BUILD THE

# BACK TO THE FUTURE™ DELOREAN

ISSUE 46







FANHOME

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BUILD THE

# BACK TO THE FUTURE DELOREAN

ISSUE 46






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**Managing Editor:** Ben Robinson
**Art Editor:** James King
**Writer:** Kieran Grant

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8


10



# YOUR CAR PARTS

With this issue you receive more parts for the dashboard, including LEDs and fixing screws.

46A DASHBOARD DISPLAY



46B CASING



46C DIALS



46D LED PANEL



46E TAB



AP 3 X SCREW



BP 3 X SCREW



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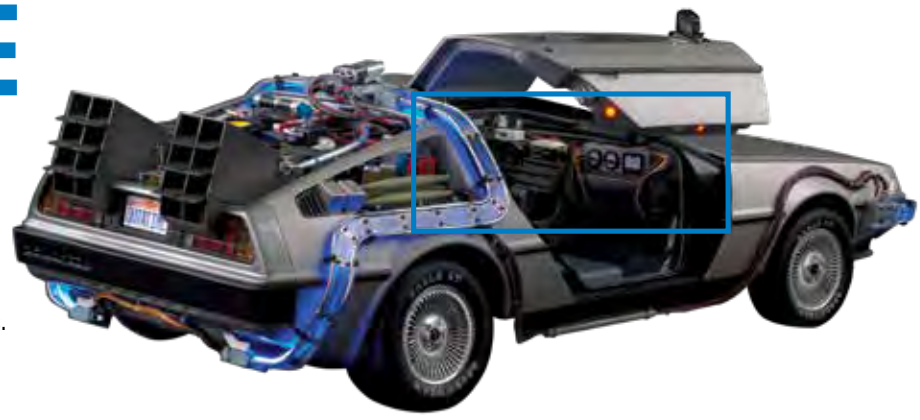


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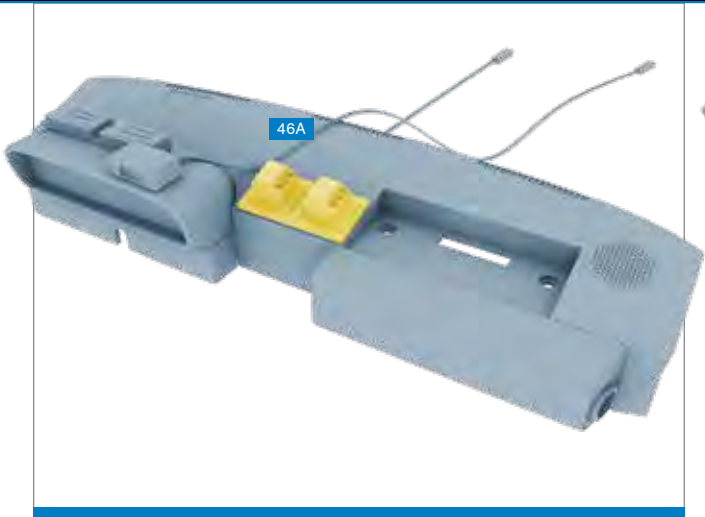
# DRIVE TIME

Continuing adding details to the dashboard of your DeLorean.

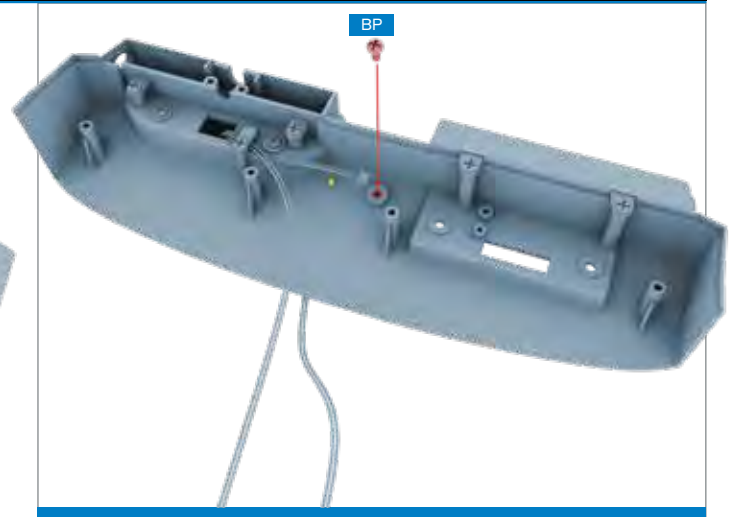
In this issue you add LEDS and wiring to the dashboard by following these step-by-step instructions.



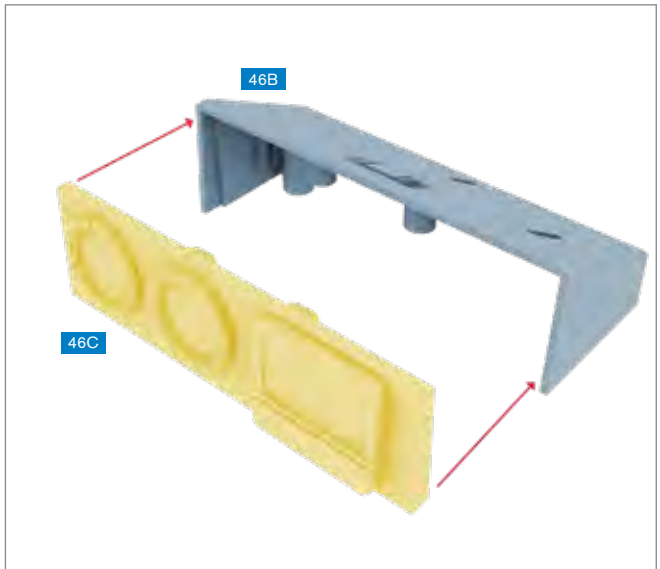
## THE DASHBOARD



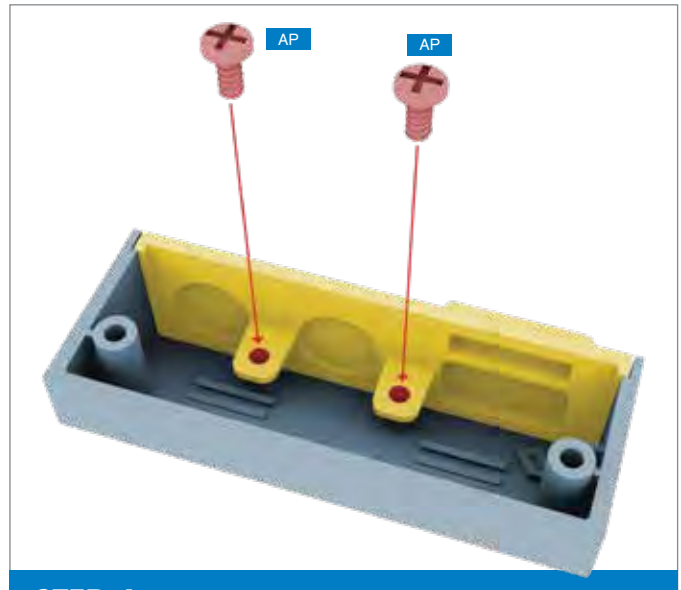

**STEP 1 ››** Place 46A onto the dashboard, inserting the pin on the underside into the corresponding hole.



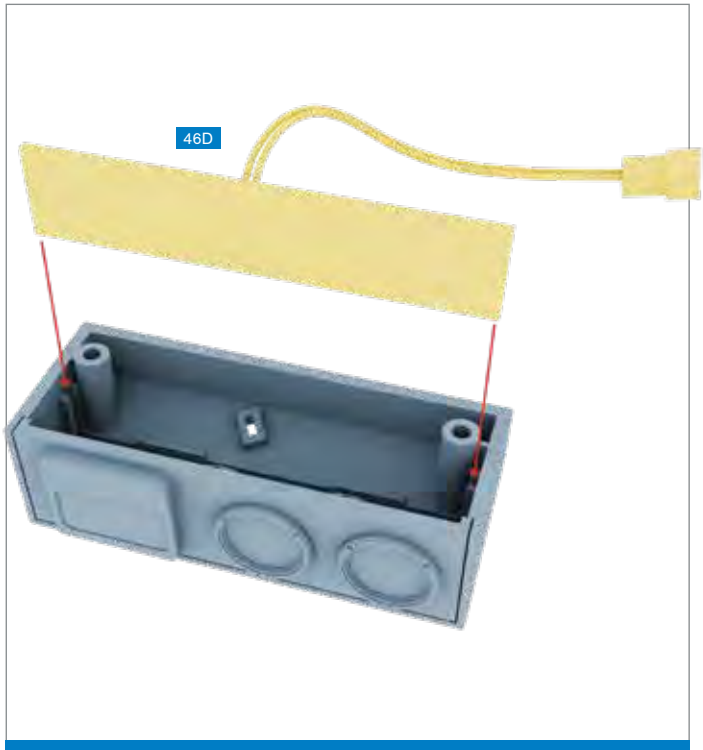

**STEP 2 ››** Secure the two parts together with a BP screws.




**STEP 3 ››** Insert 46C into the back of 46B, as shown.



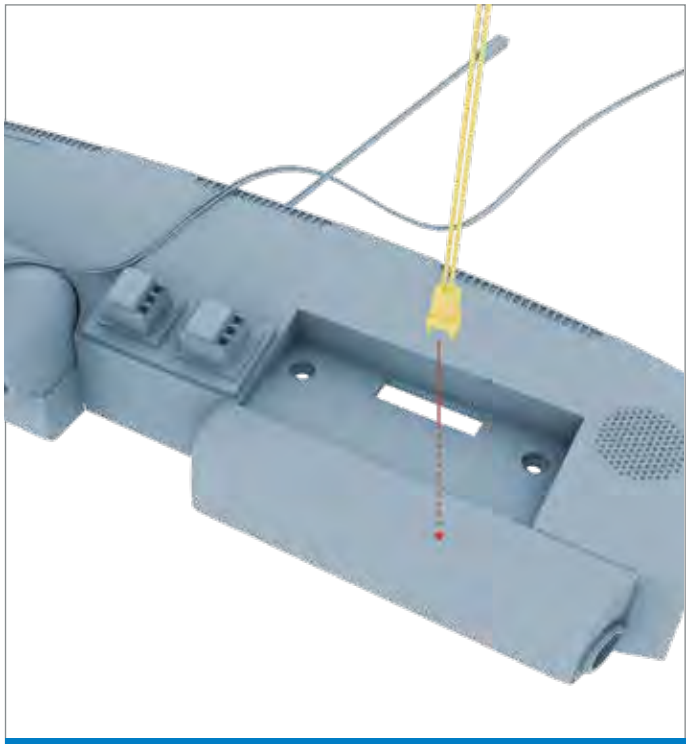

**STEP 4 ››** Turn the assembly over and secure the parts together with two AP screws.



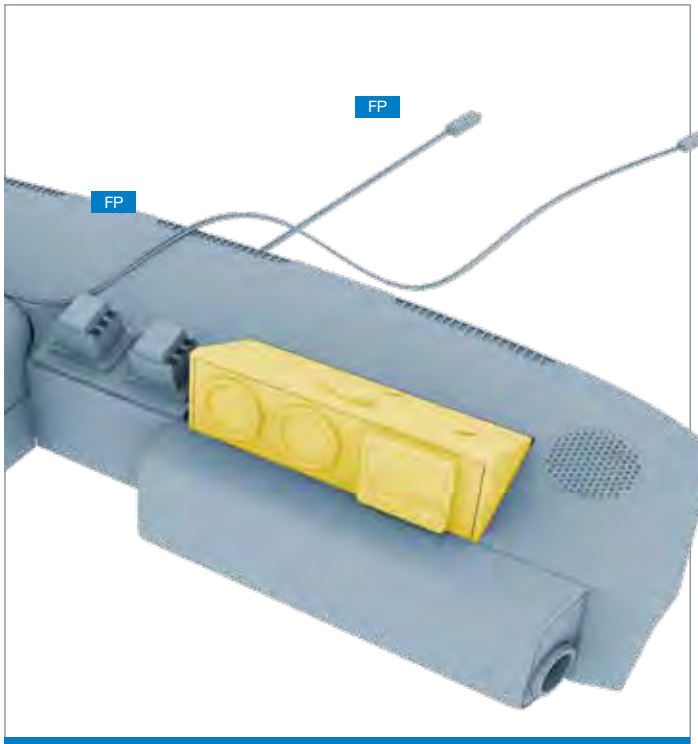

**STEP 5 ››** Slide 46D into the grooves on the inside of 46B. Position 46D with the cable away from you, as shown.



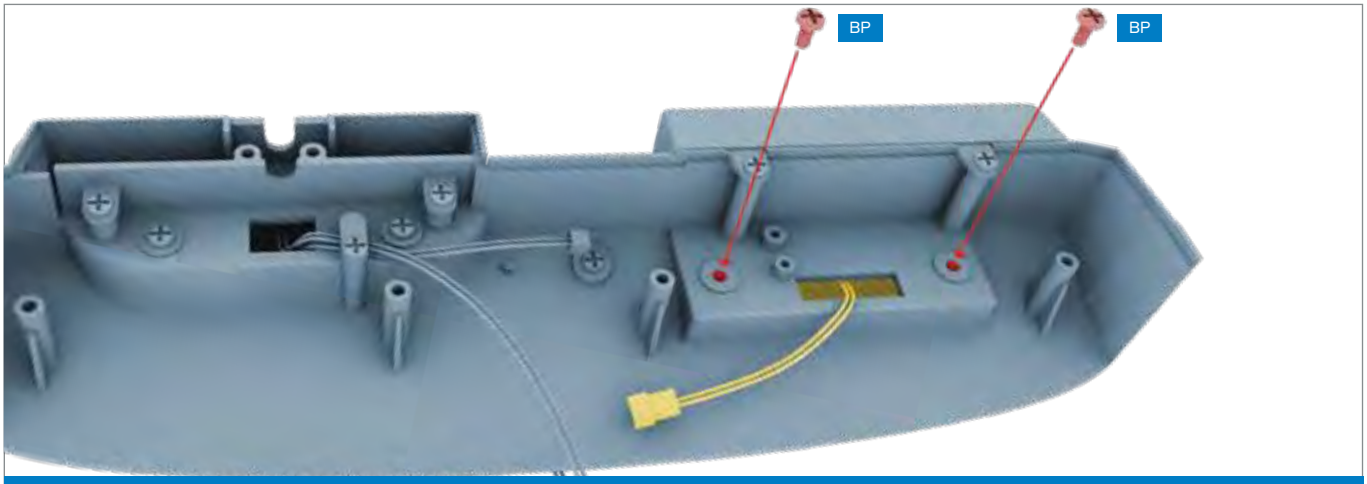
**STEP 6 ››** This is how the assembly should look when 46D is in place.



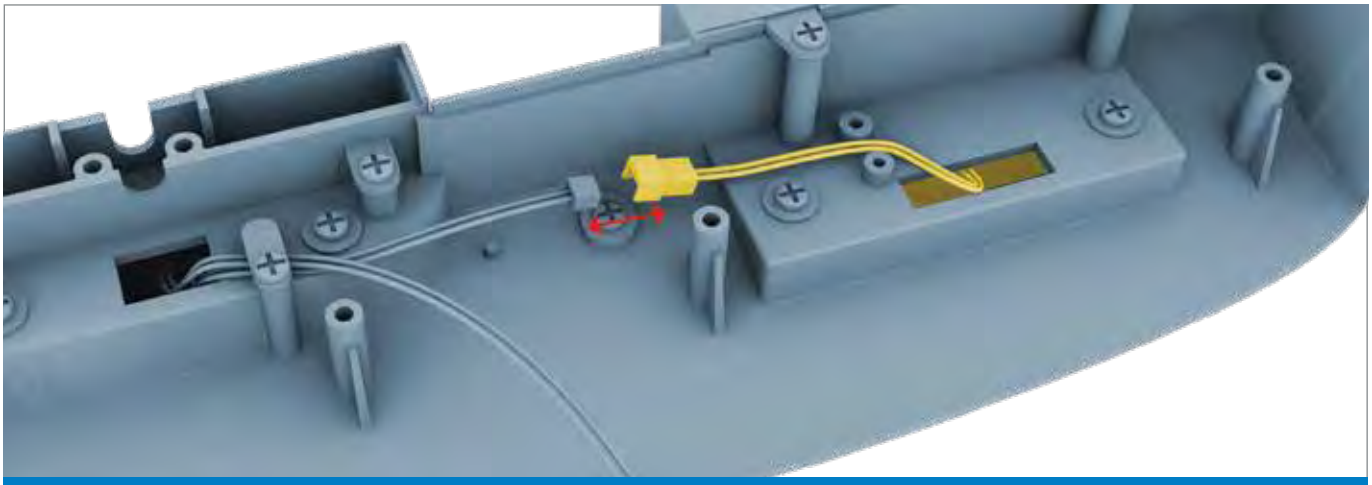
**STEP 7 ››** Pass the socket at the end of the cable through the rectangular hole in the recess in the dashboard.



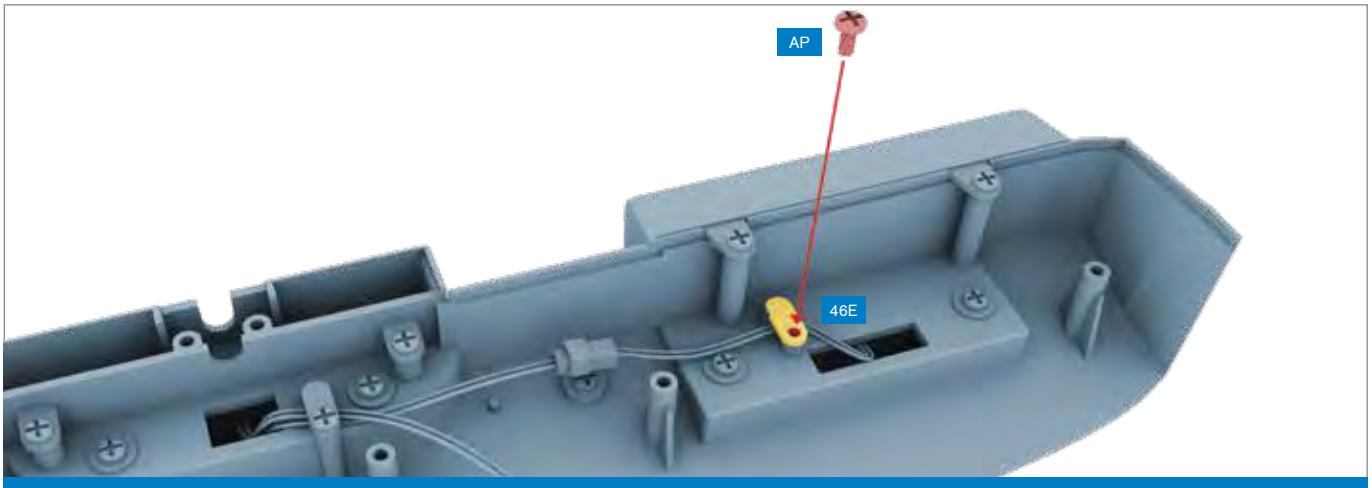

**STEP 8 ››** Lower the assembly into the recess in the dashboard.




**STEP 9 ››** Turn the dashboard over and secure the assembly to it by tightening two BP screws into the indicated holes.

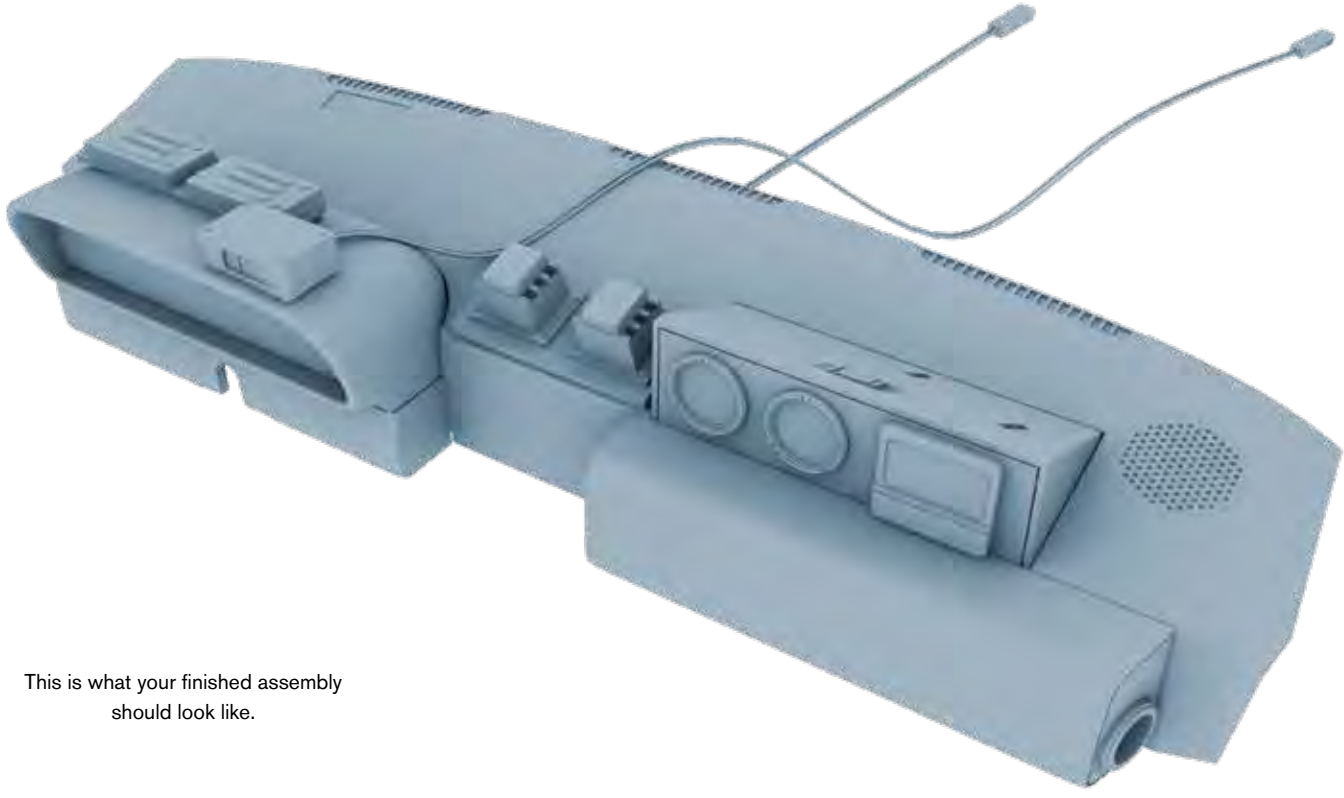


**STEP 10 ››** Connect the socket to the connector from the LED panel fitted in the previous stage.




**STEP 11 ››** Place 46E over the cable, onto the posts on either side of it. Secure the tab with an AP screw.

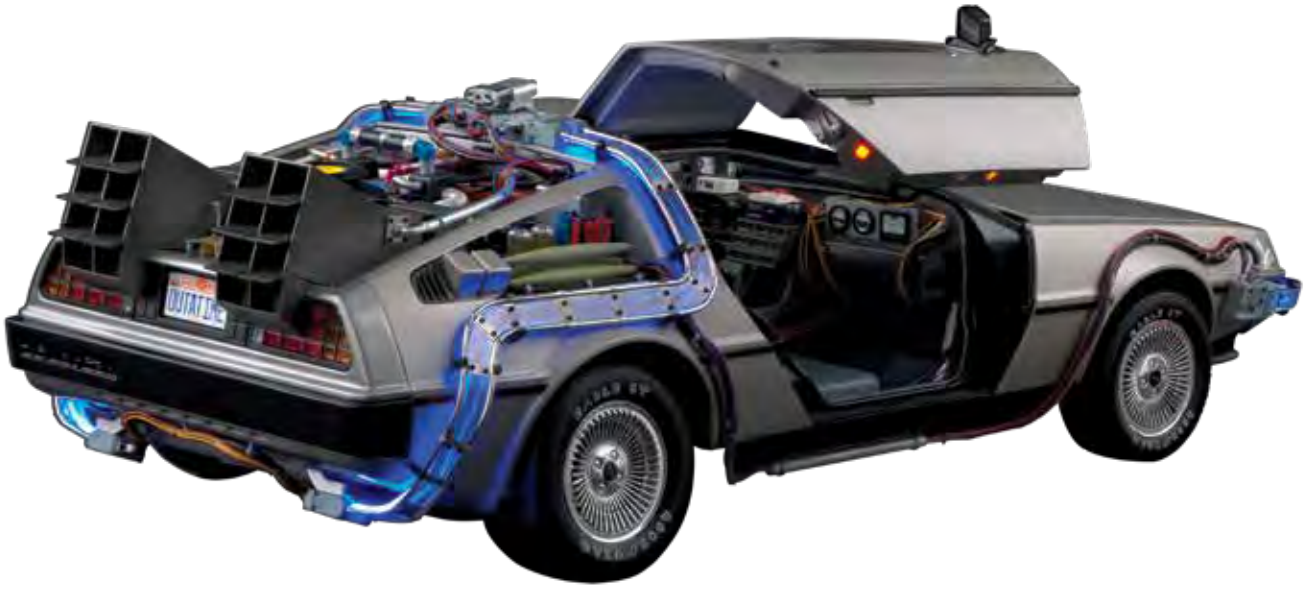
# THE DASHBOARD



This is what your finished assembly should look like.



This is how the finished dashboard will look in place on your model.



# TOMORROW'S WORLD

PRODUCTION DIARY

*A night shoot on location involves a futuristic taxi and a flying police car – that refuses to fly!*



**TAXI FOR BIFF**

*The futuristic flying cab that was created for* Back to the Future Part II *by John Bell and Michael Scheffe. Scenes of it in flight were created using models at Industrial Light and Magic.*

For the crew of *Back to the Future Part II,* the week of April 17-21st 1989 was spent in the 21st century. The week began and ended on Stage 27 at Universal Studios, with Michael J Fox in a long wig playing Marlene McFly with her grandparents, but on 18th-20th April, the crew travelled to a street in El Monte, California, the location used for the exterior of the McFly house.

## CALL THE COPS

Several of the scenes for this week involved police officers Reese and Foley, played by Mary Ellen Trainor and Stephanie E Williams, and Marty's girlfriend Jennifer, now played by Elizabeth Shue because of the unavailability of Claudia Wells.

*Back to the Future* creators Robert Zemeckis and Bob Gale used the names Reese and Foley as a running gag through their scripts together. There is a Private Foley in *1941* played by John Candy, with Mickey Rourke as Private Reese. The names also appear in *I Wanna Hold Your Hand*, *Used Cars* and the first draft screenplay of *Back to the Future*.

## FRIENDLY FACES

In this vision of the future, the police are friendly - Zemeckis said he wanted them to be attractive so that people wouldn't mind being arrested. Moreover, actress Mary Ellen Trainor was, at the time, Robert Zemeckis' wife.

The police uniforms were old-fashioned in design, with traditional peaked caps, but augmented with modern technology. The caps have an electronic display around the hatband,

where the police badge would usually be and the officers carry illuminated batons.

Reese and Foley bring Jennifer back to what they believe is her home in Hilldale – little knowing that this is Jennifer from 1985, and she has only recently arrived in 2015.

We learn that Hilldale is not the place it was. Officer Reese calls it "Nothing but a breeding ground for tranqs, lobos and zipheads."

"Yeah," agrees Foley, "they ought to tear this whole place down."

For the cops' arrival at the McFlys', production designer Rick Carter created a futuristic exterior door opened by a thumb-print scanner which greets Jennifer as she is helped in. Zemeckis and Gale made thumbprints an important element of future technology - they are used for currency, security and identification. Jennifer is first identified by her thumbprint.




**COP CAR**
*Model work of the flying police car was used to complete the effect when there was trouble levitating the full-sized car.*

## FLYING CAB

Filming took place at the corner of Oakhurst Street and Somerset Avenue in El Monte. The area was dressed with various props, including a recycling bank and a 'Welcome to Hilldale' sign that had been sprayed with graffiti to turn 'the address of success' into 'the address of suckers'.

One of the night scenes showed Old Biff (Thomas Wilson in heavy make-up) emerging from a futuristic cab to make an illicit trip in the DeLorean. The cab was designed by John Bell with Michael Scheffe, who had worked on the DeLorean. It was Scheffe's idea to base the cab on a Citroen DS 19.

Although there was a full-size cab on location, the majority of the flying work was done with models in post-production at ILM. The miniature replica of the cab also featured a scale model of the driver, complete with a parrot on his shoulder.

> **"Nothing but a breeding ground for tranqs, lobos and zipheads."**
>
> OFFICER REESE

The last shot at the El Monte location was the flying police car coming into land and the officers emerging. The intention was to do this as a practical effect, in one take, starting from below and pulling up as the cops emerge.

Special Effects Supervisor Michael Lantieri and Tim Flattery, who designed and built the futuristic police car, were intending to lower the vehicle on an industrial forklift. The base of the car had been made to accommodate the lifting arms.

## LIFT-OFF?

However, when the time came to practice the shot, it became clear that the forklift was unable to bear the weight. As it attempted to raise the prop car, the rear of the forklift truck was itself being lifted off the ground.

Eventually, the technicians found a way to raise and lower the car by supporting the forklift with scaffolding poles. Unfortunately, this meant that only the front portion of the car could be shown landing - a much less dynamic shot but an unavoidable compromise. Zemeckis was upset not to get the material he wanted, but at least he got something. The animators at ILM would fill in the rest by showing the flying car coming in to land using a model shot. ■ TO BE CONTINUED....




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# GRIFF TANNEN

LIKE BIFF, BUT WORSE!

## The cybernetically-enhanced grandson of Biff Tannen!

In 2015, Marty McFly Jr has fallen in with a bad crowd. Baddest of the bad and self-appointed leader of the pack is Griff Tannen, grandson of Biff. But where Biff was just a bully, Griff seems to be a borderline psychopath. "Marty, be careful around that Griff character," warns Doc Brown. "He's got a few short circuits in his bionic implants!" Nevertheless, Marty has to confront Griff in order to save his future son from prison.

At the Café 80s, Marty meets the original Biff, then very quickly meets his grandson. A hulking figure in a weird steel headpiece, Griff harasses his old grandpa much as Biff bullied George McFly. He is also terrorising Marty Jr, who has been drawn into a hare-brained robbery plan. Marty Jr can't summon the nerve to get away from Griff, but when Junior is knocked out behind the counter at the café, Marty takes his place, suddenly standing up to Griff with a ferocity that surprises him and his cybernetically-enhanced goons. But before long, a familiar scenario is repeating itself, Marty is tearing across the town square with a furious Griff and his gang in hot pursuit. Then Marty spots some girls playing on... What are those things? *Hoverboards?*

Thankfully it doesn't take Marty long to master a 21st century anti-gravity skateboard, but he lacks some rather crucial knowledge - hoverboards won't work on water without extra power. As he slows to a halt in the middle of the lake in front of the courthouse, Marty realises that he is trapped, and Griff is not far behind - on an armour-plated, super-powered hoverboard of his own! ■

> **"He's got a few short circuits in his bionic implants."**
>
> DOC (ON GRIFF)

*Left and above: Bionic psychopath Griff Tannen (Thomas F Wilson) and his gang (Ricky Dean Logan, Jason Scott Lee and Darlene Vogel) bring mayhem to Hill Valley in 2015.*

## QUICK FACTS!

### BIONIC MAN

- Thomas Wilson enjoyed playing Griff in *Back to the Future Part II* as the role (like 1955 Biff) didn't require extensive prosthetics. Sound effects were added when Griff moved to suggest his bionically-enhanced limbs.
- When creating Griff's outfit, costume designer Joanna Johnston consulted technology specialists who told her that in the future, clothes would contain computerised devices. She gave Griff bracelets of circuitry and wiring on his wrists.

# NEXT ISSUE...

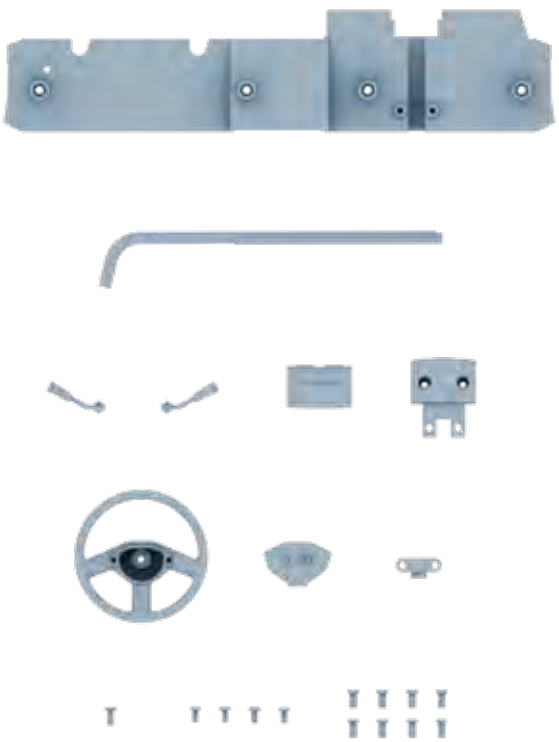
## STEERING

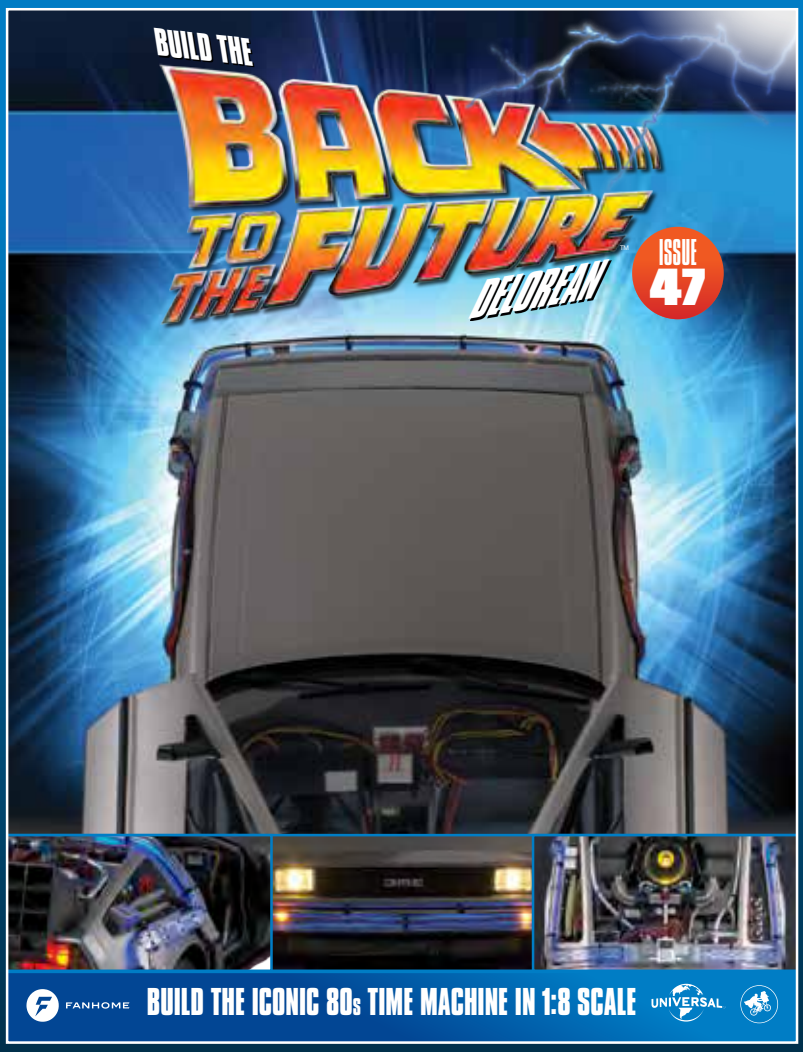
Continue adding details to your DeLorean model.

In the next issue you'll receive these parts for your DeLorean, plus detailed step-by-step instructions telling you how to add them to your model.

### YOUR CAR PARTS...

STEERING






## PRODUCTION DIARY

Filming continues on *Back to the Future Part II* with new scenes for Biff and Marty.

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# BUILD THE BACK TO THE FUTURE™ DELOREAN

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