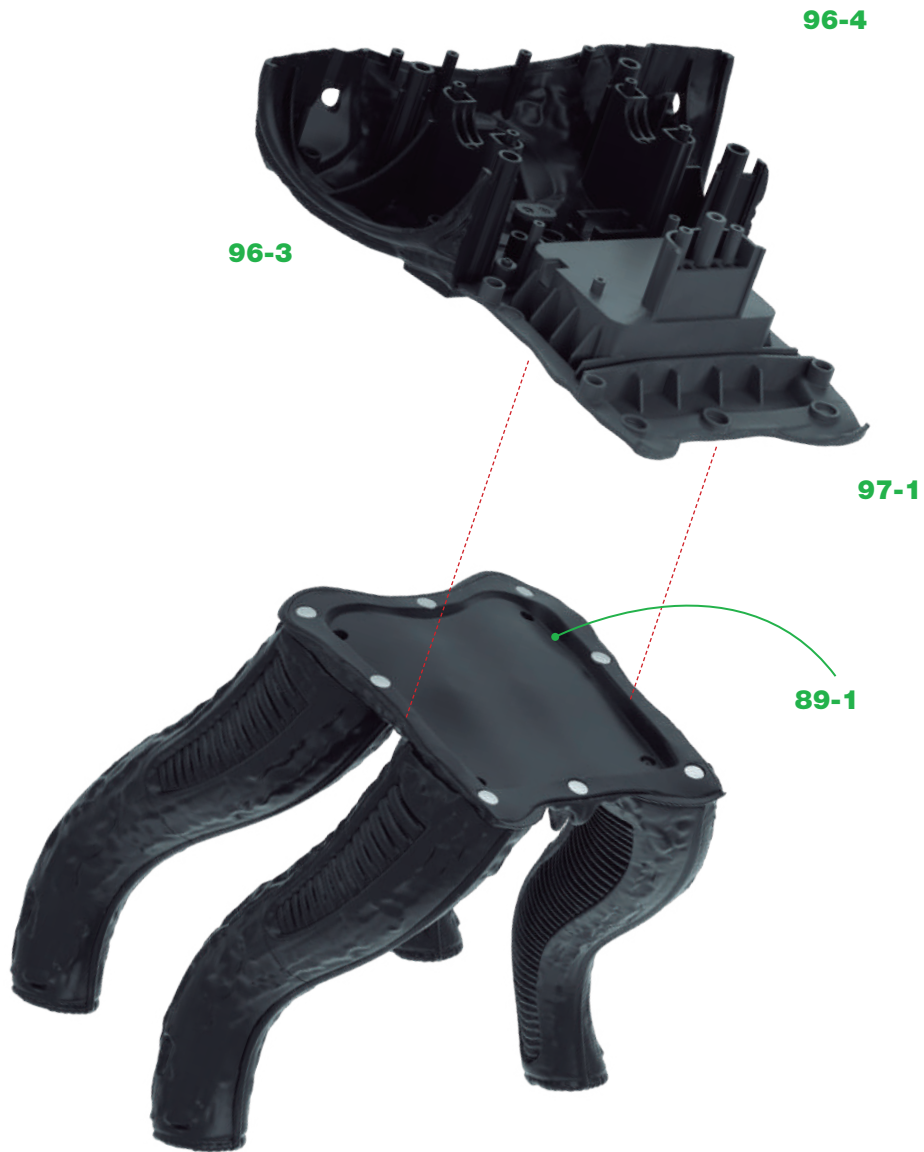


7

Take the shoulder assembly **96-3/96-4** from the previous stage. Refer to the inset detail and fit the three recesses on the side of the Back (Battery Compartment) **97-1** over the raised screw sockets on the edge of assembly **96-3/96-4**. Secure the parts together using four 2.3x6mm screws **97-10**.

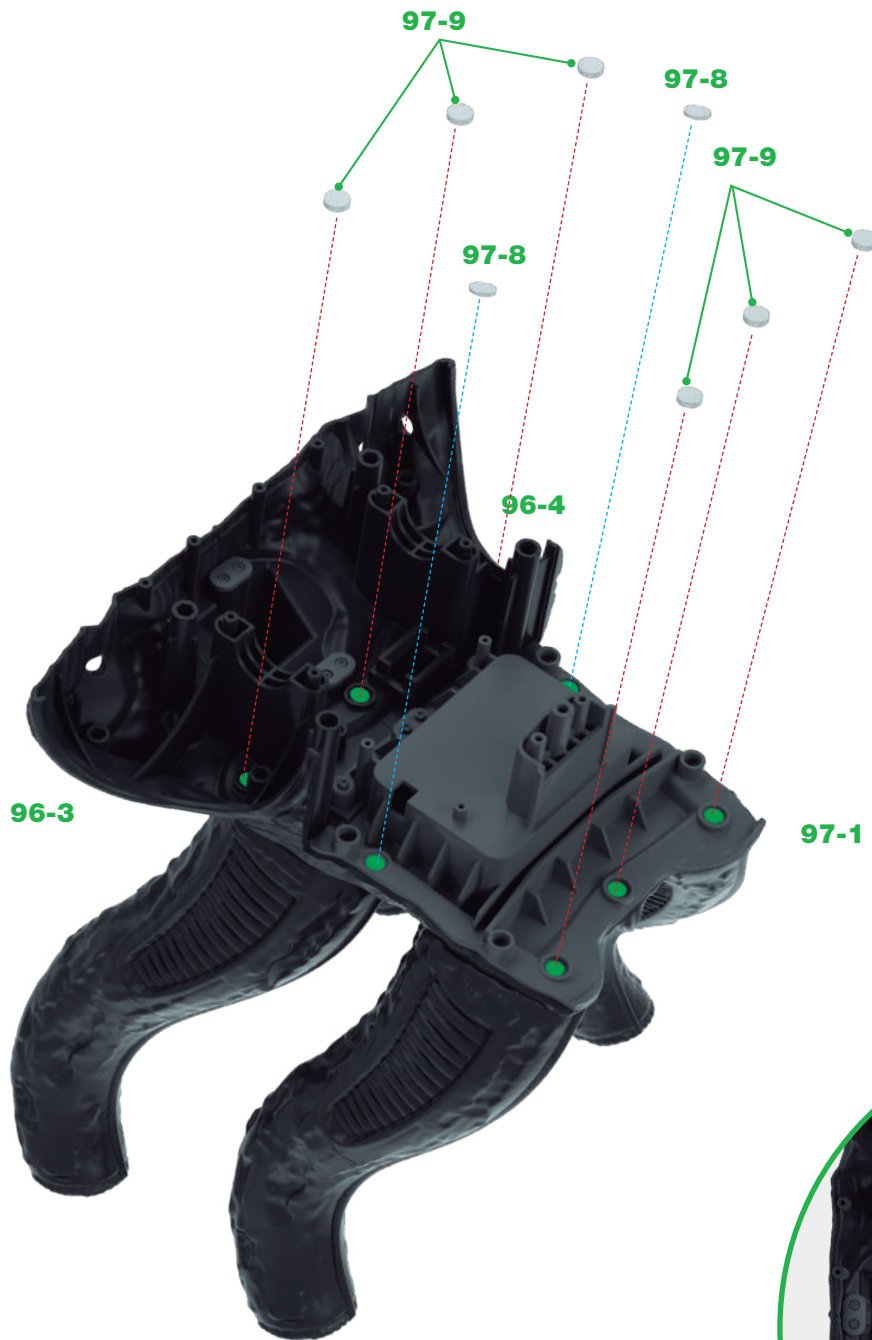


## STAGE 97: THE THORAX AND THE LIMBS

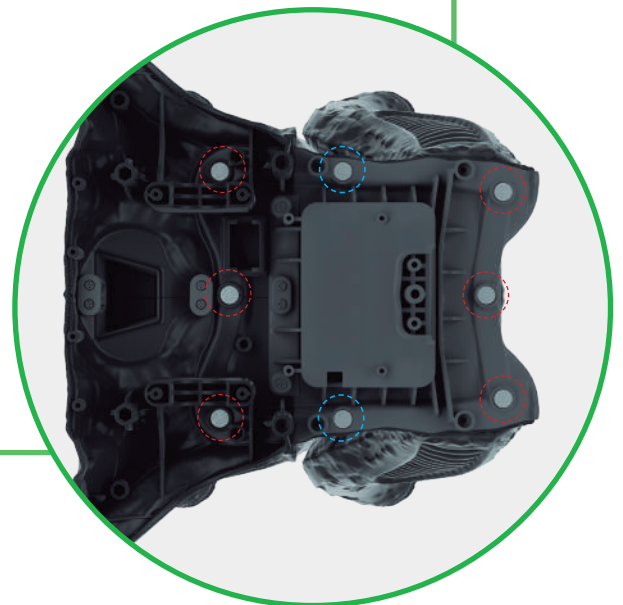


Take the dorsal appendage assembly from Pack 12 - stage 89 and place the assembly from the previous step on top of it so that the that two parts align, as shown.

## STAGE 97: THE THORAX AND THE LIMBS



Magnets are now fixed to the assembly. Two thinner magnets **97-8** (blue lines and circles) are fitted into circular recesses on the side of Back **97-1** and three of the thicker magnets **97-9** are fitted into recesses on the bottom edge (red lines and circles). Three thicker magnets **97-9** are fitted into the recesses at the top in the shoulder assembly **96-3/96-4**, as shown in the inset diagram. Once certain the magnets are attracted to those below, glue firmly in place.



3

## STAGE 97: THE THORAX AND THE LIMBS

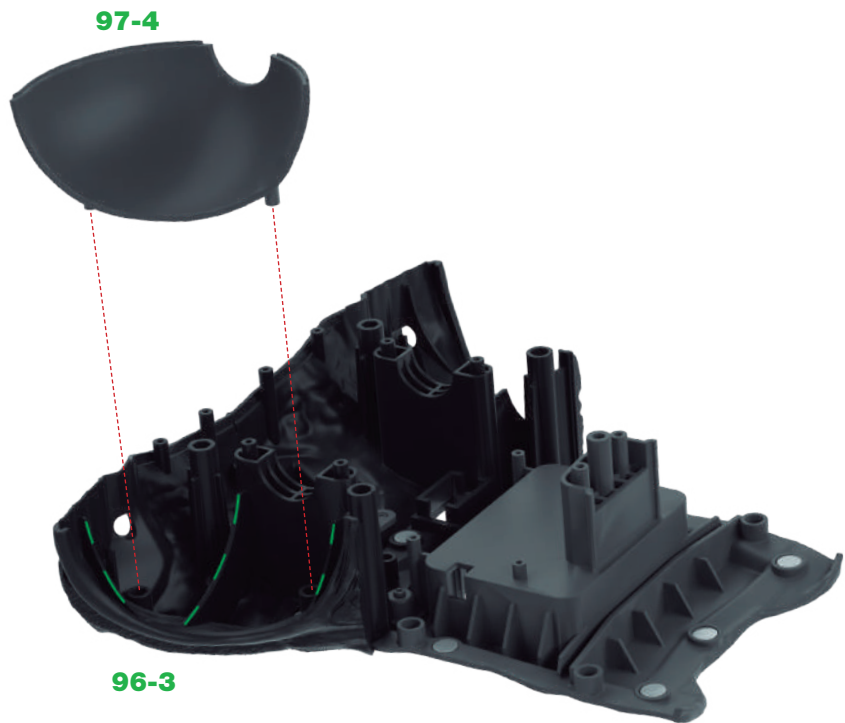


Separate the two assemblies and keep the dorsal assembly from Pack 12 - stage 89 to one side until it is needed in a later stage.

## STAGE 97: THE THORAX AND THE LIMBS

Fit the two pegs of the Cartilage (Right Shoulder) **97-4** into the matching raised sockets on the back of shoulder **96-3**. After test-fitting, glue in place.

5



In a similar way, fit the two pegs on the Cartilage (Left Shoulder) **97-5** into the raised sockets on the back of the shoulder **96-4**. When certain of a good fit, glue in place.

6



## STAGE 97: THE THORAX AND THE LIMBS

### RIGHT ARM



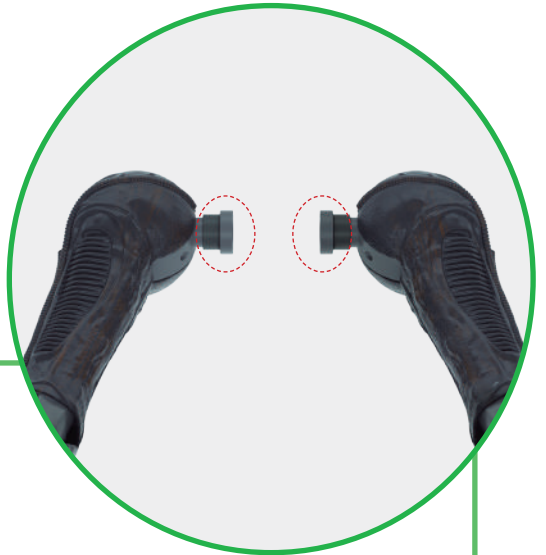
Take the right arm assembly from Pack 7 - stage 51 and fit one of the Sleeves **97-7** around the narrow part of the humerus joint **51-2**, as shown on left.

7



Now take the left arm assembly from Pack 9 - stage 61 and fit the other Sleeve **97-7** over the narrow part of the humerus joint **60-1**. The inset shows both arm assemblies completed.

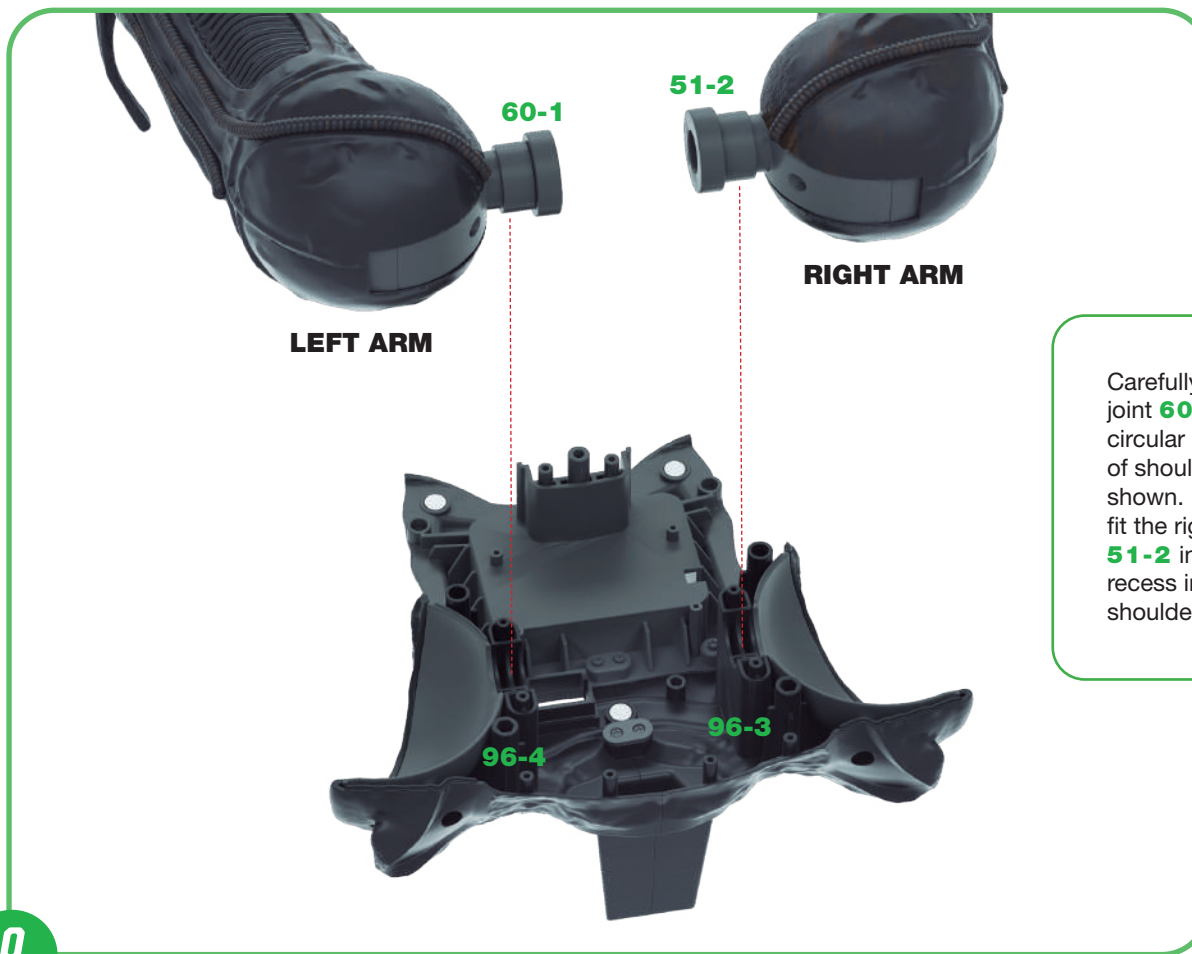
### LEFT ARM



8

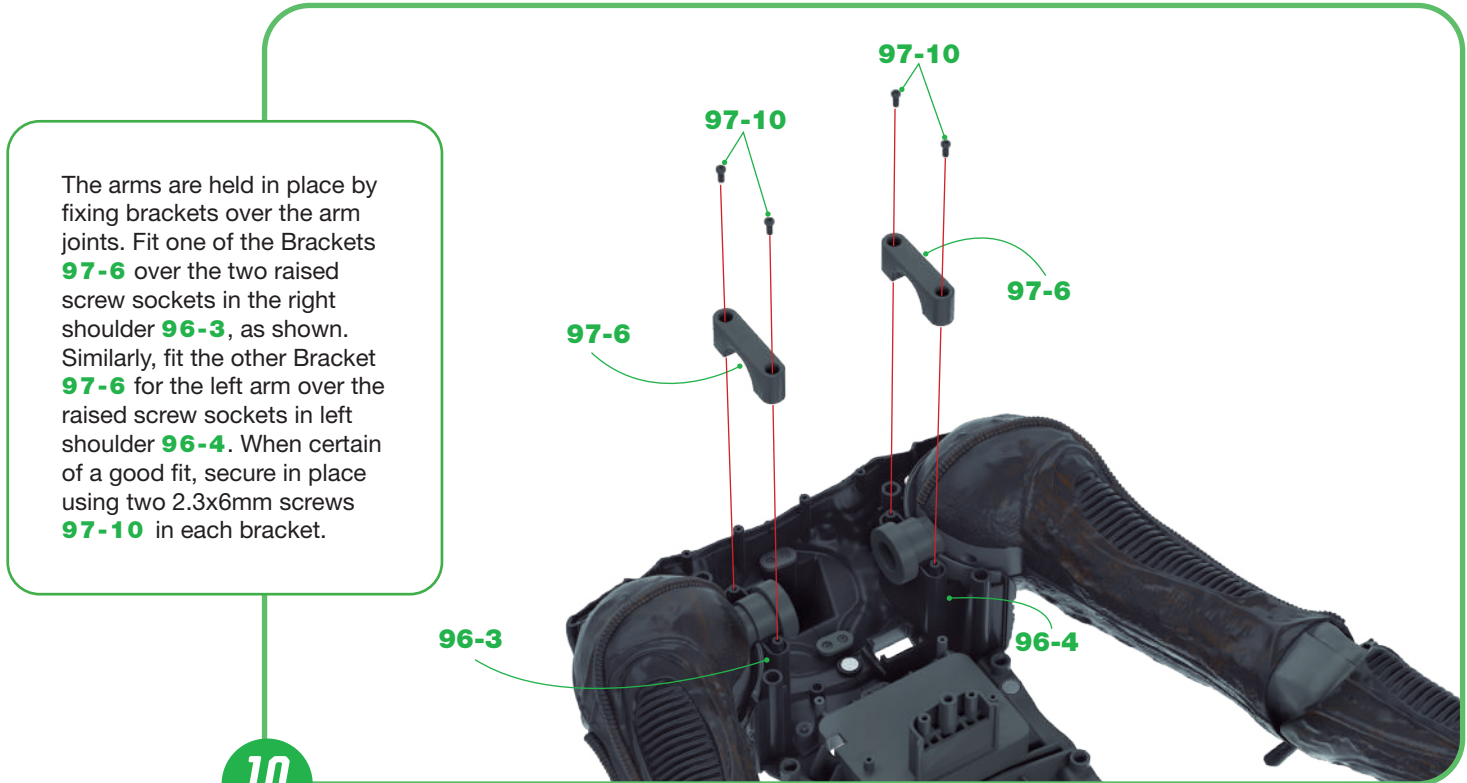


## STAGE 97: THE THORAX AND THE LIMBS



Carefully fit the left humerus joint **60-1** into the semi-circular recess in the back of shoulder **96-4**, as shown. In a similar way, fit the right humerus joint **51-2** into the semi-circular recess in the back of shoulder **96-3**.

9



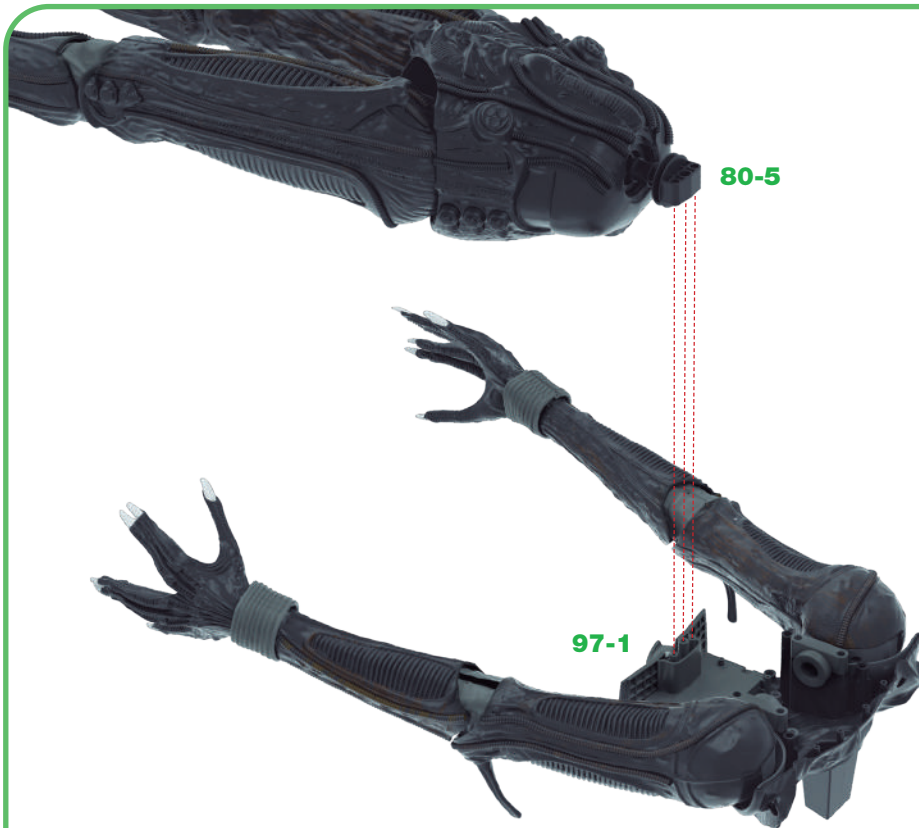
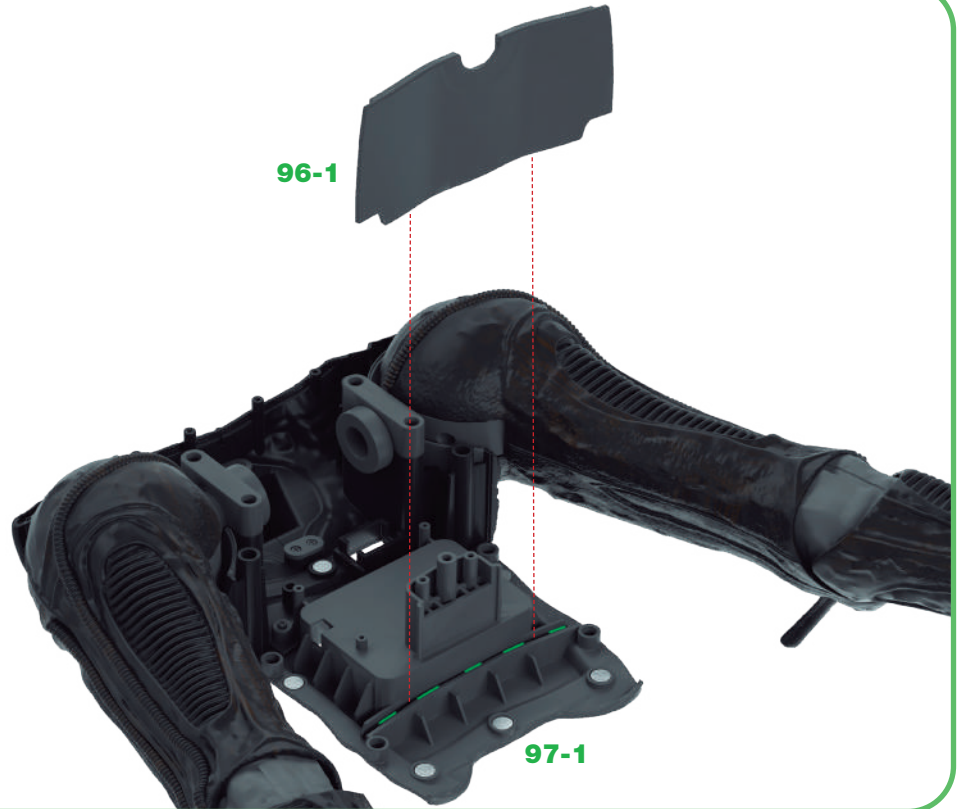
The arms are held in place by fixing brackets over the arm joints. Fit one of the Brackets **97-6** over the two raised screw sockets in the right shoulder **96-3**, as shown. Similarly, fit the other Bracket **97-6** for the left arm over the raised screw sockets in left shoulder **96-4**. When certain of a good fit, secure in place using two 2.3x6mm screws **97-10** in each bracket.

10

## STAGE 97: THE THORAX AND THE LIMBS

Take the thorax armature plate **96-1** from the previous stage. After carefully studying how the part is orientated so that the smooth side is facing outwards, test-fit the part onto the assembly by sliding it into the channel across the bottom of Back **97-1**. When certain of a good fit, glue in place.

11



### EXPERT ADVICE

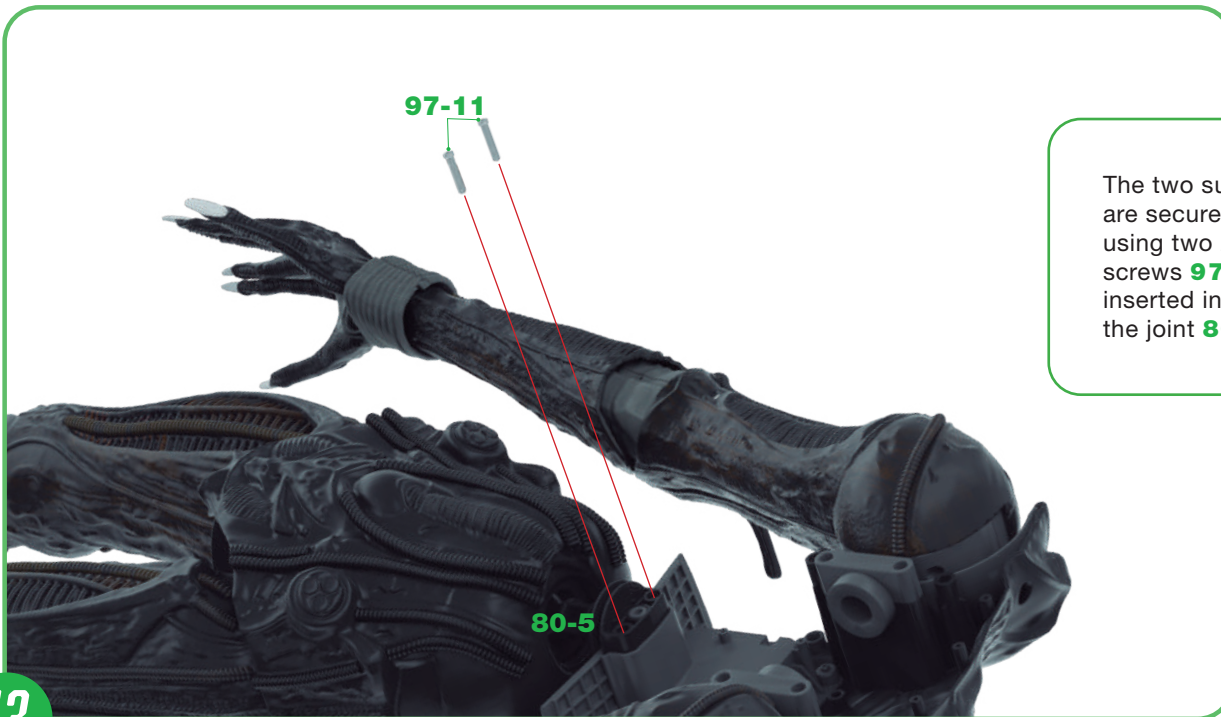
Before proceeding to the next steps, make sure the model is properly supported and if necessary, have help to manoeuvre the assemblies.

After laying the assembly from the previous step on a suitable surface, take the leg assembly from Pack 11 - stage 81. While taking care to fully support the assemblies, fit the abdomen ball joint **80-5** onto the three raised screw sockets at the centre of the lower edge of the Back **97-1**, as shown.

12



## STAGE 97: THE THORAX AND THE LIMBS



The two sub-assemblies are secured together using two 2.6x16mm screws **97-11**. These are inserted into the holes in the joint **80-5**.

13

### STAGE 97 IS COMPLETE

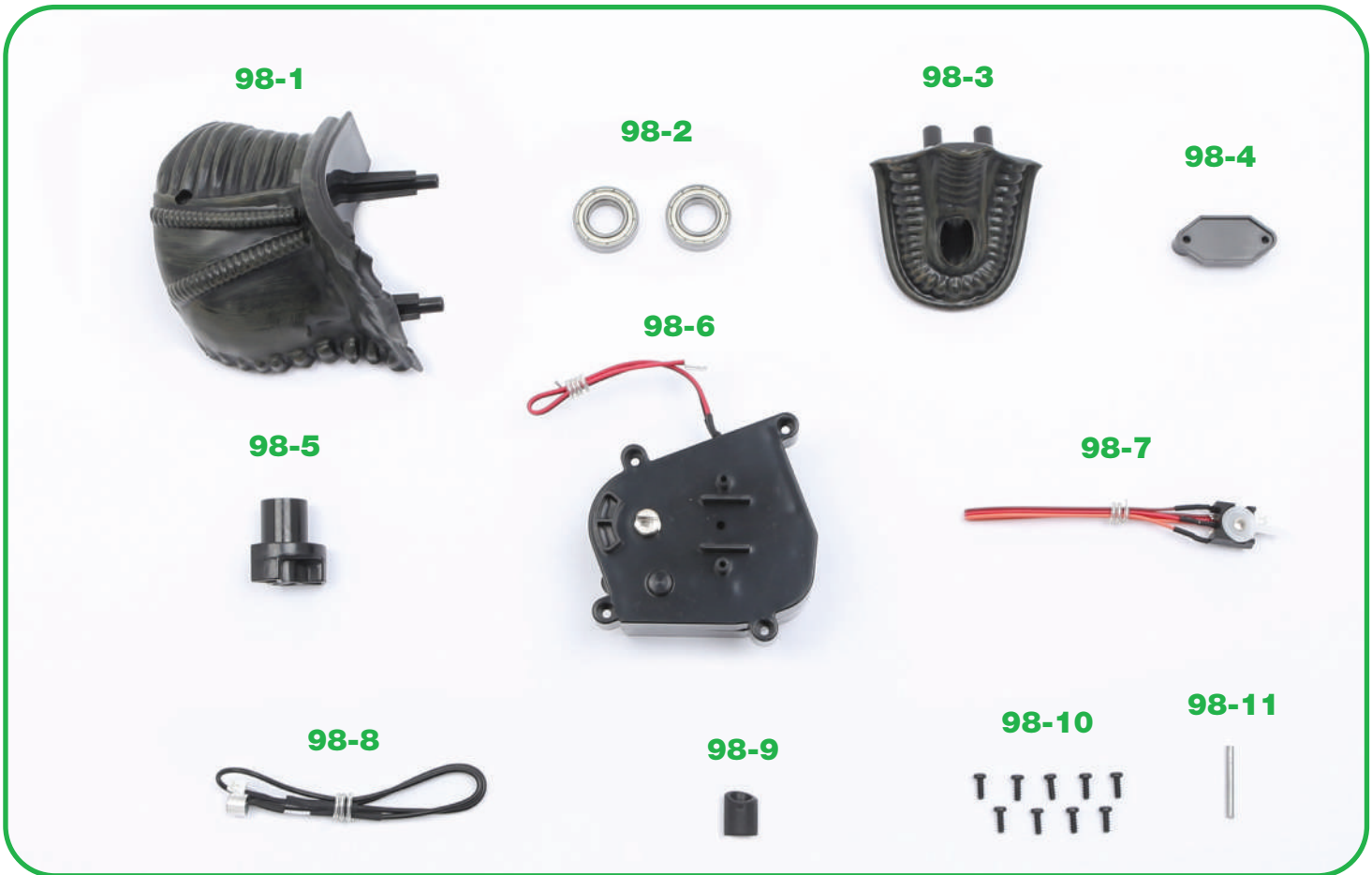


*AS WELL AS WORK CONTINUING ON THE SHOULDERS, THE ARMS AND LEGS HAVE BEEN ATTACHED TO THE THORAX.*

! Keep the remaining parts safely aside until they are needed in the next stage.

# STAGE 98: THE NECK (II)

In this stage you will finish work on the Xenomorph's neck.



## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
98-1	Neck 7	1	98-7	Limit switch	1
98-2	Bearings	2	98-8	Microphone	1
98-3	Neck 8	1	98-9	Microphone tube	1
98-4	Switch cover	1	98-10	2.3x6mm screws (1 spare)	9
98-5	Connector	1	98-11	Pin	1
98-6	Motor assembly	1			

## STAGE 98: THE NECK (II)



11-4

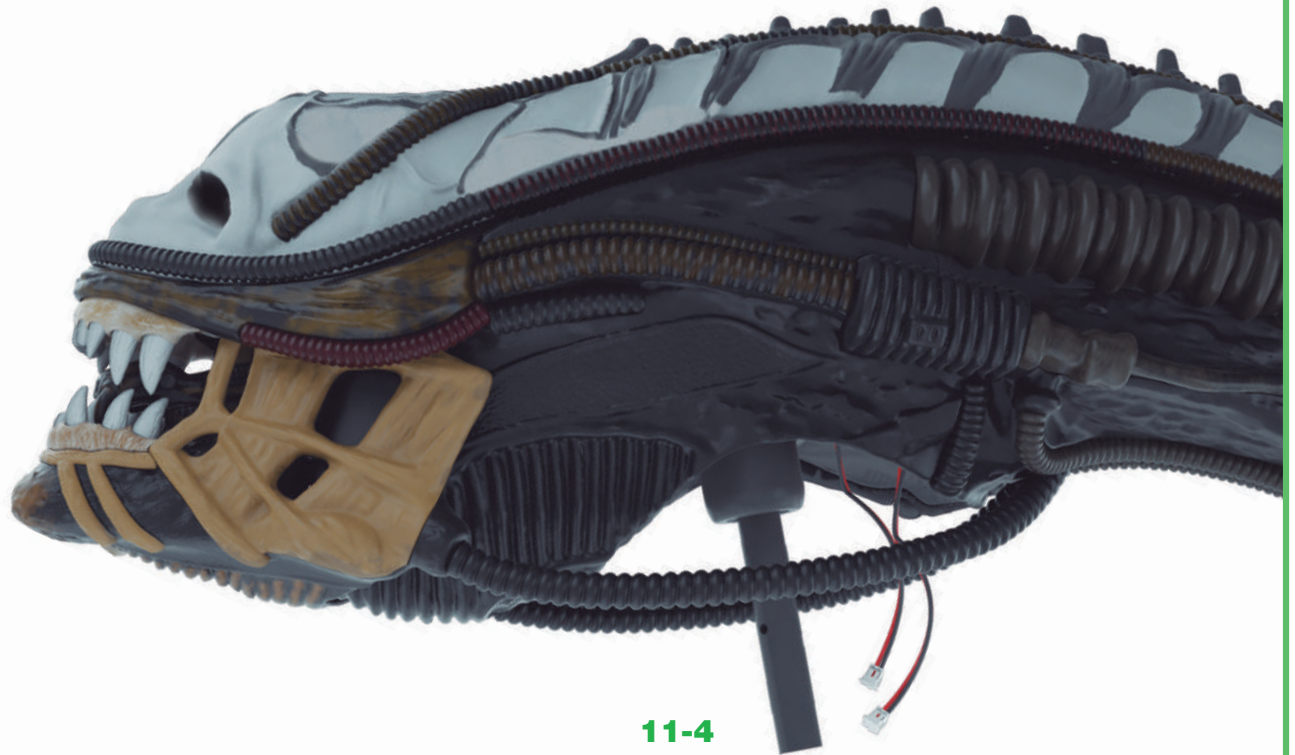
11-5



7

Take the skull assembly which was last worked upon in Pack 7 - stage 46, and remove the pin **11-5** from the rod **11-4**. Carefully turn the head on its side and check the position of the notch at the end of rod **11-4**. It is important that it is facing towards the front, as shown in the inset photograph. If necessary, use a pair of pliers to grip the rod and rotate it very gently into the correct position.

## STAGE 98: THE NECK (II)



11-4

97-3

98-2

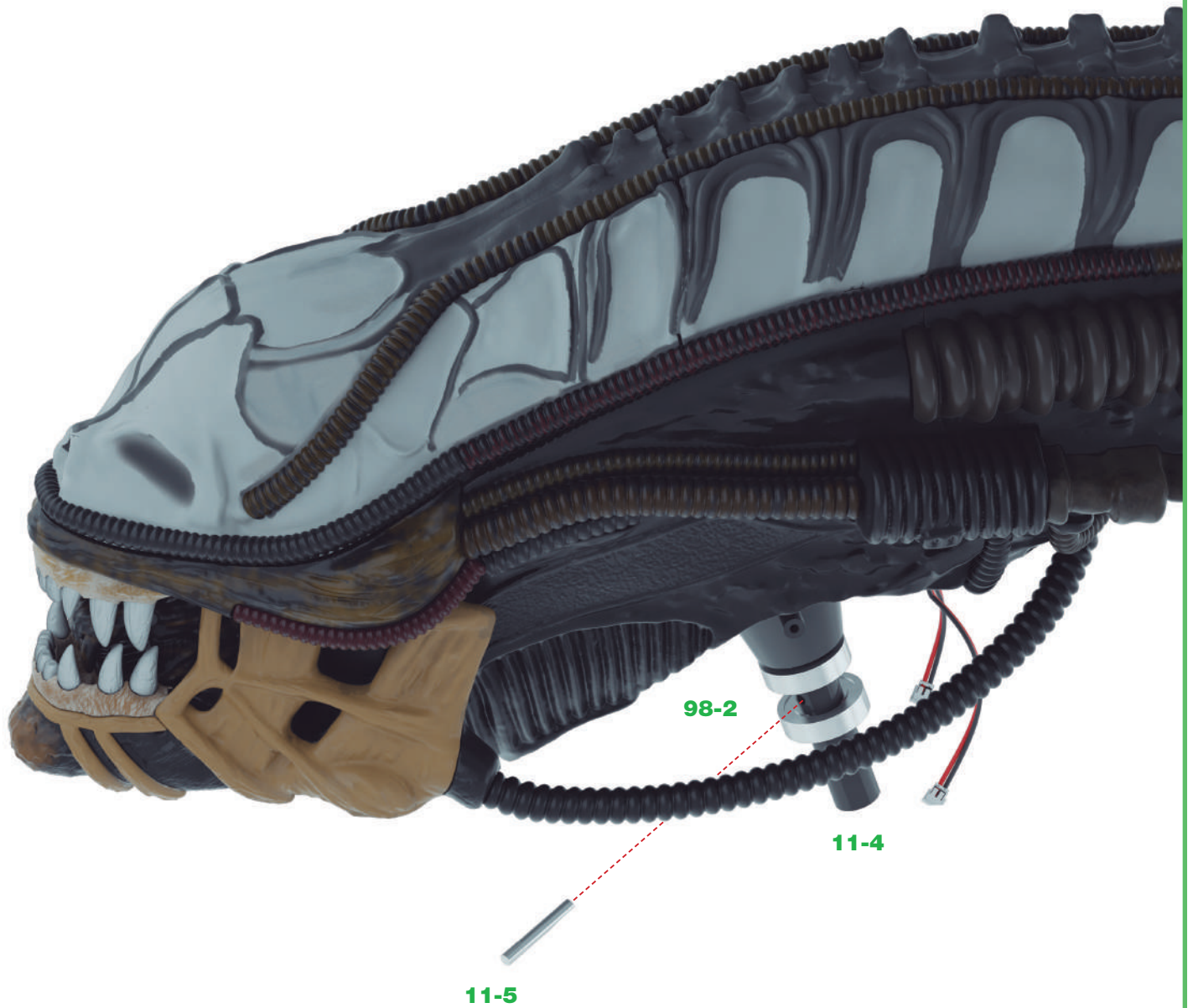
98-2

Once certain that the notch is in the correct position, pass the neck part **97-3** and two Bearings **98-2** over the rod **11-4**. Neck part **97-3** is orientated so that its raised screw sockets are on either side of the head.

2



## STAGE 98: THE NECK (II)

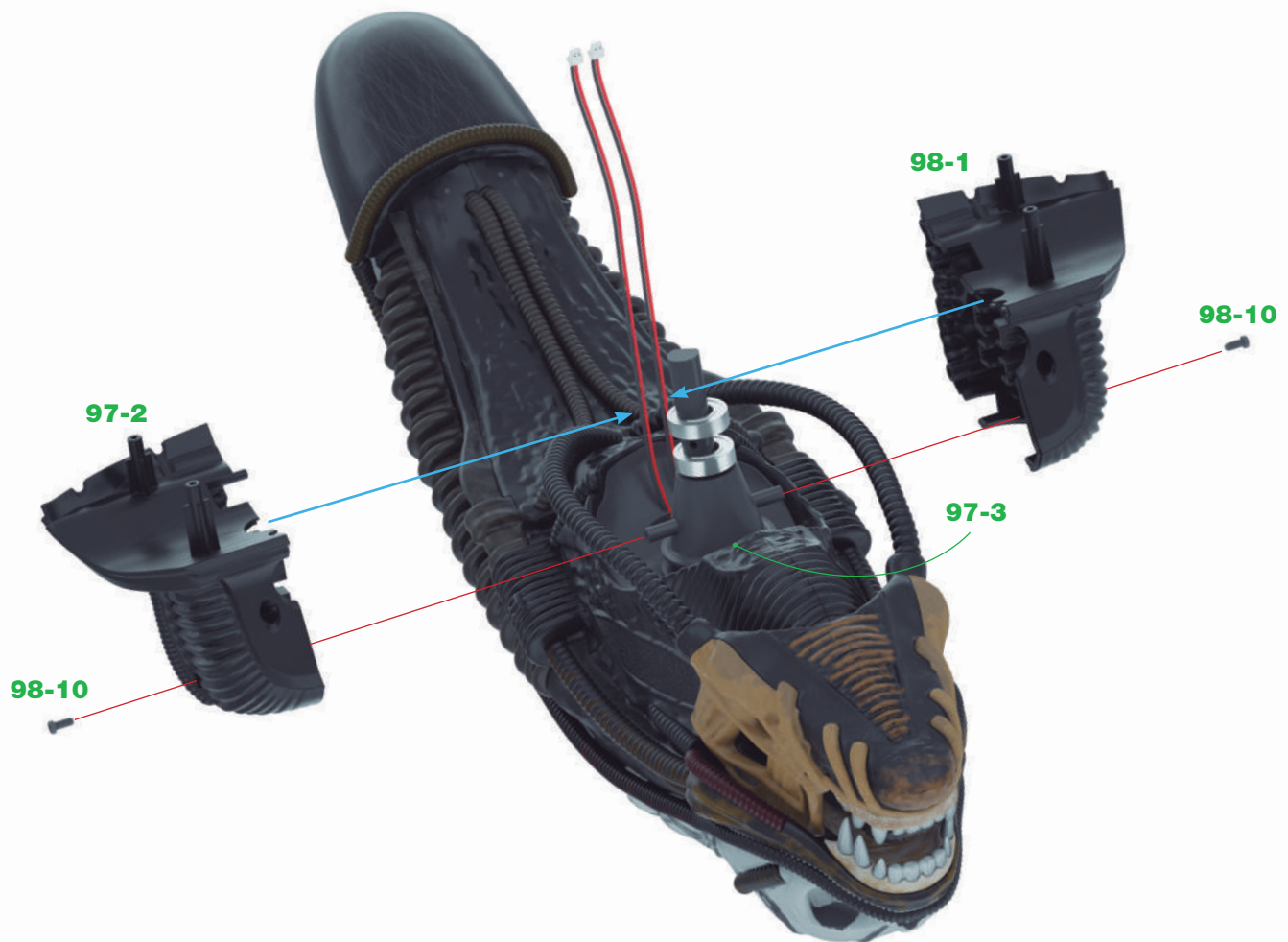


3

Put aside the pin **11-5** and replace it with Pin **98-11** which is supplied with this stage. Insert it into the original hole in rod **11-4**. The pin should sit between the two Bearings **98-2**, point towards the front of the head and be fully inserted so that it doesn't fall out.



## STAGE 98: THE NECK (II)



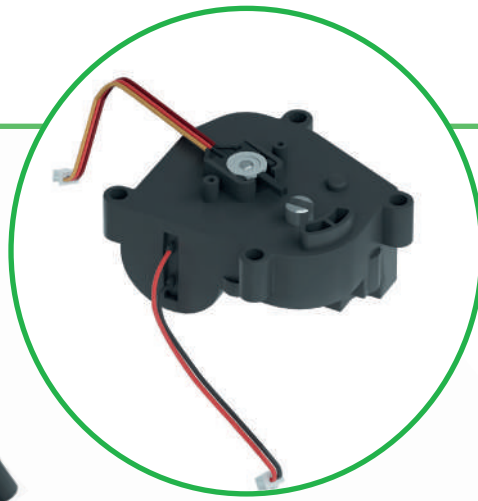
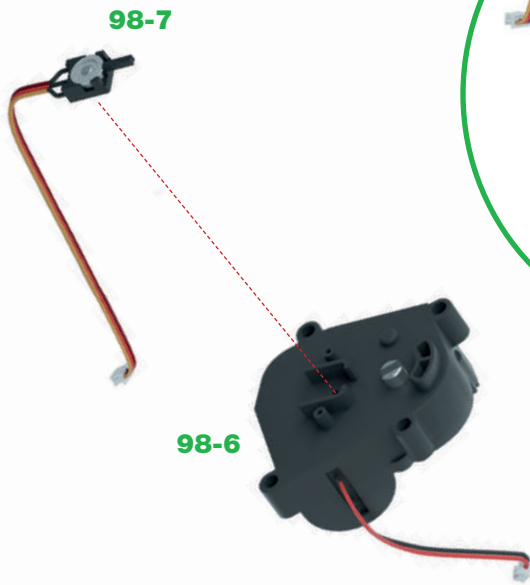
4

Turn the head assembly over and while holding the parts in place, fit the necks **97-2** and **98-1** onto the raised screw sockets on either side of the neck **97-3**. Make sure the bearings are positioned so that they fit into the recesses in the neck parts (see inset). Place the wires inside the neck (blue arrows). Fix the two halves of the neck **97-2** and **98-1** together with two 2.3x6mm screws **98-10**.



## STAGE 98: THE NECK (II)

5

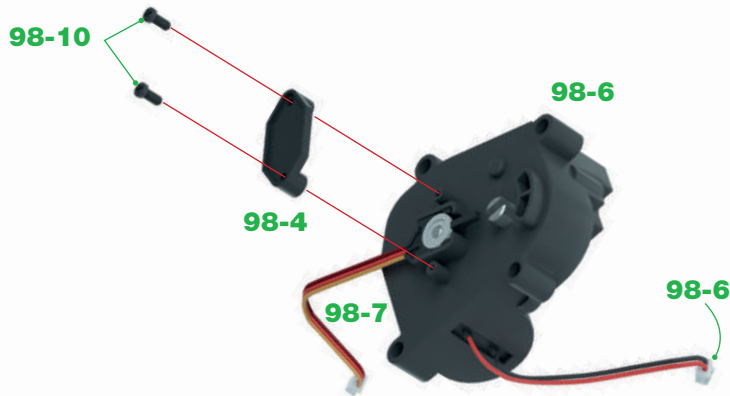


### EXPERT ADVICE

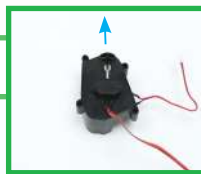
The connection of the cable to the motor assembly **98-6** is very delicate. Therefore, try to avoid unnecessary movement of it when handling the assembly.

Fit the Limit Switch **98-7** into the central slot in the Motor Assembly **98-6**. There is a locating pin underneath and the wires should be towards the outside.

6

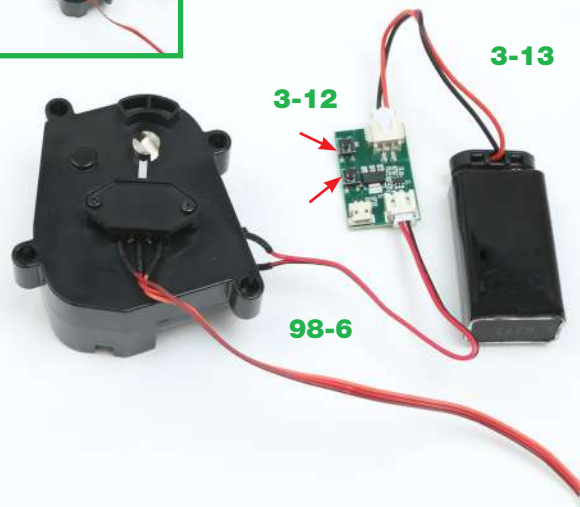


While keeping the Limit Switch **98-7** in position, fit the Switch Cover **98-4** onto the raised screw sockets either side of the Limit Switch **98-7**. Secure in place using two 2.3x6mm screws **98-10**.



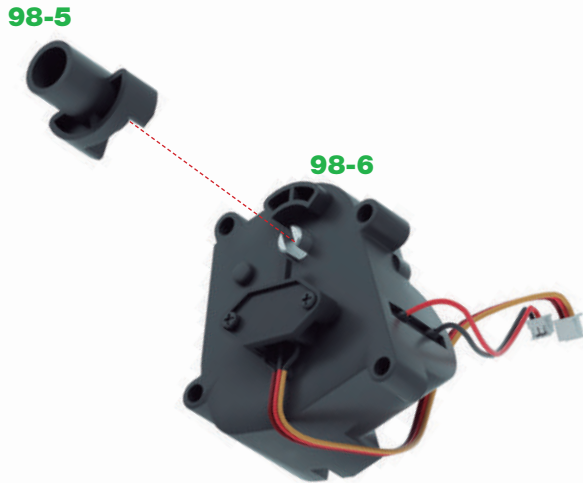
Make sure the spindle of the Motor **98-6** is in the correct position. It is important that it is pointing directly to the front (see inset). If it isn't, then connect the Motor Assembly **98-6** to the PCB **3-12** Battery Connector **3-13** and a 9 volt battery. Use the buttons (green arrows) on the PCB to rotate the motor spindle until it is in the correct position.

7

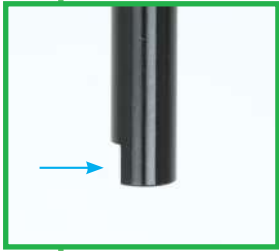
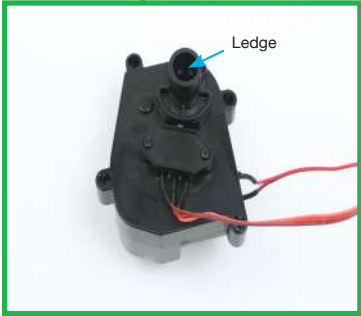
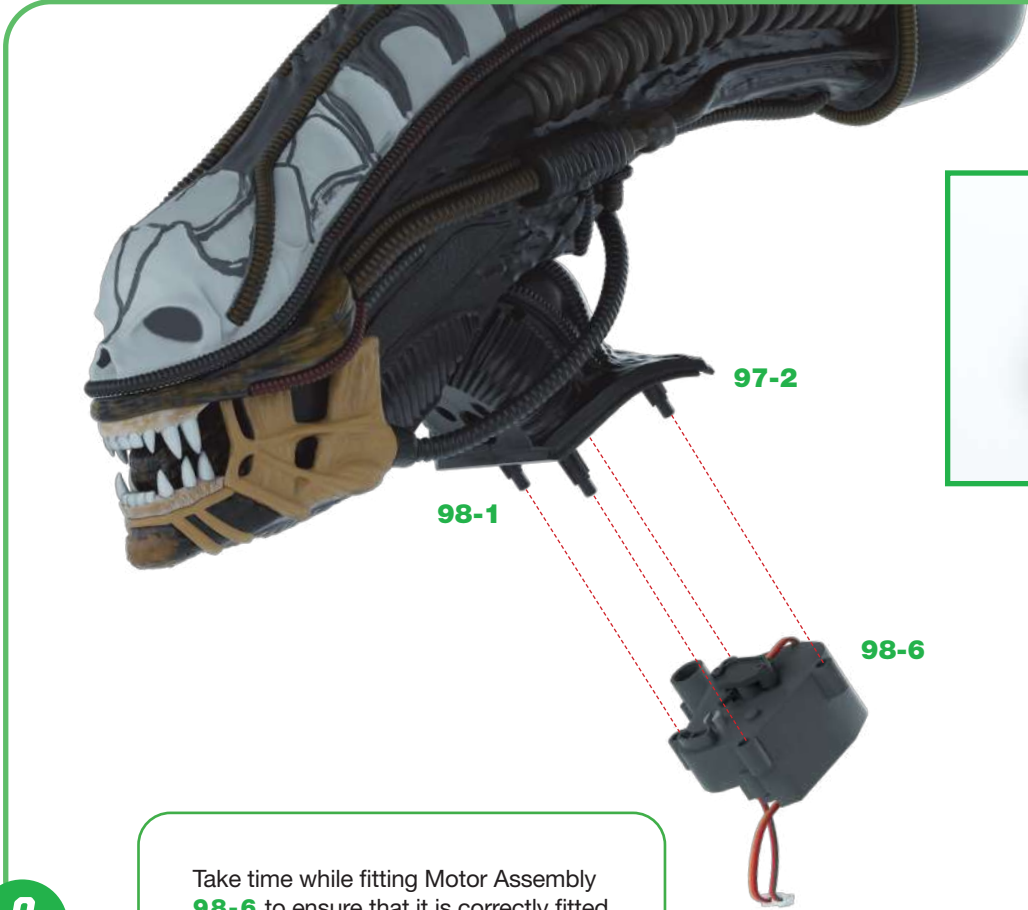


## STAGE 98: THE NECK (II)

8



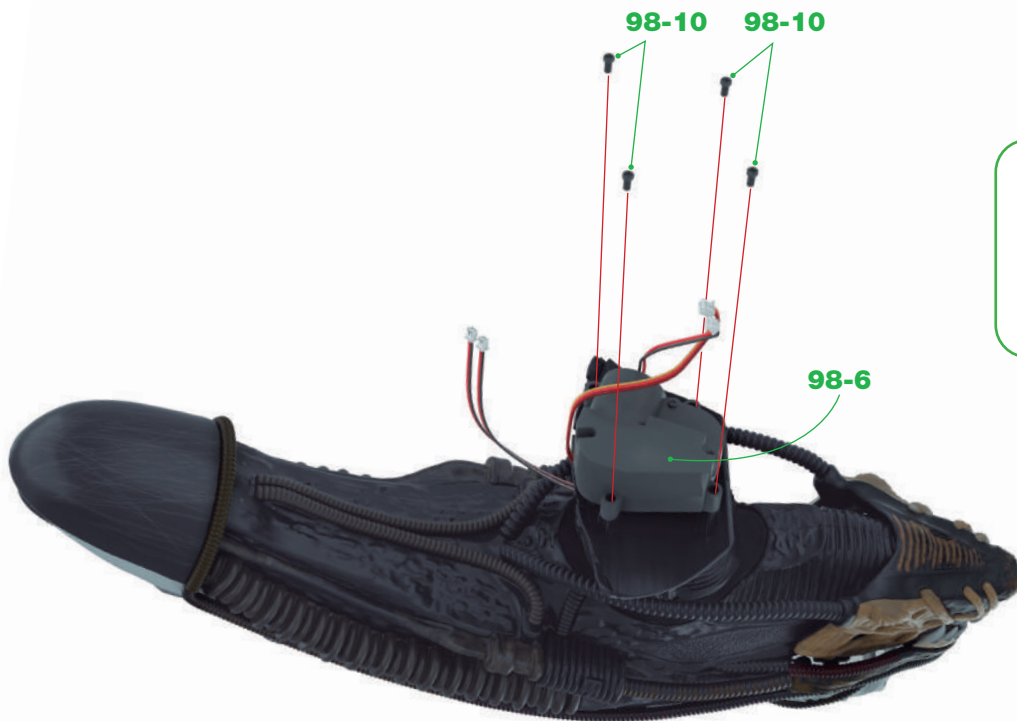
Once certain that the Motor Assembly 98-6 is in the correct position, push-fit Connector 98-5 on to the spindle. There is a ridge on the underside of Connector 98-5 which fits into the slot in the motor spindle 98-6.



9

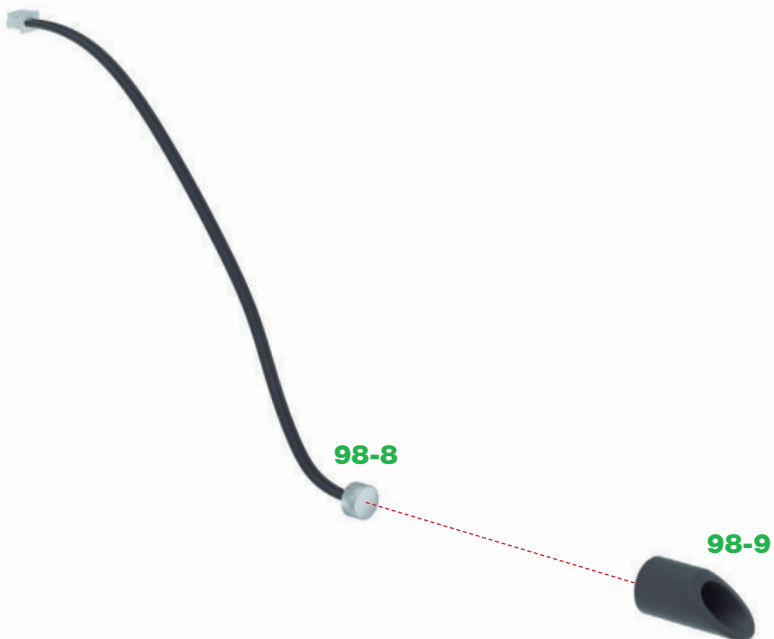
Take time while fitting Motor Assembly 98-6 to ensure that it is correctly fitted to the base of the neck 97-2/98-1. There is a ledge inside the Connector 98-5 (inset top) which needs to be towards the front so that it locates with the notch in rod 11-4 (inset lower).

## STAGE 98: THE NECK (II)



When sure of the correct fit, secure the Motor Assembly **98-6** in place with four 2.3x6mm screws **98-10**.

10



Fit the Microphone **98-8** by gently pushing it into the Microphone Tube **98-9**.

11

## STAGE 98: THE NECK (II)

12

98-3

98-8

98-9

Insert the cable of Microphone **98-8** through the hole in Neck **98-3** so that the Microphone Tube **98-9** fits neatly in the hole in Neck **98-3**, as shown in the inset above.

98-8

98-3

98-1

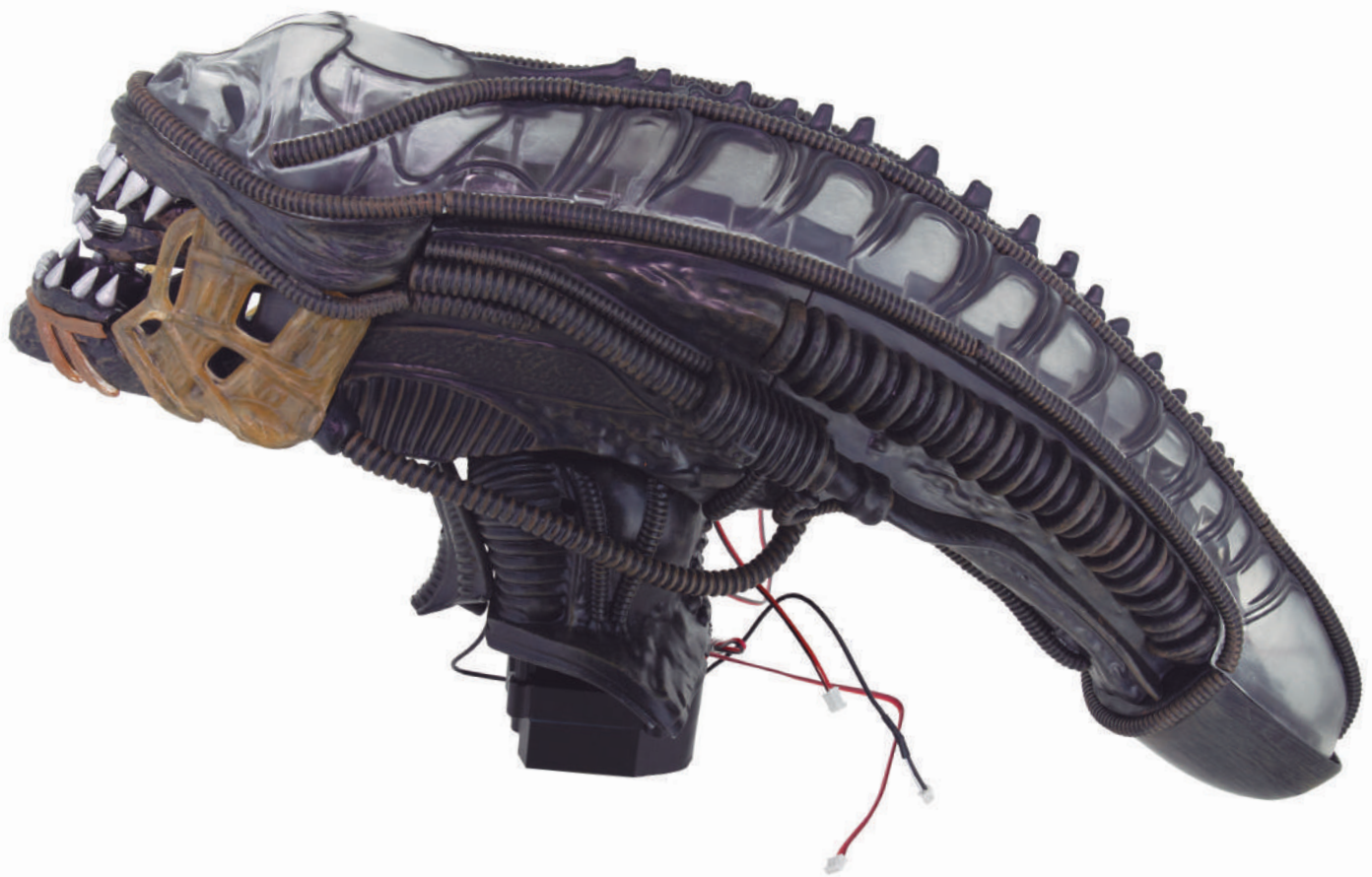
97-2

Pass the cable of Microphone **98-8** through the holes formed by neck parts **97-2** and **98-1**, as shown by the dotted blue line on left. The inset image below shows how the wire passes through a small hole at the bottom. Test-fit the two raised screw sockets on Neck **98-3** into the corresponding holes in neck assembly **97-2/98-1** but do not glue it at present. Keep it safely with the head until it is fitted in the next stage.

13



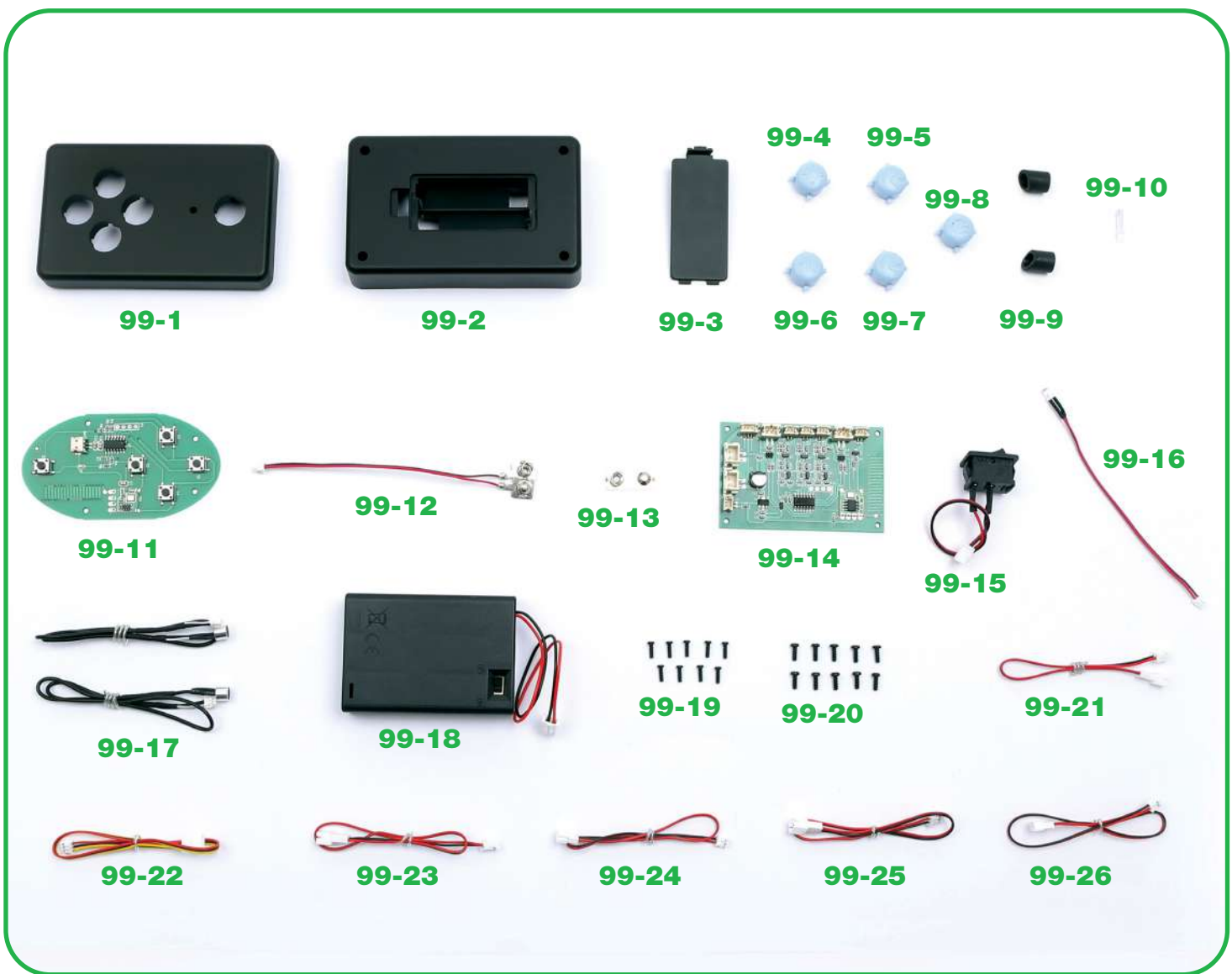
**STAGE 98: THE NECK (II)**



*THE MOTOR AND ASSOCIATED PARTS FOR THE NECK MOVEMENT HAVE BEEN FITTED ALONG WITH THE NECK MICROPHONE.*

# STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

In this stage you will assemble the remote control and the battery plus attach the skull to the rest of the Xenomorph's body.

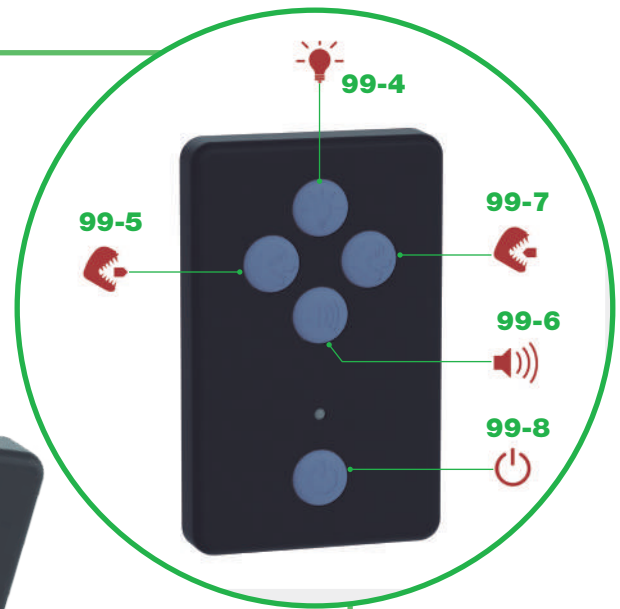
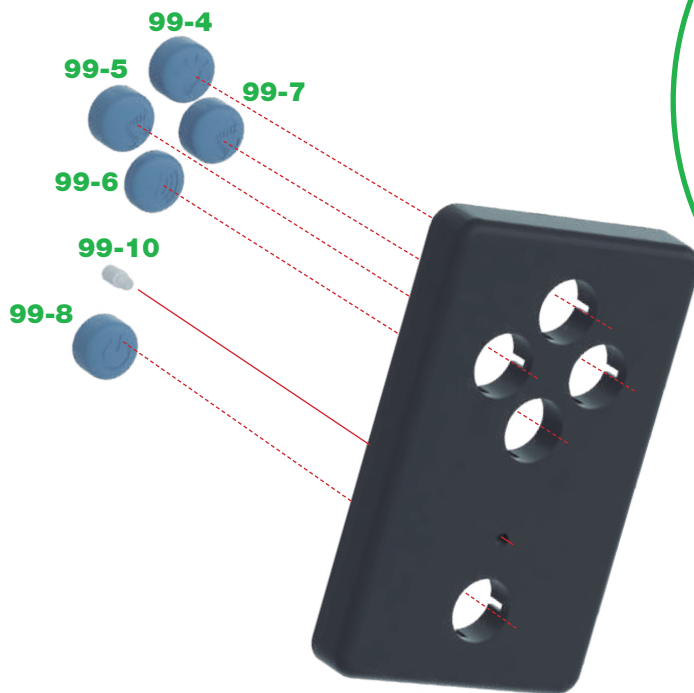


# THE REMOTE CONTROL, THE BATTERY AND THE SKULL

## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
99-1	Front panel - remote control	1	99-14	Main PCB	1
99-2	Rear panel - remote control	1	99-15	Switch	1
99-3	Battery cover - remote control	1	99-16	LED Indicator light	1
99-4	Button 1	1	99-17	Microphones	2
99-5	Button 2	1	99-18	Battery compartment	1
99-6	Button 3	1	99-19	2x6mm screws (1 spare)	9
99-7	Button 4	1	99-20	2.3x6mm screws (1 spare)	11
99-8	Button 5	1	99-21	Extension cable	1
99-9	Microphone tubes	2	99-22	Extension cable J7	1
99-10	Indicator light rod	1	99-23	Extension cable J6	1
99-11	Remote control PCB	1	99-24	Extension cable J10	1
99-12	Battery connector cable	1	99-25	Extension cable J5	1
99-13	Battery terminal connector	1	99-26	Extension cable J4	1

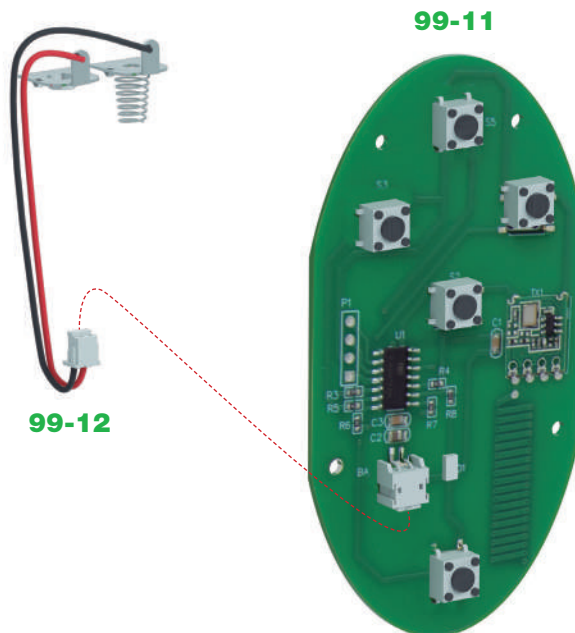
## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



Take the Front Panel **99-1** of the remote control and place it upside down on a surface. Study the diagram carefully to see where the Buttons **99-4** to **99-8** are fitted. Insert Indicator Light Rod **99-10** into the hole just above the power button.

1

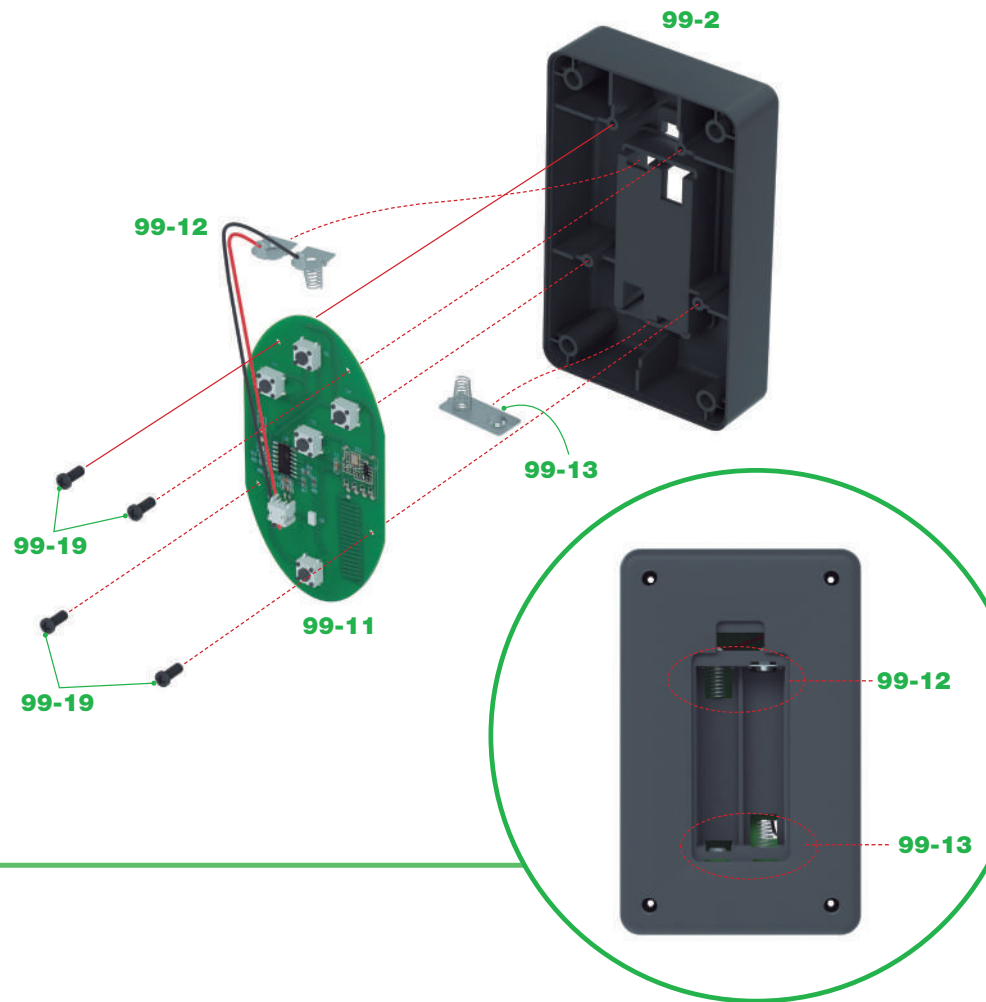
Next, take the Remote Control PCB **99-11** and the Battery Connector Cable **99-12**. Carefully insert the plug at the end of Connector **99-12** into the socket on Remote control PCB **99-11**. The plug can only be inserted one way.



2

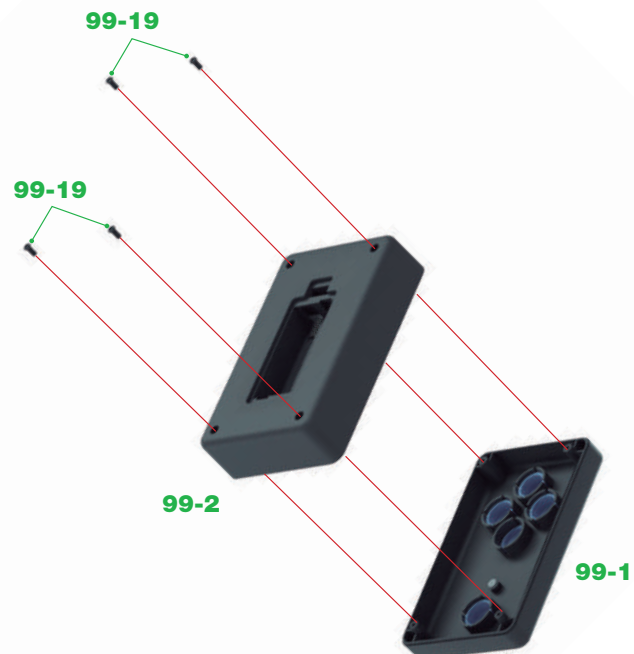
## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

Lay the Rear Panel **99-2** of the remote control on the work surface and fit Battery Terminal Connector **99-13** at the bottom, as shown. Next, the PCB **99-11** is fitted in place inside and at the same time the Battery Connectors **99-12** are fitted at the top, as shown. There are four holes in the PCB **99-11** which align with raised screw sockets in Panel **99-2**. After checking from the back that the Battery Connectors **99-12** and **99-13** are correctly positioned (see inset) secure the PCB in place using four 2x6mm screws **99-19**.



3

Keeping the Front Panel **99-1** upside down on the work surface, fit the Back Panel **99-2** on top. When certain that the buttons on the PCB align correctly with those on the Front Panel, fix in place using four 2x6mm screws **99-19**, as shown.

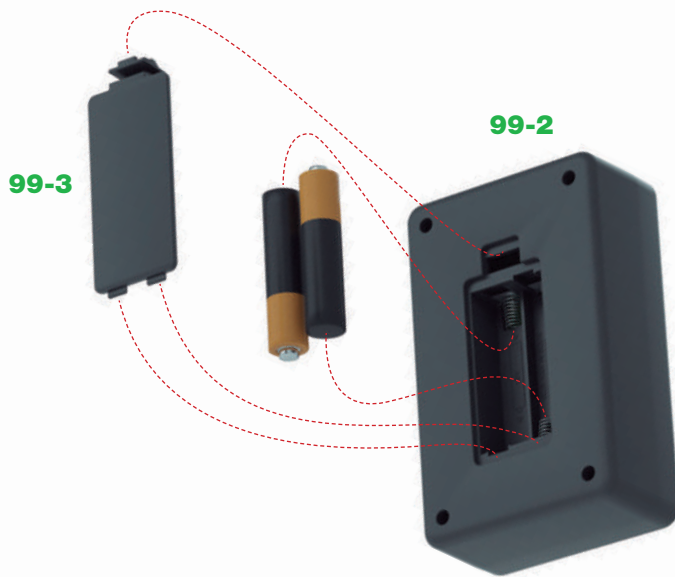


4



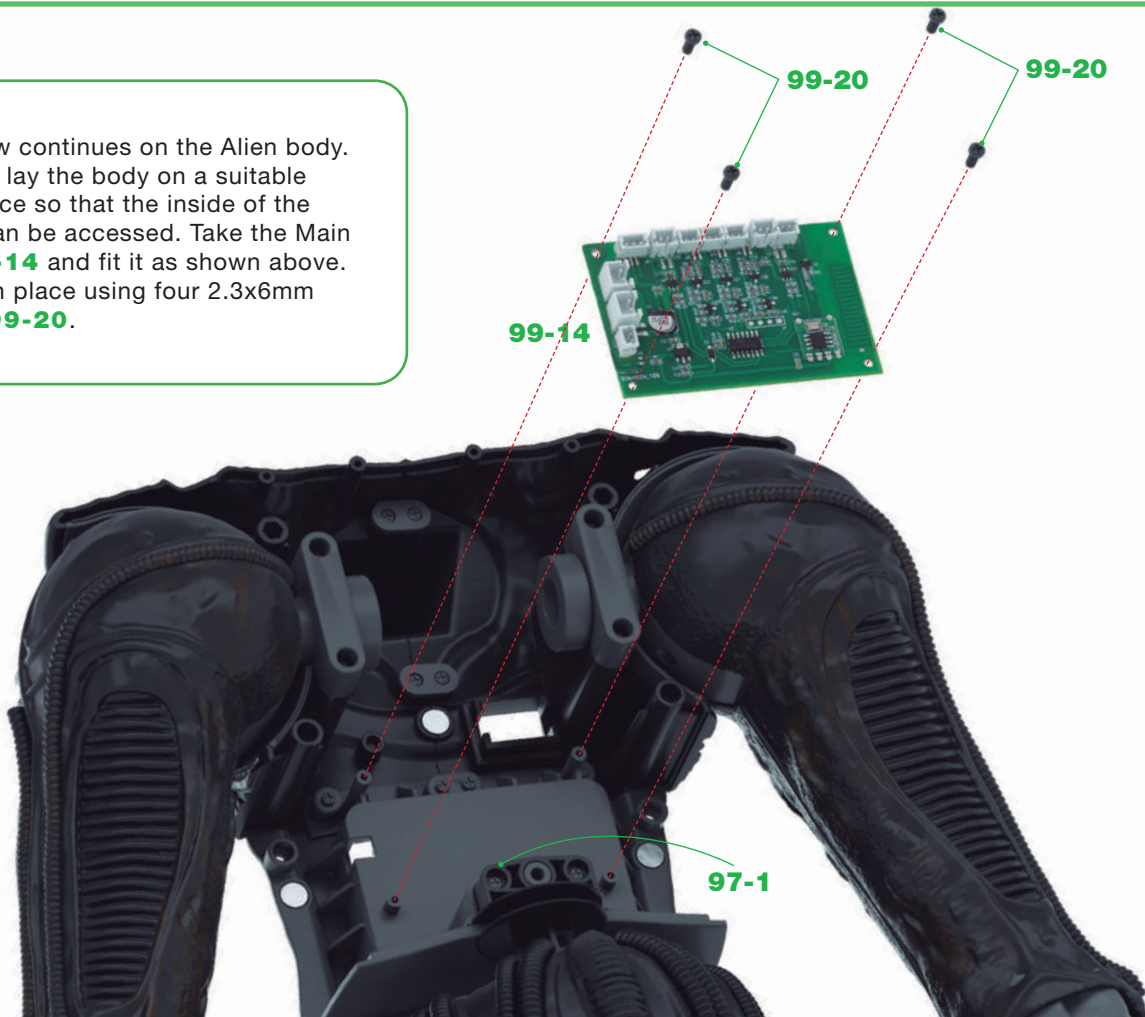
## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

5



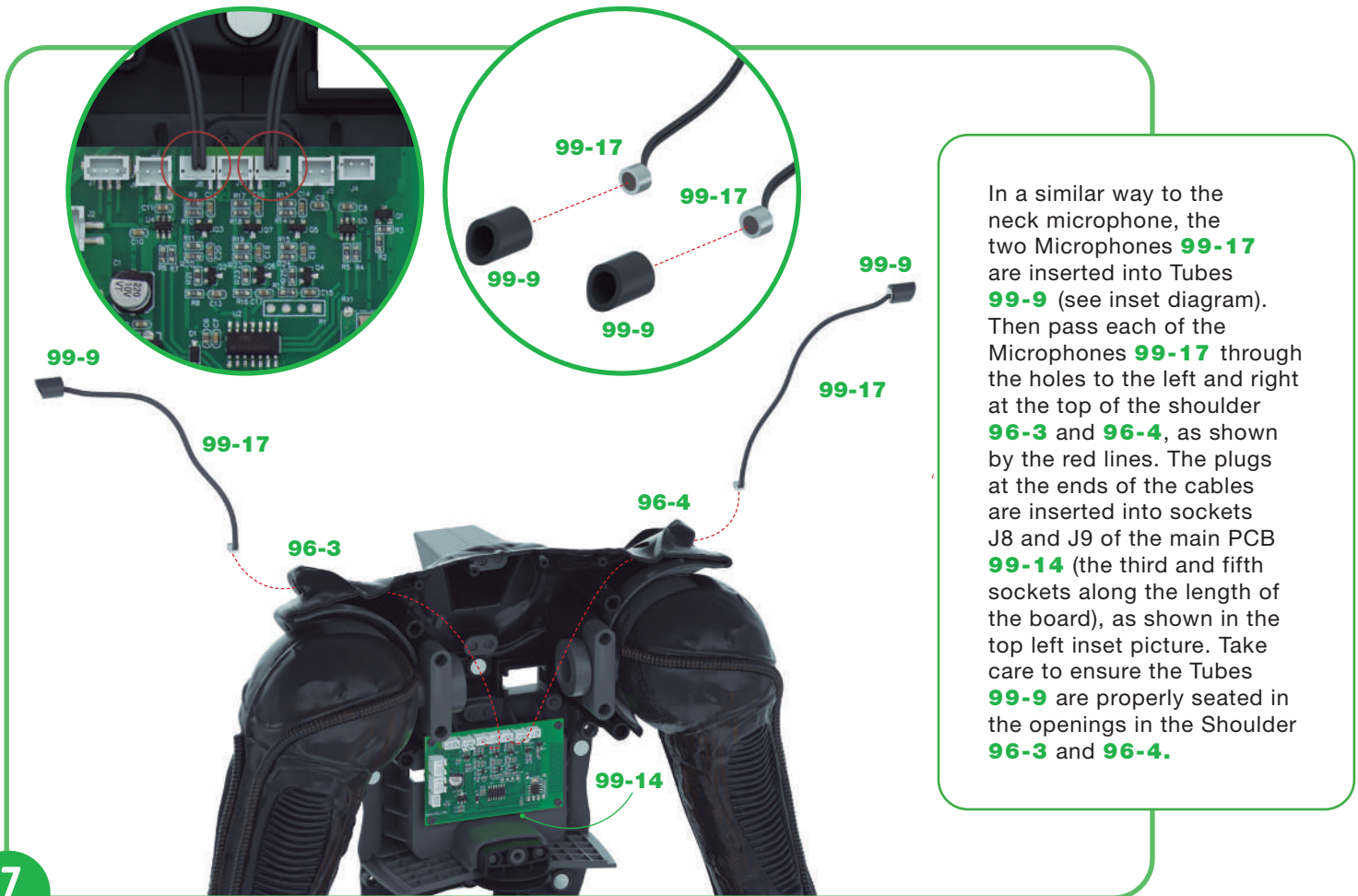
Two AAA batteries (not supplied) are inserted into the back of the remote control with the negative terminals in contact with the spring connections and the positive with the other connectors. Close the compartment by fitting Battery Cover **99-3** over the batteries.

Work now continues on the Alien body. Carefully lay the body on a suitable flat surface so that the inside of the thorax can be accessed. Take the Main PCB **99-14** and fit it as shown above. Secure in place using four 2.3x6mm screws **99-20**.



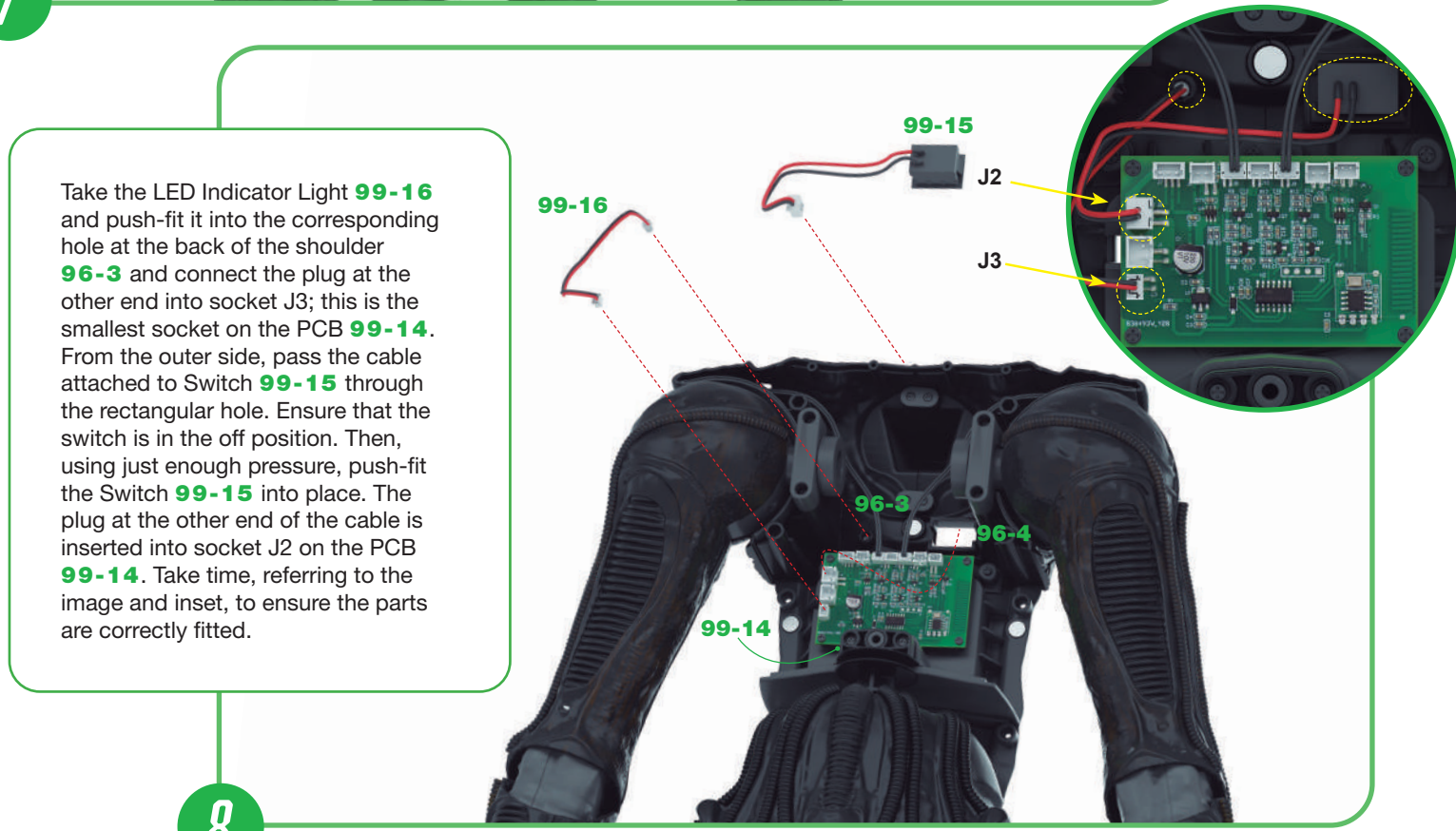
6

## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



In a similar way to the neck microphone, the two Microphones **99-17** are inserted into Tubes **99-9** (see inset diagram). Then pass each of the Microphones **99-17** through the holes to the left and right at the top of the shoulder **96-3** and **96-4**, as shown by the red lines. The plugs at the ends of the cables are inserted into sockets J8 and J9 of the main PCB **99-14** (the third and fifth sockets along the length of the board), as shown in the top left inset picture. Take care to ensure the Tubes **99-9** are properly seated in the openings in the Shoulder **96-3** and **96-4**.

7

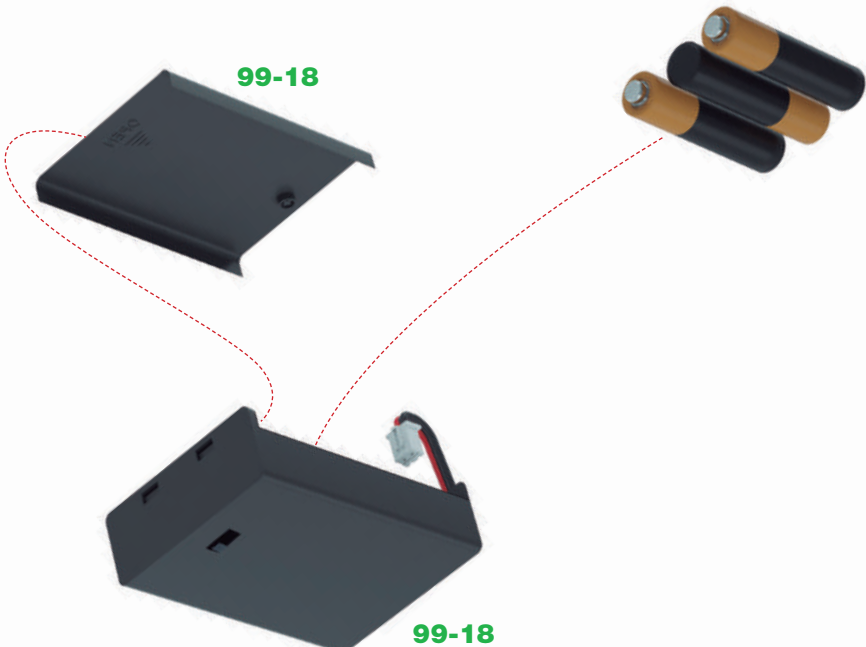


Take the LED Indicator Light **99-16** and push-fit it into the corresponding hole at the back of the shoulder **96-3** and connect the plug at the other end into socket J3; this is the smallest socket on the PCB **99-14**. From the outer side, pass the cable attached to Switch **99-15** through the rectangular hole. Ensure that the switch is in the off position. Then, using just enough pressure, push-fit the Switch **99-15** into place. The plug at the other end of the cable is inserted into socket J2 on the PCB **99-14**. Take time, referring to the image and inset, to ensure the parts are correctly fitted.

8

## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

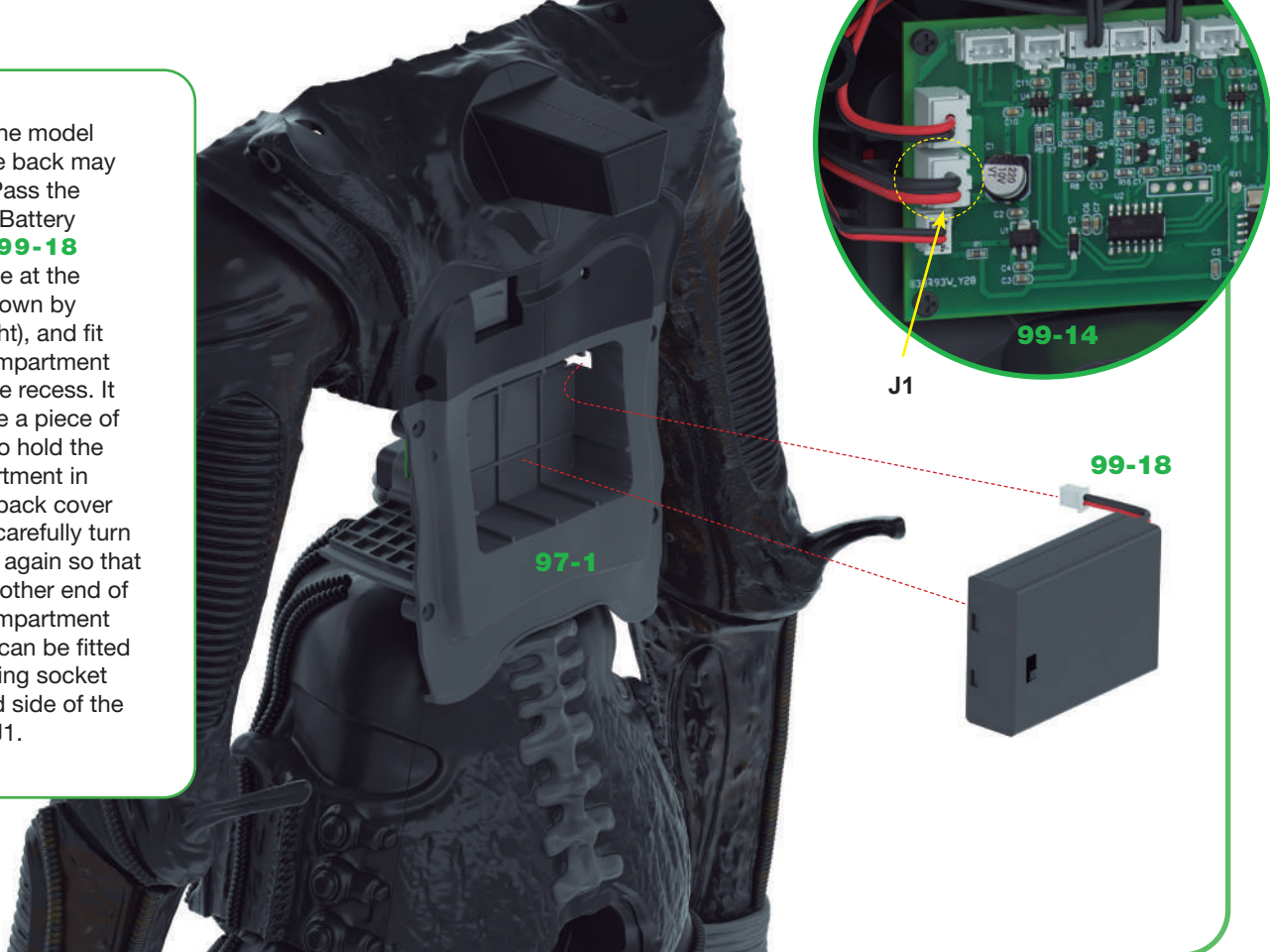
**9**



Open the battery compartment **99-18** by removing the screw and sliding open the cover. Insert three AA batteries (not supplied) into the compartment and re-fit the cover.

**10**

Carefully turn the model over so that the back may be accessed. Pass the cable from the Battery Compartment **99-18** through the hole at the top right, as shown by the red line (right), and fit the Battery Compartment **99-18** into the recess. It may help to use a piece of masking tape to hold the battery compartment in place until the back cover is fitted. Next, carefully turn the model over again so that the plug at the other end of the Battery Compartment Cable **99-18** can be fitted into the remaining socket on the left hand side of the PCB **99-14**, J1.



**97-1**

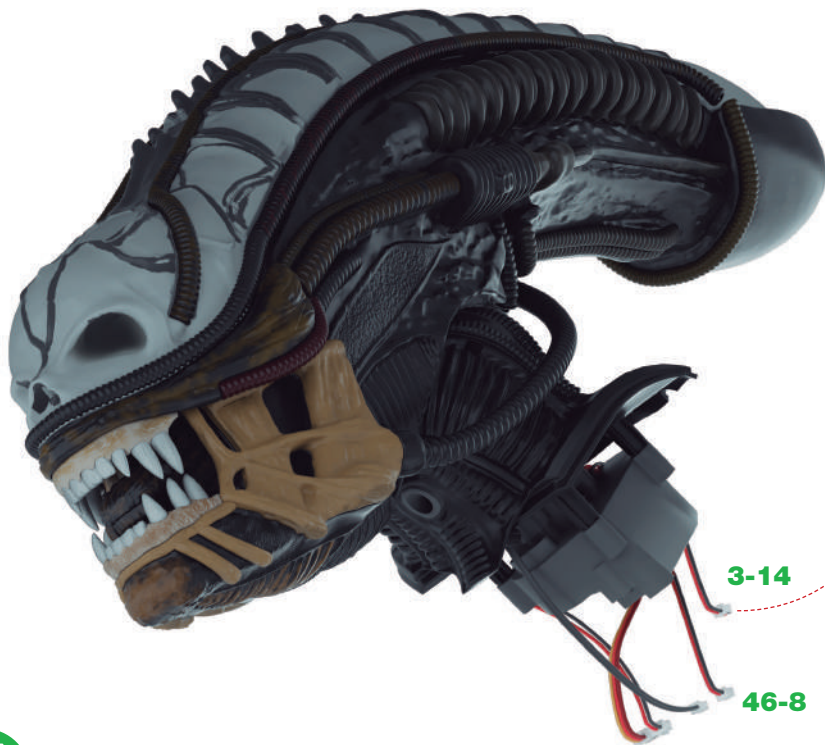
**99-14**

**J1**

**99-18**



## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



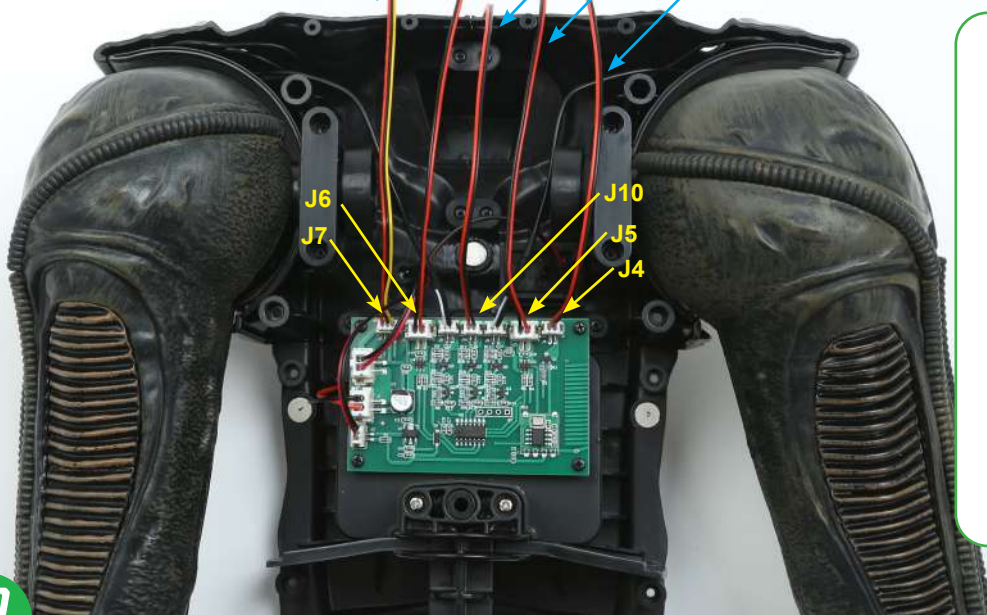
Locate the two red and black cables coming from the head assembly and insert the shorter one (which connects to the jaw motor) **3-14** into the socket at the end of Extension Cable **99-21**, as shown. Cable **99-21** is the shortest of those supplied with this stage.

11

### EXPERT ADVICE

Use a piece of masking tape to label each of these cables. From left to right: J7 Limit Switch **98-7**, J6 Head Motor **98-6**, J10 Neck mic. **98-8**, J5 Mouth motor **3-13**, J4 Head LEDs **46-8**.

J6 Head motor **98-6**  
 J7 Limit switch **98-7**  
 J10 Neck mic. **98-8**  
 J5 Mouth motor **3-13**  
 J4 Head LEDs **46-8**



To help with the fitting of the head, additional extension cables have been provided. The first of these Cables, **99-22** is for the limit switch **98-7**. This has three wires and is inserted into socket J7 (the far left at the top of the PCB). Then identify the two Cables with the larger plugs **99-23** and **99-25** and insert these into sockets J6 (**99-23**) and J5 (**99-25**) respectively. The remaining two Cables **99-24** and **99-26** are inserted into sockets J10 (**99-24**) and J4 (**99-26**).

12



## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



13

Take great care with the next steps where the head is fitted. It may help if someone else were available for some of this stage of the construction.

Stand the body securely on the floor next to a table and place the head next to it in readiness for the cables in the head to be connected to the extension cables. Also have ready the rib cage assembly from stage 96 and the shoulder growths assemblies **91-2** and **92-2** from Pack 12 - stages 91 and 92.



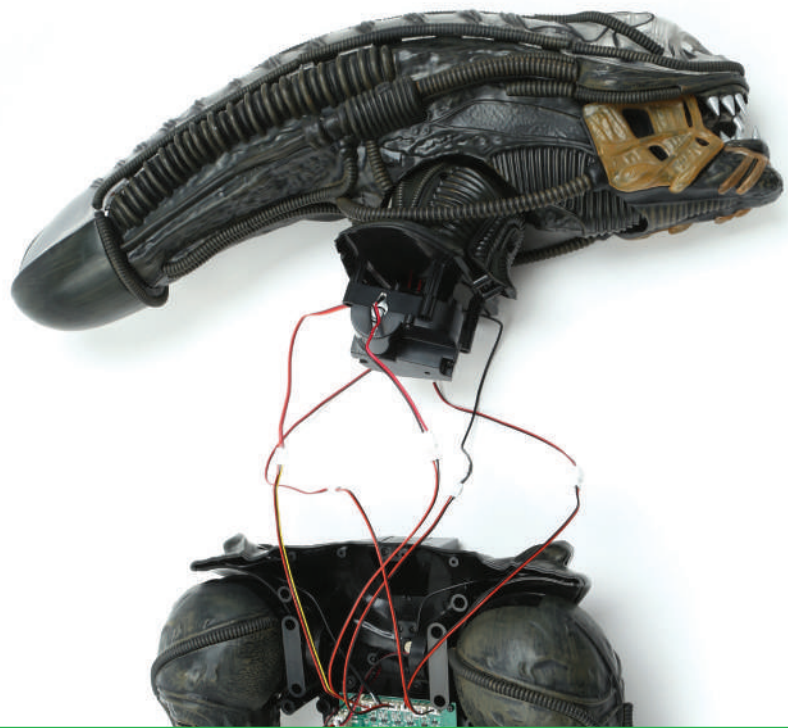
## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

Connect each of the extension cables in turn to the corresponding cable on the head. It is important to double check that the cables are correctly fitted.

### EXPERT ADVICE

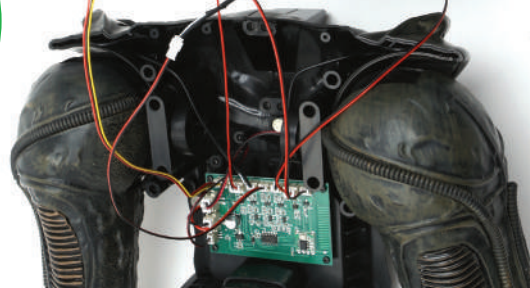
Remember to take particular care when handling the cable to the neck motor **98-6**.

14

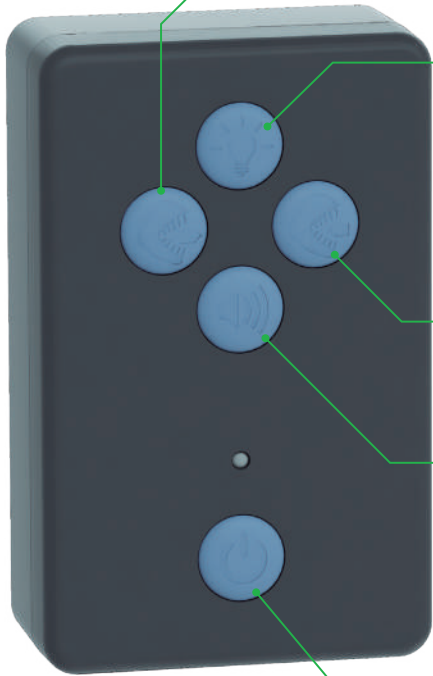


Once certain that the cables are correctly connected, the functions of the head can be tested. Support the head in an upside down position as the head motor assembly **98-6** will turn instead of the head. Power on the model by turning on the switch on the battery container and the switch at the back of the body (inset). The LED Indicator Light **99-16**, also at the back, will light up to confirm that the model is powered on and the head motor will go through an initialisation process for a few seconds and settle in the mid position. Then turn on the remote control by pushing the power switch.

15



## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



99-5



99-4



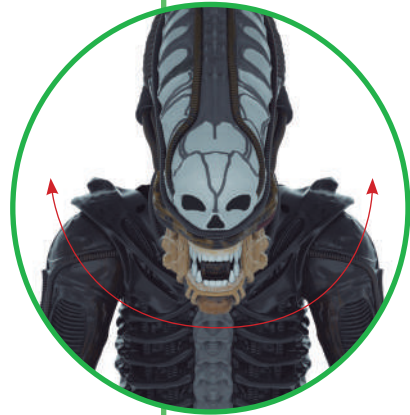
99-7



99-6



99-8



Firstly, test the lights by pressing button **99-4**. Then check the open and close function of the inner jaw by pressing buttons **99-5** and **99-7**. The head movement is sound operated and movement is dependent on the source of the sound. Switch on this function by pushing the 'sound' button **99-6** on the remote control. When a sound is made by the left shoulder microphone (whistle or clap), the head motor should turn. When a sound is made by the right shoulder or neck microphone the head motor should move again. When finished, make sure that the head motor is in the initial central position. Also, remember to turn off the switch at the back of the model and the remote control.

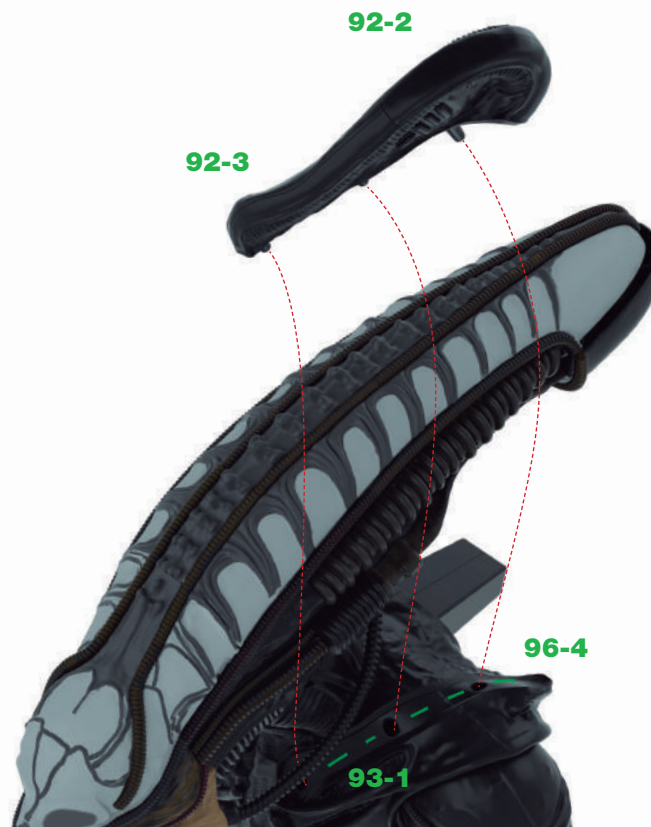
## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL



17

Once certain the electronic functions are working, the head can be fitted. Firstly, take the rib cage assembly which was last worked upon in stage 96 and test-fit it in place so that it covers the front of the Xenomorph. It may help to move the arms slightly outwards whilst doing this. After test-fitting, pull it back slightly so that the gap at the top is just sufficient to receive the head, as shown. Then ensuring the body is fully supported, tuck the cables into the body and fit the head in place. Next, close the rib cage firmly onto the body so that the head is held in place. The shoulder growths, fitted in the next steps, will help hold the head in place.

Whilst holding the head in place, take the left shoulder appendage assembly **92-2** and fit the three large pegs into the corresponding holes in the shoulder. Then fit the neck **98-3** which contains the neck microphone in place by inserting its large pegs into the corresponding holes.

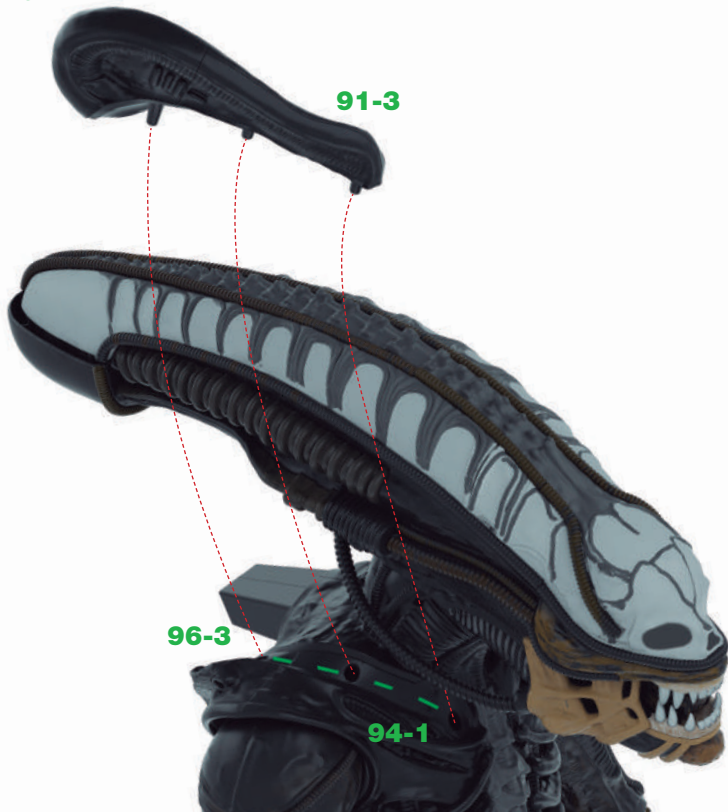


18



## STAGE 99: THE REMOTE CONTROL, THE BATTERY AND THE SKULL

91-2



91-3

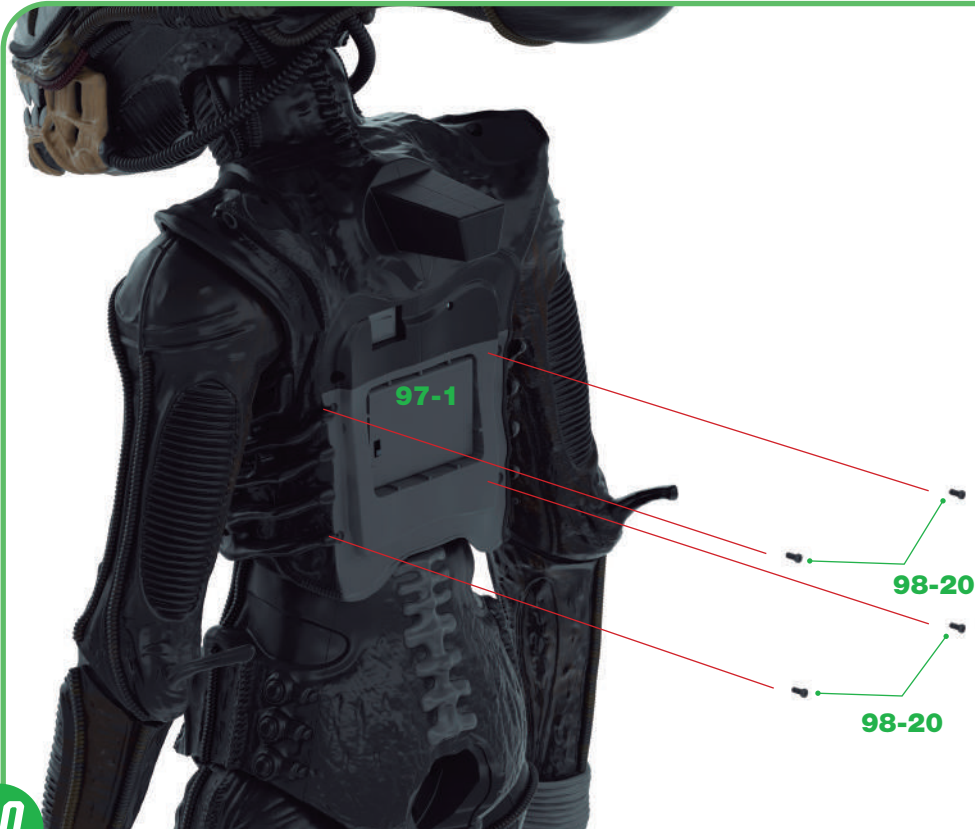
96-3

94-1



Again, keeping the head securely in place, take the right shoulder appendage **91-2** and fit the three large pegs into the corresponding holes in the shoulder.

19



97-1

98-20

98-20

When certain that the head is securely held in place, turn the Xenomorph around so that the back can be accessed. Take four 2.3x6mm screws **98-20** and secure the rib cage assembly in place as shown. With the head fitted, the functions can again be tested; in particular that the head moves towards the source of the sound. Once completely sure that the Xenomorph is functioning correctly you may want to go back and re-assemble the neck parts but this time glueing them in place.

20



**STAGE 99 IS COMPLETE**



*THE REMOTE CONTROL HAS BEEN CONSTRUCTED,  
THE MAIN PCB FITTED, THE HEAD CABLES  
CONNECTED TO THE BODY, THE FUNCTIONS TESTED  
AND THE HEAD FITTED IN PLACE.*

# STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

In this stage you will finish the project, completing the assembly of the skull and the base, before installing the Xenomorph model onto the base.

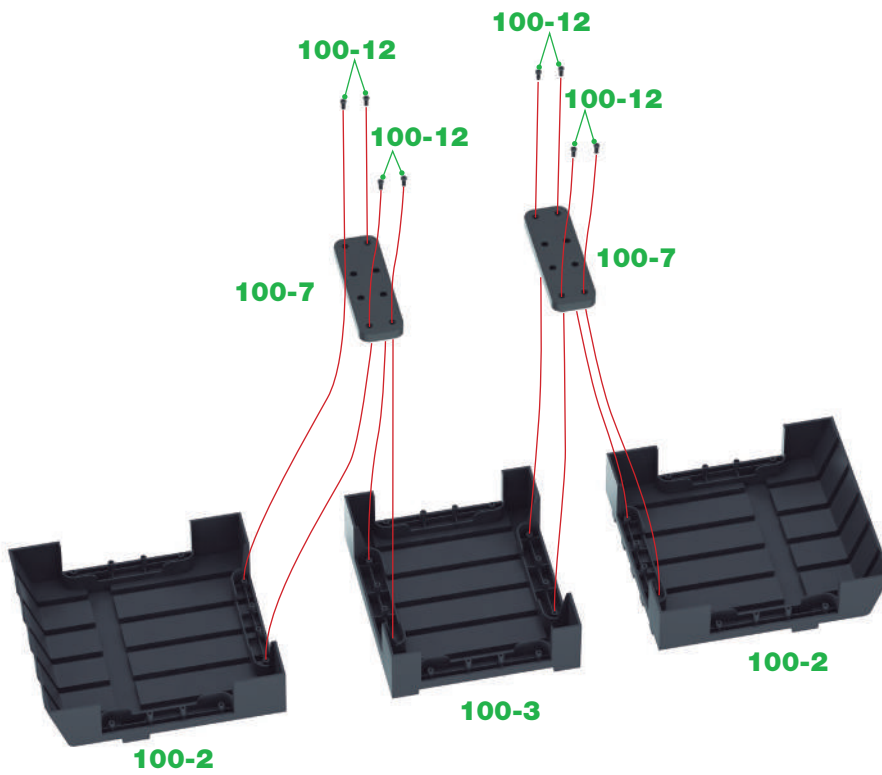


## PARTS SUPPLIED

Ref	Name	Qty	Ref	Name	Qty
100-1	Upper skull membrane	1	100-7	Connector	7
100-2	Base 4	2	100-8	Tail support bracket 1	1
100-3	Base 5	1	100-9	Tail support bracket 2	1
100-4	Base 6	1	100-10	Tail support pole 1	1
100-5	Base 7	1	100-11	Tail support pole 2	1
100-6	Base 8	1	100-12	2.5x6mm screws (1 spare)	35

**Note:** In addition to these parts, **Base Brackets 100-13 to 100-17** have been supplied and are shown in step 5.

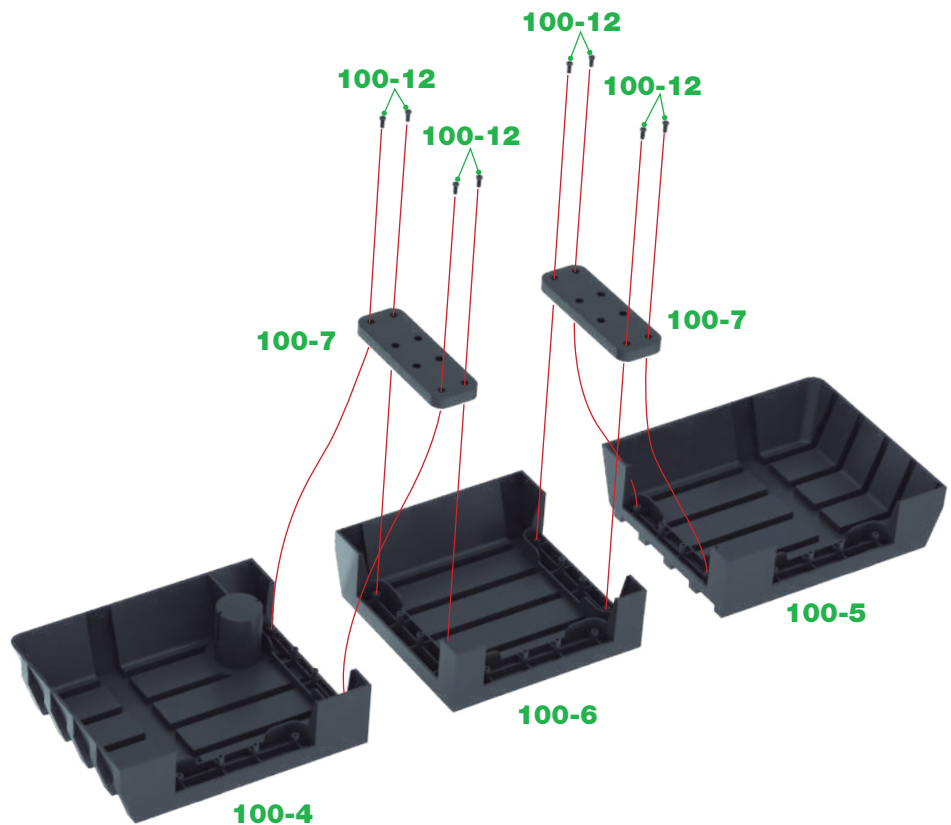
## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL



Take the two Base sections **100-2** and Base **100-3** and lay them next to each other on the work surface along with two Connectors **100-7**. In a similar way to the base sections in stage 94, join the sections together by fitting a Connector **100-7** over the raised screw sockets on the Base parts **100-2** and **100-3**. Secure each connector in place with four 2.3x6mm screws **100-12**, as shown.

1

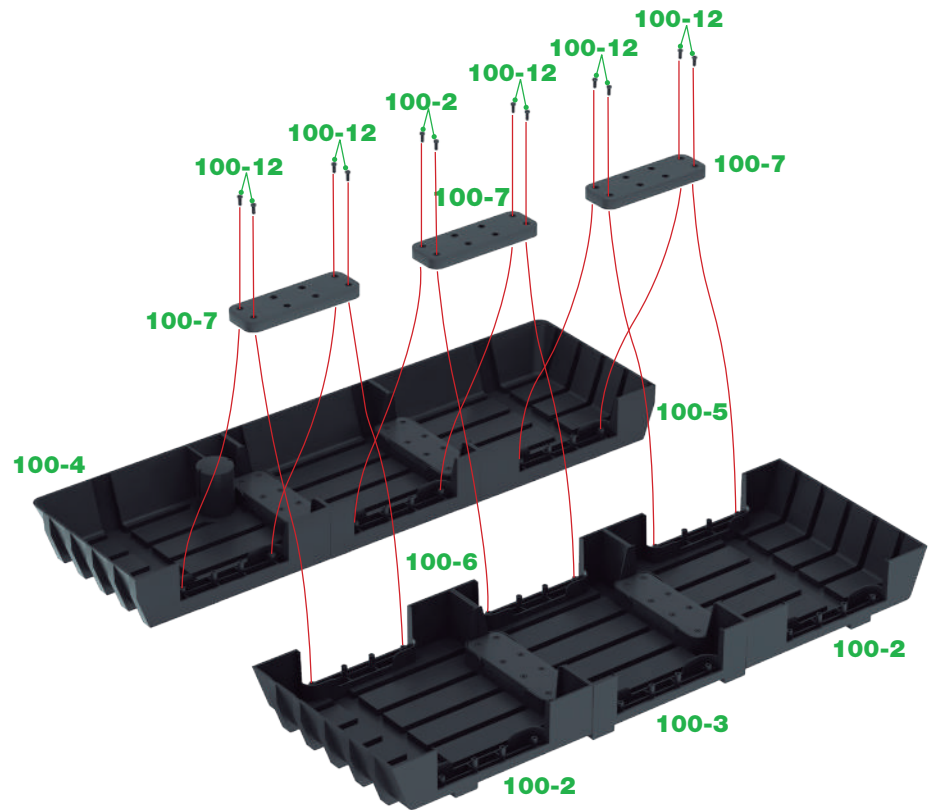
The Base parts **100-4**, **100-6** and **100-5** are arranged next to each other as shown. Take two Connectors **100-7** and fit one over the raised screw sockets between Base **100-4** and Base **100-6** and the other between Base **100-6** and **100-5**. Fix the connectors in place using four 2.3x6mm screws **100-12** in the corners of each.



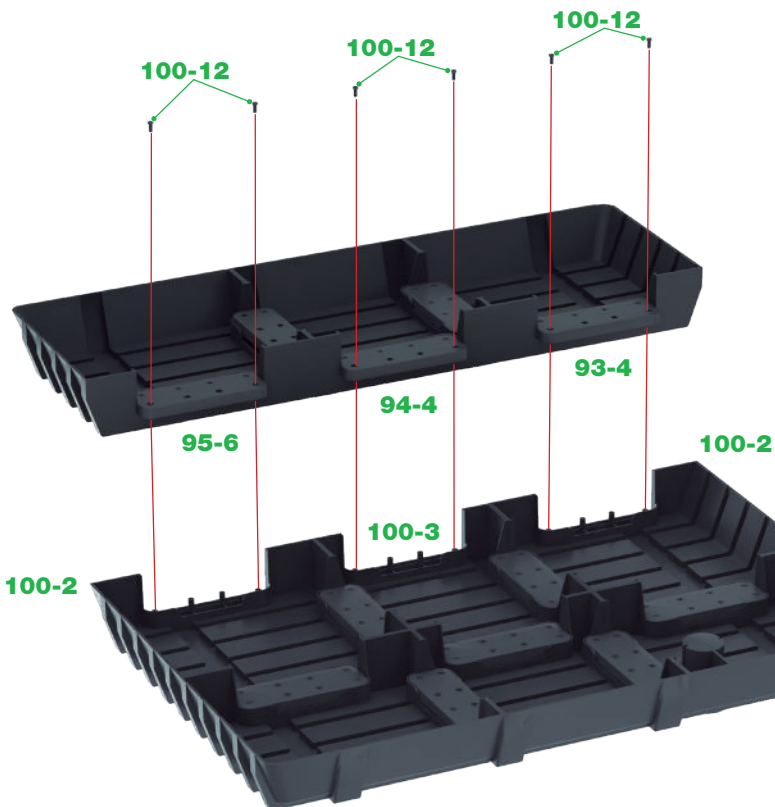
2

## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

Take the two base assemblies from the previous steps. To join them together fit a Connector **100-7** between each pair of base parts: **100-2** and **100-4**, **100-3** and **100-6**, **100-2** and **100-5**. Secure the Connectors **100-7** in place using four 2.3x6mm **100-12** screws in each.



3



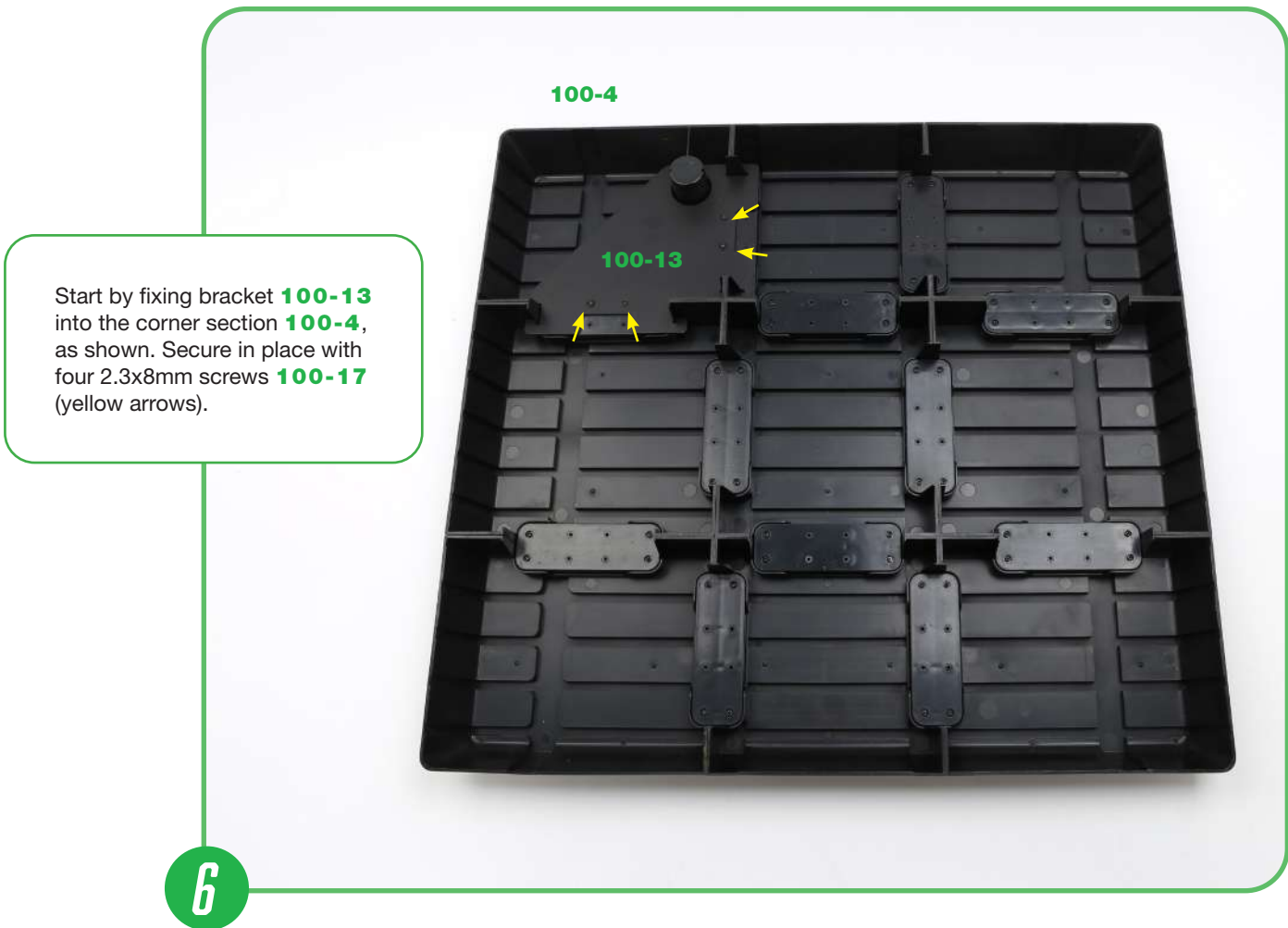
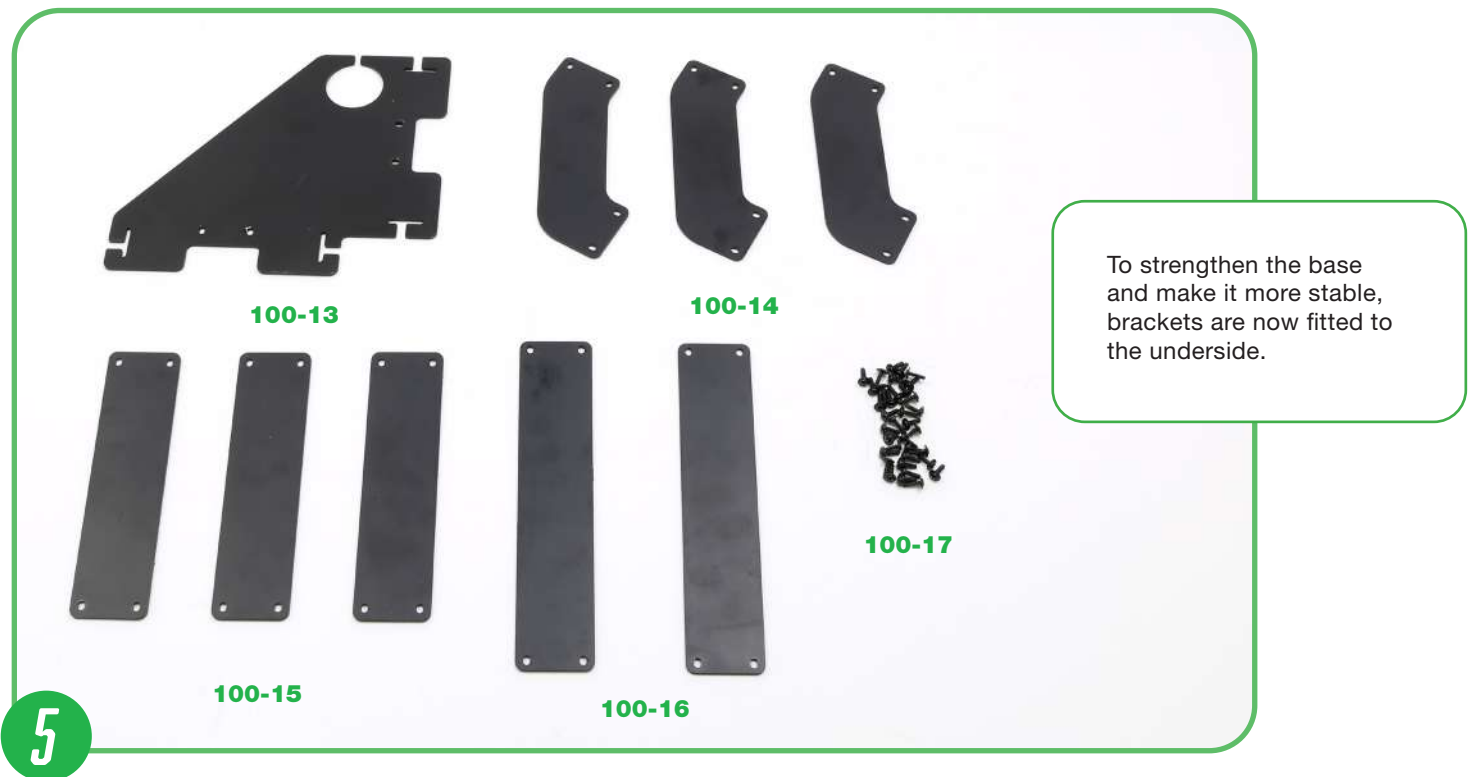
Take the other base assembly which was completed in stage 95 and place it next to the base assembly from the previous step. Connectors **93-4**, **94-4** and **95-6** have already been attached to the base assembly. Fit these over the raised screw sockets on Base sections **100-2** and **100-3** and secure in place with six 2.3x6mm screws **100-12**.

**Tip:** You may find that you need to temporarily loosen the previously fitted connectors to help them to fit.

4



## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL



## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

**7**

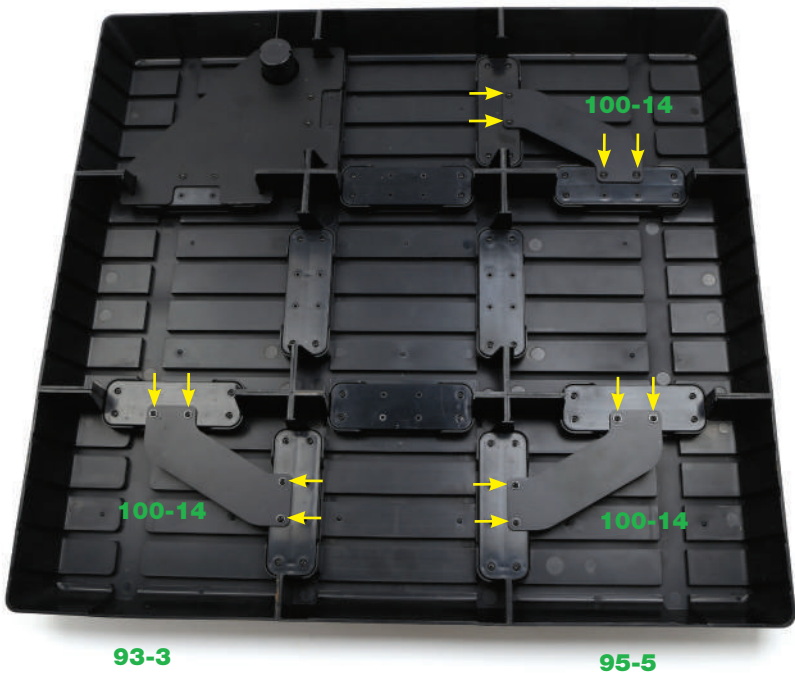


Diagram 7 shows the assembly of corner brackets **100-14** on a black base plate. The base plate has three main sections labeled **93-3**, **95-5**, and **100-5**. Three brackets, each labeled **100-14**, are being fitted to the corners. Yellow arrows point to the four screws used to secure each bracket. The brackets are positioned at the corners where the sections meet.

The three brackets **100-14** are fitted to the remaining corner sections **93-3**, **95-5** and **100-5**. Again, secure these brackets in place using four 2.3x8mm screws **100-17** in each (yellow arrows).

**8**

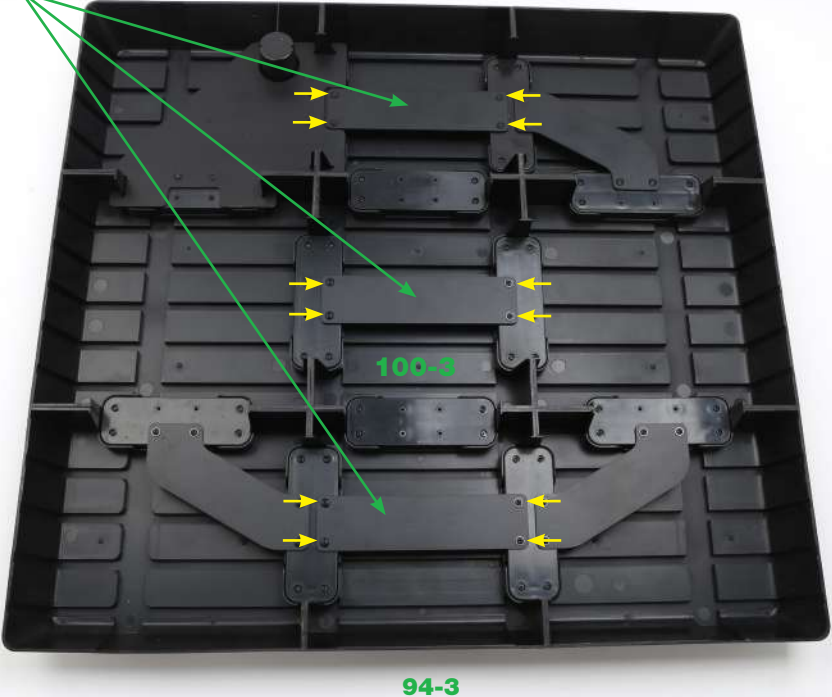
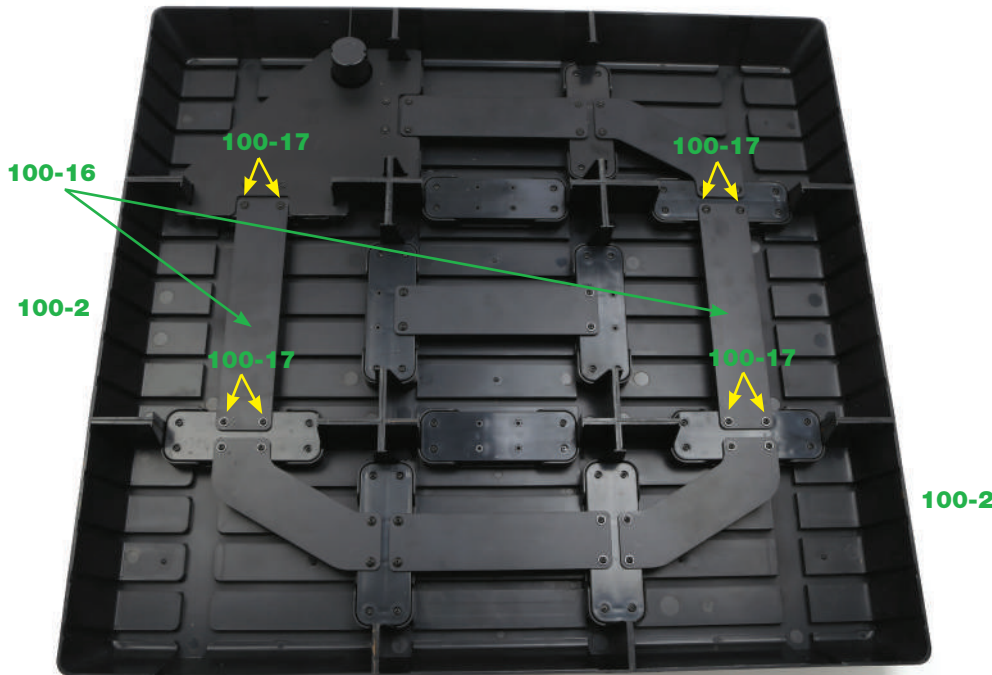


Diagram 8 shows the assembly of center brackets **100-15** on a black base plate. The base plate has three main sections labeled **94-3**, **100-3**, and **100-6**. Three brackets, each labeled **100-15**, are being fitted to the center of the base. Yellow arrows point to the four screws used to secure each bracket. The brackets are positioned in the center of the sections.

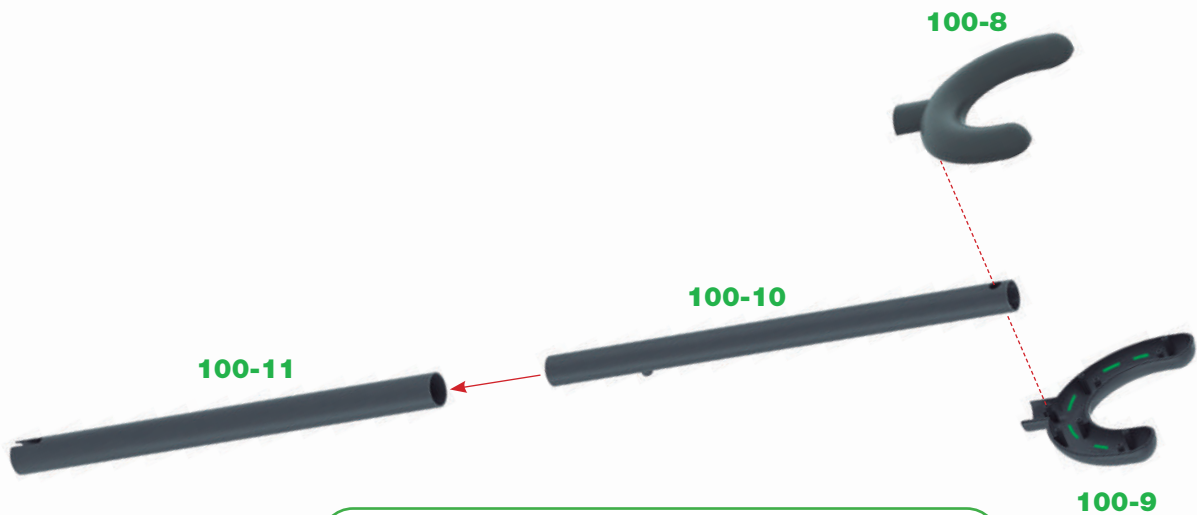
Next, the centre brackets **100-15** are fitted to base sections **94-3**, **100-3** and **100-6**. Secure in place using four 2.3x8mm screws **100-17** in the corner of each (yellow arrows).

## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL



The final brackets **100-16** are now fitted to the two base sections **100-2**. To secure these in place, use four 2.3x8mm screws **100-17** in the corner of each bracket (yellow arrows).

9

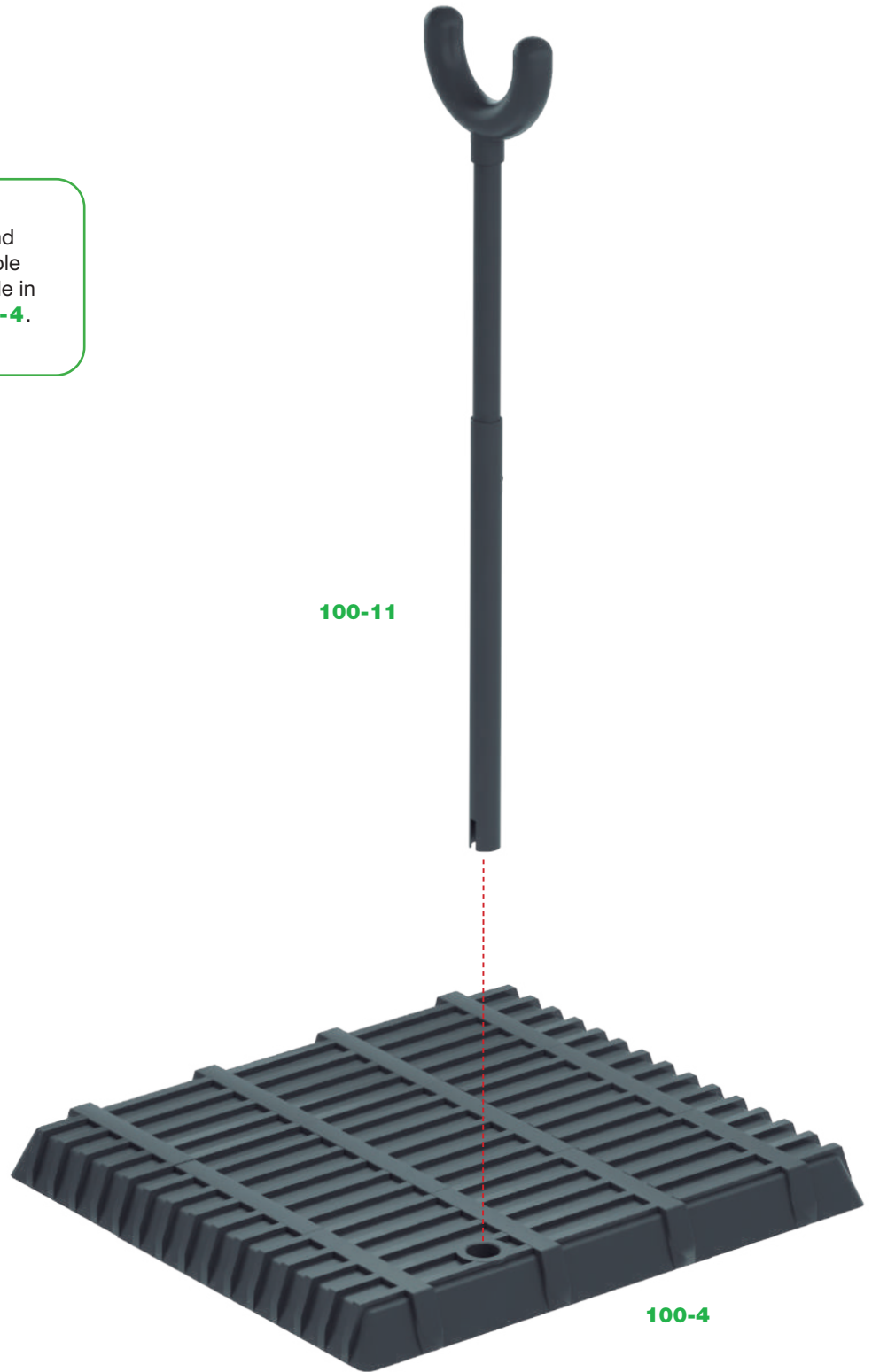


Fit the end of the Tail Support Pole **100-10** with the sprung peg into the non-notched end of Tail Support Pole **100-11** until the peg clicks into position in the first hole. Insert the central peg on Support Bracket **100-8** through the hole in the top of Tail Support Pole **100-10**. Align the raised sockets on Bracket **100-9** with those in Bracket **100-8** and after applying a little glue secure the bracket around the Tail Support Pole **100-10**.

10

## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

Insert the notched end of the Tail Support pole **100-11** into the hole in the top of Base **100-4**.



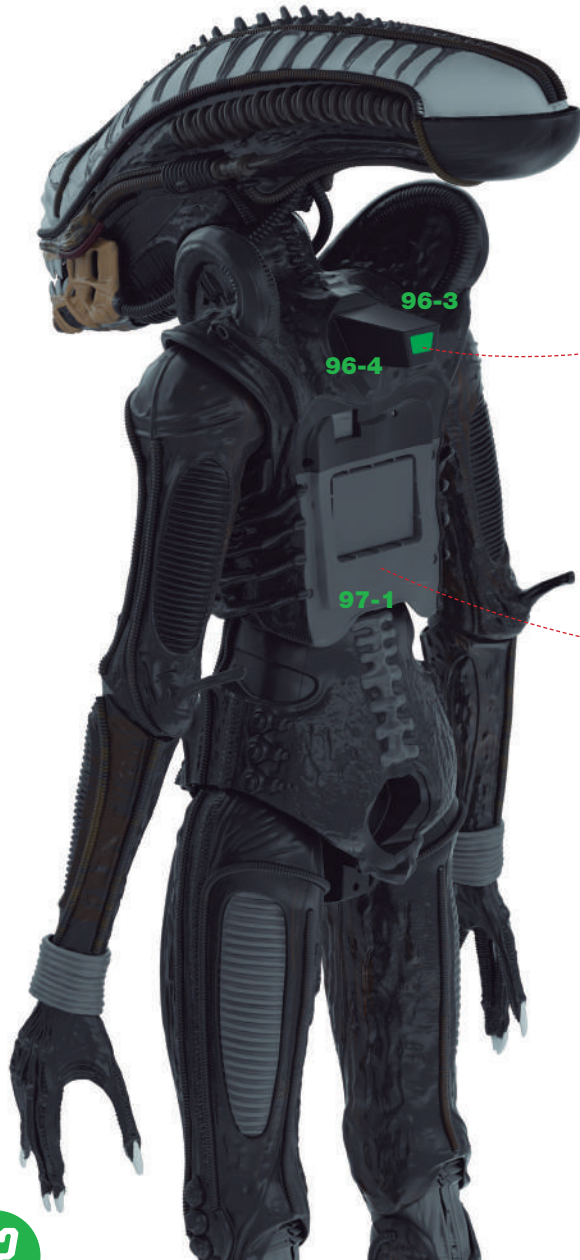
11



## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

Take the dorsal growth assembly **89-2/90-2**, that you assembled in Pack 12 - stage 90, and test-fit it onto the large peg formed by Back parts **96-3** and **96-4**. Once certain of a good fit, glue in place.

Next, take the dorsal assembly from Pack 12 - stage 89. This is fitted to the back part **97-1** and held in place by the previously fitted magnets. Once the dorsal growths have been fitted, make sure the head is positioned so that it doesn't hit them as it rotates.



90-2

89-2

96-3

96-4

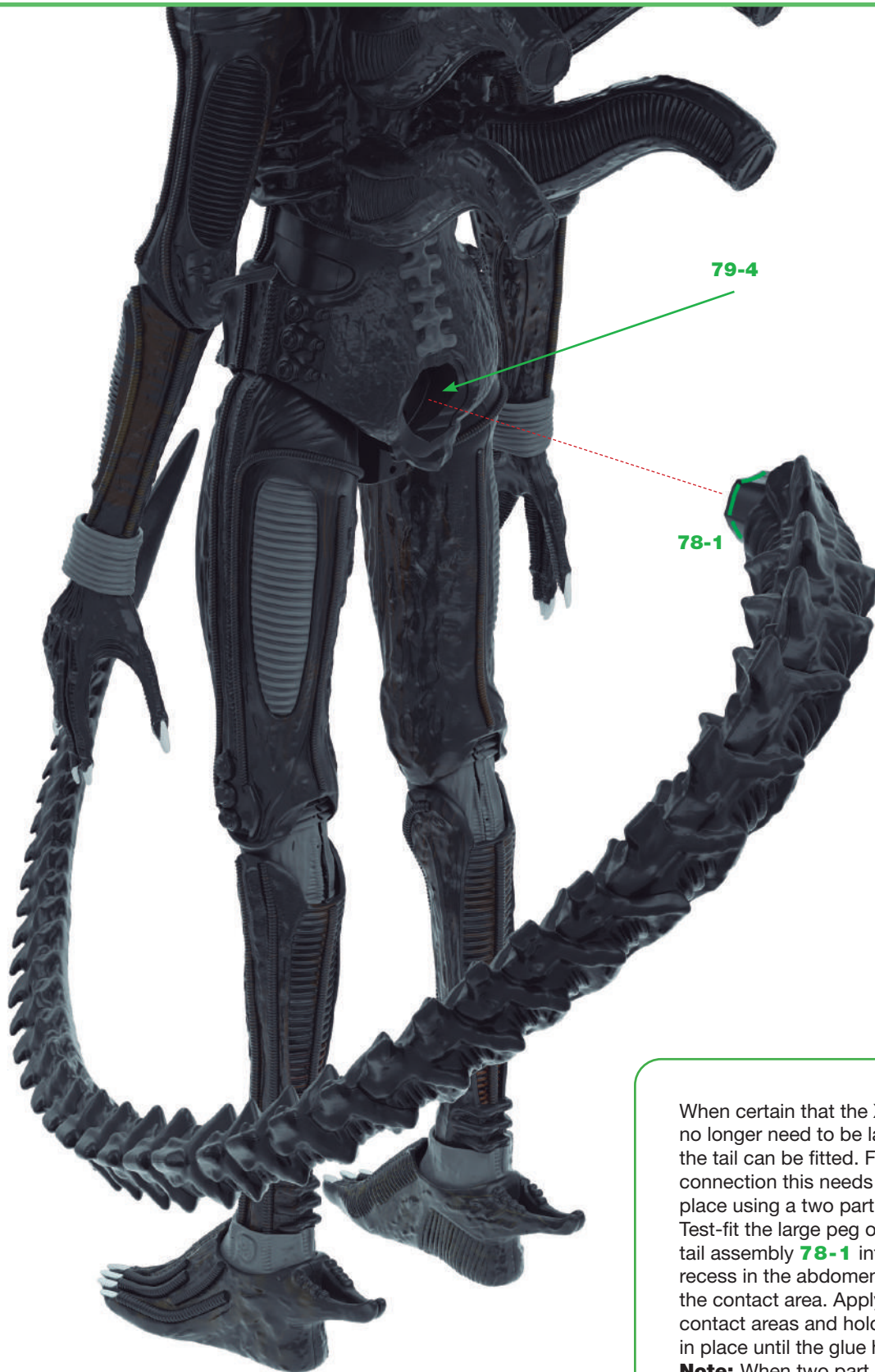
97-1

89-1



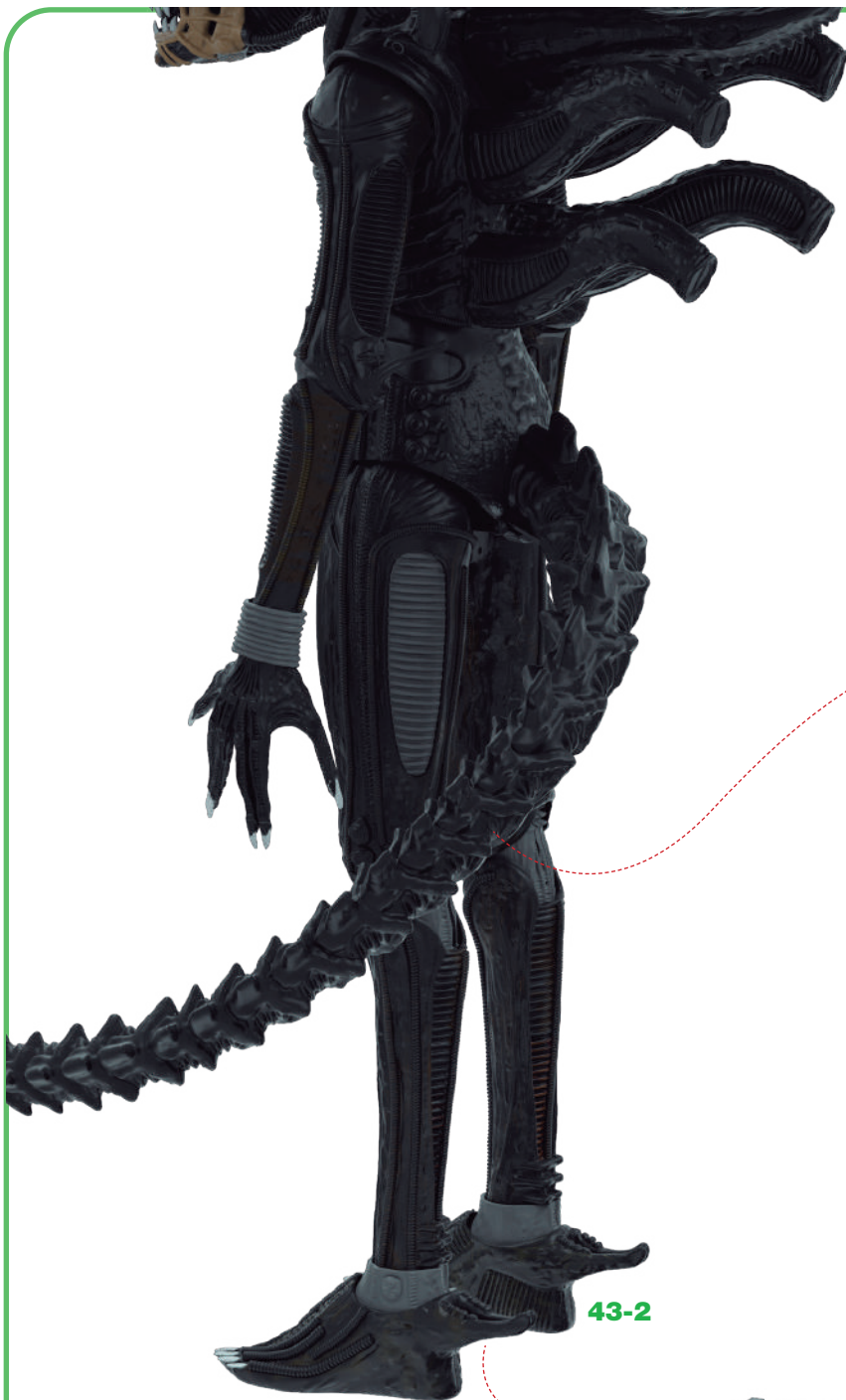
12

## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL



When certain that the Xenomorph will no longer need to be laid on its back, the tail can be fitted. For a strong connection this needs to be glued in place using a two part epoxy glue. Test-fit the large peg on the end of the tail assembly **78-1** into the matching recess in the abdomen **79-4** and note the contact area. Apply glue to these contact areas and hold the tail firmly in place until the glue has fully dried. **Note:** When two part epoxy glue is used, it will no longer be possible to remove the tail.

## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL



Place the base plinth on the floor making sure that the surface is flat and the base is stable. Carefully place the Xenomorph on the base so that the tail assembly **79-2** is resting within the Tail Support Bracket **100-8/100-9**. Study the picture of the completed model and if necessary, adjust the position of the arms and legs so that the model is more stable and secure.

**73-5**

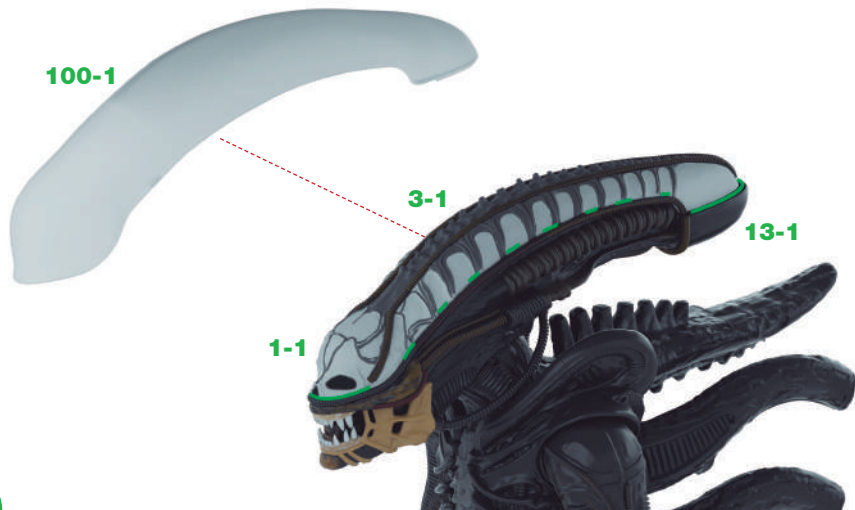
**43-2**





## STAGE 100: THE SKULL, THE BASE AND POSING THE MODEL

15



Complete the build by fitting the Upper Membrane **100-1** on top of the Xenomorph's head. Do not glue in place.

**PACK 13 AND STAGE 100  
ARE COMPLETE!**

### EXPERT ADVICE

The base has been constructed, dorsal growths attached to the back and the tail fitted in position.

Remember to model your Xenomorph in a terrifying position!

Having the arms forward, the legs further apart, and the knees bent slightly not only looks more terrifying, it may also help with the stability.

