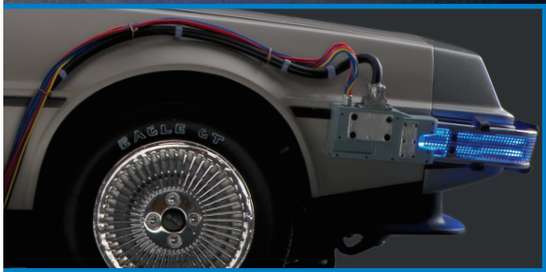
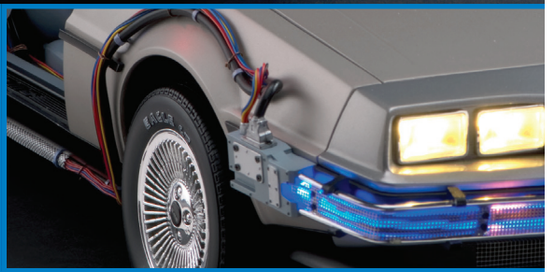
BUILD THE BACK TO THE FUTURE™ DELOREAN

ISSUE 102









FANHOME

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

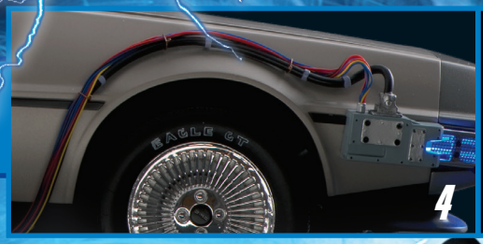
UNIVERSAL

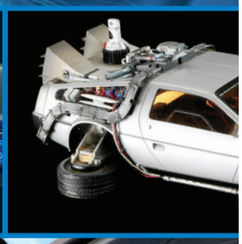
TP_DeLorean_UK_102.indd 1 30/11/2023 17:04

BUILD THE

BACK TO THE FUTURE DELOREAN

ISSUE 102





CONTENTS

4 **DRIVE TIME**
Fit the LEDs for the tail lights to your DeLorean, following the step-by-step guide.

8 **INDUSTRIAL LIGHT & MAGIC**
More on how the effects for *Part II* were created, including a 'retrofitted' DeLorean model.

10 **A TIME TRAVELLER'S GUIDE**
Flashback to the beginning of the trilogy and Marty's encounter with Doc's giant amplifier!

© 2023 Universal City Studios LLC and Amblin Entertainment, Inc. All Rights Reserved.
© 2023 DeAgostini Publishing, S.p.A. All Rights Reserved.

Creative Director: Maggie Calmels
Managing Editor: Ben Robinson
Art Editor: James King
Writer: Kieran Grant

ISSN: 2057-357X
Printed in Italy/Czech Republic

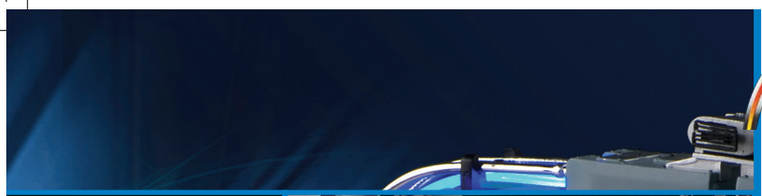
The price of this issue includes the magazine and the attached pieces for model assembly.

UNITED KINGDOM
Published by DeAgostini UK Ltd c/o Royds Withy King, 69 Carter Lane, London EC4V 5EQ.

UNITED STATES
Published by DeAgostini Publishing USA, Inc. 299 Park Avenue, New York,New York 10171.

TO OUR READERS
The publisher reserves the right to modify any components as required during the course of the collection. Not suitable for children under the age of 14 (12 in the USA).
This product is not a toy and is not designed or intended for use in play. The collection is complete in 158 issues. Items may vary from those shown.

WARNING
Any reproduction, even partial, of the contents of the magazine is prohibited without permission from the Publisher. The model and the magazine that accompanies it are strictly for private use, and within the family, in accordance with Article L122 - 5 10 of the Code of Intellectual Property. Any reproduction other than that provided for in Article L122 - 5 20 of the Intellectual Property Code is prohibited. The magazine and/or elements of the collection may not be distributed, loaned, resold, rented or exploited for commercial purposes. All rights reserved.









YOUR CAR PARTS

With this issue you receive cables and wires to fit into the junction box on the front right side of your DeLorean.

102A PLUG



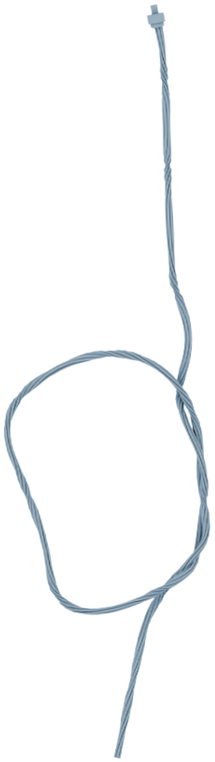
102B WIRE



102C CABLE



102D MULTICOLOURED WIRES



IP SCREW

CUSTOMER SERVICES

UK
Email customer.service@deagostini.co.uk

USA
Email support@usa.deagostini.com



More information at **fanhome.com**

FS_p02_03_DeLorean_UK_102.indd 3 30/11/2023 17:06

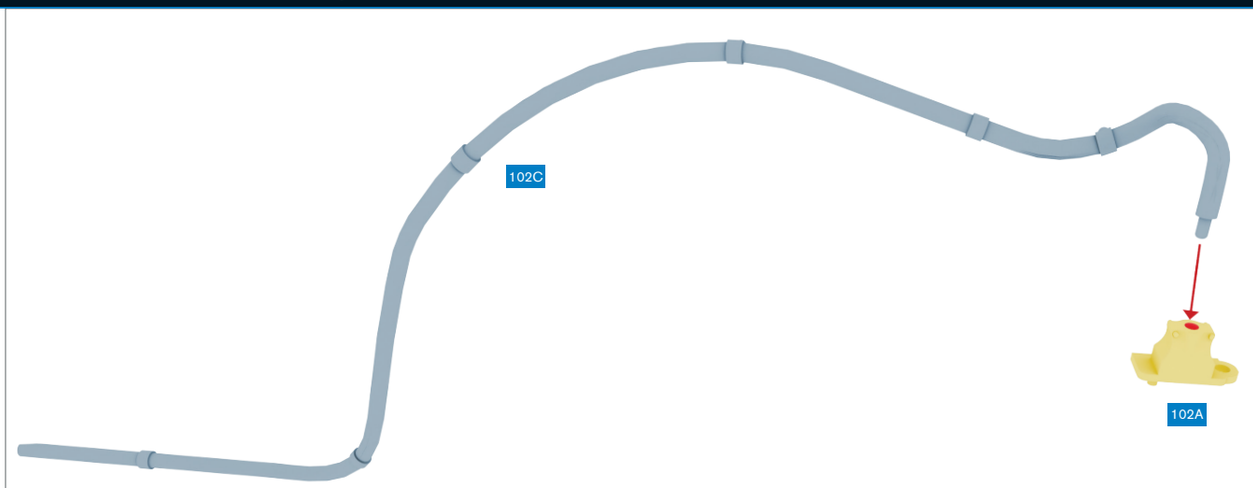
DRIVE TIME

Fix a cable and wires to the front right side of the DeLorean.

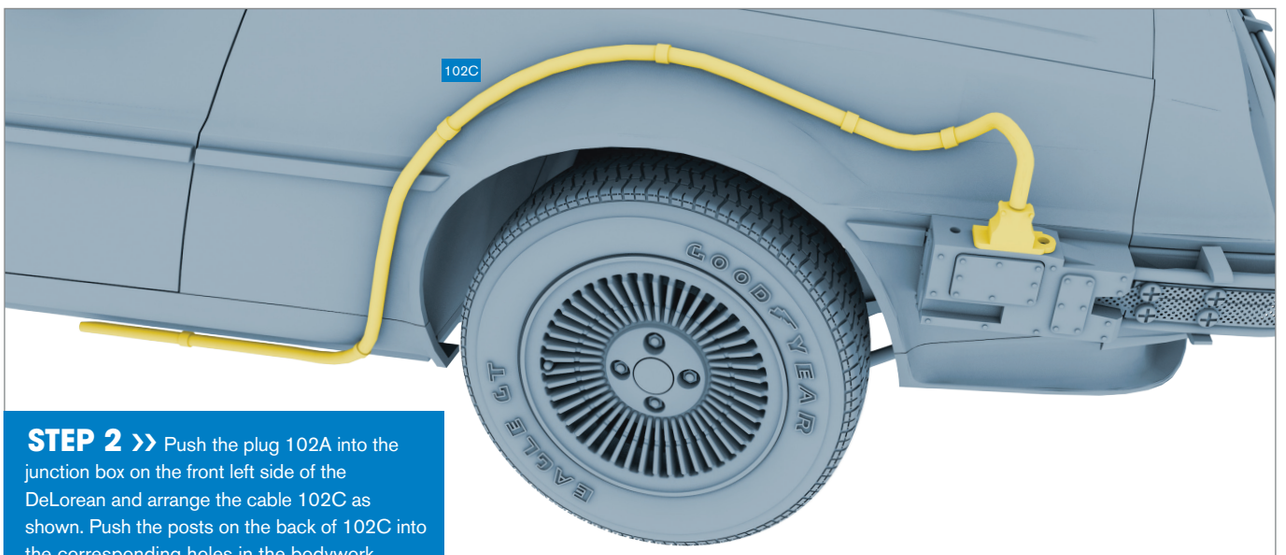


Fit a cable and wires to the junction box on the front right side of your DeLorean by following the step-by-step guide. You will need wire cutters and a pair of pliers.

CABLE AND WIRES, FRONT RIGHT SIDE

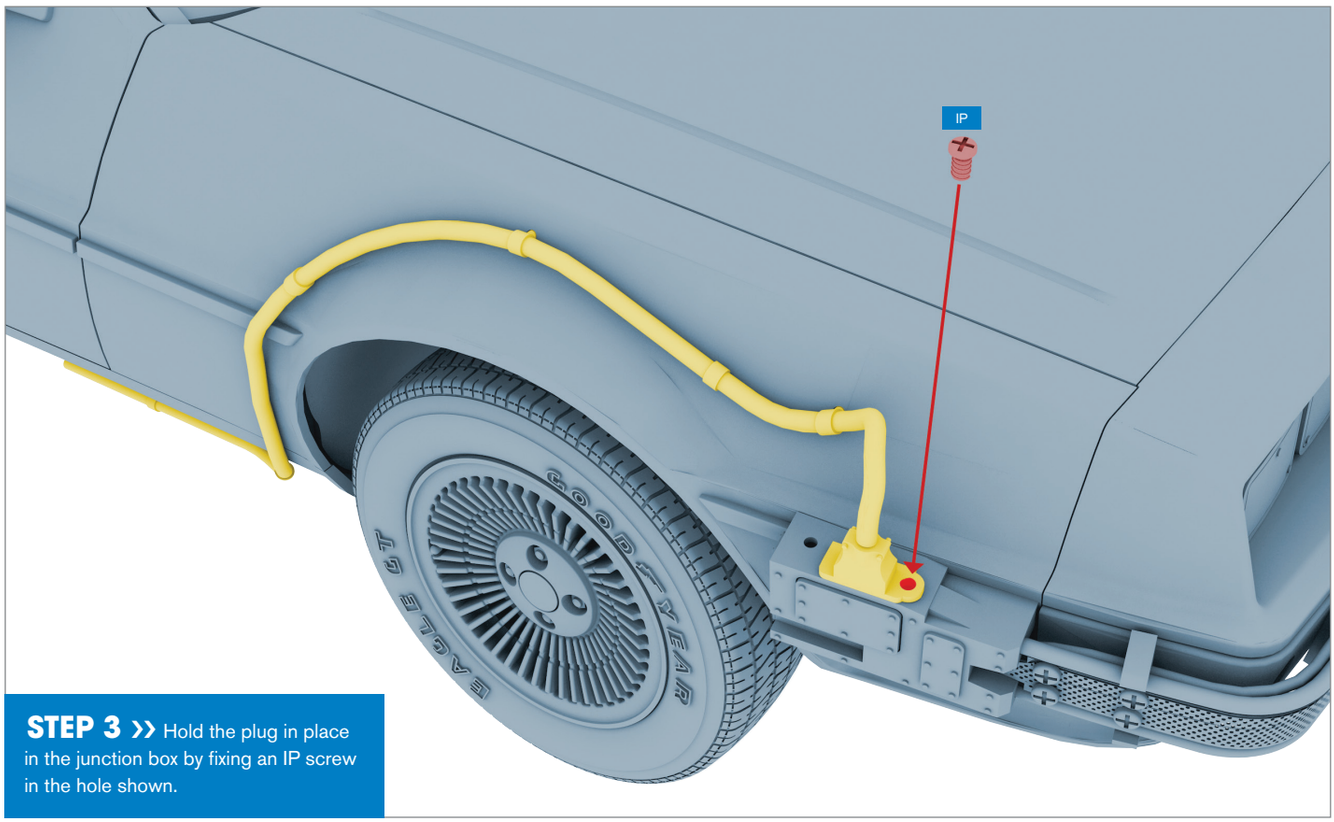


STEP 1 ›› Push the end of the cable 102C into the plug 102A.

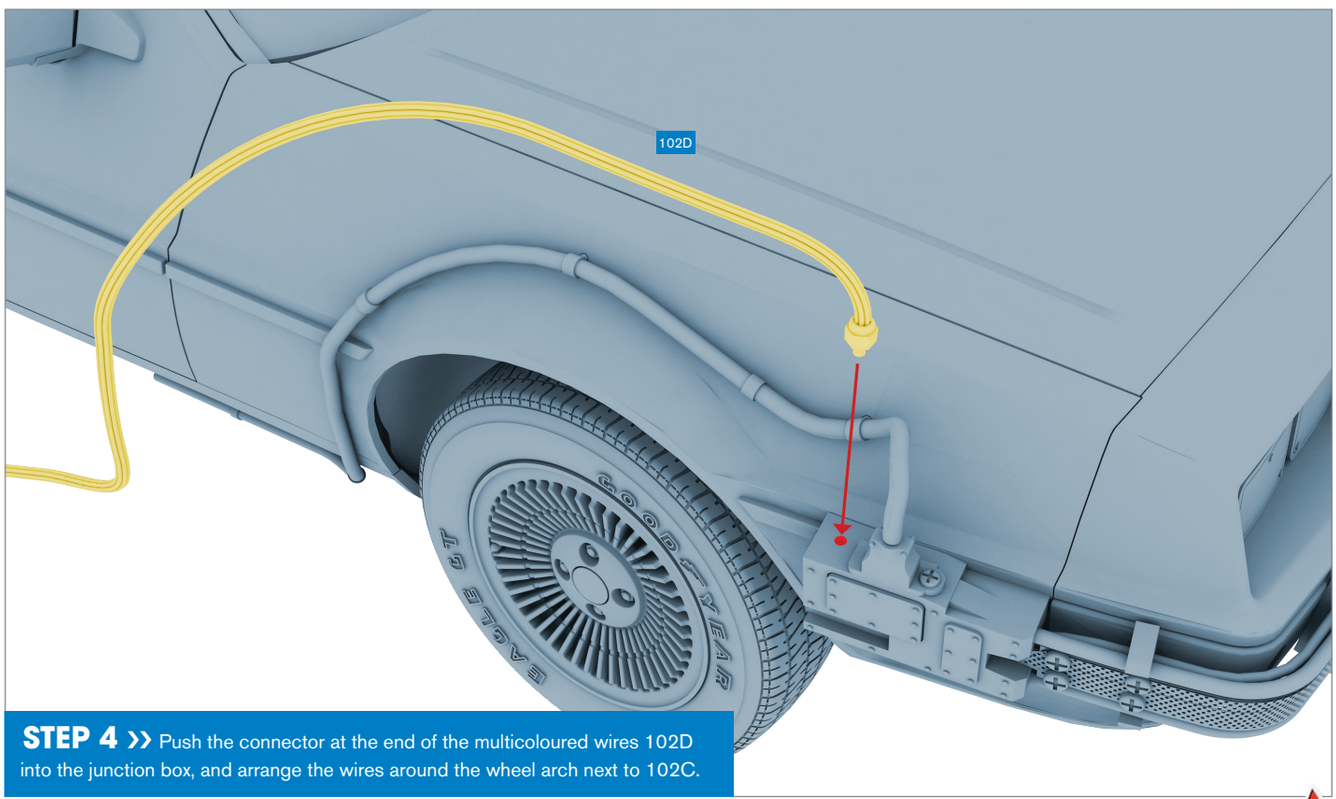


STEP 2 ›› Push the plug 102A into the junction box on the front left side of the DeLorean and arrange the cable 102C as shown. Push the posts on the back of 102C into the corresponding holes in the bodywork.

FS_p04_07_DeLorean_UK_102.indd 4 30/11/2023 17:05

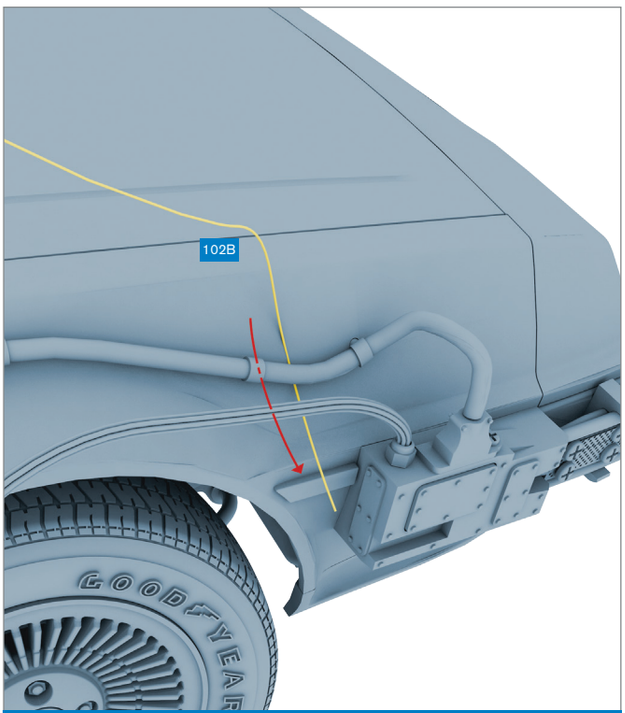


STEP 3 ›› Hold the plug in place in the junction box by fixing an IP screw in the hole shown.

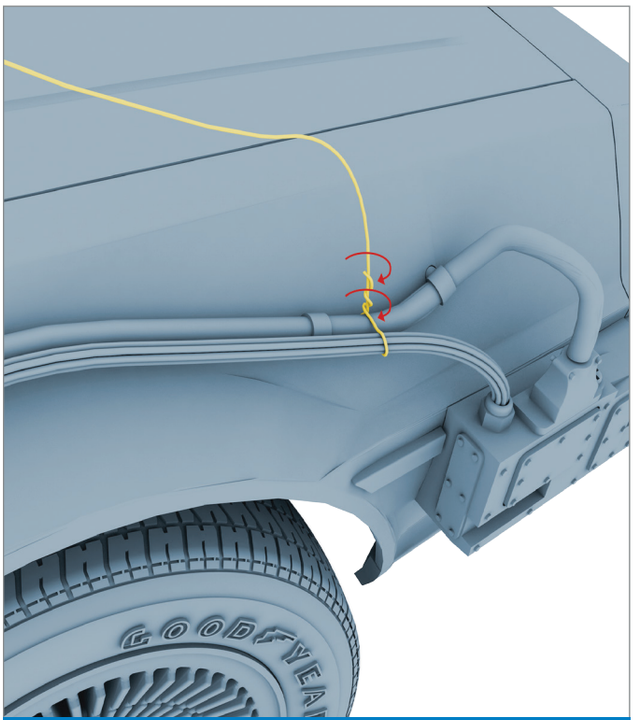


STEP 4 ›› Push the connector at the end of the multicoloured wires 102D into the junction box, and arrange the wires around the wheel arch next to 102C.

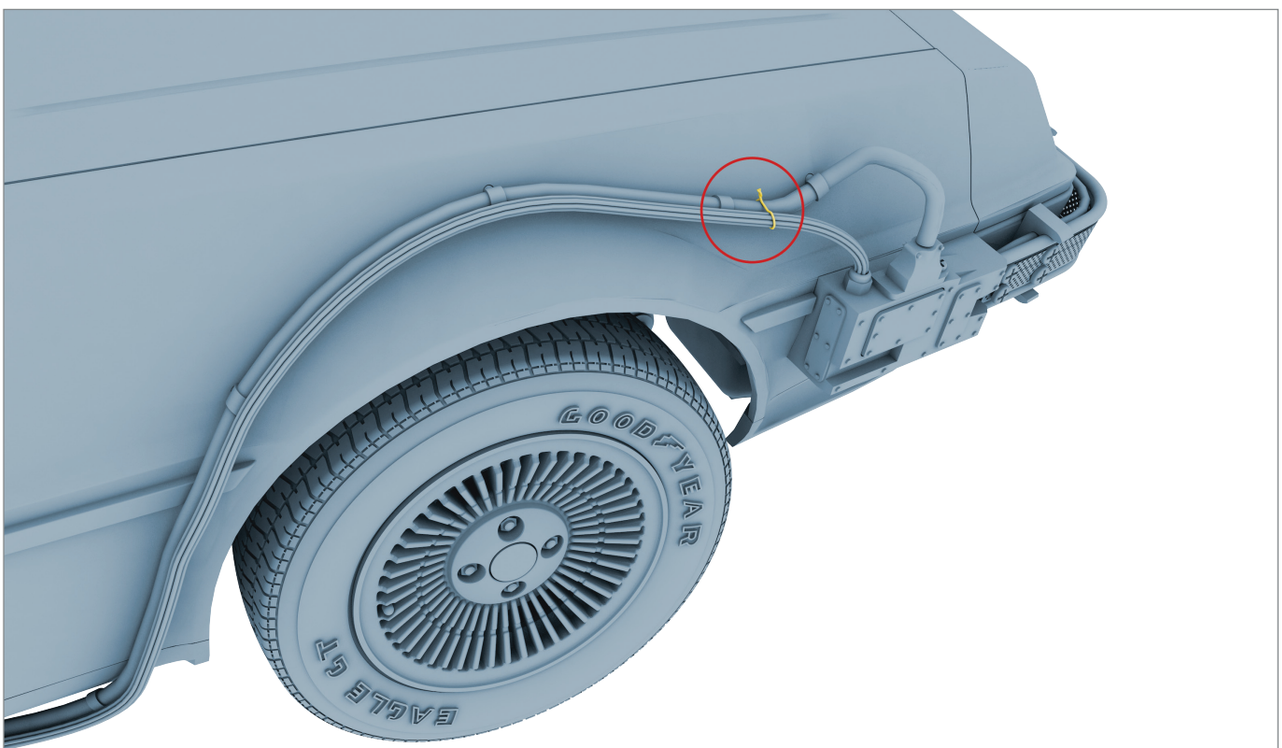
FS_p04_07_DeLorean_UK_102.indd 5 30/11/2023 17:05



STEP 5 ›› Pass the black wire 102B underneath both 102C and 102D at the place shown.

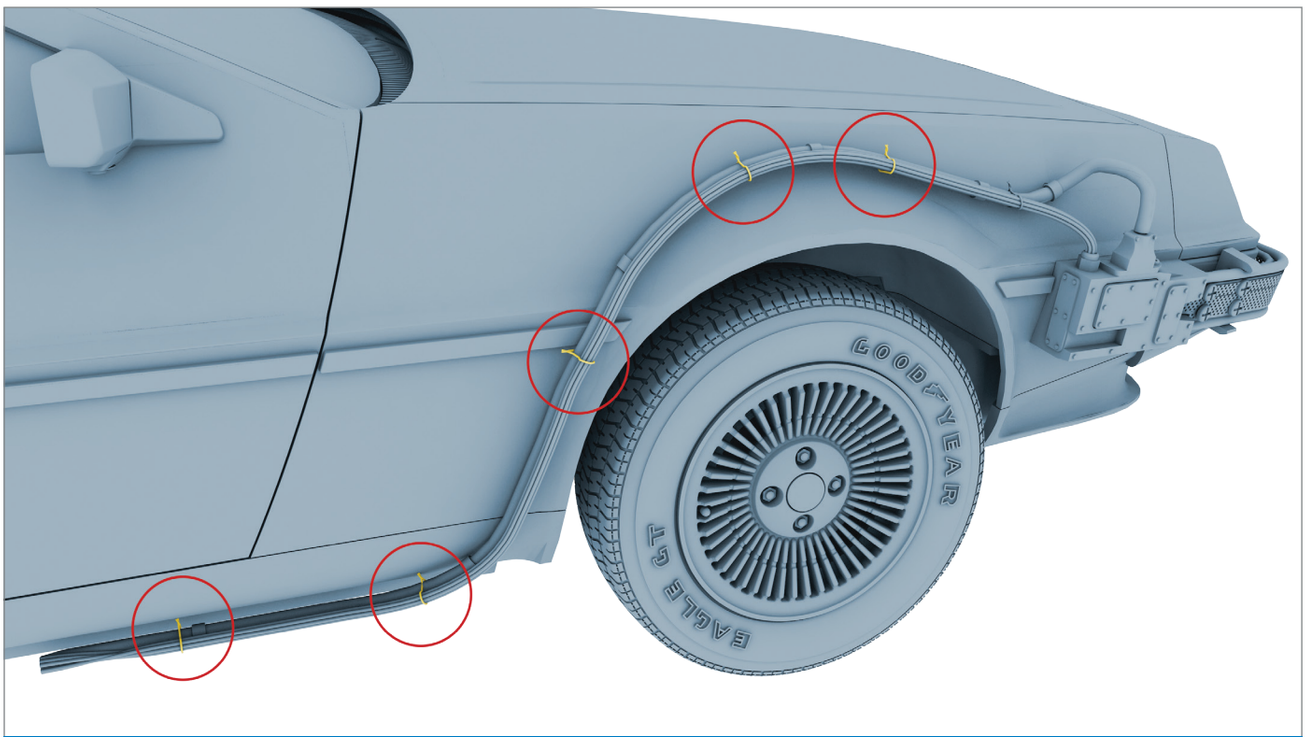


STEP 6 ›› Twist wire 102B to secure 102C to 102D. This step may be easier using a pair of pliers.

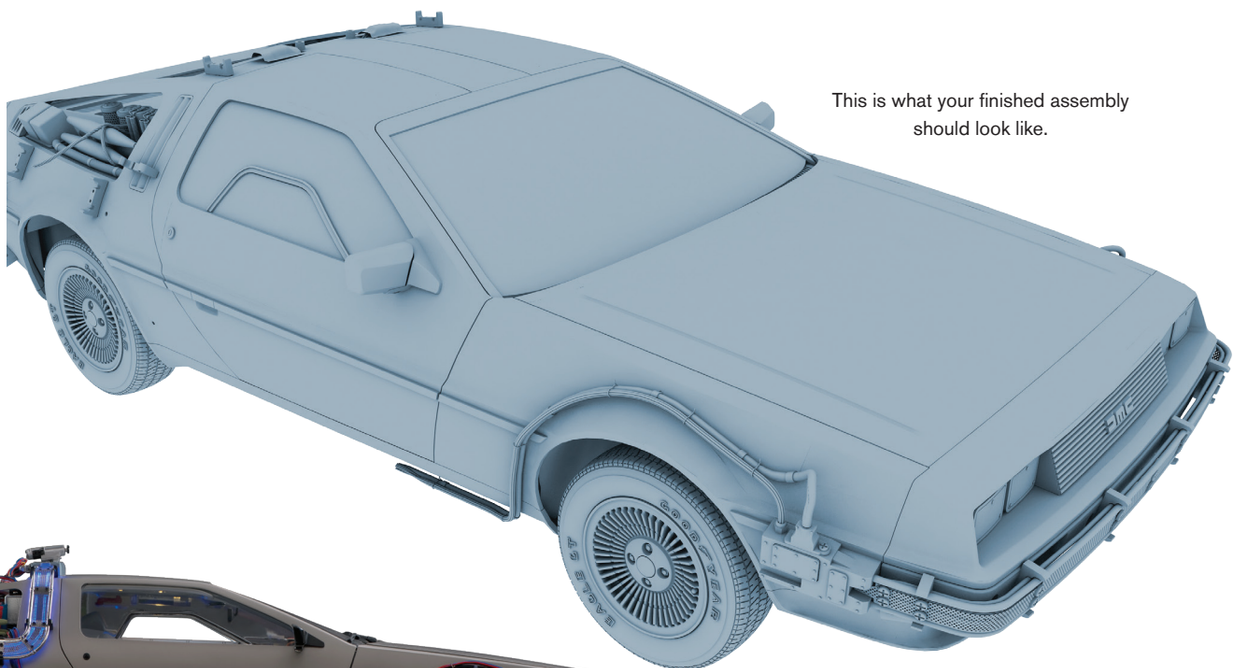


STEP 7 ›› Cut off the excess wire to leave a neat tie.

FS_p04_07_DeLorean_UK_102.indd 6 30/11/2023 17:05



STEP 8 ›› Repeat steps 5, 6 & 7 a further 5 times along the length of 102D as shown, to ensure the cable and wires are held firmly.



This is what your finished assembly should look like.

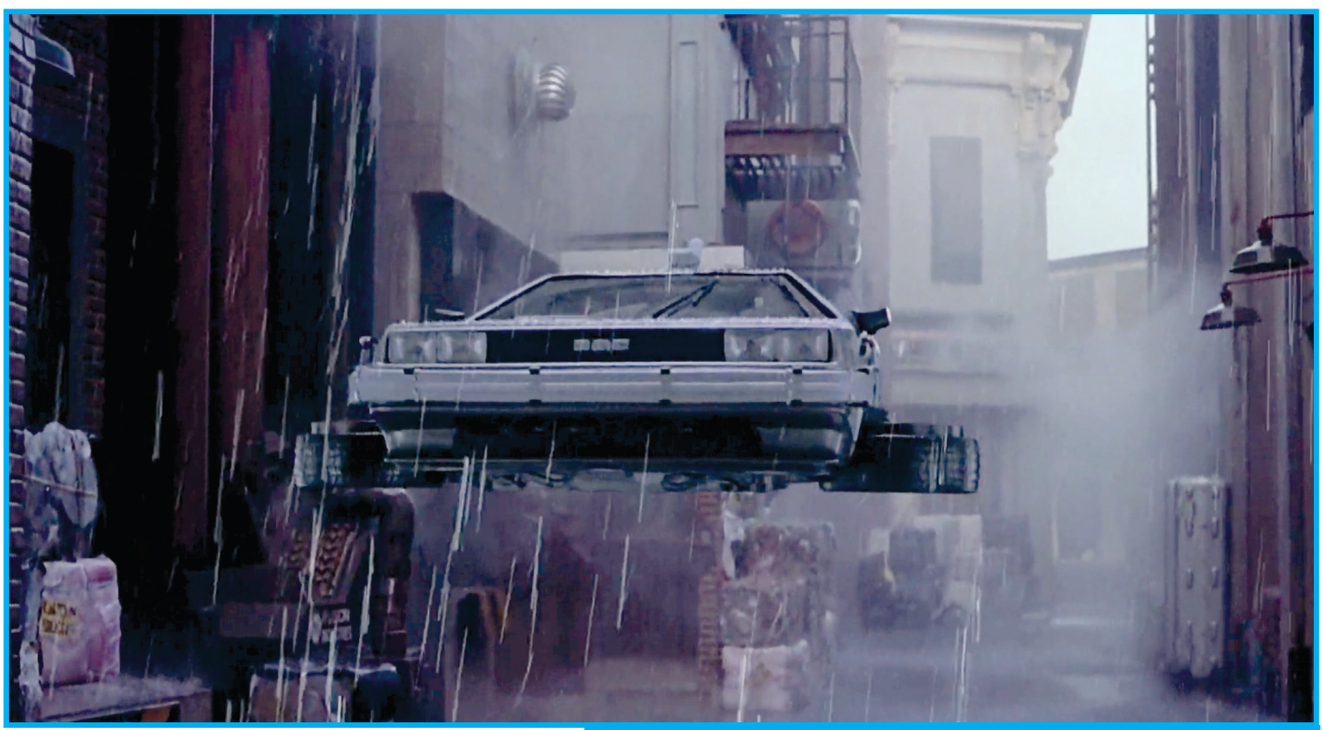


FS_p04_07_DeLorean_UK_102.indd 7 30/11/2023 17:05

INDUSTRIAL LIGHT & MAGIC

MOVIE MIRACLE WORKERS

More from the multi-award-winning effects house and the making of the *Back to the Future* trilogy.



NEW MODEL DELOREAN

The original version of the DeLorean model used at the end of Part I *was 'retrofitted' at ILM and more detail was added for its appearance in* Part II. *Here, it comes in to land in an alley.*

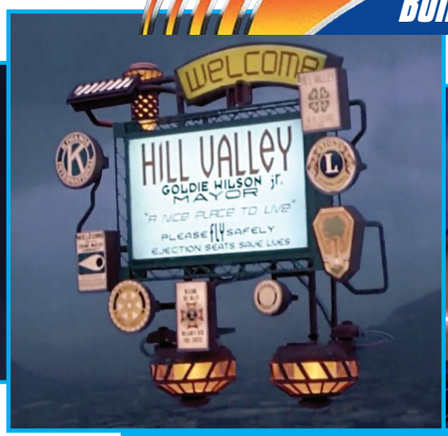
Last issue we heard how the film special effects company Industrial Light & Magic was formed in 1975, and about ten years later, with a well-deserved reputation as the premiere effects house in Hollywood, came to work on *Back to the Future*. There weren't a lot of effects in the first film, but the company would have its work cut out providing effects for *Part II*.

RETROFITTED

A one-fifth scale model DeLorean was created for the flying sequence at the finale of *Back to the Future* and would be seen extensively in *Part II.* Unfortunately, it lacked any interior detail, so for *Part II*, it was completely reworked, as ILM's model shop supervisor Steve Gawley recalled. "Bob Zemeckis wanted a completely new interior. He wanted windows you could see through and doors that opened and closed. Instead of building a new model, we did a retrofit on the old one, but we ended up essentially starting over." Gawley went to Michael Lantieri's workshop where the full-sized DeLorean was being worked on, and photographed the car extensively. It was important that the full-size car and the model matched exactly because Zemeckis wanted to cut back and forth

FS_p08_09_DeLorean_UK_102.indd 8 30/11/2023 17:04







WE DON'T NEED ROADS

Painstaking work on the skyway sequence at the beginning of Part II *established the world of 2015, but the effects-heavy sequence only lasted a few seconds on screen.*

between the two. Gawley reworked the chassis and added detail while Jon Foreman built a new power supply and rewired the entire model.

The model DeLorean had more than twenty working features, including sequential lights under the chassis and indicator lights. The flux capacitor flashed, and the lights behind Doc lit up. A fishing line was attached to the driver's door to open it – an old-school solution, but simple and effective. If the passenger door had to be seen to open, Gawley admitted "We took out the steering wheel and flopped (reversed) the film." To complete the illusion, there were scale models of Marty and Doc Brown inside, each about 15 inches high, which were servo-controlled and could move.

BUSY SKIES

The DeLorean arrives in the 21st century in a rainstorm and travels along a hyperlane of the sky freeway. The air is filled with a swarm of flying vehicles, all of which were individually filmed at ILM. Nowadays, computer-generated imagery could create the cars quickly, but in 1989, if flying cars were required, they had to be physically built. It's little wonder that Robert Zemeckis embraced the potential of computer-generated imagery in film-making as soon as he had the chance.

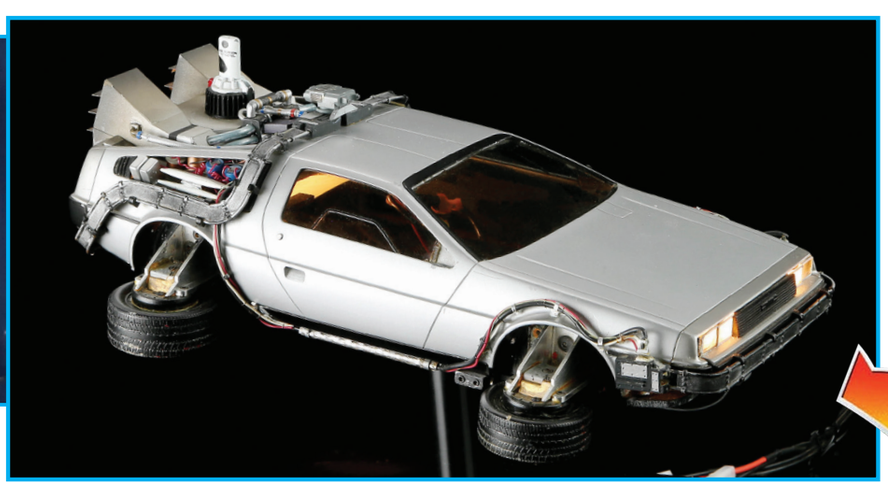
For the skyway sequence, ILM illustrator John Bell designed eight futuristic cars, some of which were doubled-up with different paint jobs. The remainder were off-the-shelf twelfth-scale kits, including a pick-up truck, a Thunderbird and a camper that were remodelled to look futuristic. All of them had headlights and tail lights, and for cars that were only seen from a distance, simple toy cars were used with lights in them. The sizes ranged from four inches to two feet, but as visual effects supervisor Ken Ralston explained, "There was so much insanity in that scene that you could get away with not having everything the same scale." The illuminated lane markers and signs including the 'Welcome to Hill Valley' sign were created by ILM modelmaker Bill Beck. Sadly, the sequence is very brief, and the cars flash by so quickly that they cannot be seen in all their glory.

The next scene featuring the DeLorean model saw it coming in to land in an alleyway in the rain. To give the impression of rain on the model, vaseline was smeared on the windscreen and wiped aside by the working windscreen wipers. The model footage and shots of the full-sized DeLorean cut together seamlessly.

Next issue we will look at more ILM magic for *Part II* including hoverboards and flying taxis! ■

TO BE CONTINUED...





© propstore.com/REX/Shutterstock

FS_p08_09_DeLorean_UK_102.indd 9 30/11/2023 17:05





DOC'S BIG AMP

ROCK AND ROLL!

Before school, Marty has an encounter with one of Doc Brown's incredible inventions.

The opening moments of *Back to the Future* cram a lot of storytelling into a few intriguing seconds. There are the clocks, of course, prefiguring an adventure in time, and the faded newspaper cuttings which tell of the destruction of the Brown mansion. (We learn a great deal about Doc Brown before we actually see him.) We are gradually shown details of Doc's garage-workshop-home, including the bizarre aparatus that makes toast and coffee and opens a tin of food for the dog. Marty enters, using the key from under the mat, and, ignoring the mess of uneaten dog food, makes for another part of the workshop.

The room is dominated by a massive amplifier and a huge speaker, by which we learn that Doc is interested in complex electronic technology and Marty is also quite at home with it, flicking switches and turning dials as if he's done it all many times before. We notice Doc's habit of meticulously labelling things, which we will see again in the DeLorean. Marty plugs in his guitar, and as the electrical hum rises, plays a note. The speaker explodes, blasting Marty across the room into a bookshelf, where he lands in a heap under the falling books. Doc Brown is a genius, yes, but his inventions have a tendency, just occasionally, to misbehave... ■

Above: Various shots of Doc's amp, and the aftermath. The same 'Dymo' embossed labels feature on various parts of the DeLorean.

QUICK FACTS!

SENT FLYING

● The stunt of Marty flying through the air was performed by Michael J. Fox's stunt double Charlie Croughwell who was actually propelled across the room by an air ram. Thre were several visitors to the set to watch the stunt being performed, including the film's rather well-known producer, Steven Spielberg...

FS_p10_11_DeLorean_UK_102.indd 10 30/11/2023 17:04

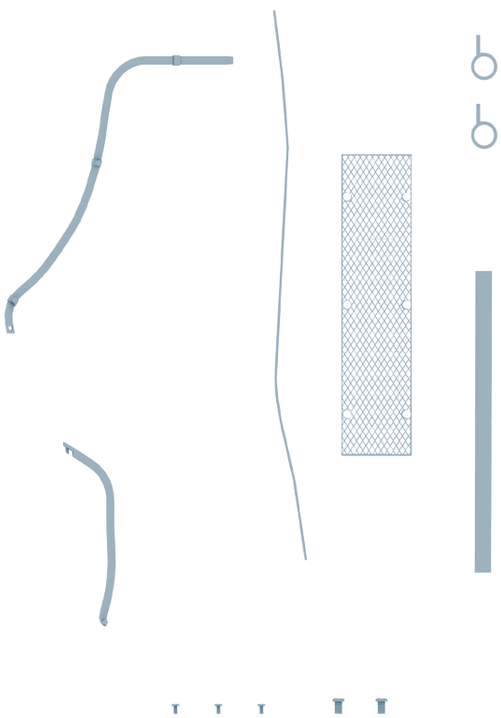
NEXT ISSUE...

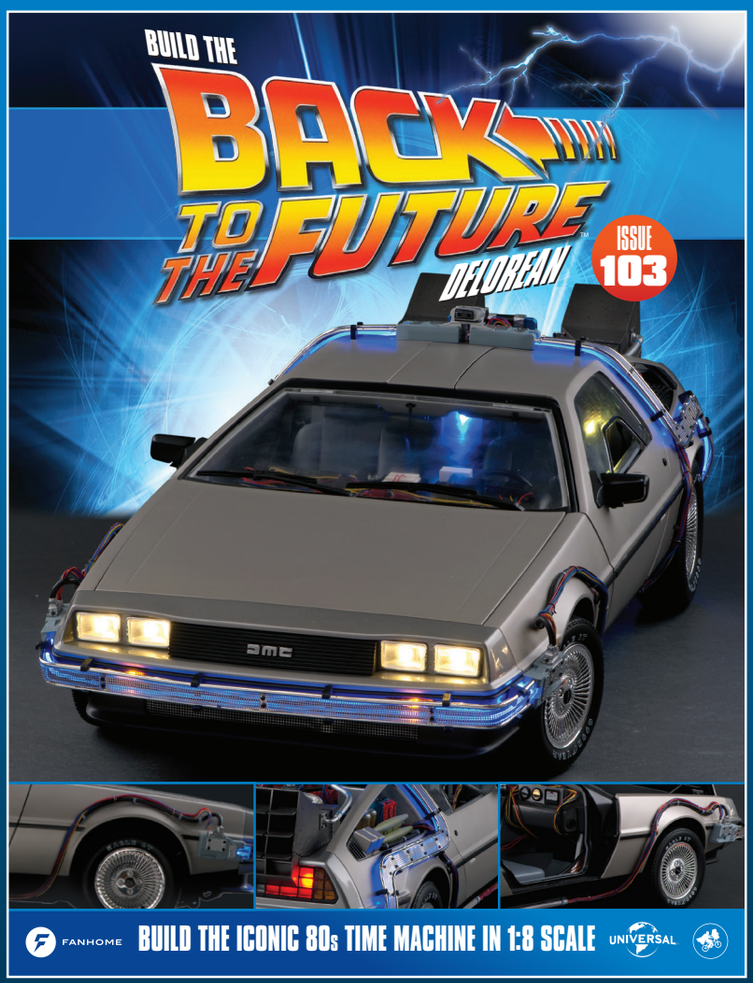
CABLE & TUBE

Add another cable to the right side of your DeLorean.

With next issue, you will receive more components for the front right side of your DeLorean including a cable and protective tube which you can fit by following the step-by-step guide.

YOUR CAR PARTS...





INDUSTRIAL LIGHT & MAGIC

The legendary special effects company and more secrets from the making of the *Back to the Future* trilogy.

PICTURE CREDITS: All photos © Universal except where stated.



FANHOME

UNIVERSAL

F230FSC102