

# THE DALEK

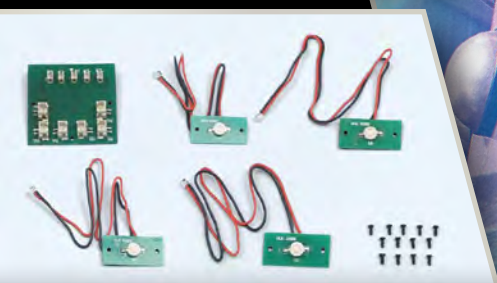
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# DALEK

## ISSUE 59



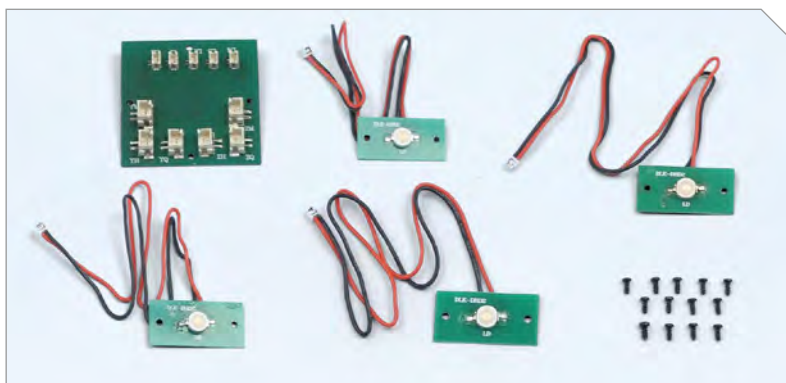
### ADVENTURES IN TIME AND SPACE: RESURRECTION OF THE DALEKS - PART 4 **3**

The deadly Movellan virus escapes and proves lethal to the Daleks.



### THE TIME VORTEX: DALEK DUPLICATES **6**

The Daleks often employ human duplicates to do their bidding.



### STEP-BY-STEP BUILD: PART 59 **8**

A circuit board, four light circuits and all the necessary fixing screws.

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Published by Hachette Partworks Ltd  
4th Floor, Jordan House, 47 Brunswick Place, London N1 6EB

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Packaged by Panini Publishing, a division of Panini UK Limited.

Publishing Director Europe – Marco M. Lupoi  
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Features Writer – Stuart Ashley

Distributed in the UK and Republic of Ireland by Marketforce.

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Printed in the UK.

ISSN 2977-5574

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# RESURRECTION OF THE DALEKS

## PART 4

**Davros rebels against the Supreme Dalek, pitting Dalek against Dalek in battle.**

Season 21 Episode 12b  
First Broadcast:  
15 February 1984

**T**egan transmats to the Dalek battle cruiser and is found by Turlough and Mercer. She points to the TARDIS and tells them that the Doctor is somewhere nearby.

The Doctor writhes in agony as the mind probe records his memories. Stien clutches his head and screams. "I can't stand the confusion in my mind!" He releases the Doctor. They take two troopers prisoner. Stien is worried that the Daleks' influence on his mind could return at any moment. Tegan, Turlough and Mercer find them.



The Doctor destroys the recording that the Daleks took from his mind and heads back to the TARDIS with the others. He sets a course for Earth but does not dematerialise his ship. Instead, the Doctor asks, "Why did the Daleks rescue Davros?" Stien replies, "They wanted a cure for a virus that was destroying them." Tegan realises that the virus is in the cylinders on Earth. The Doctor opens the TARDIS doors and turns to leave. "Where are you going?" Tegan



asks. "To kill Davros," he answers. Tegan is shocked. The Doctor says, "Davros created the Daleks. He must not be allowed to save them." Mercer and Stien volunteer to go with him.

The Supreme Dalek contacts Lytton and orders him to kill Davros and the two Daleks under his control.

Davros welcomes the Doctor to his laboratory. He is surprised when Mercer hands the Doctor his gun. "I'm not here as your prisoner, Davros... but your executioner." The Doctor aims



the weapon at his old enemy. Davros talks quickly, telling the Doctor that he had planned to redesign the Daleks. "My mistake was making them totally ruthless. It restricted their ability to cope with creatures who rely not only on logic but also instinct and intuition." The Doctor pauses and steps forward. "And compassion? Are they to be programmed for that?" Davros concurs, but the Doctor is not convinced. Mercer and Stien step outside to deal with two of Lytton's troopers. The Doctor raises the weapon at Davros again but hesitates. "You are soft, like all Time Lords," Davros says.

Tegan and Turlough realise the TARDIS is now in flight. "He didn't intend to return," Tegan says.

Mercer guns down the two troopers. Stien suddenly feels the Daleks' mental conditioning taking control. Two more troopers arrive, and Mercer is killed. Stien is wounded. The Doctor exits the lab to help Stien but is warned off. "I can't control my mind. I'm not safe!" Stien says and runs off. The lab door slides shut before the Doctor can re-enter.

The Supreme Dalek tells Lytton that his men have failed to kill Davros, so Daleks have been dispatched to exterminate him instead. It orders Lytton to go to Earth and kill Davros' Daleks.

Stien staggers along a corridor, battling with his own mind. He decides to find the prison ship's self-destruct chamber.

Tegan and Turlough emerge from the TARDIS, now in the warehouse. "The



virus in those cylinders is the only effective thing we've got to fight the Daleks with," Tegan whispers. They take two of the cylinders back to the TARDIS.

The duplicates of Colonel Archer and Sgt Calder confront Davros' Daleks but are quickly killed. Lytton and his troopers arrive. They battle the Daleks and the troopers under Davros' control. The Daleks are triumphant but Lytton feigns death and is overlooked.

The Doctor watches as a squad of Daleks loyal to the Supreme Dalek are also sent into the time corridor. They are ordered to kill not only Davros' Daleks but also Lytton and his men. The Doctor steals some explosives and follows them.



## NATION APPROVAL

Terry Nation had made an agreement with the BBC that no Dalek serial could be written without a first refusal option being given to him. He had no interest in writing a Dalek story in the early 1980s, but producer John Nathan-Turner convinced him to allow *Doctor Who*'s script editor Eric Saward to write a story, with the proviso that Nation had the authority to change anything he disliked. One element that Nation wanted altered was the way the Daleks were killed (originally people shot them through the gaps in their grilles). He also vetoed Davros' death at the end of the story. Saward intended to feature the Dalek Emperor, a creation of David Whitaker. Nation blocked this, so the Emperor was replaced with the Supreme Dalek.



Terry Nation insisted that Davros not be killed off.

## NEW CHAIR





Stien makes his way to the self-destruct chamber and begins to manipulate the controls. The Supreme Dalek sees him on a monitor and raises the alarm.

The Supreme's Daleks and Davros' Daleks meet in the warehouse. "Davros must be honoured!" one says. "He must be exterminated!" another replies. As they exchange fire, the Doctor arrives in the warehouse. He uses the explosives to kill two Daleks. He narrowly dodges a shot from Lytton and makes it into the TARDIS. He congratulates Tegan and Turlough on collecting the cylinders.

Davros checks that his escape hatch is prepared. He crushes a capsule containing the virus as the lab door explodes open. Two Daleks prepare to



exterminate him. White liquid suddenly squirts out of their casings as the virus takes hold. They lose control.

The Doctor exits the TARDIS with one of the cylinders, which is emitting a gas. He places it on the floor and dives back into the TARDIS. All the Daleks present begin to malfunction as the virus enters their bodies. "They're dying," Lytton remarks to one of his troopers, "And so are you." He kills the trooper and leaves.

Davros looks at the melted remains of the two Daleks, satisfied, but he suddenly loses control of his chair. The same white liquid spurts out of it. He shouts, "No! It cannot be! I am not a Dalek! I cannot die! I AM DAVROS!"

The Doctor and Tegan watch the last of the Daleks die on the TARDIS monitor. The Doctor says that the Earth is safe, but the Supreme Dalek suddenly appears on the screen. It says that the Daleks already have duplicates on Earth that have replaced people in strategic positions. "Your duplicates are unstable; it won't work!" the Doctor replies.

Daleks enter the self-destruct chamber. "Hello, boys," Stien says. "Just in time for the fun." A Dalek shoots him, but as he dies, Stien throws himself on the controls and activates the self-destruct. The prison ship explodes, taking the Dalek battle cruiser with it.

Lytton meets with his two 'policemen' outside the warehouse. They walk off.

The Doctor, Tegan and Turlough



observe the dead humans, duplicates and Daleks. Turlough suggests they return to the TARDIS and warn Earth's authorities about the duplicates. Tegan doesn't follow them. "I'm not coming with you," Tegan says. "A lot of people have died today. I think I'm sick of it." The Doctor tries to convince her to stay, but Tegan's mind is made up. She runs out of the room.

A saddened Doctor and Turlough return to the TARDIS. Tegan comes running back and watches it dematerialise.



Visual effects designer Peter Wragg replaced Davros' chair from *Genesis of the Daleks* and *Destiny of the Daleks* with a new prop as the original had fallen into disrepair after many years on display at *Doctor Who* exhibitions. The skirt section had a hinged panel that revealed prop circuit panels. The control desk was larger and angled towards the actor. The panel that revealed Davros' mind-control device was operated by Terry Malloy with his hidden hand. The sides and back of Davros' chair featured sets of flashing, coloured lights set below white plastic.

## FAREWELL JANET

Australian actor Janet Fielding's departure from *Doctor Who* after three years was a major change for the series. She described her character Tegan Jovanka thus: "She was take-no-prisoners, intensely practical, feet on the ground. There's an element of the absent-minded professor about the Doctor, and Tegan is the antidote to that. She will tell you the blatantly obvious thing that's sitting there in front of your face, but you haven't seen because you're looking for a complexity that isn't necessarily there." Fielding's relationship with her father, a parasitologist, informed her performance. "As the daughter of an absent-minded professor... well, no, he wasn't a professor; I guess you'd say he was an academic. We used to tie notes to his briefcase – and we still tell family jokes about him missing the bloody obvious, because his mind was on some other plane – so I kind of, in a sense, grew up with that."



# DALEK DUPLICATES

**E**spionage is an important weapon in any long-running war. Information on enemy activity can be the key to ultimate victory. The Daleks have no way of personally infiltrating their enemies' operations, but they have devised an excellent alternative: duplicates.

Dalek duplicates fall into two categories: android doubles and genetic copies. The androids are composed of resilient mechanical skeletons covered with synthetic materials designed to resemble human skin. The genetic copies are clones that can be grown in a matter of minutes from DNA taken from a human host body. Both androids and clones are usually programmed with memories taken from captured humans using sophisticated mental probes.

Earth's Space Security Service in the 32nd century was a highly secretive organisation, and the Daleks made many efforts to infiltrate it with duplicates. They also used them in their ongoing wars with the Terran Empire. When the Twelfth Doctor encountered Colonel Morgan Blue on the battleship *Aristotle*, Blue suspected him of being a duplicate.

## THE ROBOT DOCTOR

A Dalek execution squad was dispatched on a mission to destroy the First Doctor, Ian, Barbara and Vicki. Using their own

space/time machine, the Daleks pursued them across the universe. At their final destination on the planet Mechanus, the Daleks decided to construct a robotic double of the Doctor to infiltrate the Doctor's group and kill them.

The Daleks possessed video and audio records of the Doctor, gathered from their previous encounters with him on Skaro and Earth. He had even been subjected to a rudimentary mental probe when he was questioned in the Dalek city. Combined, this material provided the Daleks with enough information to build a duplicate of the Doctor, accurate enough to fool his companions.

While the Doctor's android double was well-crafted, it lacked up-to-date knowledge of the Doctor's companions. It referred to Vicki as "Susan" which made Barbara realise it was the imposter. The Doctor took great pleasure in defeating it in a duel.

## EDWIN BRACEWELL

It is unclear if there was a real Edwin Bracewell that the Daleks used as the foundation for their android, but it would seem likely. The complexity of the android was impressive: it displayed happiness, shock, pride, fear and even love in a highly naturalistic manner. These emotions are far beyond the



The Daleks created a duplicate of the First Doctor.

understanding of the Dalek mind and would have needed to have been sourced from somewhere. Likewise, Bracewell's history as a scientist would have been carefully vetted by military intelligence before he was granted access to the Westminster War Rooms and allowed contact with Prime Minister Winston Churchill. It is probable that the real Bracewell was kidnapped by the Daleks, subjected to an extensive mental probe and physical scan, and then disposed of.

The Bracewell android had no concept of its true self. It was equipped with a full range of human expressions and reactions. It had a small atomic furnace inside its oesophagus that enabled it to consume food and liquid. The android even believed that it needed sleep. It was only when one of its hands was destroyed by a Dalek that it was forced to face the truth about itself. But Bracewell had the same moral code as its human template. It abhorred the Nazis and the Daleks alike, and used the scientific knowledge given to it by the Daleks against them.

As a back-up plan in case of failure, the Bracewell android's power source was an Oblivion Continuum: a captured wormhole of enormous strength. The device was installed in its chest cavity



Stien broke through his Dalek programming.

and turned into a bomb. But the Daleks had done their job too well; Bracewell's emotional programming was too deep. Its love for a young girl called Dorabella was as pure as the original Bracewell's had been. Bracewell defied its own programming, deactivated the Oblivion Continuum and saved Earth.

### THE SUPREME DALEK'S DUPLICATES

The Supreme Dalek used several groups of genetic duplicates in its plans to infiltrate Earth society, rescue Davros and assassinate the High Council of the Time Lords. Colonel Archer, Sgt Calder and other members of a bomb

disposal squad were killed and quickly cloned aboard the Supreme's battle cruiser. They were efficient soldiers but would have been poor spies; they lacked any emotional responses. Tegan and Professor Laird quickly deduced that they were imposters.

The duplicate of Raymond Stien was a far more sophisticated model. He had a full set of Stien's memories and training and was a convincing agent used to lure the Doctor into the Supreme Dalek's clutches. However, like Edwin Bracewell, his duplication was too precise. The original Stien's moral centre reasserted itself, giving him the strength to overpower the Dalek's programming.

While unconfirmed, there is a strong possibility that Commander Lytton was also a genetic duplicate. It would make sense if the Supreme Dalek, untrusting of all humans, had simply killed the original Lytton and replaced him with a copy that could be programmed to always obey the Daleks. The Supreme states at one point, "Lytton grows too arrogant. His mind resists our control." This suggests that Lytton's sheer willpower was enough for him to break free of the Daleks' conditioning.

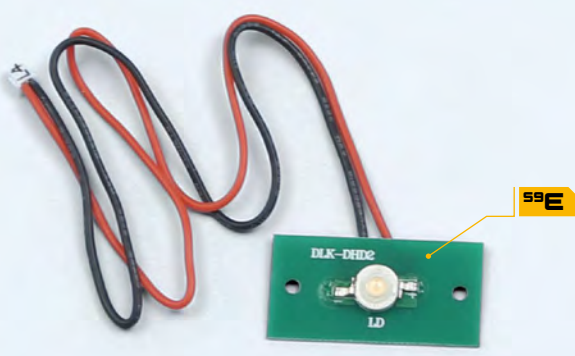
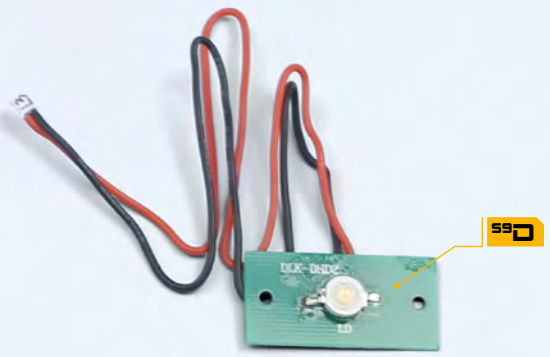
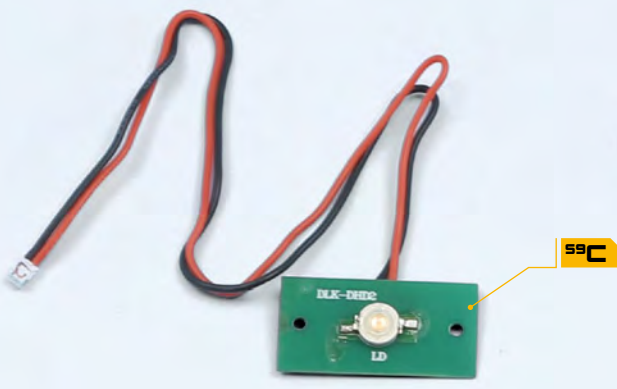
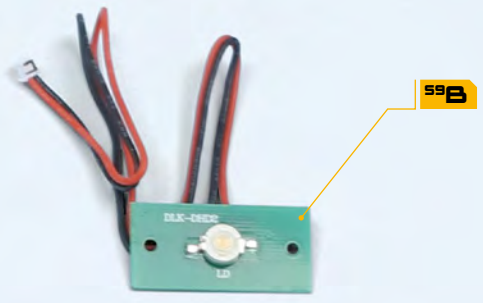
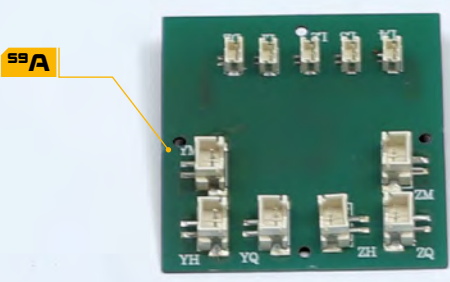
The duplicates of the Doctor, Tegan and Turlough were intended to infiltrate Gallifrey. The Doctor was subjected to a detailed mental probe that focused on his travels with his companions. The Doctor resisted the probe and even managed to block his memories of Leela, the one companion who had gone to live on the Doctor's homeworld. If the duplicate Doctor had survived and the plan had gone ahead, it would have had no knowledge of Leela, and most likely would have been exposed.



Edwin Bracewell was unaware that he was a Dalek duplicate.

# BASE SECTION

## LIGHT CIRCUITS



### COMPONENTS OF ISSUE 59

**59A** CIRCUIT BOARD

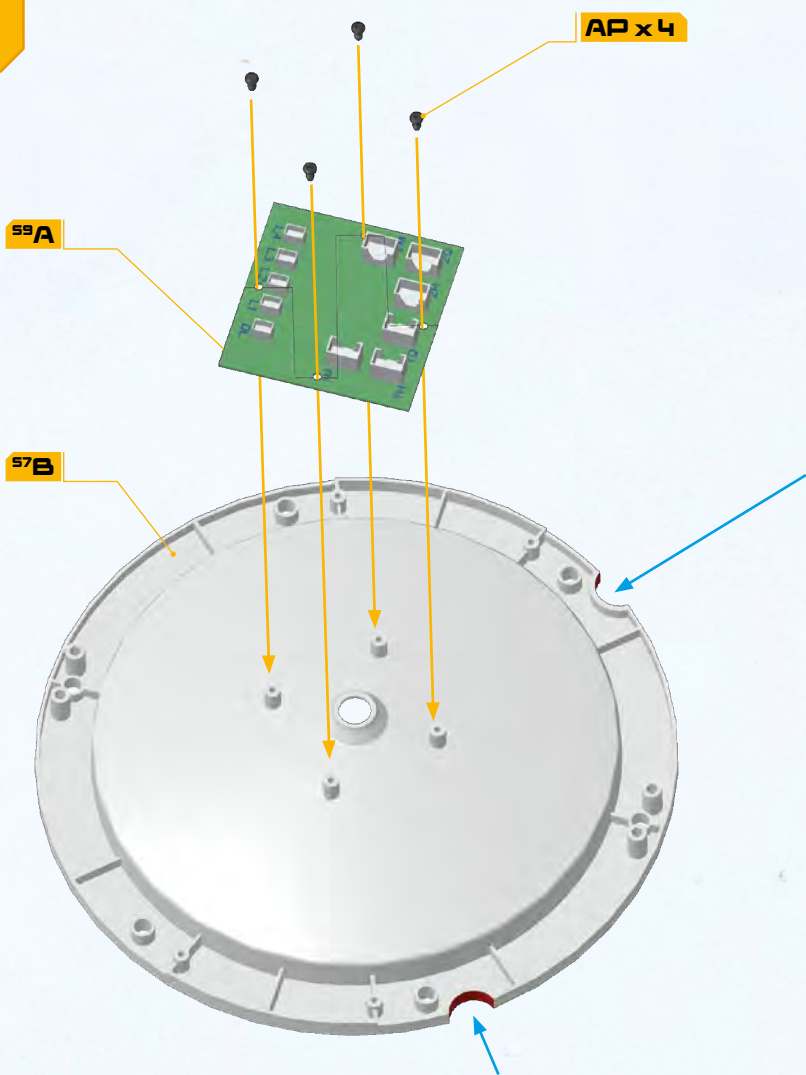
**59B** LIGHT CIRCUIT (CONNECTOR MARKED L1)

**59C** LIGHT CIRCUIT (CONNECTOR MARKED L2)

**59D** LIGHT CIRCUIT (CONNECTOR MARKED L3)

**59E** LIGHT CIRCUIT (CONNECTOR MARKED L4)

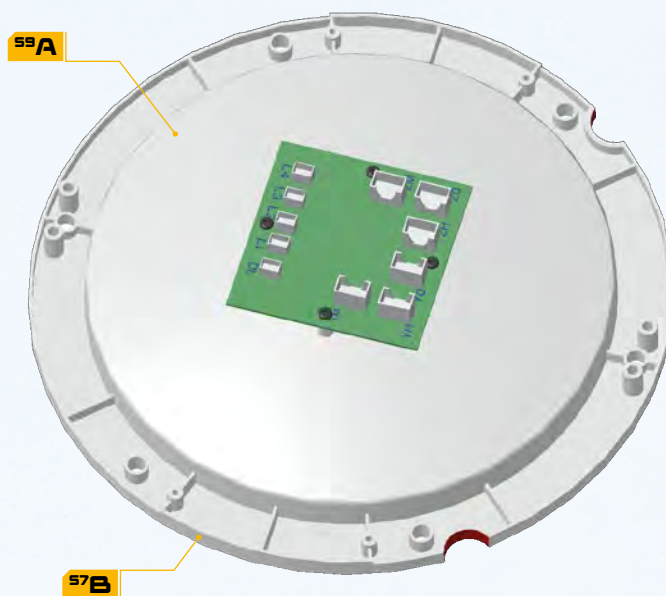
**AP** THIRTEEN 2.3 X 4MM PB SCREWS (1 SPARE)

**1****#59-01**

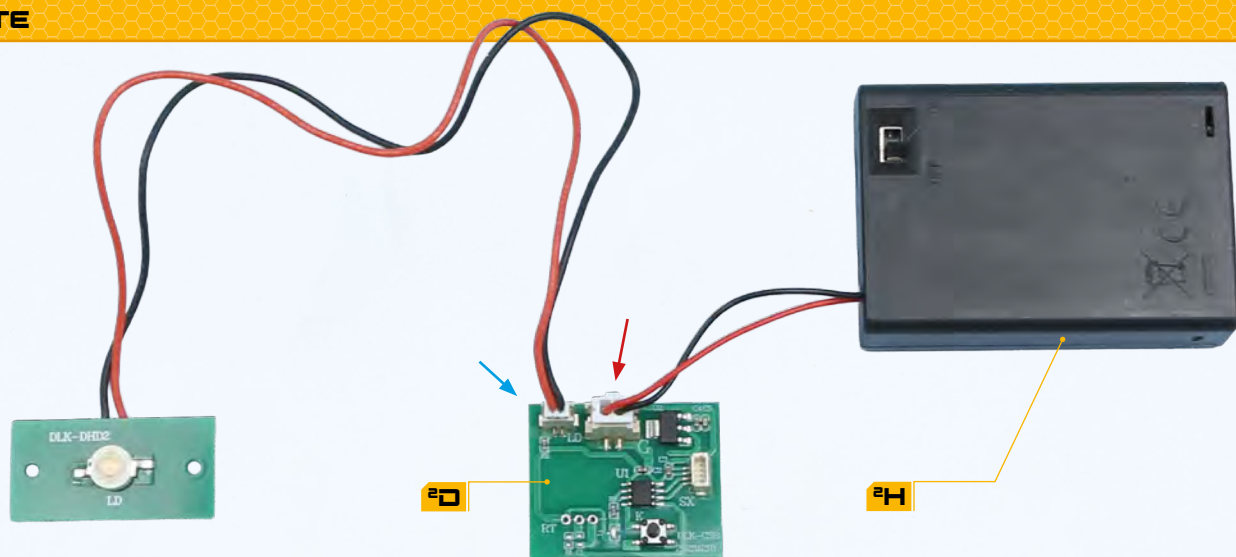
Take the central lamp reflector **57B** and the circuit board **59A**. Note the orientation of the circuit board carefully and position it as shown in relation to the two semicircular cut outs (blue arrows). Fix the circuit board **59A** in place with four **AP** screws.

**#59-02**

This shows the circuit board in place. Check that the sockets are in the correct position.

**2**

# NOTE



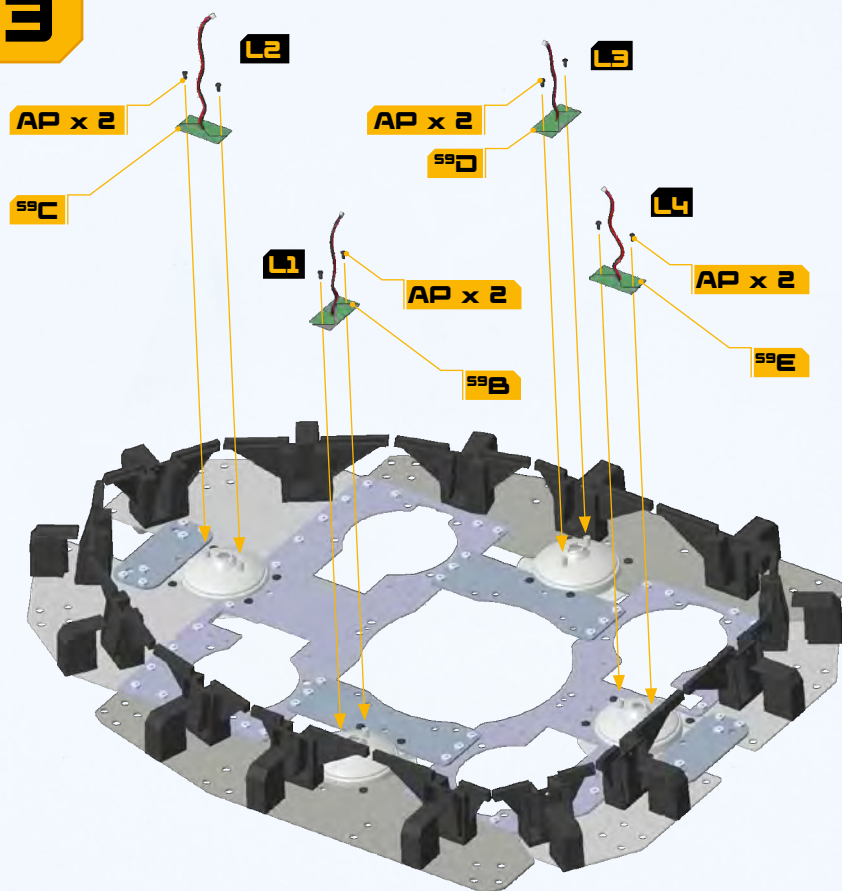
## CHECK THE LIGHTS

Take the test circuit board **2D** and battery box **2H** (supplied with issue 2). Check that you have three 1.5v AA batteries in good condition fitted in the box. Plug the cable from the battery

box into the power socket marked G on the circuit board (red arrow). One at a time, plug the connectors marked L1, L2, L3 and L4 (on the light circuits **59B**, **59C**, **59D** and **59E**) into the socket on the circuit board **2D** indicated by

the blue arrow. When each light circuit is connected, test that it works by switching on the battery box. When all the lights have been tested, unplug the battery box and disconnect the cable from the circuit board **2D**.

# 3



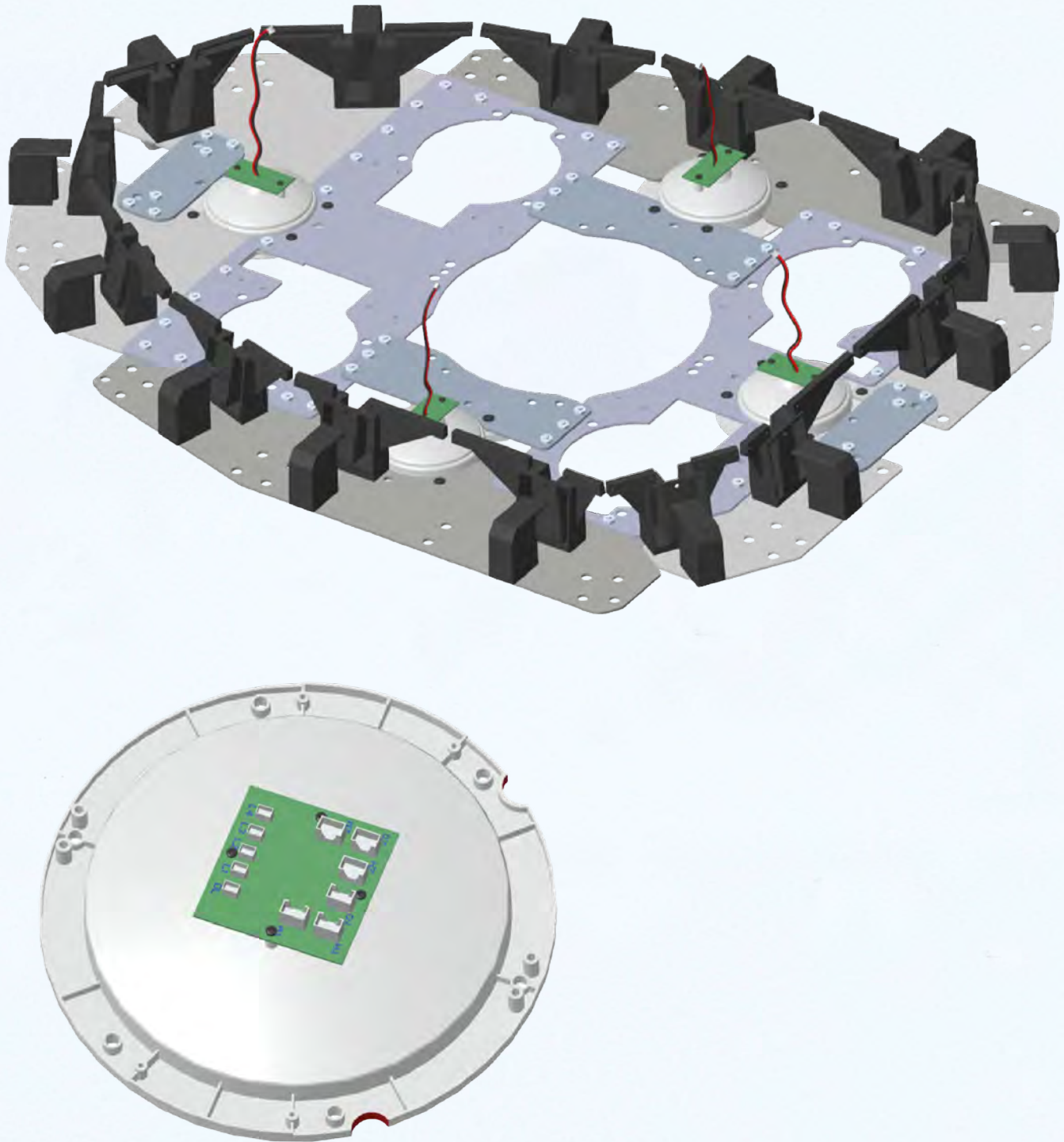
## #59-01

Take the base assembly from issue **57**. Fit one of the light circuits on to each of the reflectors. It is important to fit them in the correct positions: starting from the front end of the base, fit light circuit **59C**, with the connector **L2**. Working clockwise, fit the light circuits **59D** (L3), **59E** (L4) and **59B** (L1), as shown. Fix each light circuit in place with two **AP** screws.

## COMPLETED WORK

### #59-COMPLETED WORK

A circuit board has been fitted to the large reflector and light circuits have been fitted to the four reflectors on the base assembly.





# THE DALEK

COMING IN  
ISSUE 60

## ▼ BUILD PART 60 ▼

This issue includes a motor for the base, along with split ring washers, two flat washers, plus all the fixing screws.



## THE TIME VORTEX



Battles with the Daleks have changed the course of history.

## ADVENTURES IN TIME AND SPACE



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