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DALEK

ISSUE 46



ADVENTURES IN TIME AND SPACE: THE POWER OF THE DALEKS – PART 5

3

The Daleks' plan to conquer the colony nears completion.



ANATOMY OF A DALEK: GENETICIST DALEK

6

The Geneticist Dalek is capable of manufacturing an army of Daleks!



STEP-BY-STEP BUILD: PART 46

8

Further base frames, adapting pieces and fixing screws.

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BBC



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THE POWER OF THE DALEKS

PART FIVE

The Daleks secretly increase their number, and are poised to take over the colony.

Season 4 Episode 13
First Broadcast:
3 December 1966

Lesterson enters the capsule. He spies three more Daleks inside, working on a Dalek production line. They are cloning Dalek mutants and placing them inside a row of Dalek casings. Lesterson is terrified but cannot look away as he watches the Daleks'



numbers grow before his eyes. He clutches his mouth to stifle a scream. They appear on a conveyer belt. "Dalek Nine complete," a Dalek states. "Dalek Ten complete. Dalek Eleven complete."

As the new Daleks are born, they all make the same statement: "We are the new race of Daleks." They chant this again and again, their voices growing louder as their numbers increase...





Lesterson staggers out of the capsule and closes its door. Janley finds him. "They're making themselves!" he gasps. He shuts off the Daleks' power supply. Lesterson says that he'll use laser torches to melt the Daleks down to pools of metal. He no longer cares about Janley's attempts to blackmail him. Janley leaves the laboratory. Lesterson picks up a phone and discovers that the Doctor has been locked up. He is surprised when a Dalek glides out of the capsule. "We can store power," it

explains, "We will soon have our own." Lesterson flees in terror. Another Dalek joins the first. "No more than three Daleks to be seen together at any one time," the first Dalek commands. Lesterson runs down a corridor and stops to talk to a guard. He frantically races off, searching for the Doctor.

Janley returns to the laboratory with Kebble and their captive, Polly. Janley is still confident that the Daleks will aid her and the other rebels in taking over the Vulcan colony. Polly tells her she's a fool. Kebble pushes her into the Dalek capsule. The first Dalek explains to Janley that the Daleks need a power cable to encircle the colony so that they can convert its energy into static electricity.

The Doctor sits in his cell, running his finger around the rim of a glass. He is trying to create the correct tone that will trigger the sonic lock on his cell door. Quinn, stuck in the next cell, dismisses his claim that the Daleks will use static electricity for their power source. Lesterson bursts into the prison area. Lesterson screams at the Doctor, telling him about the Daleks duplicating themselves. He is dragged away. The Doctor calmly asks a guard for some more water. He resumes his attempts with the glass rim.

Lesterson is taken to Bragen's office. He stares at a Dalek in the room that is holding a power cable. The Dalek claims to be following Lesterson's orders. After it leaves, Lesterson asks Bragen to call the Governor back to the colony's capital. "We're all in terrible



danger!" Lesterson cries, "The Examiner was right!" Janley arrives and pretends that Lesterson had agreed to go to the hospital. Lesterson can't make Janley and Bragen see the threat that the Daleks pose. He is taken away.

Inside the Dalek capsule, Valmar works on a device. An angry Polly watches him. Kebble enters with a power cable. Valmar becomes interested in Polly's claims that the Daleks are dangerous and will turn on the humans. "It's a kind of hatred for anything unlike themselves. They think they're superior," she says. She explains that the Doctor is not the real Examiner.



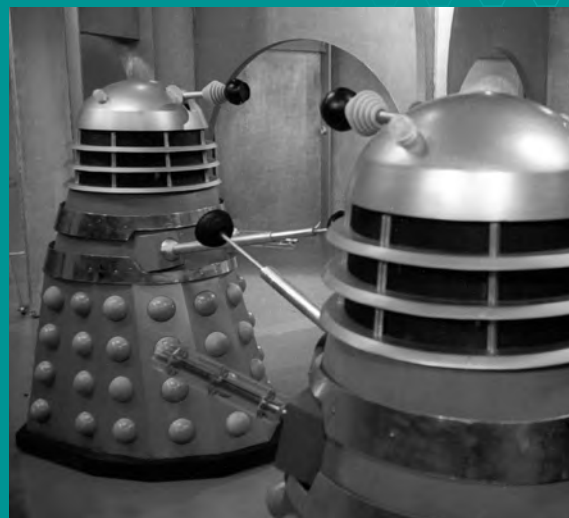
POWER DESIGNER



Derek Dodd was the designer of *The Power of the Daleks*: "Because of the sort of unit nature [of the sets], I was inspired by Meccano, the construction kits you could get as a child. And also the influence of *Metropolis*, the Fritz Lang film, and [William] Cameron Menzies' *Things to Come* which had a marvellous montage sequence of industrialisation." Dodd gave Lesterson's laboratory added depth in a clever way: "The

gantries seen through the back window were actually a photo blow-up of a stock steel factory in Sheffield, I think." The Dalek capsule presented challenges for both Dodd and the Dalek operators: "The difficulty with the spaceship was that spaceships tend to be round and rocket-shaped, and Daleks couldn't go up stairs, so to get them in and out of the rocket ship was quite a difficulty. So I had to create a fin on the rocket ship so they could go up the gradient of a ramp to get inside. And in the end we had to cheat it because however hard the little legs of the people inside worked, they didn't always quite achieve the gradient to get inside the rocket ship."

DALEK MUSIC

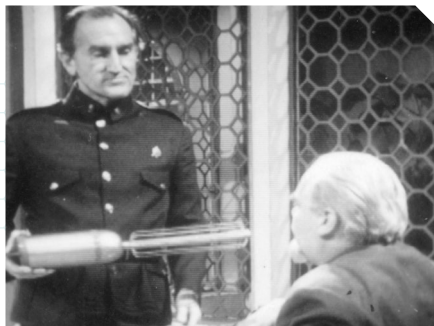




Governor Hensell returns to the colony capital and sees a Dalek laying the power cable. He encounters one of Bragen's guards and demands to know what has been happening in his absence.

Back in the cells, the Doctor succeeds in unlocking the cell doors. Quinn is able to knock their guard unconscious. The two men escape, leaving the guard in the Doctor's cell.

Governor Hensell finds Bragen working in his office. Bragen tells him that the Examiner is an imposter. He refuses to stand in Hensell's presence. A furious



Hensell orders two guards to throw Bragen out, but Bragen makes it clear that he is now in control. A Dalek glides into the office. Bragen unwraps the Daleks' gunstick and attaches it. Hensell refuses to cooperate with Bragen. The Dalek exterminates Hensell on Bragen's order. Bragen detaches the gunstick. The Dalek examines Hensell's body. "Why do human beings kill human beings?" it asks. Bragen ignores the question and orders the Dalek to carry on with its work.

Back in Lesterson's lab, Valmar asks a Dalek why they can't simply continue to draw power from the colony. "Until now we have had to recharge from the colony's supply," it replies, "With static power the Daleks will be twice as... useful." Janley appears and says that she has heard Hensell has returned to the capital. She and Valmar leave, followed by the Dalek.

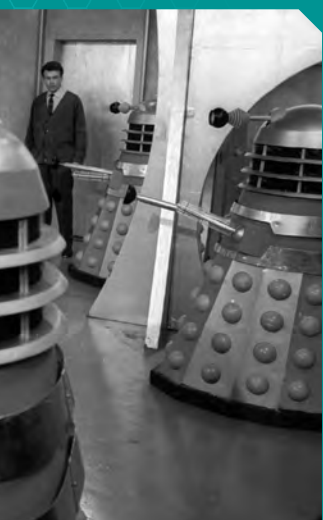
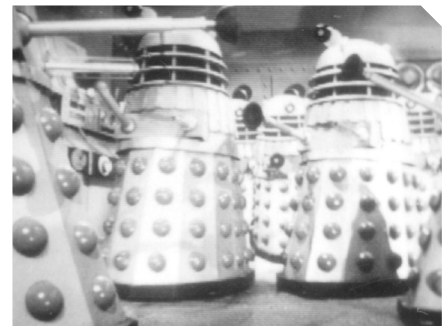
The Doctor and Quinn have been listening to them in hiding. The Doctor is alarmed that the Daleks will soon have an independent power source. They are overheard by Kebble who is still inside the capsule with Polly. She yells out a warning. Quinn overcomes Kebble. The Doctor, Polly and Quinn flee the lab when an armed Dalek emerges from the capsule. They seal the door behind them with a wrench. The Dalek blasts the doors open.

The Daleks assemble. "We are to wait here until the human beings fight among themselves," one says. "Then we will strike," another adds. They all begin to chant, "Exterminate!"



The Doctor, Polly and Quinn find Hensell's body in his office. "He's done a lot of wonderful work for this colony," a saddened Quinn says. Bragen arrives with two guards. He claims that it was a Dalek that killed Hensell by itself. Bragen announces that he is declaring martial law. He has the Doctor, Polly and Quinn arrested again.

Back in the capsule, a Dalek says, "Orders received! Exterminate all humans!" The Daleks leave the capsule, chanting, "Daleks conquer and destroy!"



Tristram Cary had composed music for *The Daleks* and *The Daleks' Master Plan*. Music cues from those stories were reused in *The Power of the Daleks*. "I think I probably did some experimental tracks and played them to [director] Chris Barry, presumably," Cary recalled. "There was always a problem with timing, because in those days there was no pre-recording except the telecine stuff. Dialogue scenes nearly always took longer than you thought, so I used to deliberately overshoot. Now that I listen to those Dalek tapes, and [remember] how primitive my studio was at the time, it does rather amaze me how I used to do it. But there's nearly always a way, isn't there?"

BERNARD ARCHARD

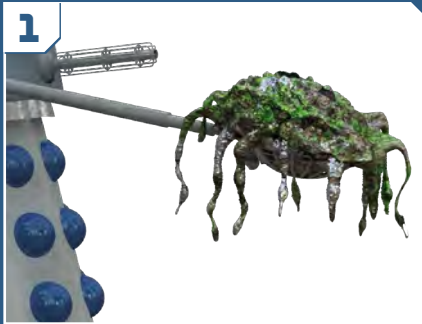


Bernard Archer played Bragen. "I think he was finding his way in that first story," he said, commenting on Patrick Troughton's debut performance as the Doctor. "It was a complete departure from the character that [William] Hartnell had played earlier. But Pat was a very accomplished actor and he wasn't likely to lose his way once he'd started the actual acting." Bragen was a typically sinister role for Archer: "I've mostly played unpleasant characters, or unsympathetic characters at least, and as one has to believe it, acting is revealing parts of oneself [so], I don't know if it's such a good thing to have played so many! Perhaps revealing one's villainous or unpleasant side makes things a bit better in ordinary life."

DALEK GENETICIST

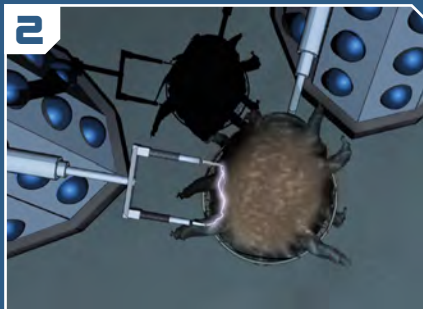
While all Daleks are born with a need to kill, selected clone batches are given an additional set of genetic instructions that leave them with a deep desire for the preservation of Dalek life.





The Dalek Geneticists are tasked with reproducing Dalek drones in large numbers. One such Geneticist was on board the capsule that was found on the colony world of Vulcan.

Once revived, the three Daleks on Vulcan quickly set about secretly increasing their numbers. The Geneticist took biological



material from itself which contained concentrated DNA content. It placed it in a reproduction tank that replicated its cellular matter at an extraordinary rate. This gave it enough raw material to begin creating Dalek embryos and build a clone bank. This is a relatively simple process: Daleks were deliberately designed for mass reproduction.

The Geneticist often discards the typical sucker-shaped manipulator for a bowl-shaped device known as a bio-cradle [1]. It contains a sophisticated network of biological sensors. Upon contact with the mutant embryo, the bio-cradle instantly scans the mutant's genetic make-up and determines if it has the potential to become a valid Dalek. If the embryo fails to meet the expected standards, it is disposed of inside an atomic furnace which helps to power the reproduction tank.

Another auxiliary appendage used by the Geneticist is the electro-charger [2]. This is a dual-pronged device that can deliver an electrical current of up to 700 volts. The charger is first used on the primal

Dalek bio-matter. It stimulates its cells, causing them to divide and form into an embryo. The charger is used again when each Dalek mutant has been fully developed and is ready to be placed inside its casing. The electrical charge awakens the mutant's dormant sensory organs. The charge is deliberately higher than required as the Daleks wish the first sensation of all Dalek life to be pain.

The mind of the Geneticist is more advanced than a typical Dalek drone and is capable of numerous complex calculations that can be made simultaneously at a high speed. Its brain is linked to a neural computer network that constantly monitors the development of each individual Dalek embryo. It is alerted if there are any signs of cellular degradation, disease or other physical defects. If there is any danger detected, the Geneticist immediately assumes personal control of the embryo's development, altering the mixture of its chemical intake if necessary. The radiation levels needed to maintain the embryo's growth are also closely monitored by the Geneticist.

The three Daleks had little difficulty in building a construction factory for their army once the necessary raw materials had been delivered to them by the humans [3]. All Daleks have detailed files on their own technology stored in their memory units for just such a situation. If Daleks find themselves isolated from their central command, in a weakened condition and surrounded by their enemy, they will focus on increasing their numbers as soon as possible, using the available resources.

While Dalekanium was not available on Vulcan, the metal alloy that the Daleks created was almost as strong. Likewise, their gunsticks and sensory units were of a very high calibre. Their only serious weakness was a lack of adequate energy storage units which necessitated the use of static electricity as their power source.

The Geneticist is equipped with all the standard Dalek armaments and defences. Its armour is capable of withstanding temperatures of up to 2000 degrees Celsius. It can protect the mutant inside from most environments, including dense atmospheres, the vacuum of space and massive underwater pressures. It has a cryogen survival unit with an independent power system. When the three Daleks found themselves trapped in the mercury swamp on Vulcan with no hope of rescue, their survival units were activated. The Dalek mutants were immediately enveloped in cryogenic gases that placed them in a state of suspended animation. They existed in this condition for centuries, perhaps even millennia. They were all revived with no ill effects when a new power source was introduced.

A Geneticist is a rare breed of Dalek, one more concerned with the creation of new life rather than taking it. It is deeply proud of its contribution to the Dalek cause. A Geneticist would gladly sacrifice itself to safeguard the clone batches it has created. But of course, the only life it considers worthy of protection and reproduction belongs to its own species.



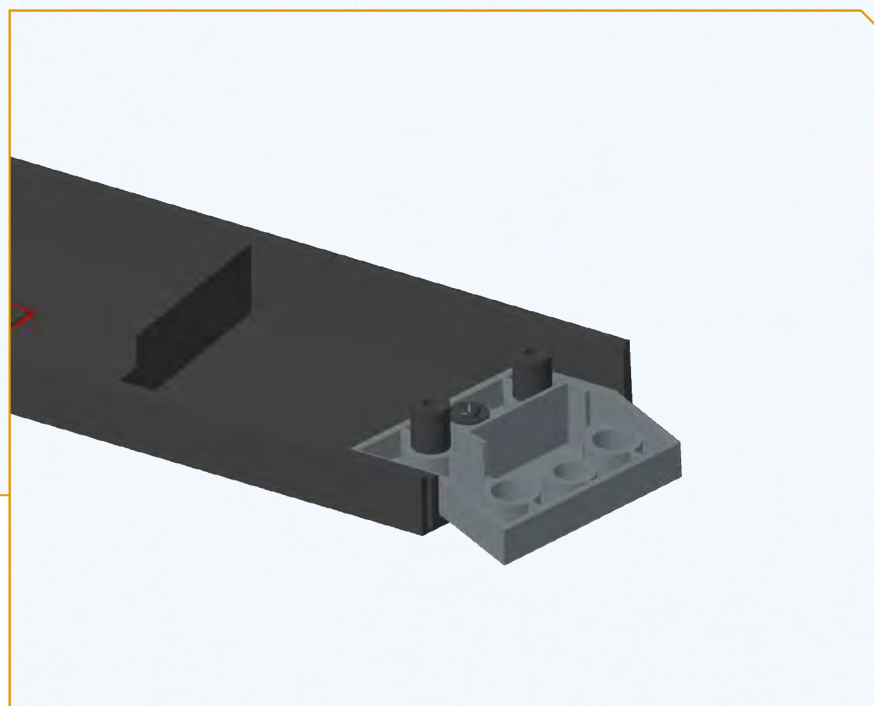
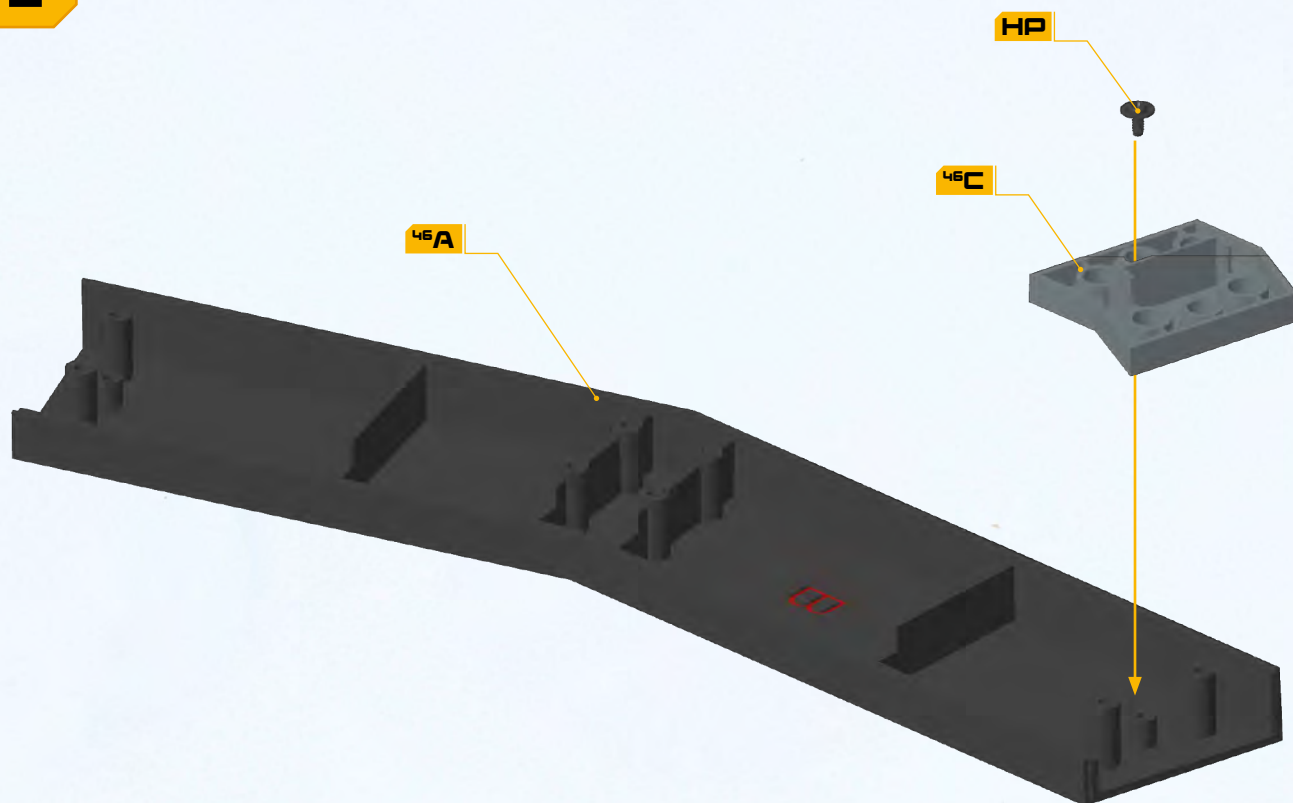
SKIRT SECTION

BASE FRAME ASSEMBLY



COMPONENTS OF ISSUE 46			
46A	BASE FRAME (B)	46C	BASE FRAME CONNECTOR (B)
46B	BASE FRAME (D)	46D	BASE FRAME CONNECTOR (D)
		HP	FIVE 2.6 X 6 PWB SCREWS (1 SPARE)
		—	

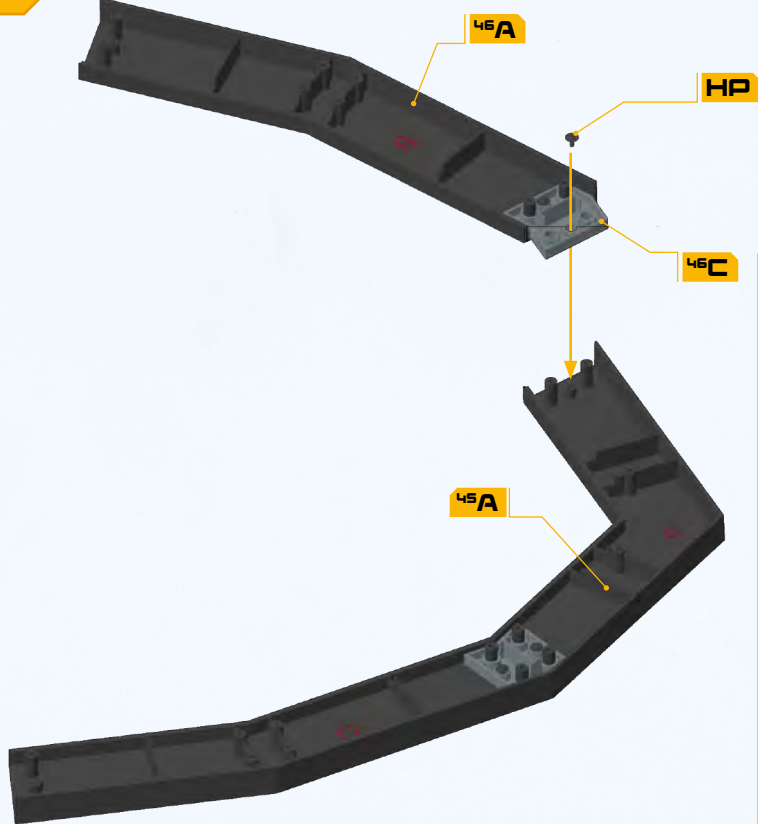
1



#46-01

Take the base frame **46A** (marked B) and the connector **46C** (marked B). Fit the screw holes in part **46C** over the raised screw sockets on the longer arm of part **46A**. Fix in place with an **HP** screw.

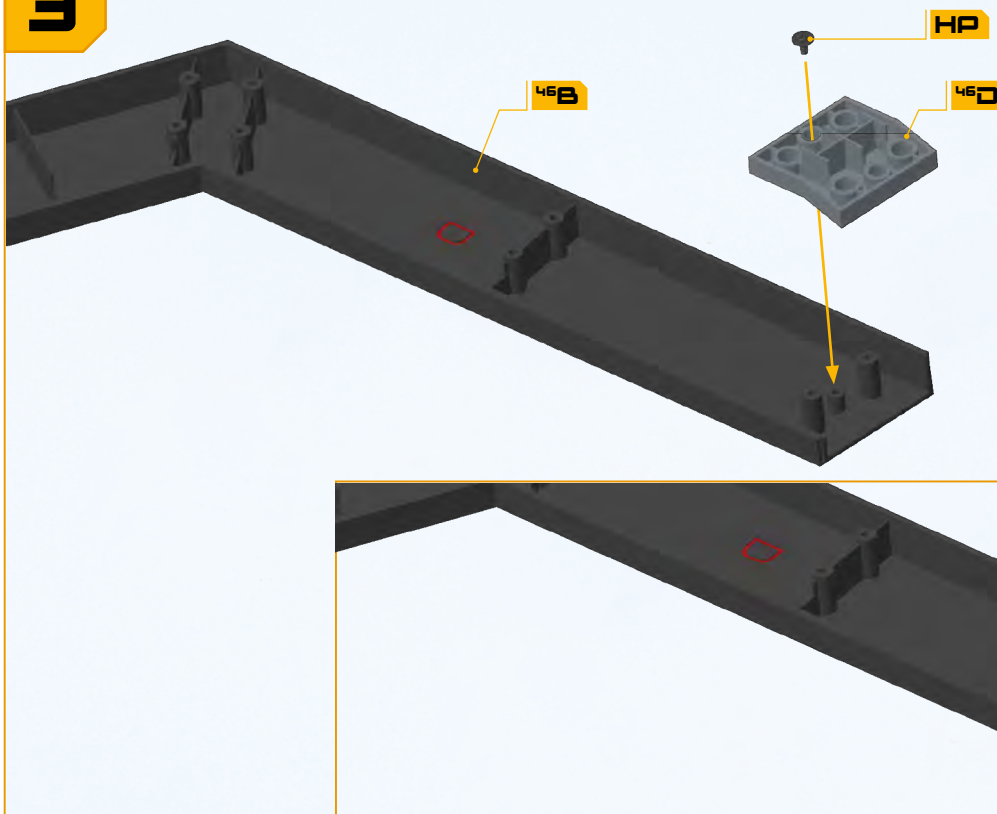
2



#46-02

Fit the other side of the connector **46C** into the end of base frame **45A** (marked A) on the assembly from the previous issue. It is a tight fit, so the parts need to be at the correct angle. Fix in place with an **HP** screw.

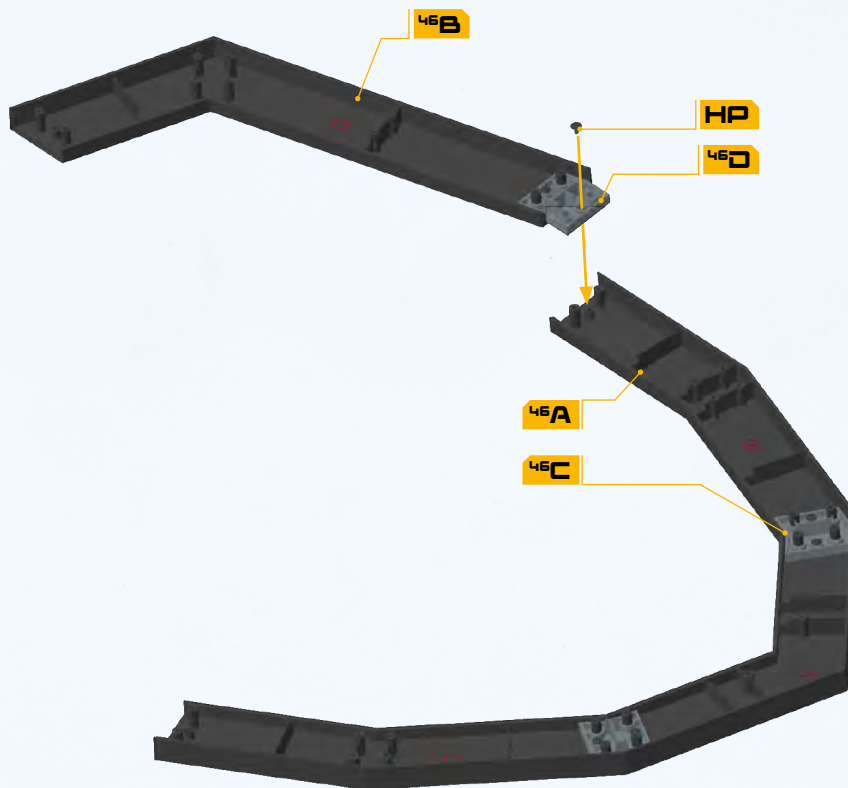
3



#46-03

Take the base frame **46B** (marked D) and the connector **46D** (marked D). Fit the screw holes in part **46D** over the raised screw sockets on the longer arm of part **46B**. Fix in place with an **HP** screw.

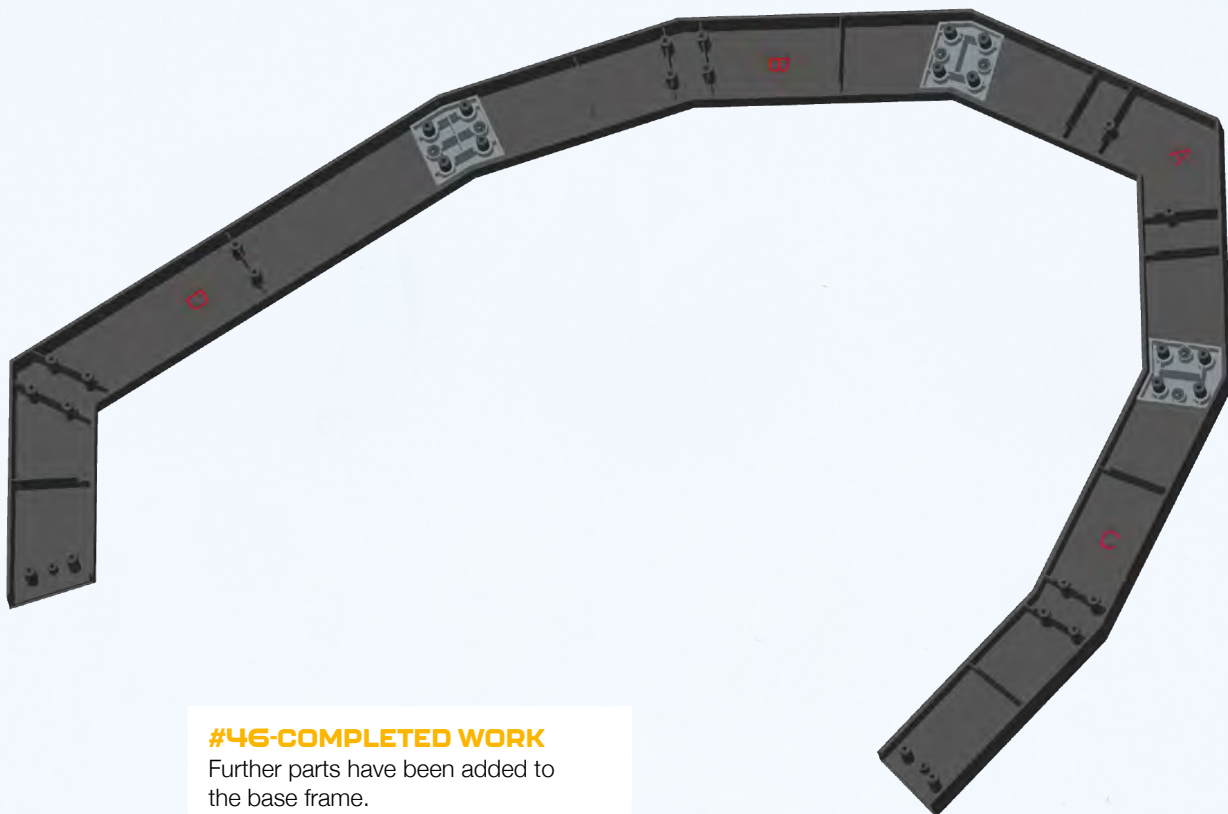
04



#46-04

Fit the connector **46D** (marked D) into the free end of base frame part **46A**. Fix in place with an **HP** screw.

COMPLETED WORK



#46-COMPLETED WORK

Further parts have been added to the base frame.



THE DALEK

COMING IN
ISSUE 47

BUILD PART 47

Continue the build of the Dalek base with additional base frame pieces, connectors and all the fixing screws.



BEHIND THE SCENES



The Dalek props were redesigned for the 21st century.

ADVENTURES IN TIME AND SPACE



The Tenth Doctor and Rose confront an Army of Ghosts.

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