BUILD THE

BACK TO THE FUTURE™ DELOREAN

ISSUE 40







FANHOME

BUILD THE ICONIC 80s TIME MACHINE IN 1:8 SCALE

UNIVERSAL

BUILD THE

BACK TO THE FUTURE DELOREAN

ISSUE 40





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In the last 100 years, the Universal Studios backlot has provided the backdrop to countless movies.

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YOUR CAR PARTS

With this issue you receive a panel, pedals, a switch and wire and fixings.

40A PANEL



40B CLUTCH PEDAL



40C GAS PEDAL



40D BRAKE PEDAL



40E PIN

40F BRACKET



40G TAB



40H TABS



40I SPRING



40J SWITCH AND WIRE



10 x AP SCREWS



3 x BP SCREWS



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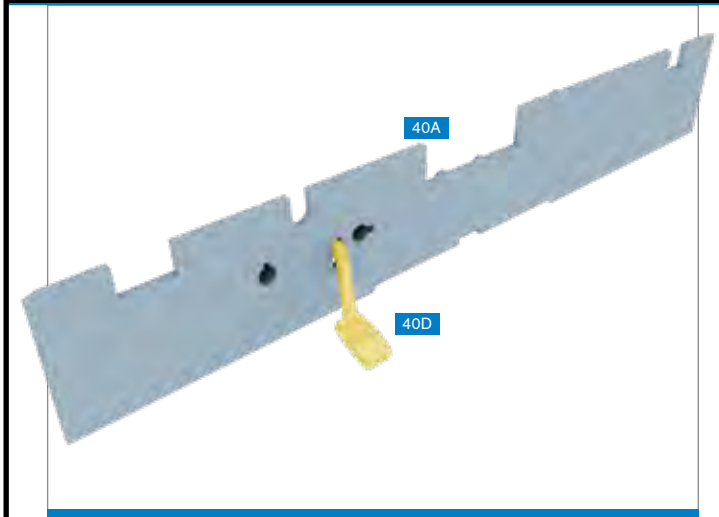
DRIVE TIME

Add the pedals to the floor of your DeLorean.

In this issue you will assemble more of the internal parts by following these step-by-step instructions.



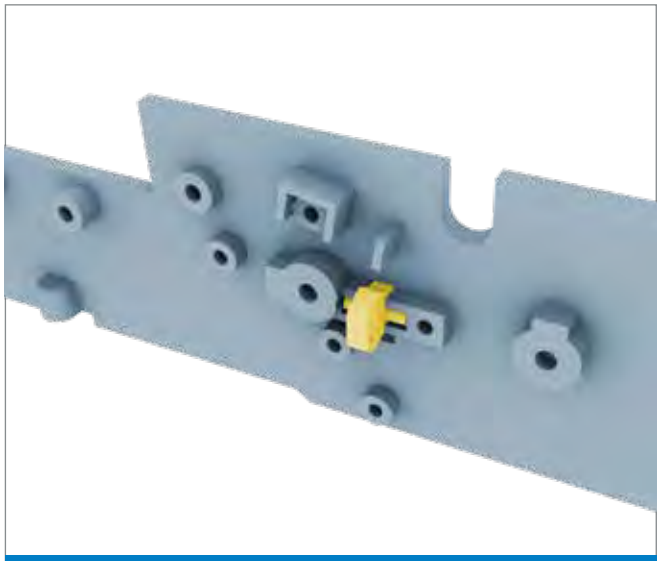
THE PEDALS AND FLOOR



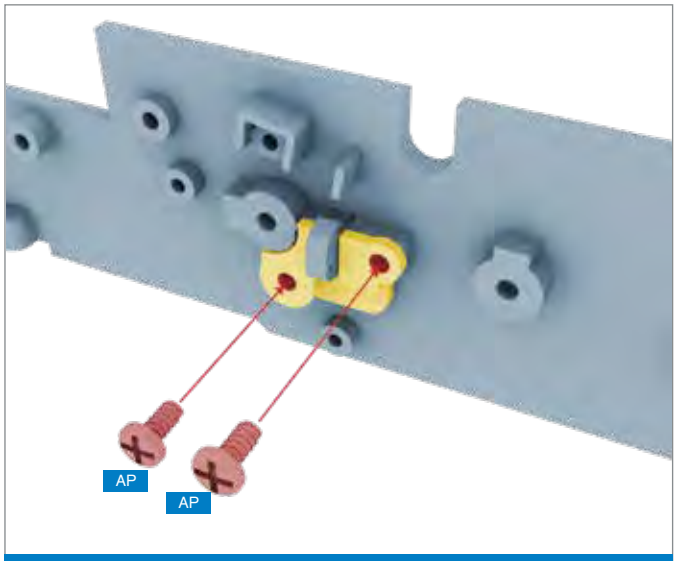
STEP 1 ›› Insert 40D (brake pedal) through the middle hole in the panel 40A.



STEP 2 ›› Pass the pin 40E through the larger hole at the back of the brake pedal.



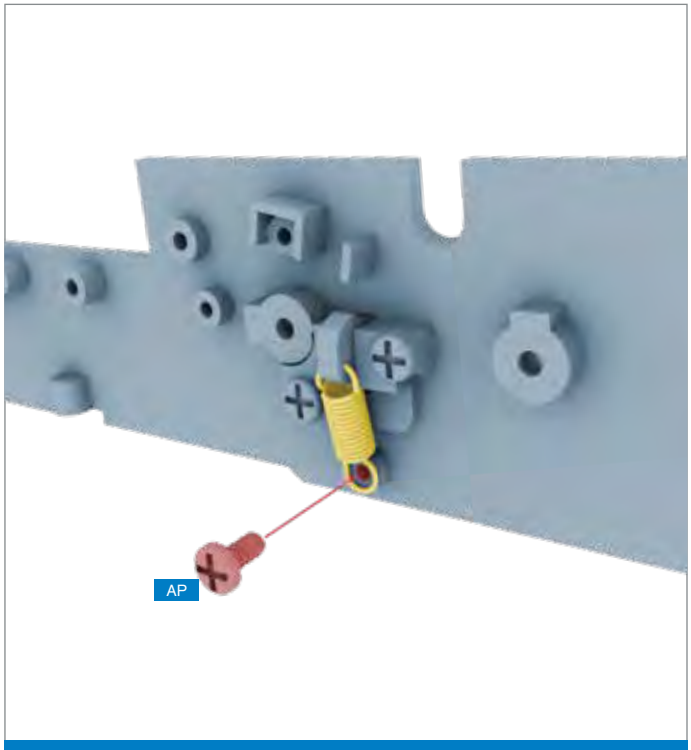
STEP 3 ›› Gently pull the brake pedal through to the front of the panel, locking the pin in place.



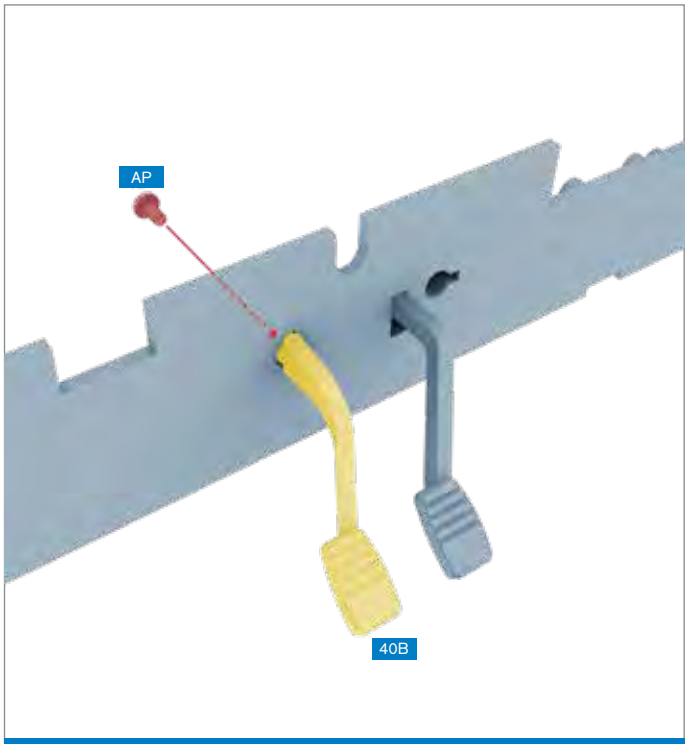
STEP 4 ›› Secure the pedal and pin with piece 40F and two AP screws in the holes shown.



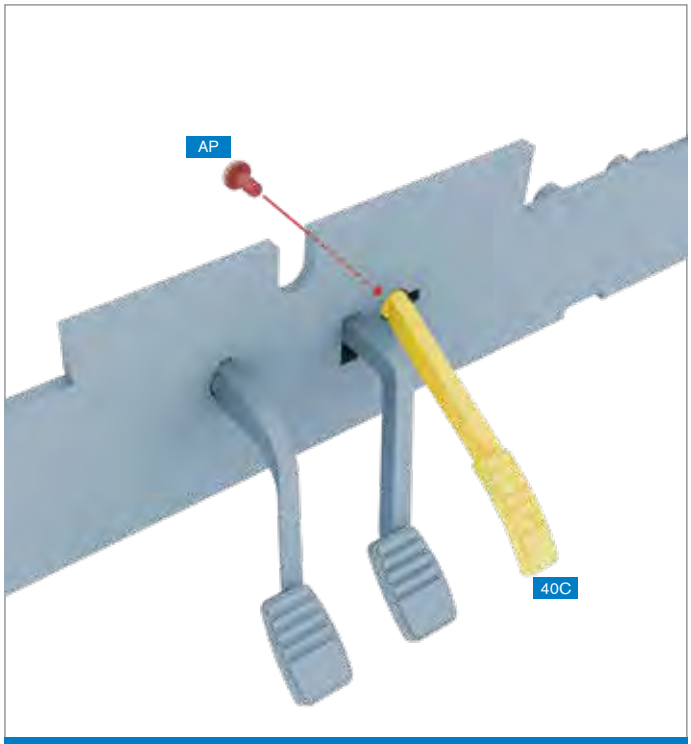
STEP 5 ›› Hook the end of the spring (40I) through the smaller hole at the end of the brake pedal.



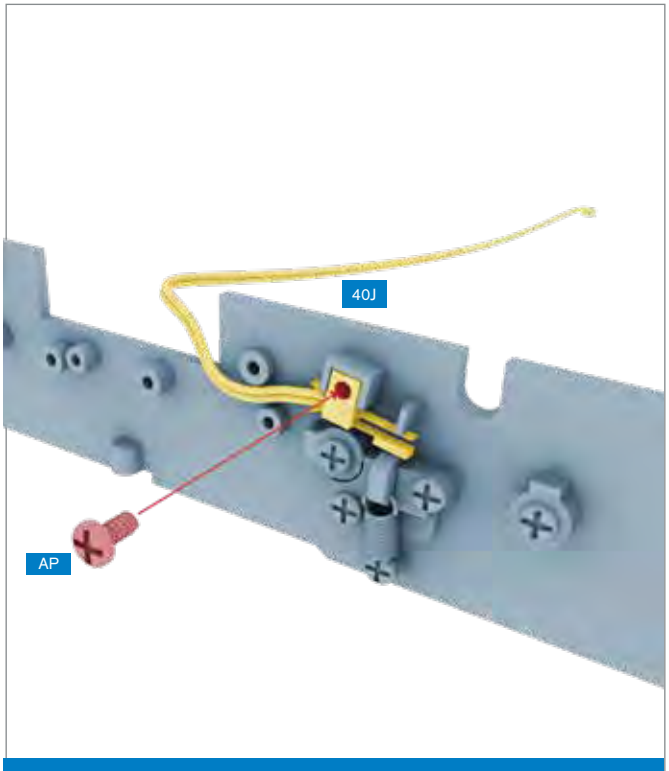
STEP 6 ›› Secure the spring to the panel with an AP screw.



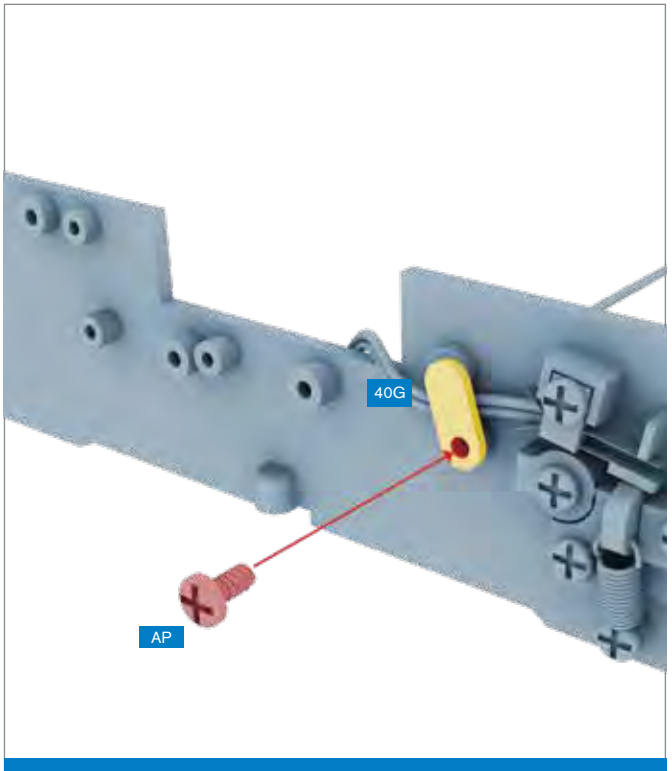
STEP 7 ›› Insert the end of 40B into the hole to the left of the brake pedal and secure with and AP screw.



STEP 8 ›› Insert the end of 40C into the hole to the right of the brake pedal and secure with an AP screw.



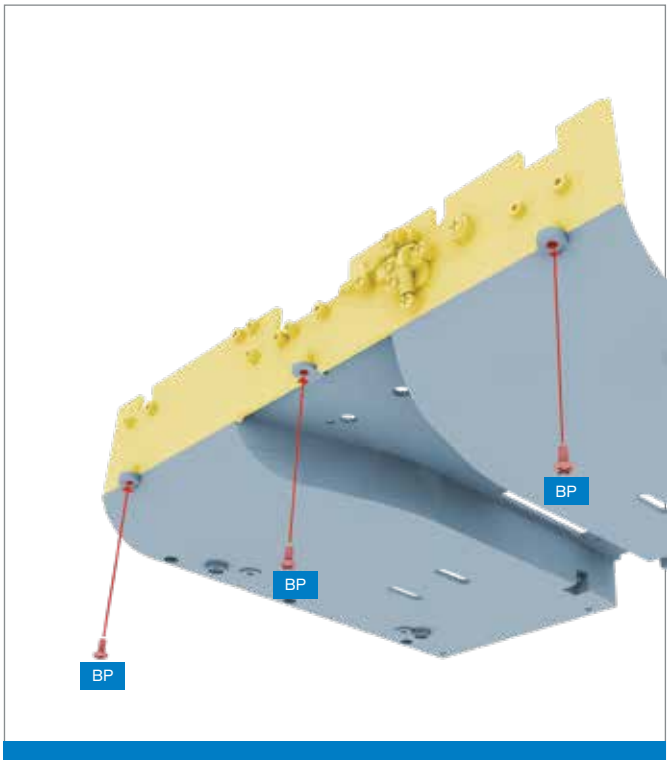
STEP 9 ›› Fit 40J into the corresponding mounting point on the rear of the panel, and secure with an AP screw.



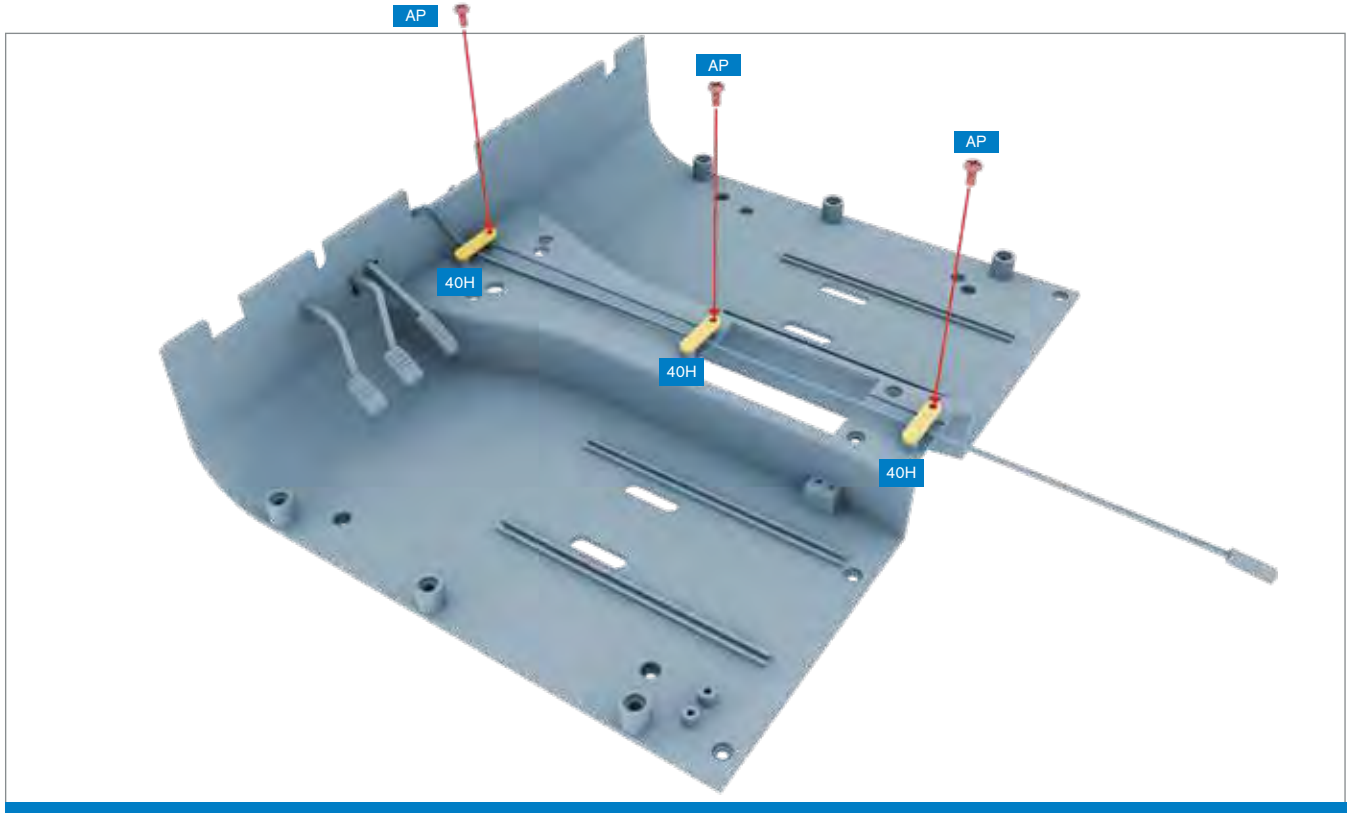
STEP 10 ›› Secure the wire from 40J with the tab 40G and an AP screw.



STEP 11 ›› Place panel onto the floor, with the wire from the switch positioned along the centre.



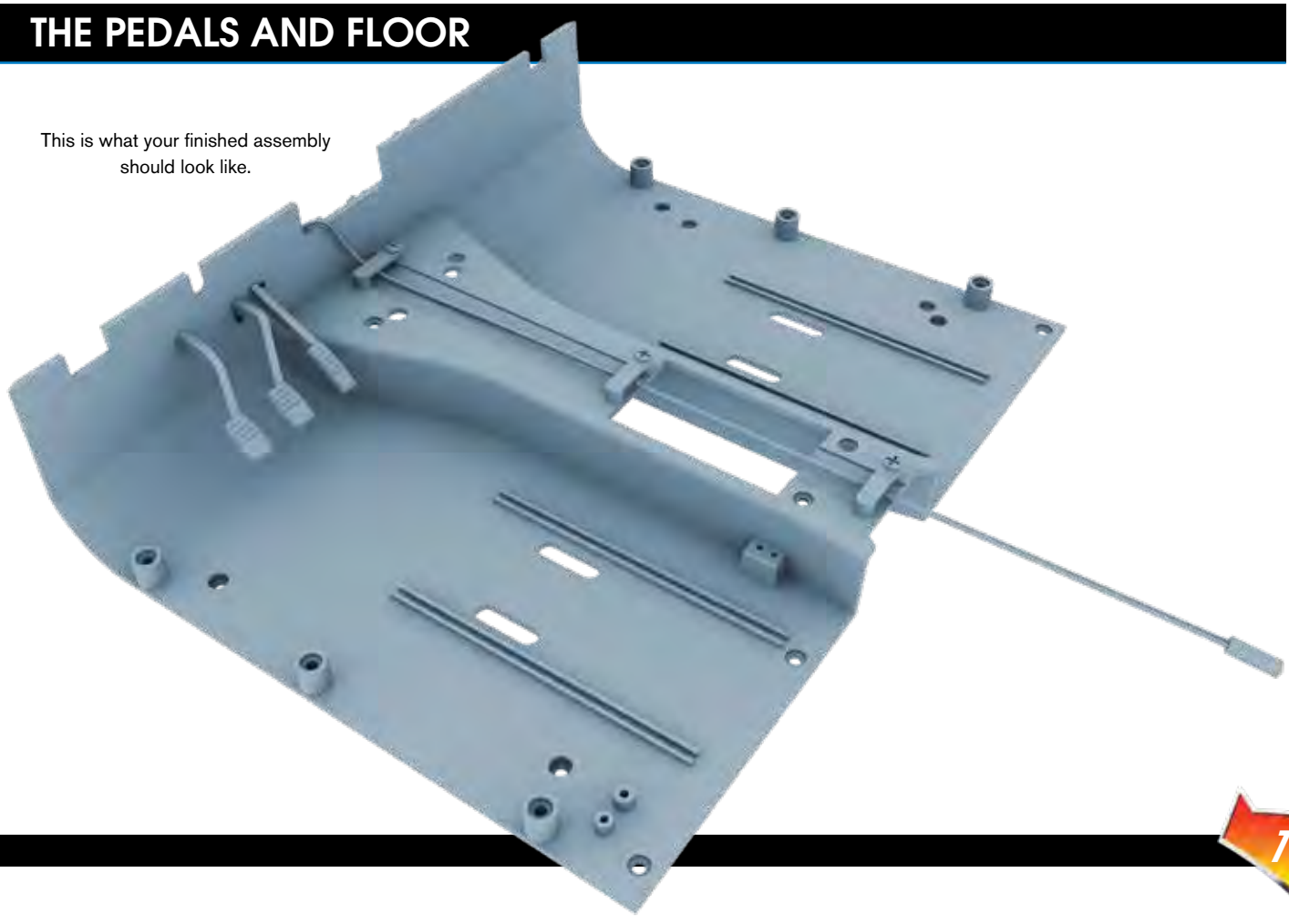
STEP 12 ›› Secure the panel to the floor with three BP screws.



STEP 13 ›› Secure the wire along the centre of the floor with the three 40H tabs and thee AP screws.

THE PEDALS AND FLOOR

This is what your finished assembly should look like.



BIFF'S BACK!

PRODUCTION DIARY

As work continued on Back to the Future Part II, *Thomas F Wilson stepped back into Biff Tannen's shoes.*



© United Archives GmbH/Alamy Stock Photo

FAMILIAR FACE
Thomas Wilson as 1955 Biff and 2015 Biff, a composite shot from Back to the Future Part II *created using the Tondreau motion-control camera.*

© Photo 12/Alamy Stock Photo

The last week of February 1989 saw work continue on *Back to the Future Part II* on the 1955 Hill Valley Town Square set at Universal Studios. Only a few of the shopfronts had to be dressed in Fifties decor as the whole square would not be seen.

TWO BIFFS

For the first scene, two versions of Biff Tannen would be filmed with the Tondreau/VistaGlide motion-control camera rig. Thomas J Wilson was called to Universal at 4.00 am to be made-up as 2015 Biff with a bald cap, white wig and prosthetics covering his face. Later, Wilson wrote a detailed, not-entirely-serious 'production diary' about his return to the *Back to the Future* universe, for *US* magazine. "February 27. After six hours of painstaking make-up application, 45 minutes of wig puttering, I climbed into Biff's fat suit and wardrobe and finally – utterly spent after a night of pre-shoot insomnia and a seven-hour baptism of fire – I was ready to begin the day's work. My first shot was a split screen in which I played both old Biff at 78 and young Biff at 18, using the 'Tondreau' camera, a moving, black, cyclopean monolith that memorizes its own movements in order to repeat them with computerized precision. I knew that these splits would be technically demanding and time-consuming, but hoo boy, I had no idea."

STREET SCENE

To program the Tondreau, Wilson had to walk through his moves as both characters, even

> **"For my first shot... I played old Biff at 78 and young Biff at 18."**
>
> THOMAS F WILSON



BACK IN TIME
Thomas Wilson, Lisa Freeman and Lea Thompson recreate Hill Valley 1955 in one of the first scenes shot for Back to the Future Part II.

though he was in his 2015 Biff make-up. Then, he filmed old Biff's part of the scene, listening to young Biff complain about his car.

"After that half of the shot was complete," Wilson continued, "I had to have the make-up removed quickly and return as young Biff. It was a one hour process whereby the latex pieces are peeled from my face with the help of some solvent that, inexplicably, works best when poured directly into my eyes. Ouch." Despite the gruelling procedure, Wilson managed to bring Biff back to life in fine style.

CAR TROUBLE

With more make-up applied to his stinging face, Wilson went back to the square as 1955 Biff. Michael J Fox was required to lurk in the back of the scene as Marty, and actor Charles Fleischer – who had provided the voice (and stand-in body) of Roger Rabbit for Zemeckis in *Who Framed Roger Rabbit?* – played Terry, the put-upon mechanic who charges Biff $300 for fixing his car after the collision with the manure truck. "The manure... I remember that!" chuckles old Biff.

For the scenes opposite 'himself' Wilson had a radio earpiece fitted so that he could listen to a playback of old Biff's dialogue and receive direction from Robert Zemeckis.

Next to be filmed was the short scene where Biff hassles Lorraine (Lea Thompson) and her friend Babs (Lisa Freeman) as they pick up Lorraine's pink taffeta dress for the dance. (Freeman had played Babs in the first film.)

Lorraine is quick to refuse Biff's offer to take her to the dance, because she's going with 'Calvin Klein' and as he grabs her, she kicks him in the shins and crowns him with the box containing her dress. "Biff Tannen, I wouldn't be your girl even if you had a million dollars!" Biff says one day he *will* marry her... and old Biff shows him the way to make it happen, with a certain Sports Almanac! ■

TO BE CONTINUED....



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Left: The garage set at Universal Studios , featured in Back to the Future, *is now part of a 'New York Streets' display. Above: The entrance to the studios features the Universal 'world' logo.*

UNIVERSAL STUDIOS BACKLOT

THE HOME OF HILL VALLEY

"This is a place for our imaginations"

STEVEN SPIELBERG

The exterior sets at Universal Studios have provided the background for many film classics.

For more than 100 years, the Universal backlot has been used for countless films, television productions and commercials. It can be seen in films such as *Psycho*, *The Sting*, *The Blues Brothers, The War of the Worlds* and of course, *Back to the Future*.

The 'New York Street' area covers some four acres and consists of 13 city blocks of buildings. These include Courthouse Square, better known as Hill Valley Town Square, with its surrounding shops and a garage which were seen in a variety of guises in the *Back to the Future* trilogy. For a while, Universal Studios was even home to a dedicated *Back to the Future* ride, with interactive film sequences starring Christopher Lloyd, which we will look at in detail in a future issue.

Early in the morning of Sunday 1st June 2008, a terrible fire broke out on the lot and quickly consumed several blocks of set facades, which were constructed mainly of wood. Happily, many were rebuilt to their original designs and can be seen today on the famous Universal Studios tour.

At the re-opening of the lot after rebuilding work in 2009, Steven Spielberg, who had made so many films at the studios, said, "A backlot can be anything an art department, a director or a writer wants it to be. This is a place for our imaginations, and I think it will be around forever." ■

QUICK FACTS!

TAKE THE TOUR!

The Universal Studios tour has been taking people behind the scenes of a working movie studio since 1915, when visitors paid 25 cents to sit on bleacher seating and watch films being made. In 1964, pink and white 'Glamor Trams' were introduced, later replaced by sophisticated state-of-the-art interactive carriages. Visitors are taken past the Bates Motel from *Psycho* and can witness a recreation of the shark attack from *Jaws* featuring a full-size animatronic shark. There are also displays by stunt performers and attractions based on the latest movies.

NEXT ISSUE...

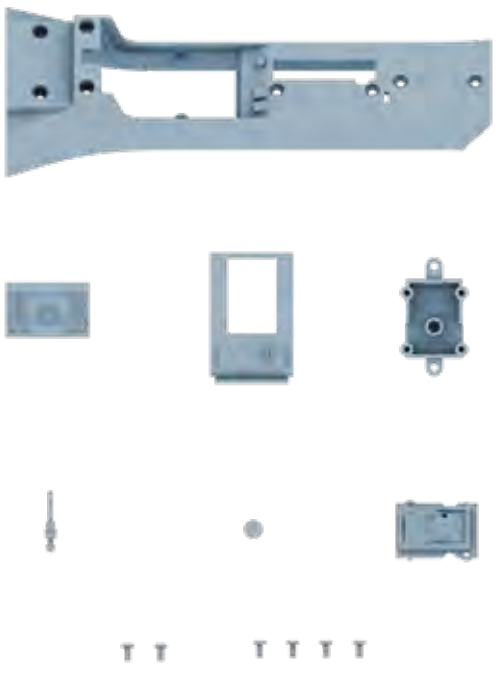
CENTRE CONSOLE

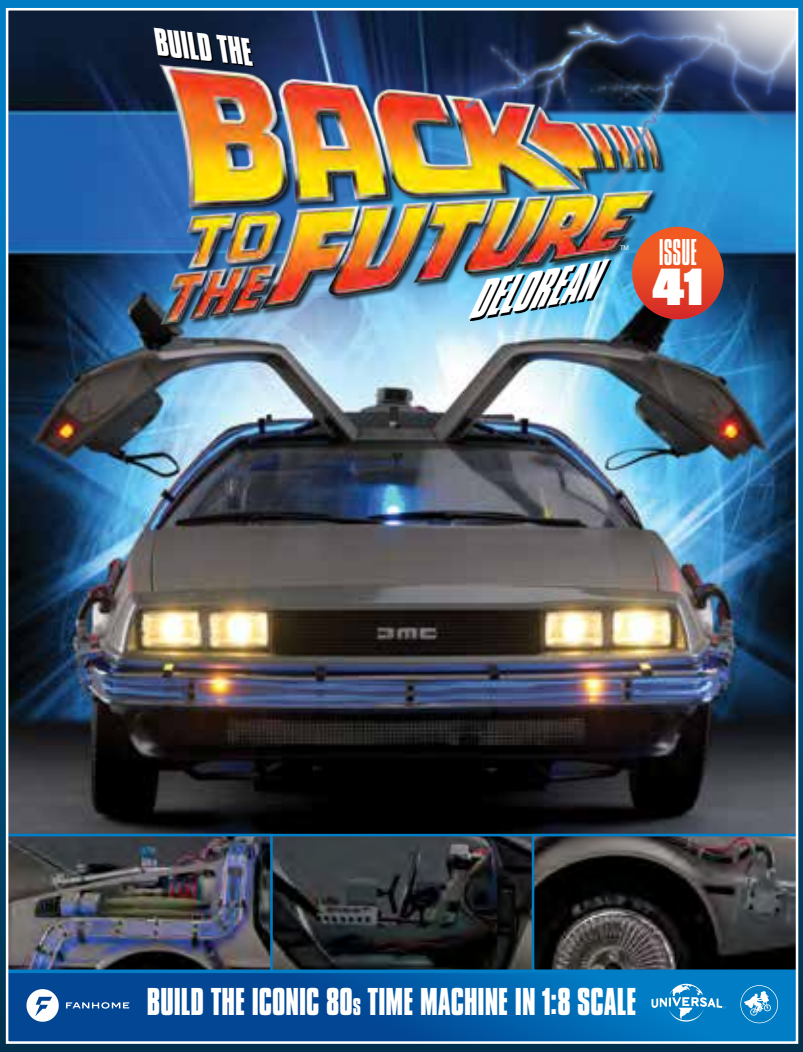
Add the centre console and gearstick to your DeLorean model.

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...

CENTRE CONSOLE





BIFF-HORRIFIC

Filming continues on *Back to the Future Part II* to create a nightmarish version of Hill Valley.

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