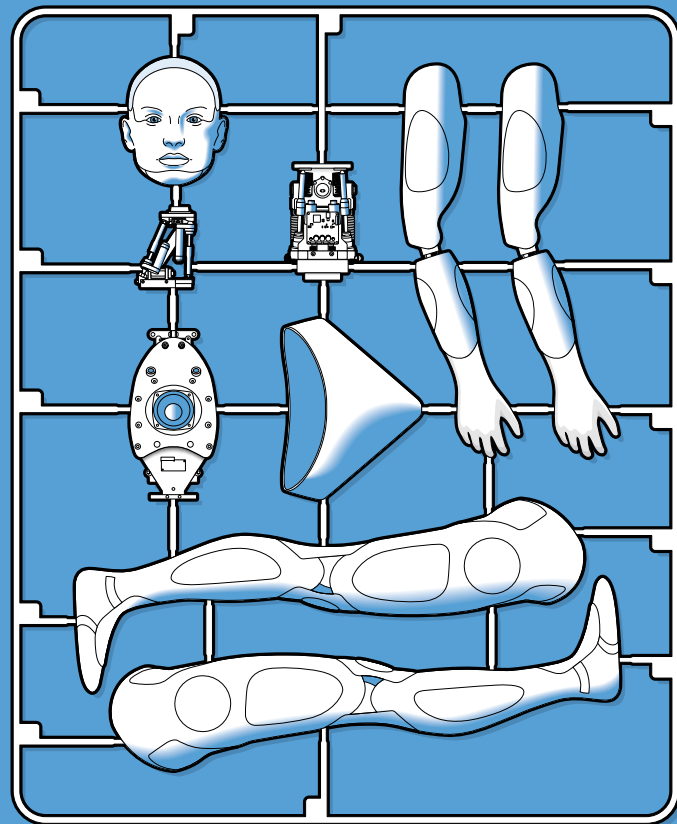


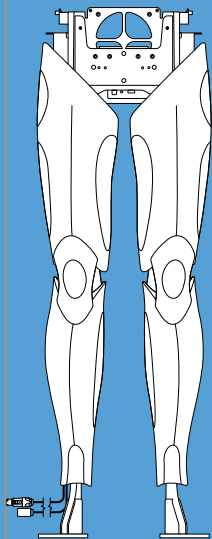
ASSEMBLY INSTRUCTIONS



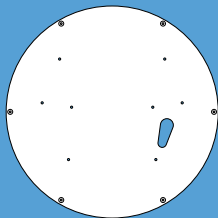
02 Contents



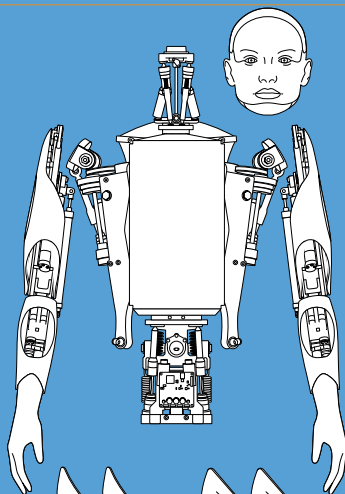
Two people needed
to assemble robot



Legs

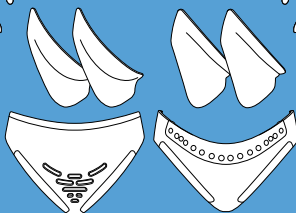


Base



Head

Torso



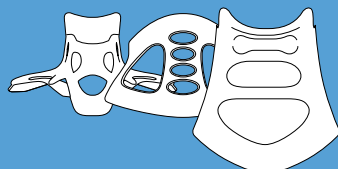
Torso
Shells



Feet
and
Ankle
Shells



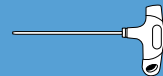
Silicones



4mm Hex key



T10



T20



Spanner 14mm



Spanner 22mm



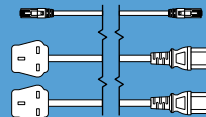
x8 - M6 16mm



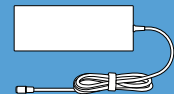
x4 - M3 12mm

Cables

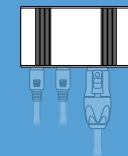
Ethernet



Mains power x2



Power supply unit x2

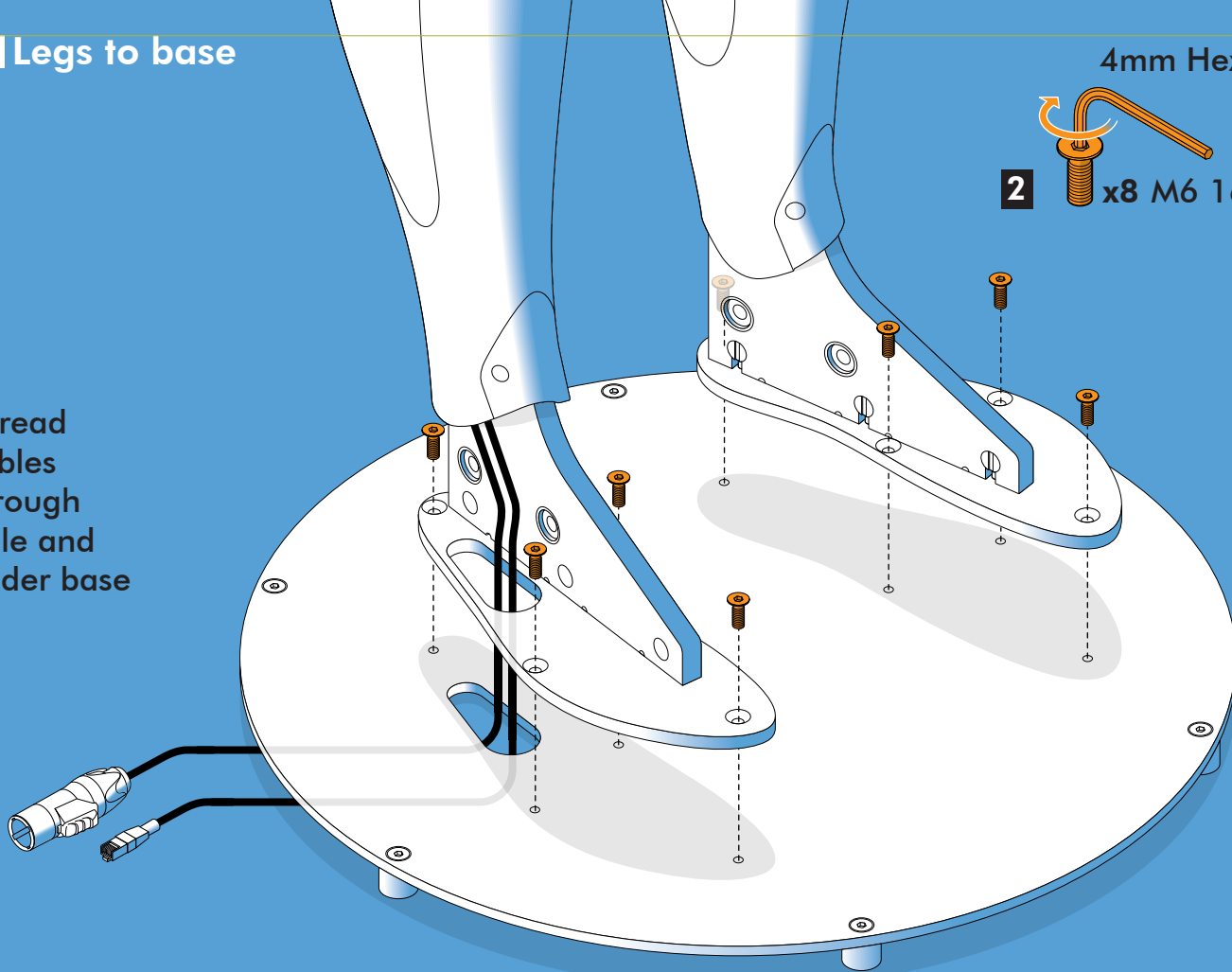


Power breakout box

03 Legs to base

1

Thread
cables
through
hole and
under base

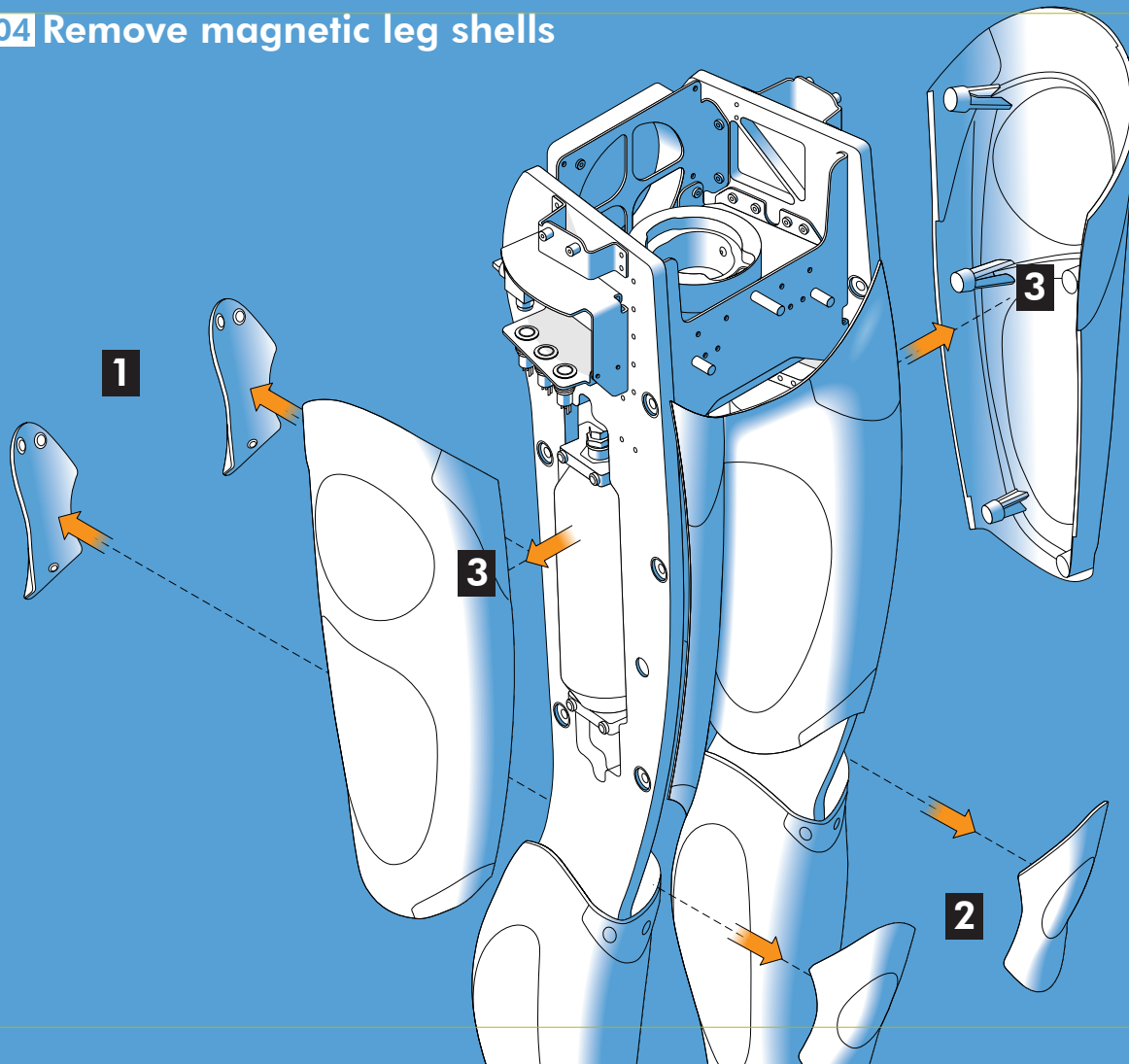


4mm Hex key

2

x8 M6 16mm long

04 Remove magnetic leg shells

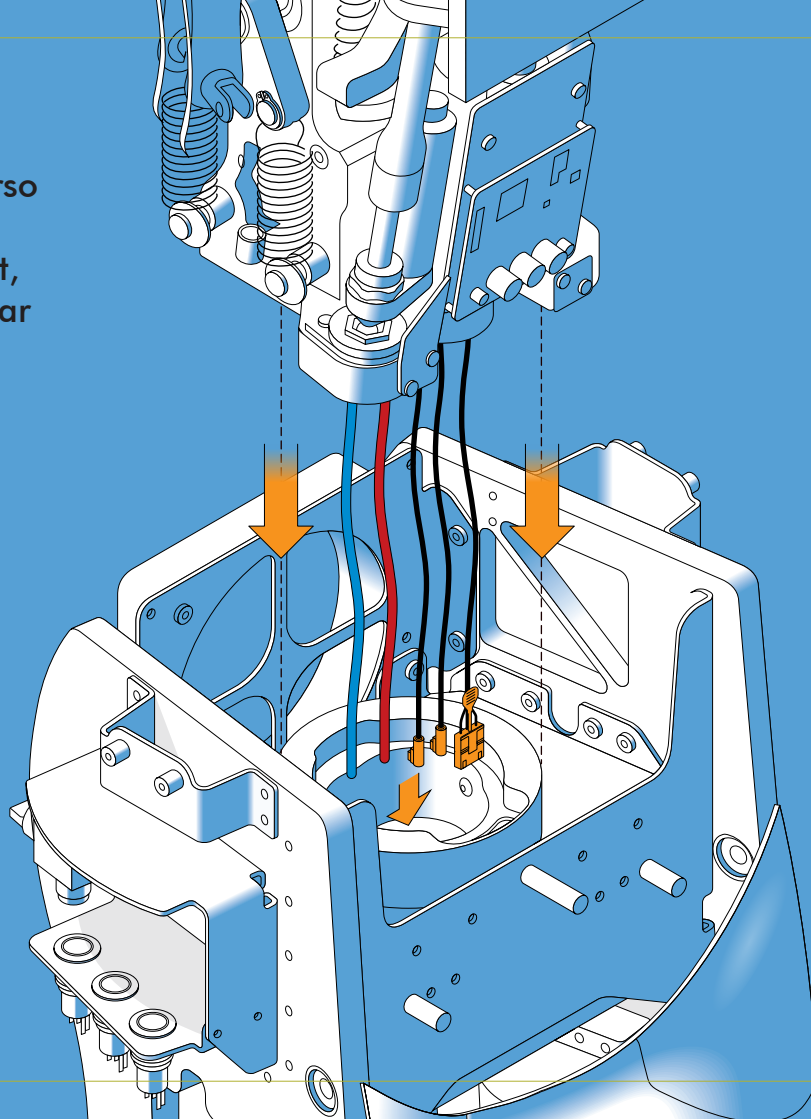


05 Attach torso

This step requires two people to steady the torso and feed the cables through the body socket, then out through the rear

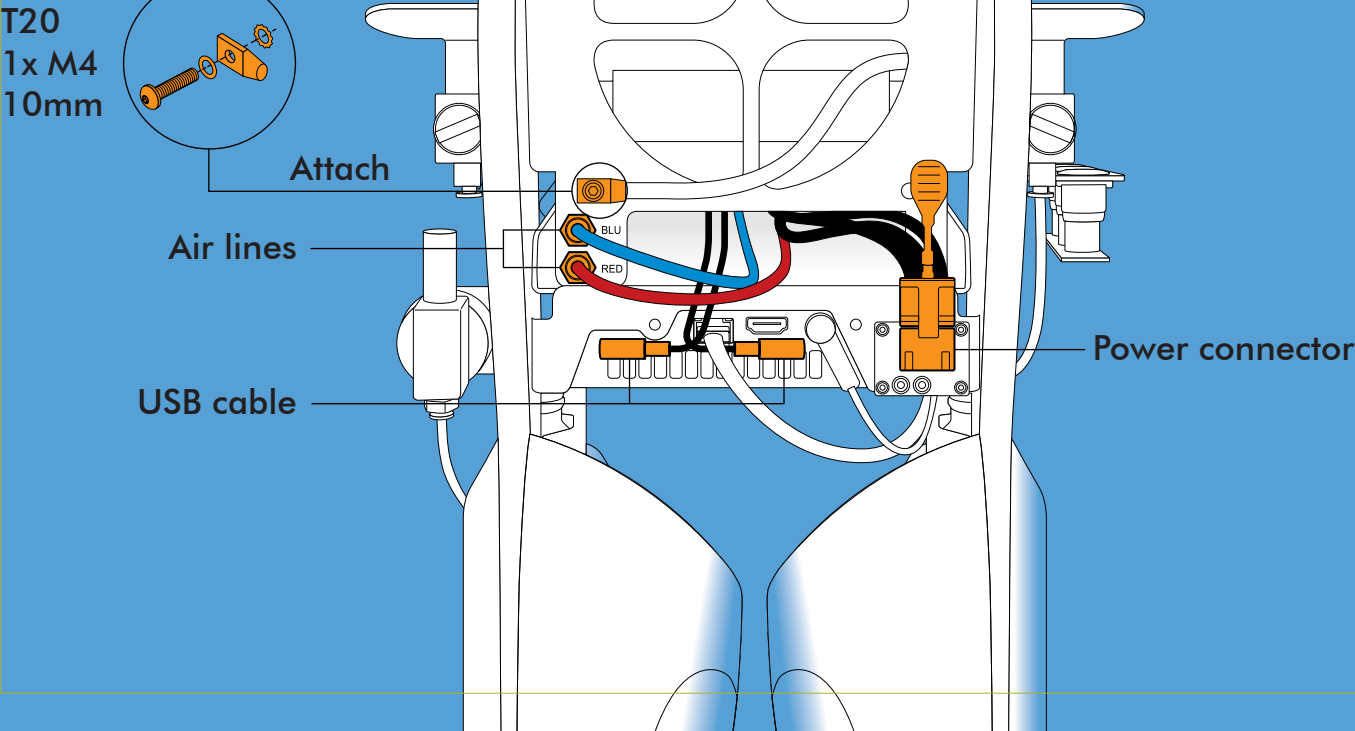


Be careful not to trap fingers in the socket



06 Connections

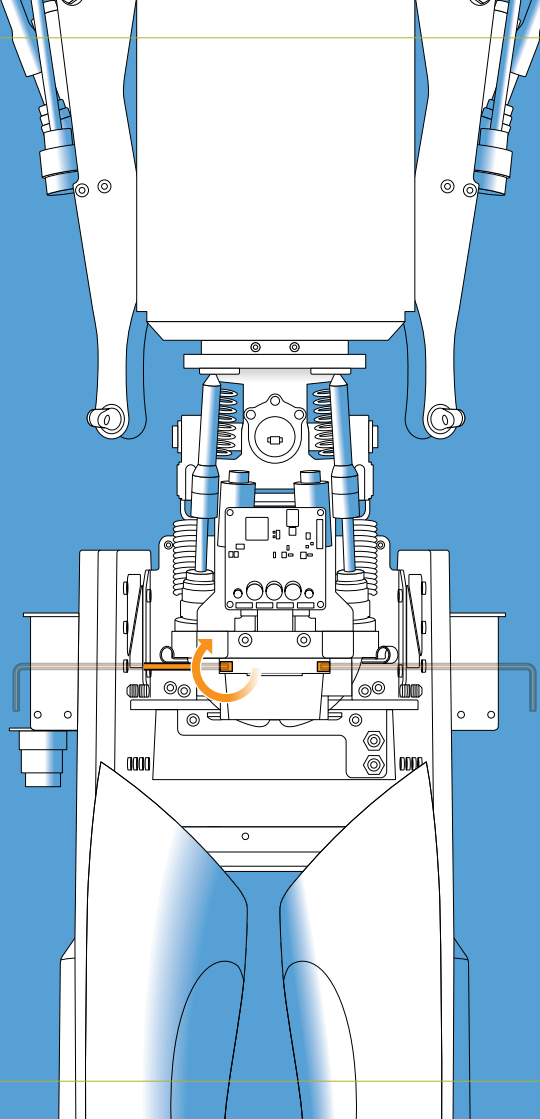
Plug in cables



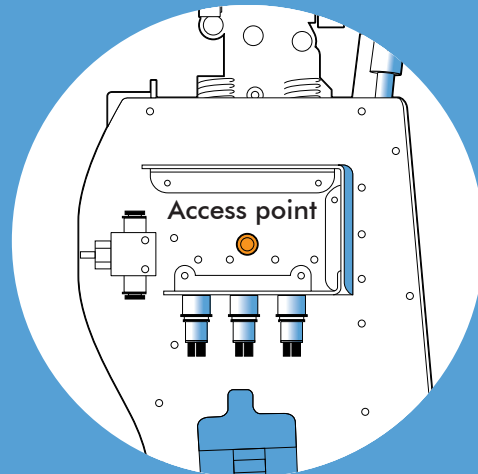
07 Secure torso

Tighten
retaining
screws,
both sides

4mm
hex
key

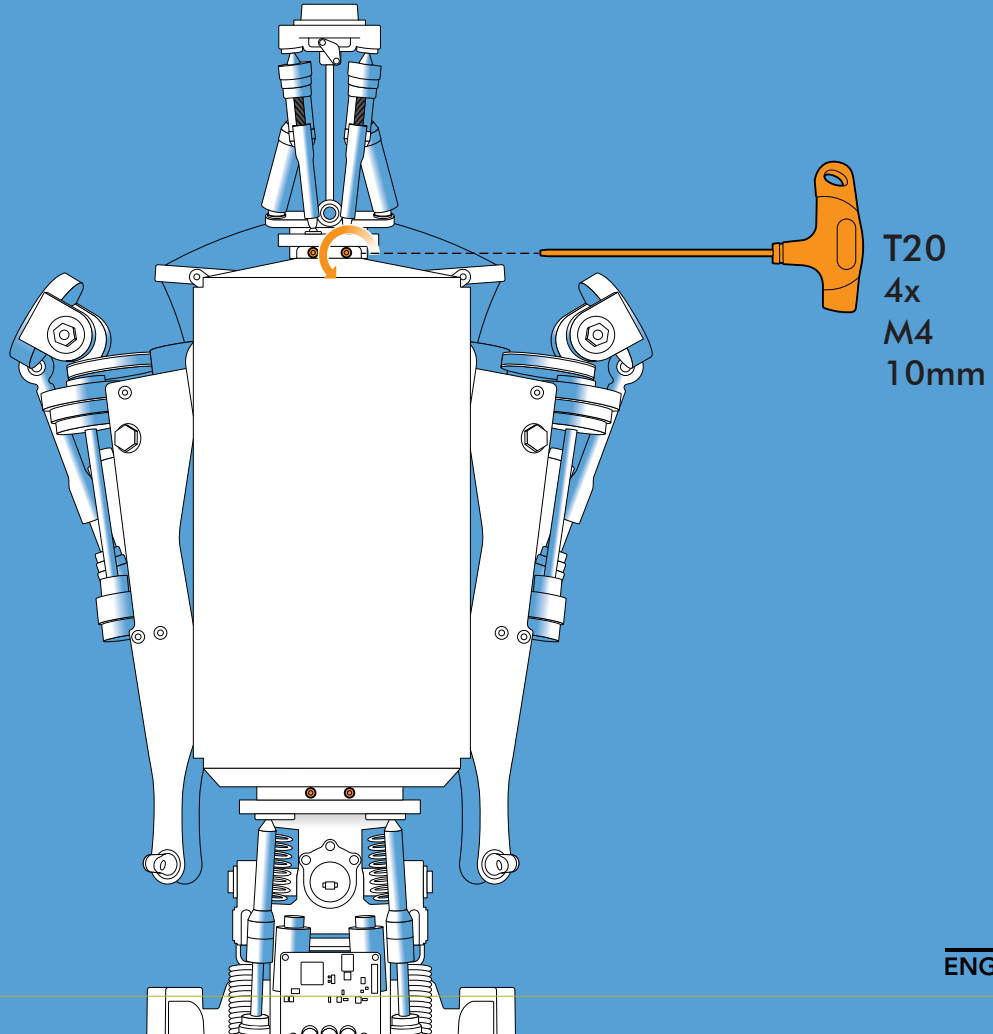


Side view

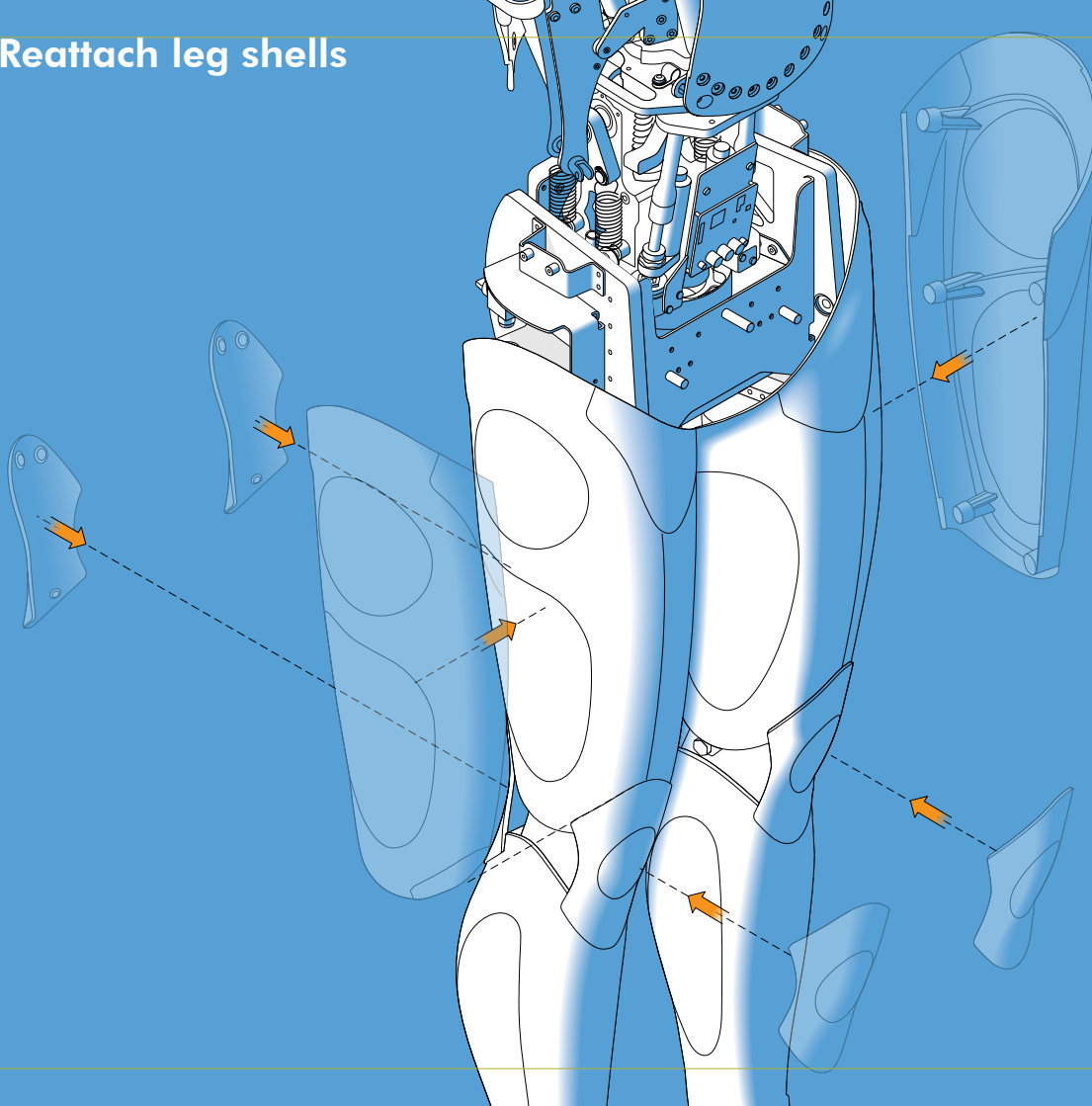


08 Remove shipping support

Depending on the packing method, your Ameca robot may not have a shipping support attached

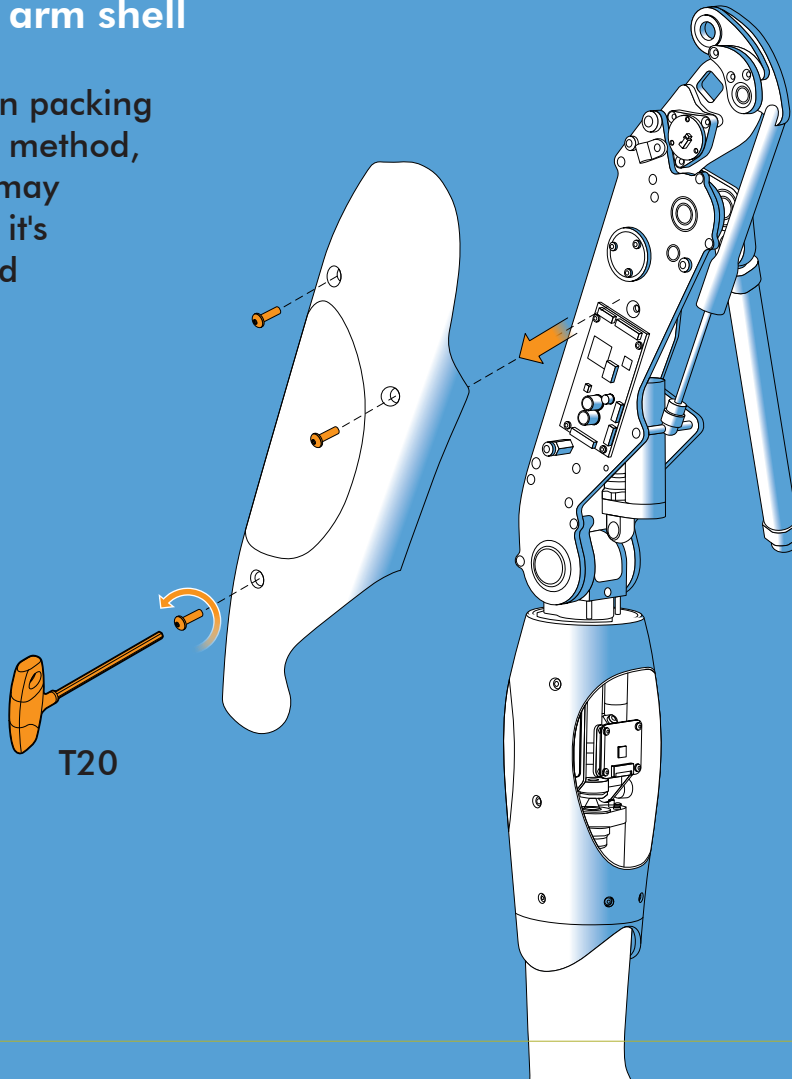


09 Reattach leg shells



10 Remove arm shell

Depending on packing and shipping method, your Ameca may already have it's arms attached



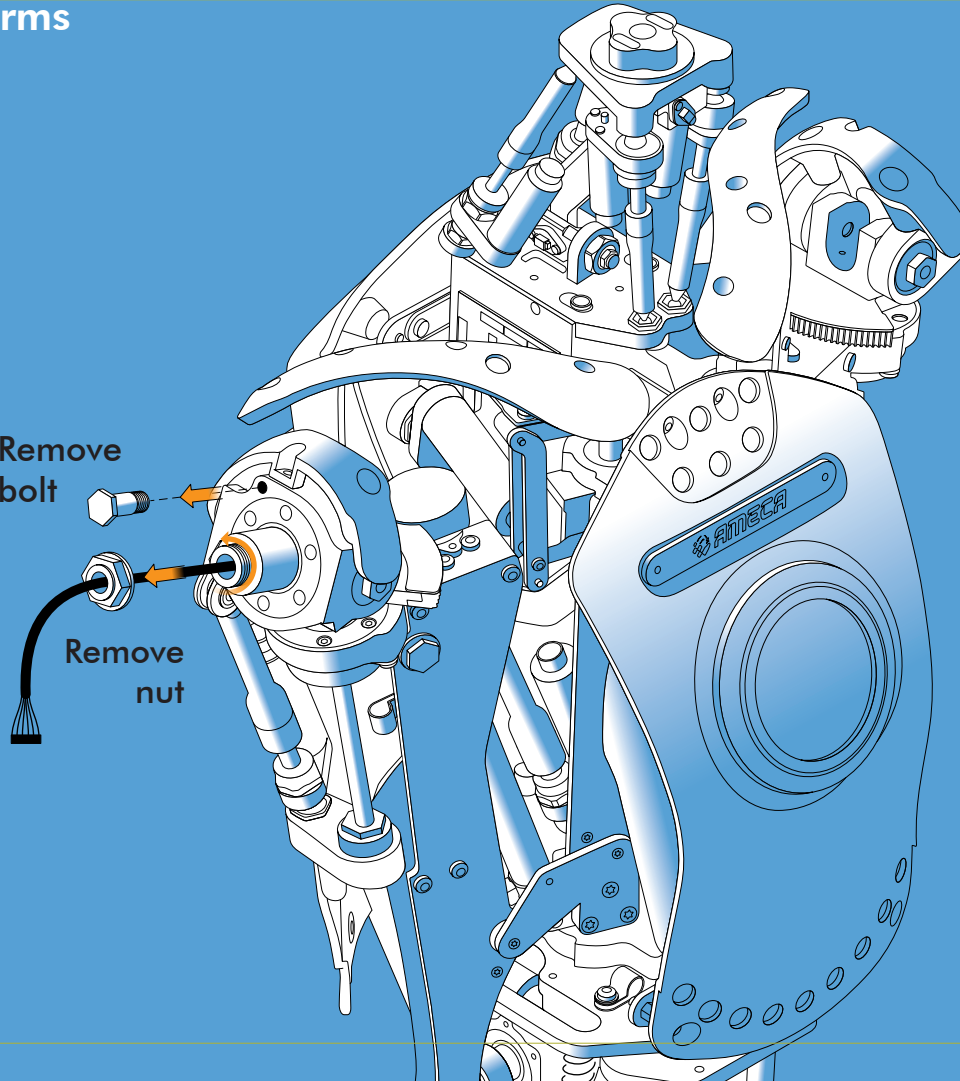
Repeat
on opposite
arm

II Attach arms

Repeat
on opposite
arm

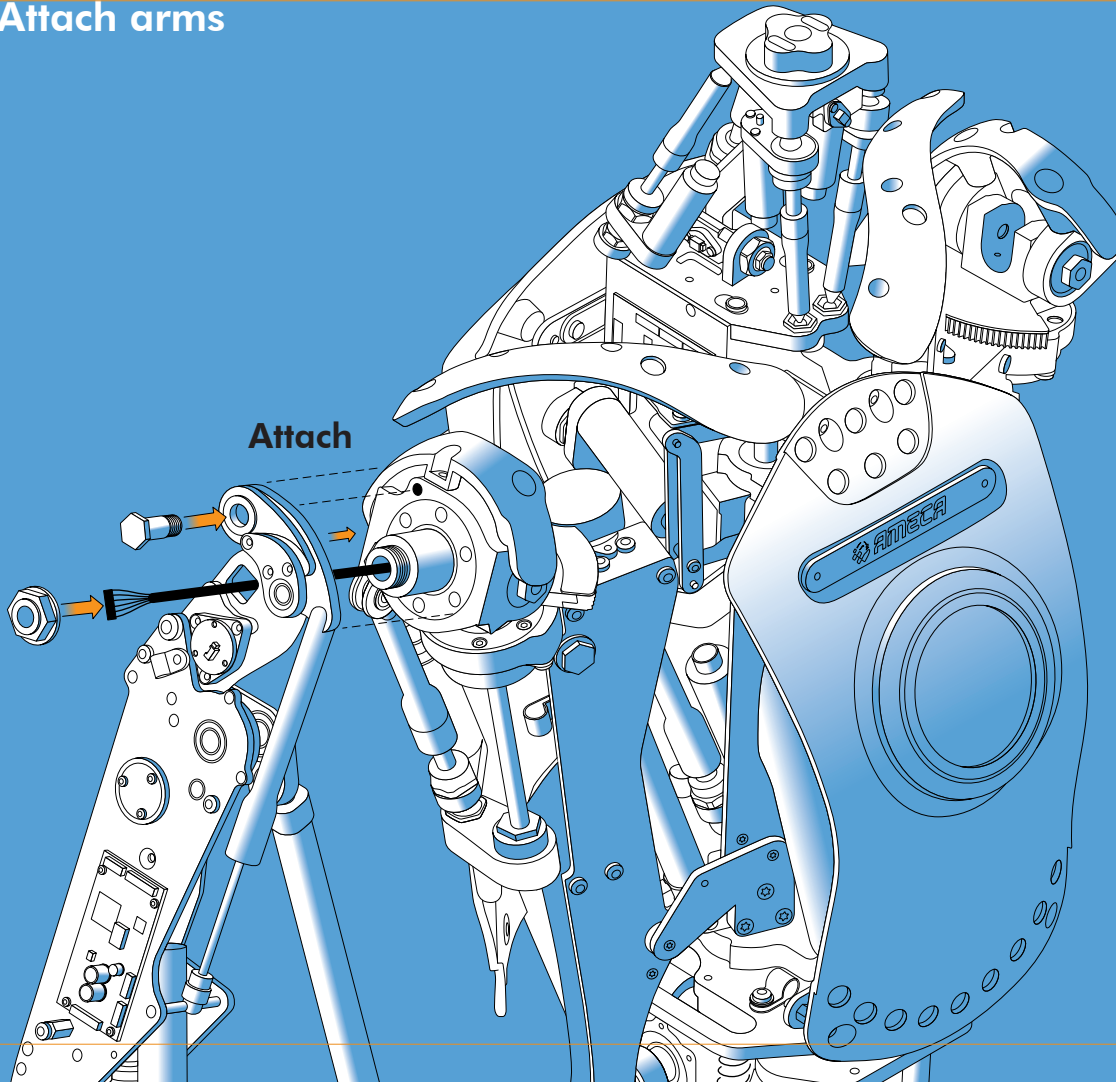
Remove
bolt

Remove
nut



12 Attach arms

Repeat
on opposite
arm



13 Attach arms

Repeat
on opposite
arm

Tighten



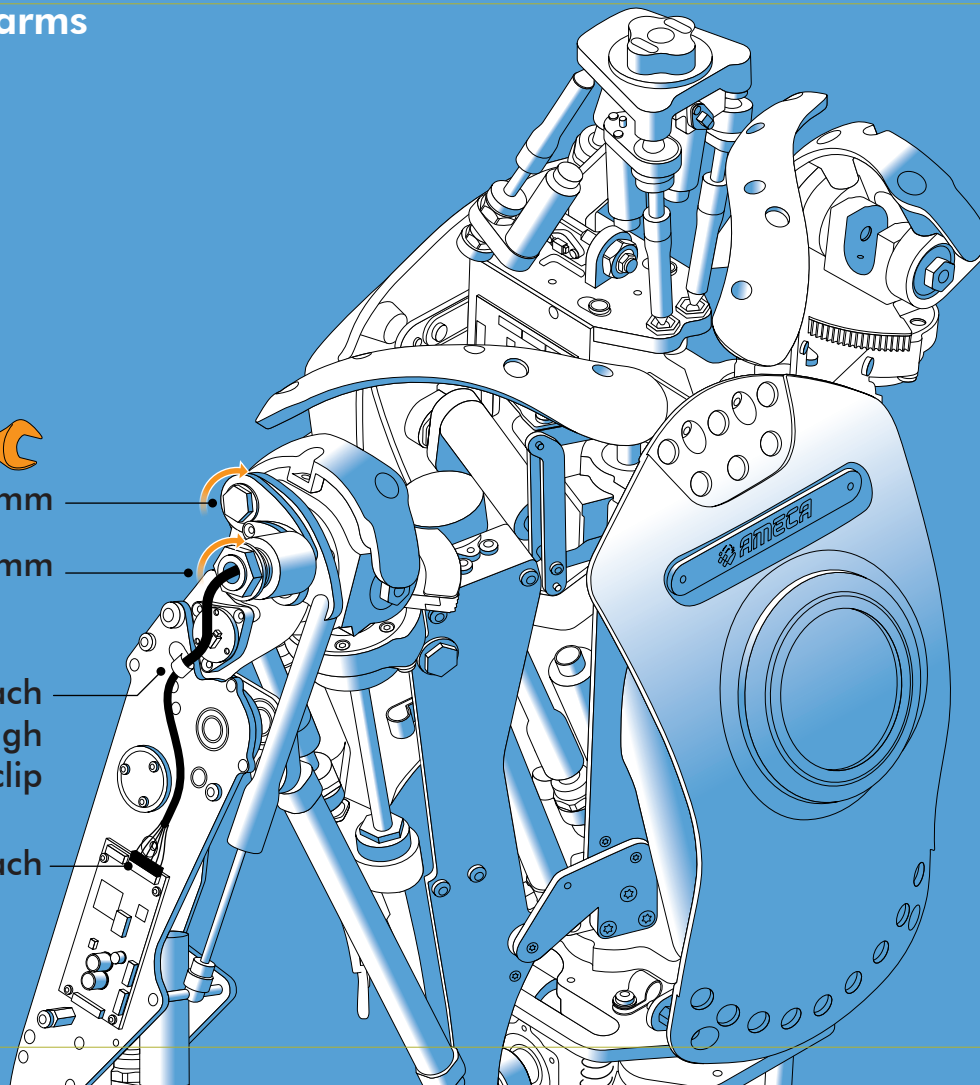
Spanner 14mm

Spanner 22mm

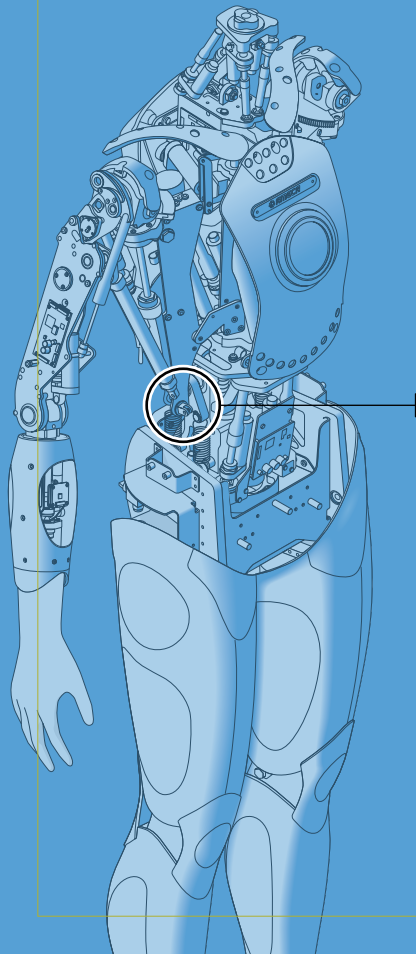


Attach
through
P-clip

Attach



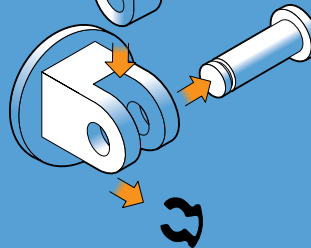
14 Attach arms



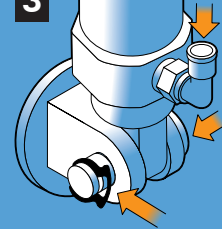
1



2



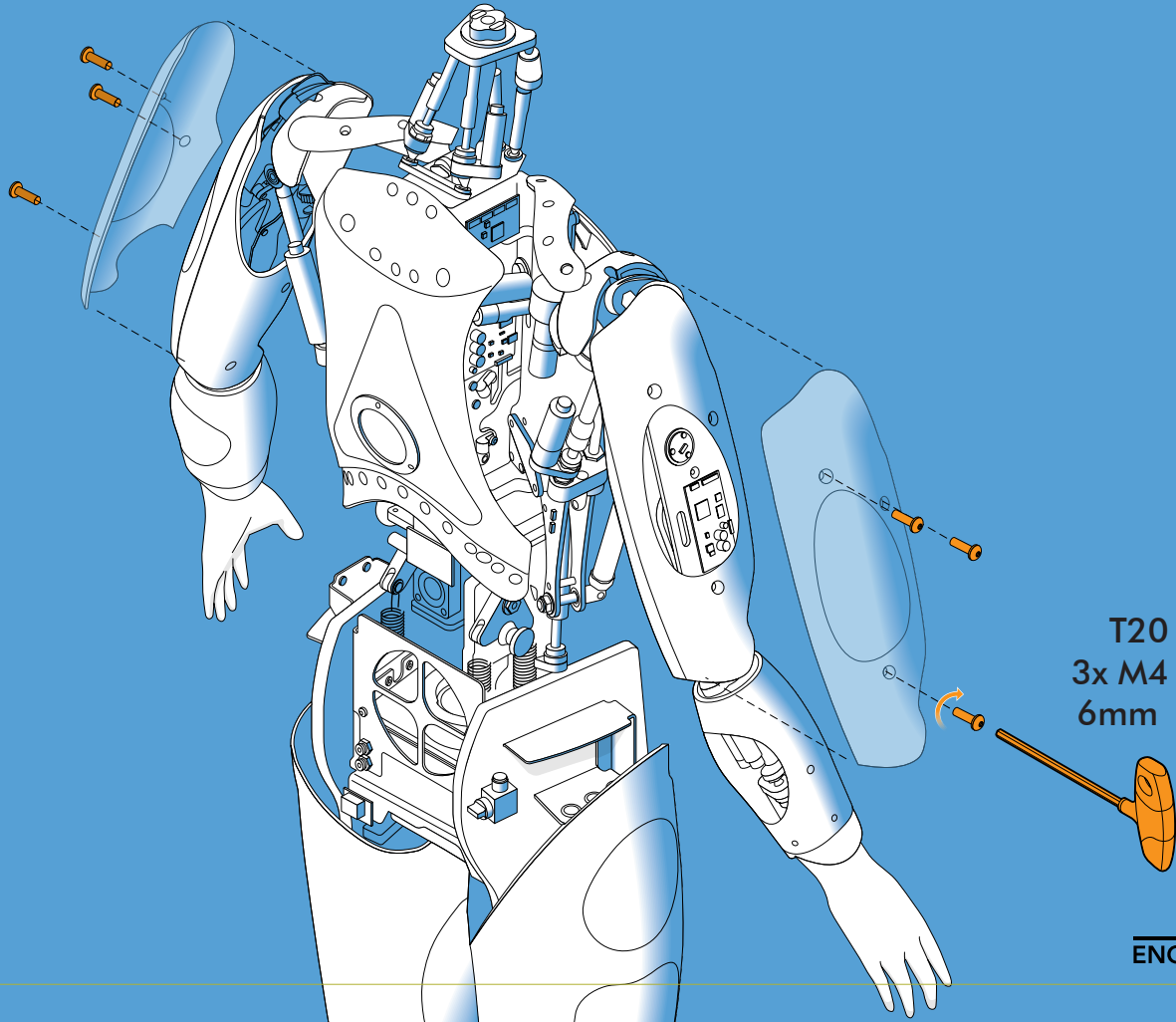
3



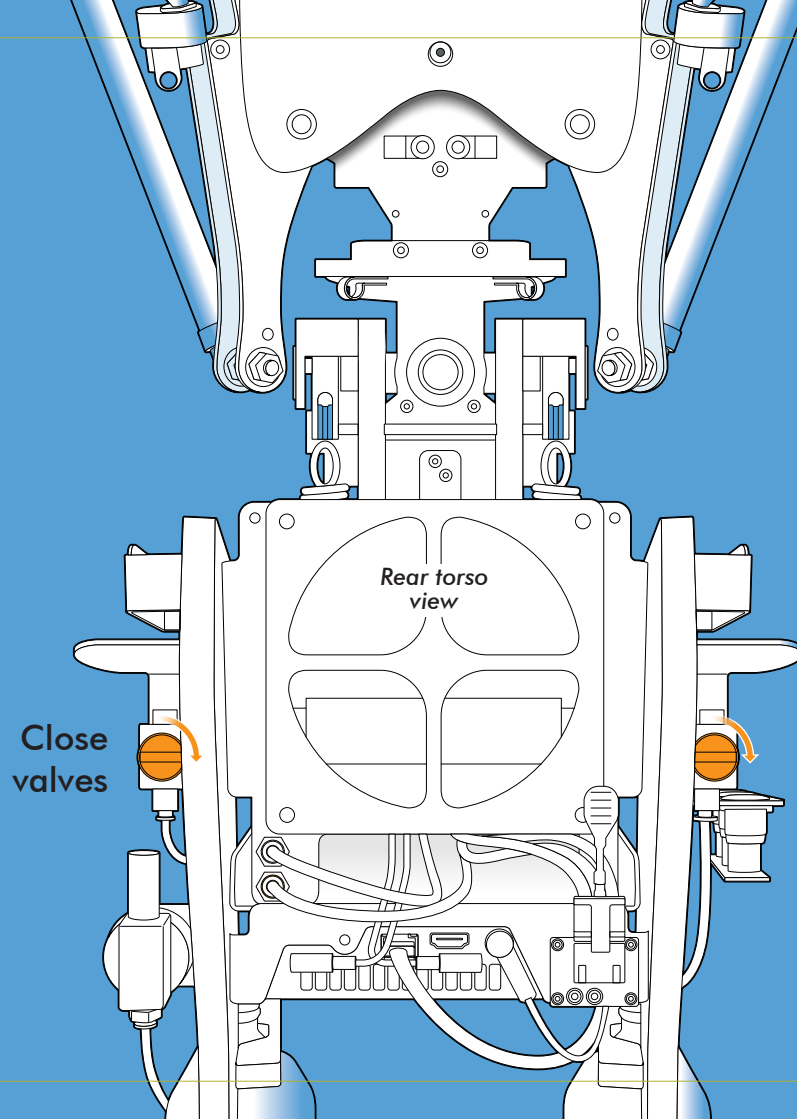
Attach
air lines

Repeat
on opposite
arm

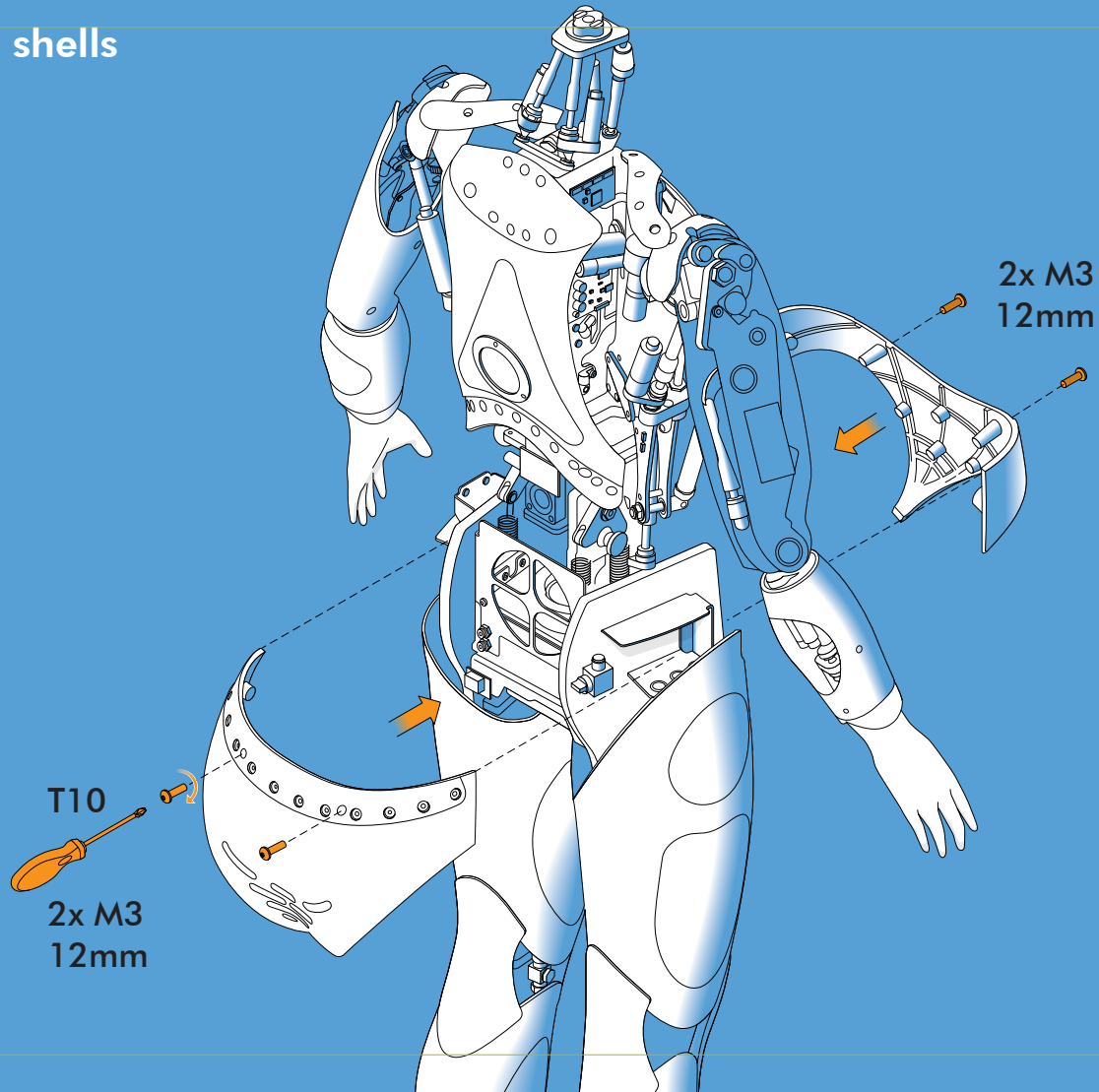
15 Attach arm shells



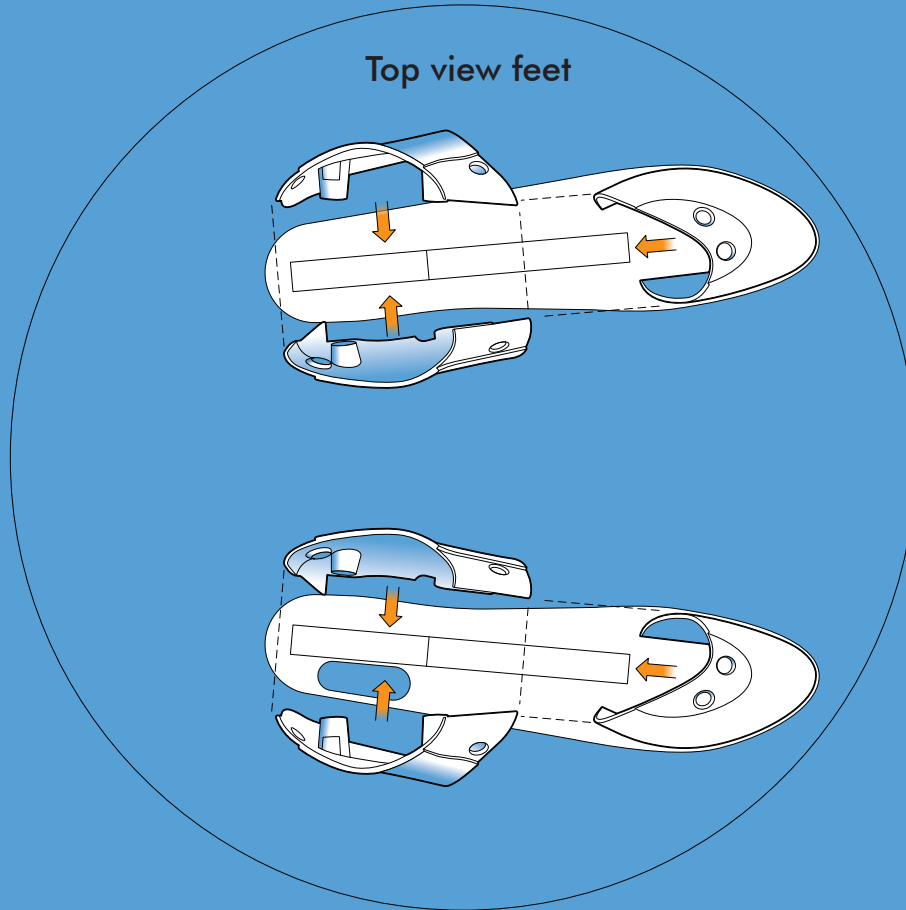
16 Air lines



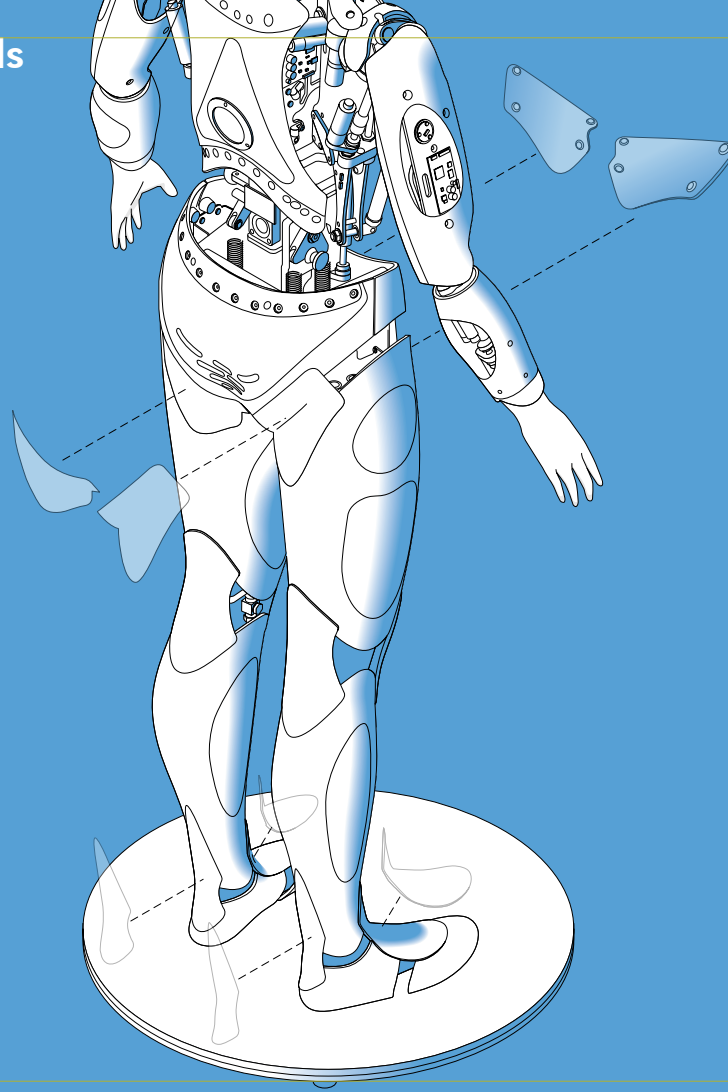
17 Attach shells



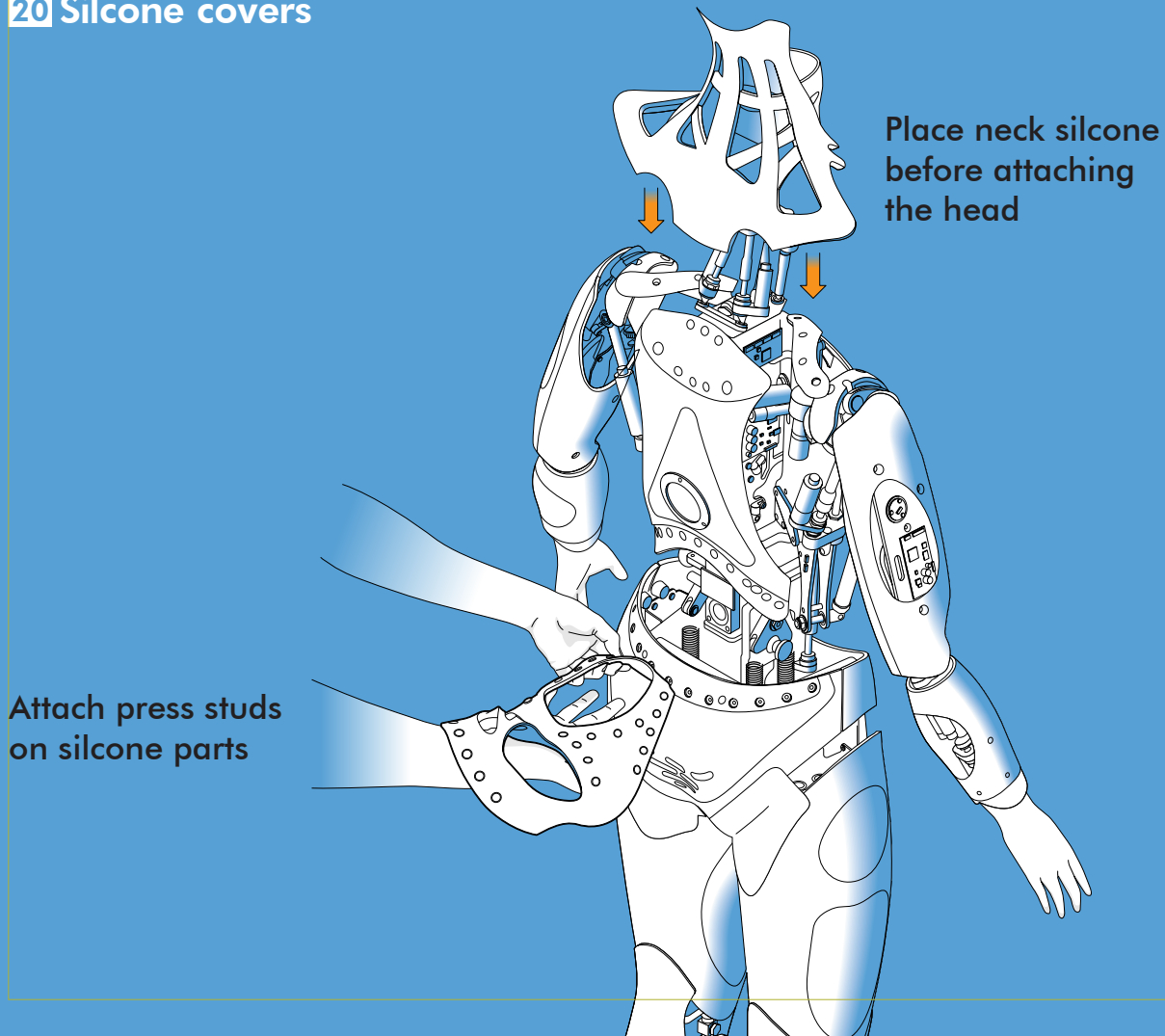
18 Attach magnetic feet shells



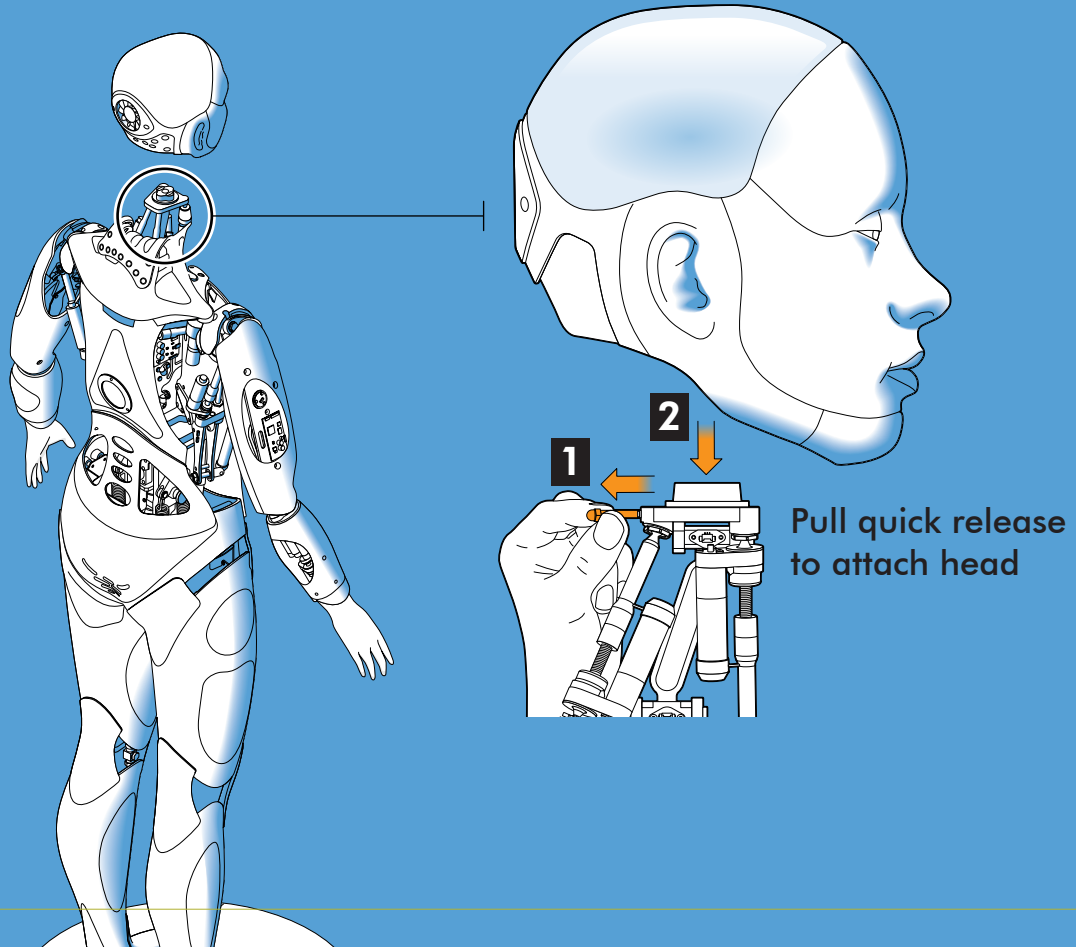
19 Attach magnetic shells



20 Silicone covers

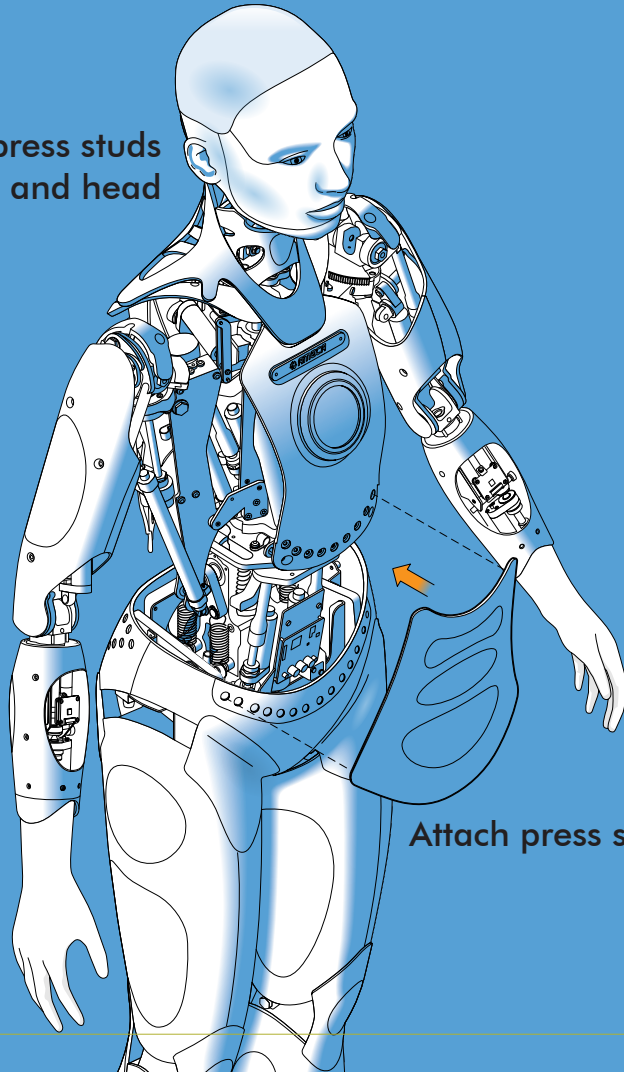


21 Attach head



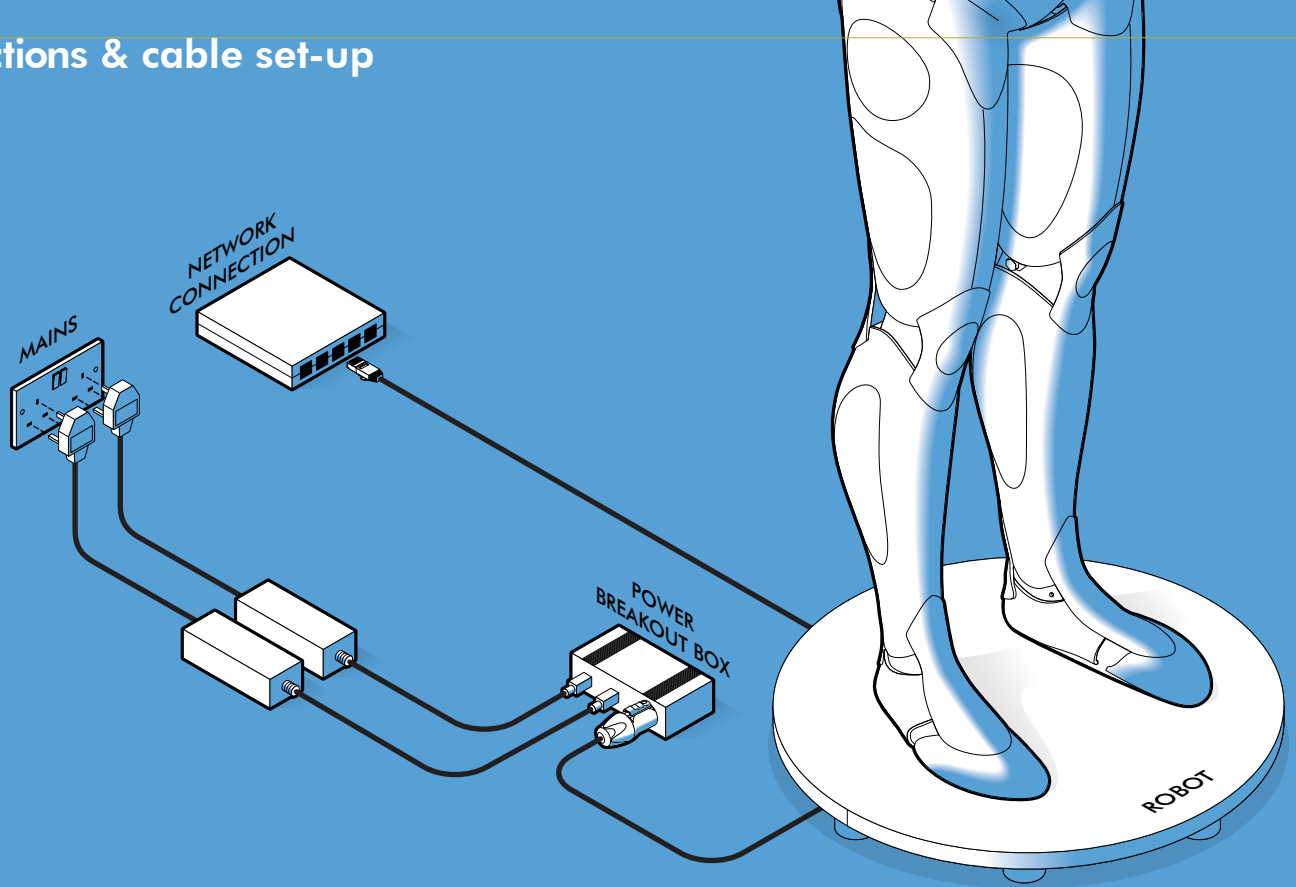
22 Silicone covers

Attach press studs
around neck and head

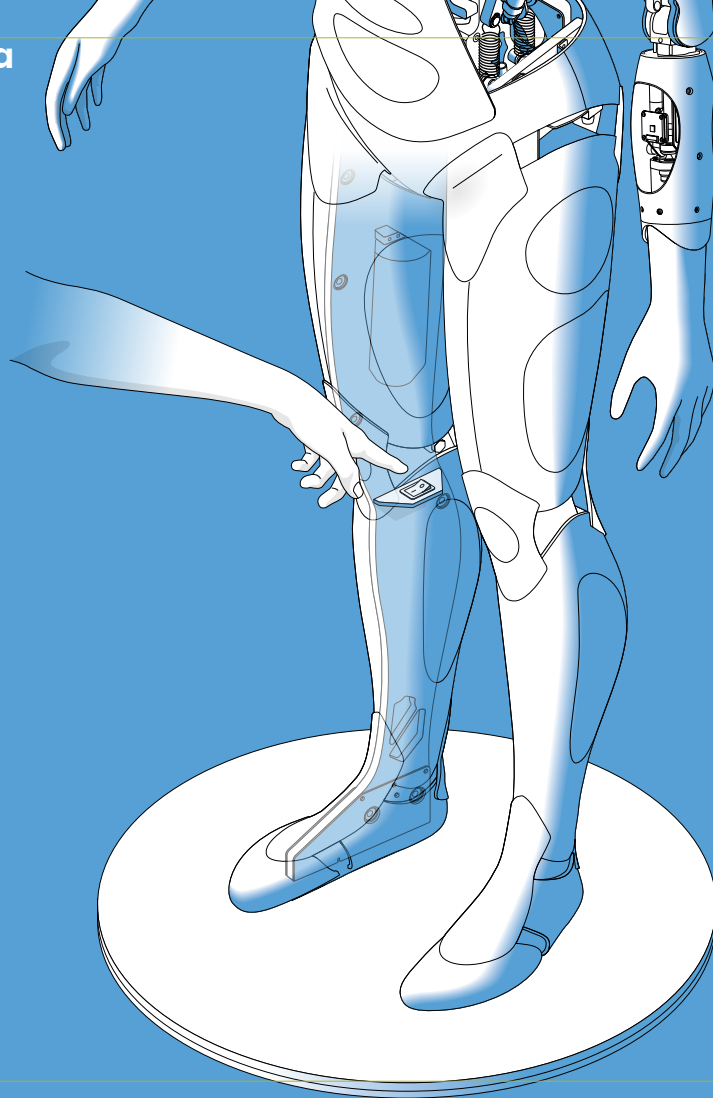


Attach press studs

23 Connections & cable set-up



24 Power up my Ameca



25 Safe use of Ameca

1 Risk of injury

Please make sure hands, hair or any loose clothing are not in the area marked in red during Ameca's operation

2 Internal use only

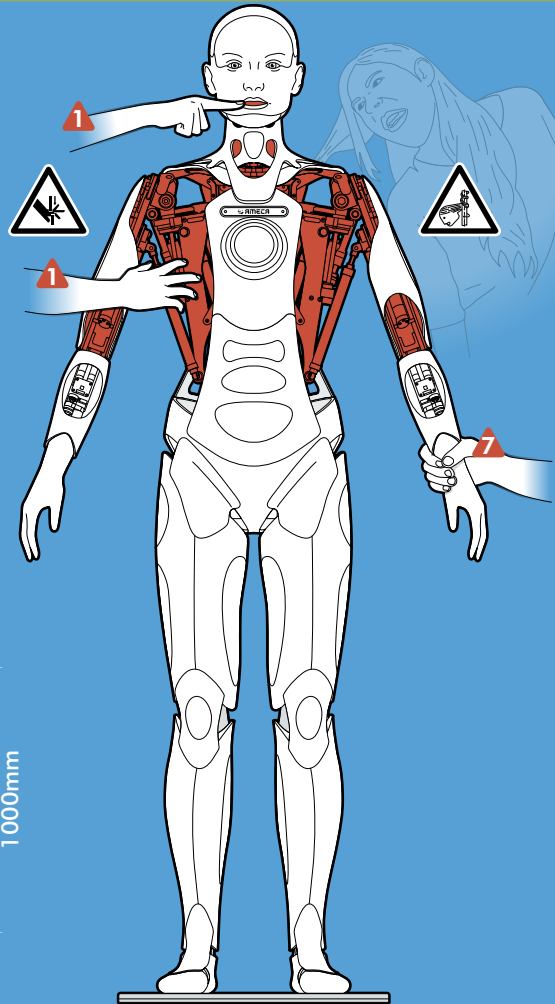
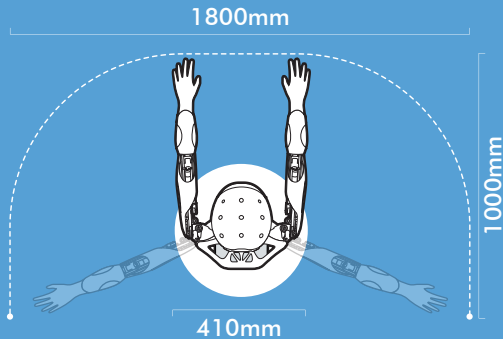
Ameca is designed for indoor use only

3 Direct sunlight and UV

Avoid exposure to any sources of UV light, including direct sunlight

4 Maintain a safe working distance

If required, make sure a barrier prevents visitors from coming into contact with Ameca



5 Drinks/Liquids

Please make sure no liquids come into contact with Ameca

6 Trip hazard

Please make sure cables are secure and don't cause a trip hazard

7 Touching and holding

Please make sure Ameca's movements are not restricted in anyway

8 Secure base

Please make sure the feet/legs are securely attached to the base and, if necessary, the base attached to the floor

9 Covering

Do not dress Ameca with clothing or cover any part of the robot whilst it is in operation

26 Contact details

☎ +44 (0) 1326 378129

✉ info@engineeredarts.co.uk

For support:

<https://wiki.engineeredarts.co.uk/Ameca>

Engineered Arts Limited
E1-E3 Church View Business Park
Bickland Water Road
Falmouth
Cornwall
TR11 4FZ
United Kingdom



www.engineeredarts.co.uk/robot/ameca/



<https://www.facebook.com/AmecaTheRobot/>



<https://twitter.com/AmecaTheRobot>



www.youtube.com/engineeredarts



www.instagram.com/amecatherobot



discord.com/channels/1013715516067692564