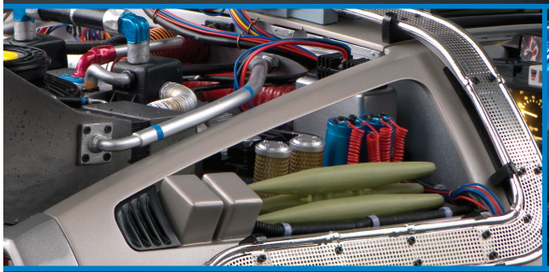
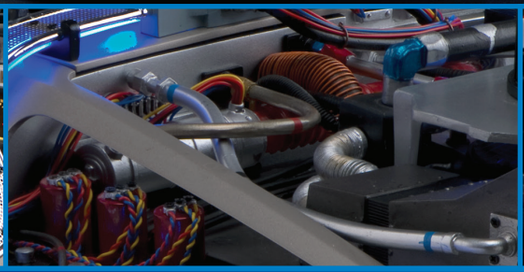
BUILD THE BACK TO THE FUTURE™ DELOREAN

ISSUE 84









FANHOME

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

UNIVERSAL

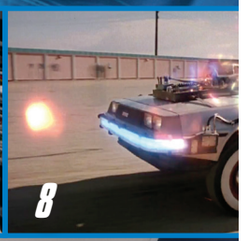
TP_DeLorean_UK_084.indd 1 13/09/2023 17:17

BUILD THE

BACK TO THE FUTURE DELOREAN

ISSUE 84





CONTENTS

4 **DRIVE TIME**
Construct the engine bay for your DeLorean, using the step-by-step guide.

8 **PRODUCTION DIARY**
When filming concluded in Monument Valley, it was the job of the animators at ILM to transport the Delorean through time...

10 **A TIME TRAVELLER'S GUIDE**
We consider the works of the great Hollywood director John Ford, 'the father of the Western'.

© 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

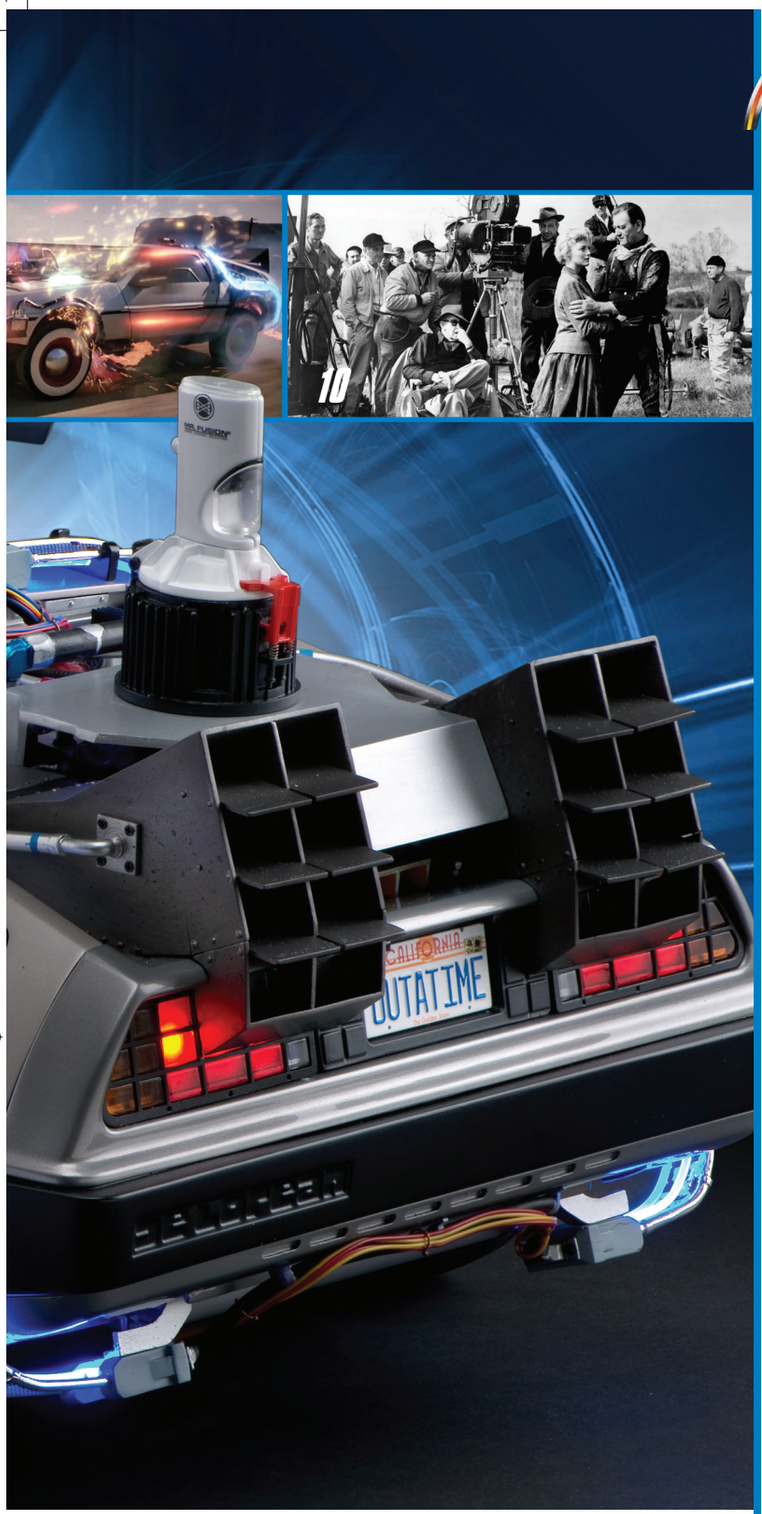
The price of this issue includes the magazine and the attached pieces for model assembly.

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.

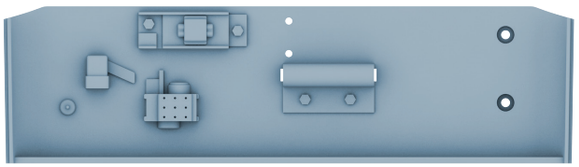
WARNING
Any reproduction, even partial, of the contents of the magazine is prohibited without permission from the Publisher. The model and the magazine that accompanies it are strictly for private use, and within the family, in accordance with Article L122 - 5 10 of the Code of Intellectual Property. 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 parts for the engine bay for your DeLorean.

84A ENGINE BAY CENTRE



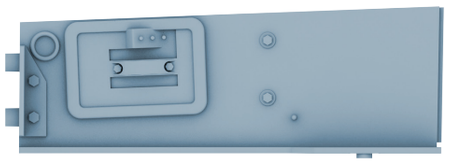
84B SUPPORT



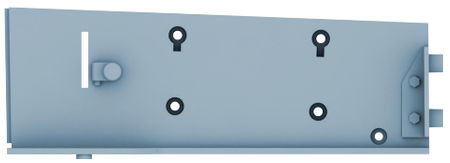
84C BAR



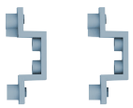
84D ENGINE BAY LEFT SIDE



84E ENGINE BAY RIGHT SIDE



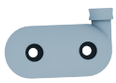
84F BRACKETS



84G CAP



84H TANK (FRONT)



84I TANK (BACK)



AP SCREWS X14



DM SCREWS X6



CUSTOMER SERVICES

UK
Email customer.service@deagostini.co.uk

USA
Email support@usa.deagostini.com

More information at **fanhome.com**

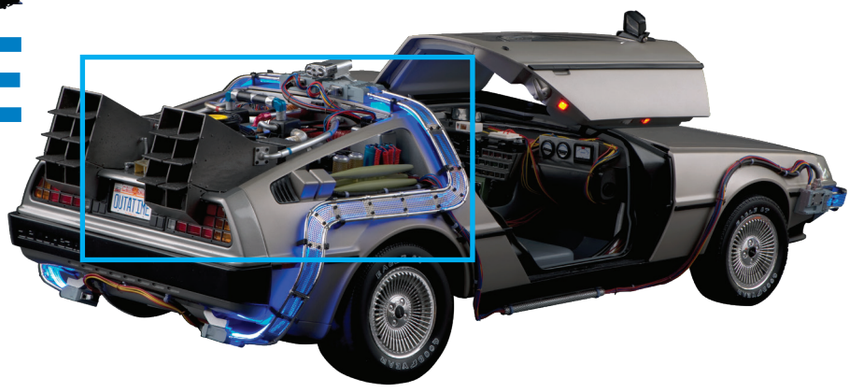


FS_p02_03_DeLorean_UK_084.indd 3 13/09/2023 17:18

DRIVE TIME

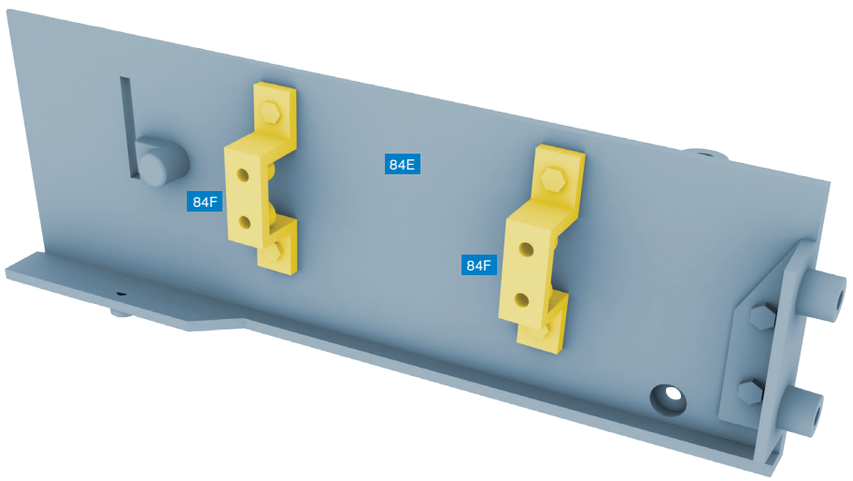
Construct the engine bay of your DeLorean.

Follow the step-by-step instructions to construct the engine bay and add it to the engine surround.

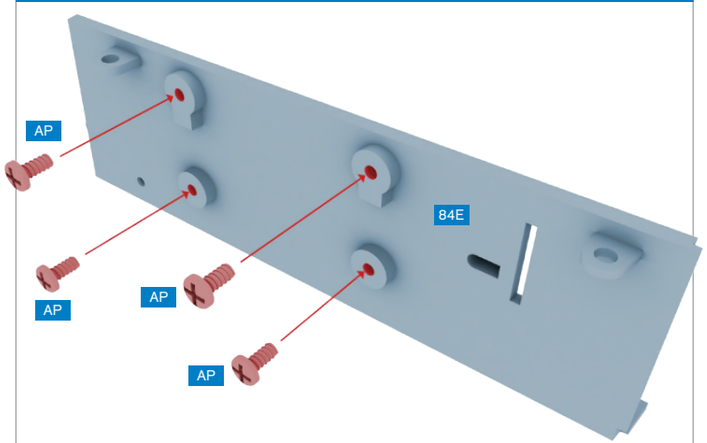


ENGINE BAY

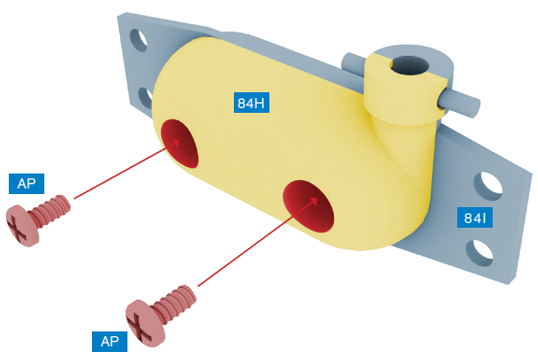
STEP 1 ›› Take part 84E and push the two brackets 84F in place as shown.



STEP 2 ›› Turn part 84E over, and fix the brackets in place with four AP screws.

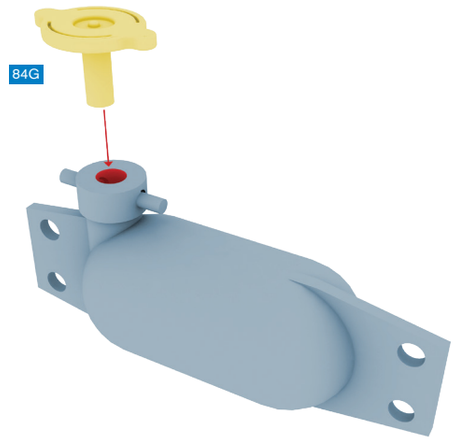


STEP 3 ›› Push parts 84H and 84I together and fix with two AP screws.

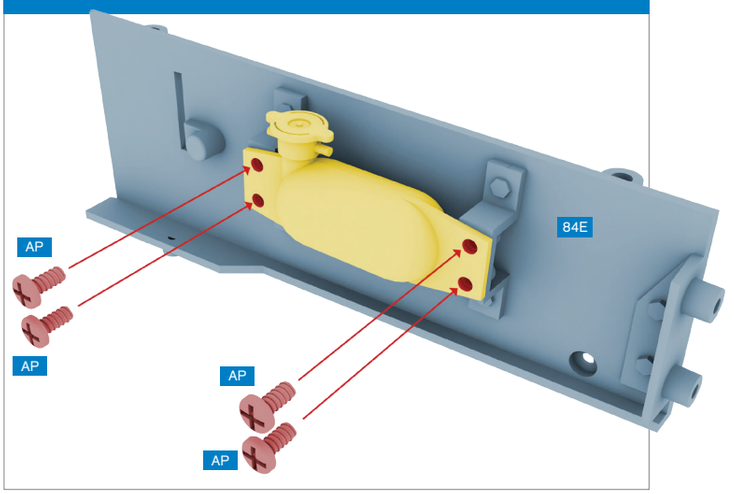


FS_p04_07_DeLorean_UK_084.indd 4 13/09/2023 17:18

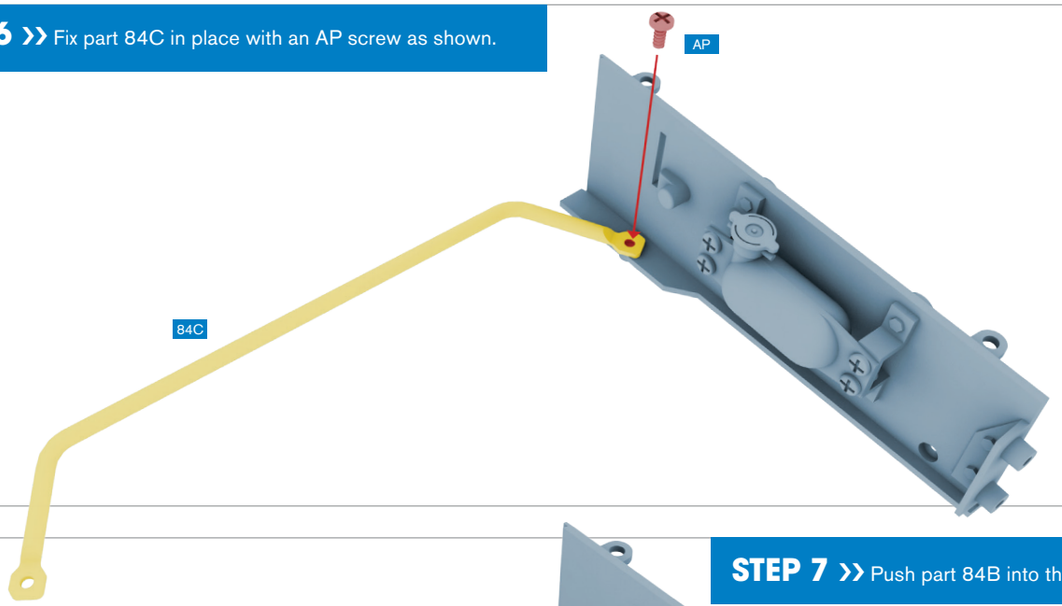
STEP 4 ›› Push part 84G into place in the top of the joined parts 84H and 84I.



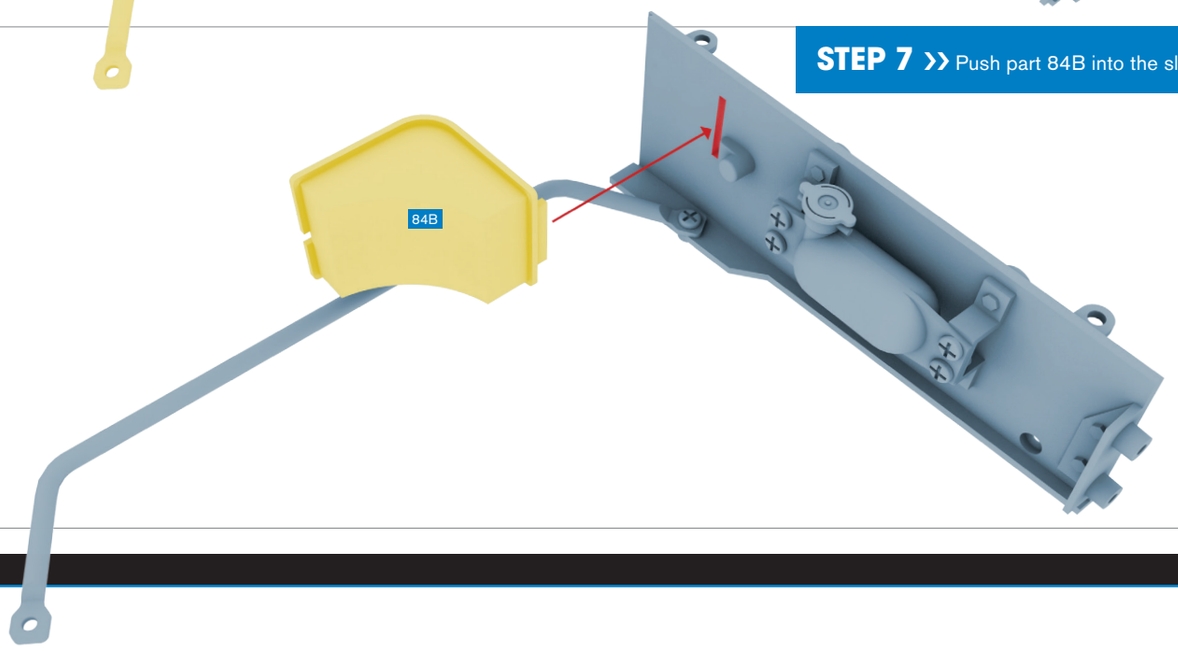
STEP 5 ›› Push the assembled parts into place on the brackets 84F and fix in place with four AP screws.



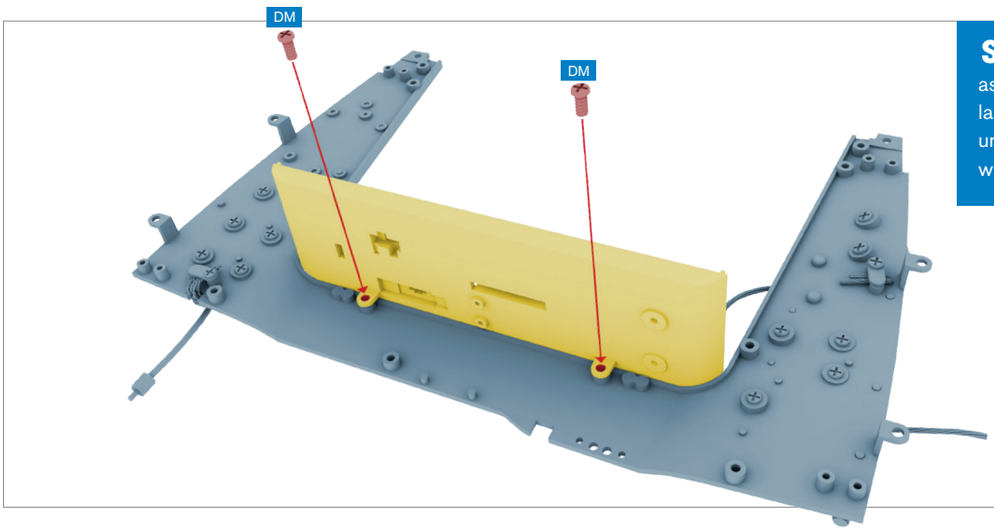
STEP 6 ›› Fix part 84C in place with an AP screw as shown.



STEP 7 ›› Push part 84B into the slot shown.

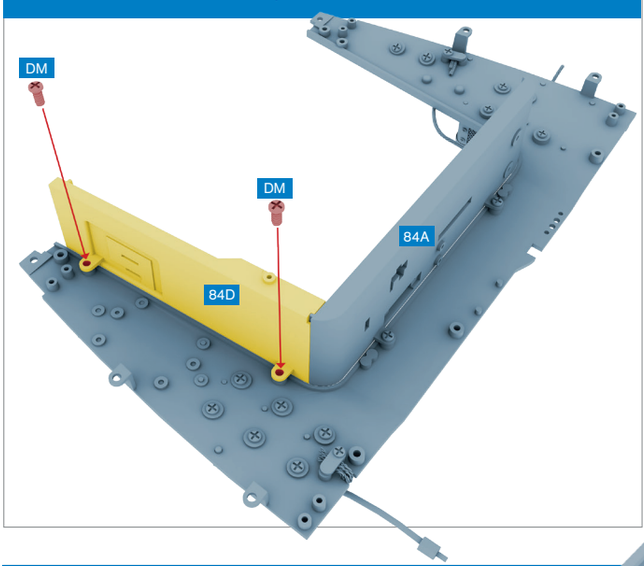


FS_p04_07_DeLorean_UK_084.indd 5 13/09/2023 17:18

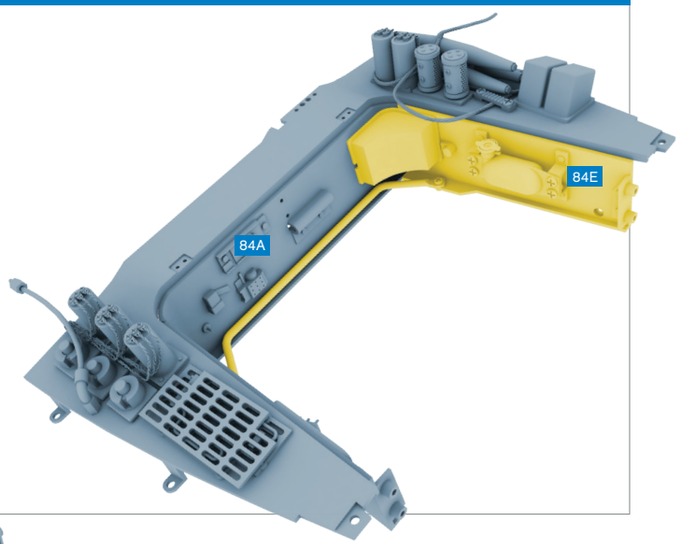


STEP 8 ›› Take the assembled engine surround from last issue. Place part 84A on the underside as shown and secure with two DM screws.

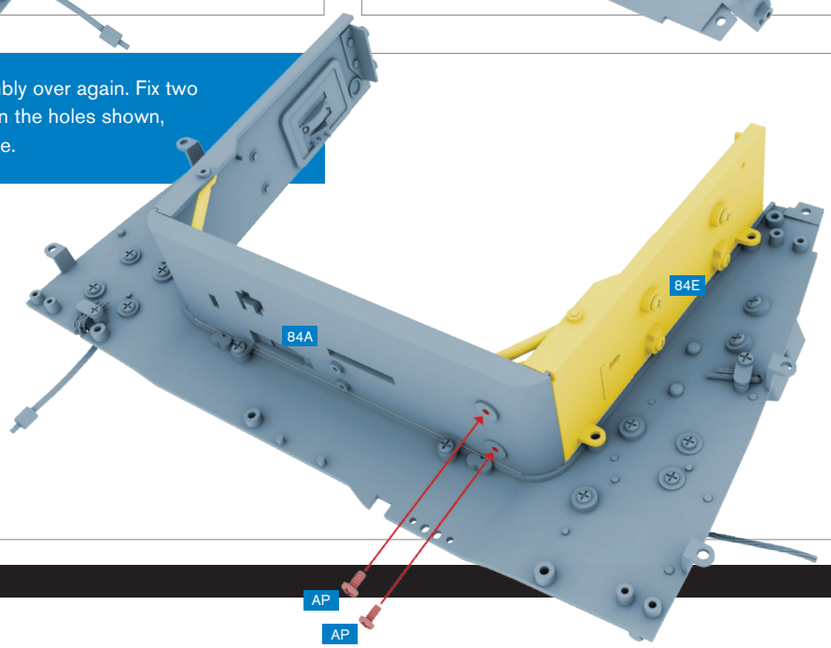
STEP 9 ›› Push part 84D into position and fix in place with two DM screws in the holes provided.



STEP 10 ›› Turn the engine surround over. Put the 84E assembly into position, bringing the bar in front of 84A as shown.

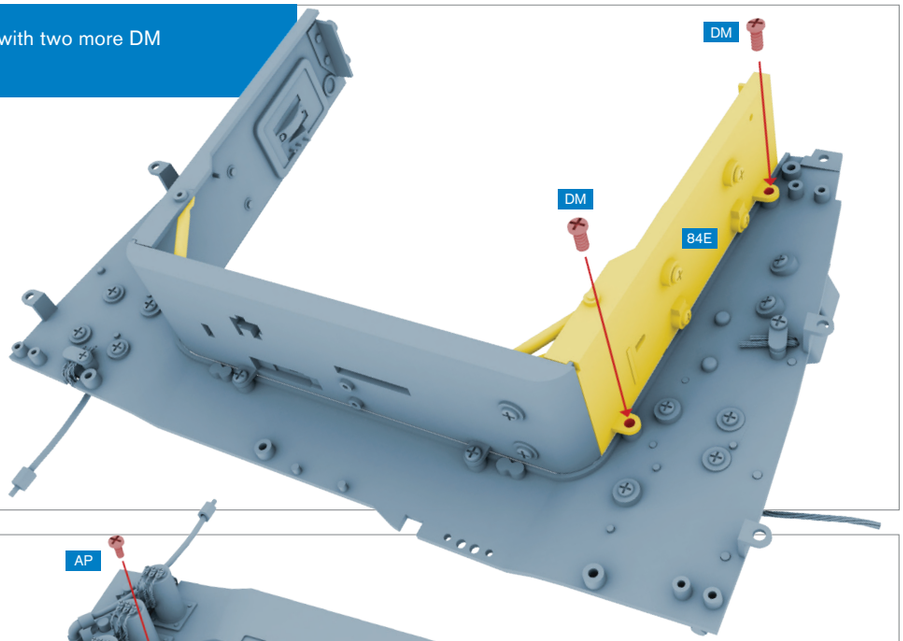


STEP 11 ›› Turn the assembly over again. Fix two AP screws into the back of 84A in the holes shown, to keep the 84E assembly in place.

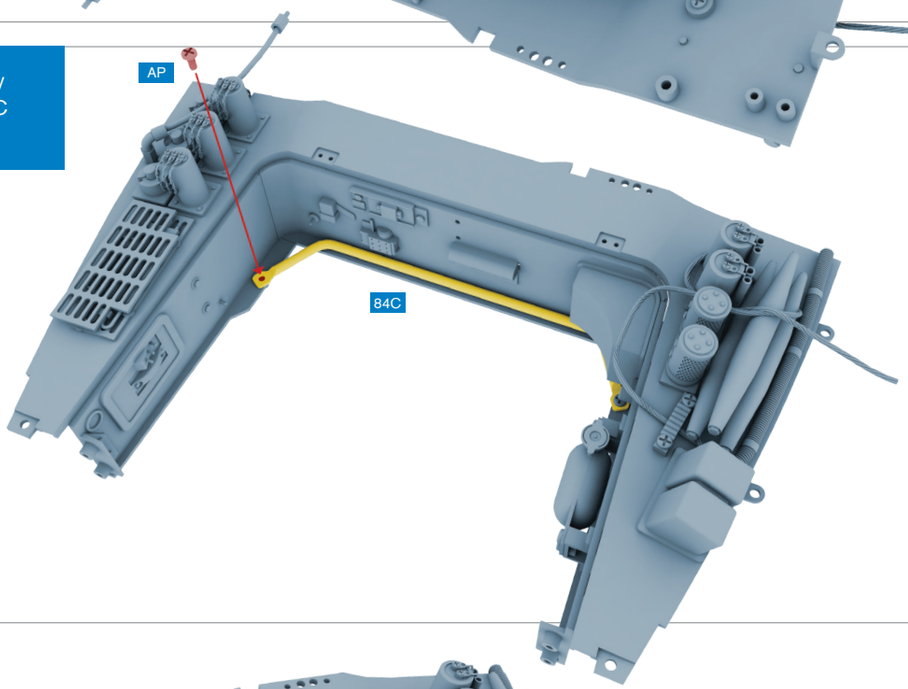


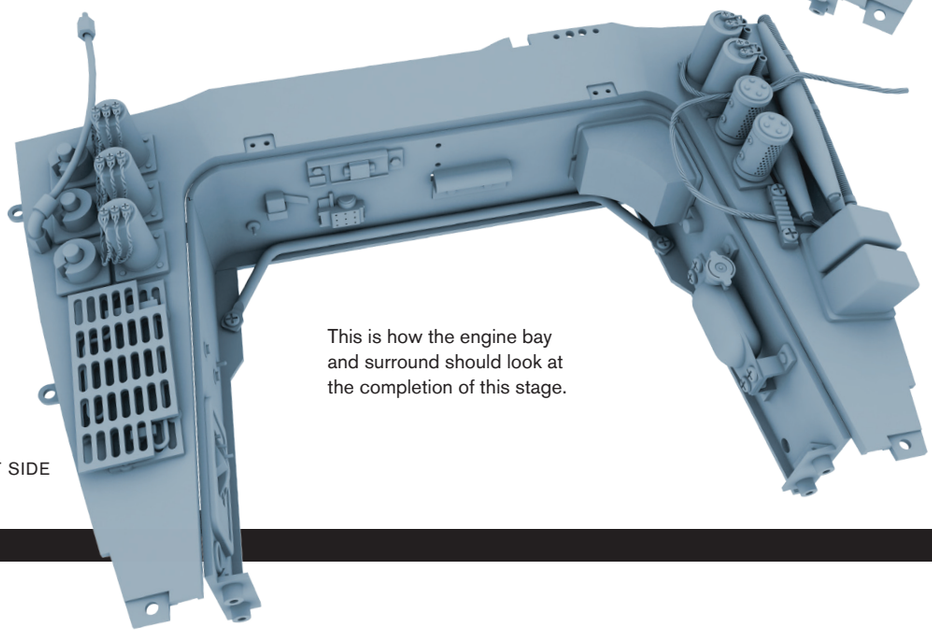
FS_p04_07_DeLorean_UK_084.indd 6 13/09/2023 17:18

STEP 12 ›› Fix 84E in place securely with two more DM screws in the holes shown.



STEP 13 ›› Turn the assembly over and secure the end of part 84C with an AP screw.





LEFT SIDE

This is how the engine bay and surround should look at the completion of this stage.

RIGHT SIDE

FS_p04_07_DeLorean_UK_084.indd 7 13/09/2023 17:18

ANOTHER SLICE OF TIME

THINKING FOURTH-DIMENSIONALLY

The animators at Industrial Light & Magic worked their wizardry to send the DeLorean back to 1885 in *Part III.*











HERE WE GO AGAIN...!

The DeLorean, with its 'big chip' strapped to the hood, reaches 88 miles per hour and travels through time, courtesy of the animators at Industrial Light & Magic.

The Drive-In scenes for *Back to the Future Part III* were completed in one week's filming in Monument Valley in November 1989, and though the sun was shining brightly, the location was unexpectedly cold. So, while Christopher Lloyd and Michael J. Fox performed in front of the camera (with Lloyd in a flimsy Hawaiian shirt) the crew were huddled out of sight in hats and parkas. But the weather couldn't dampen the enthusiasm of all concerned, who were inspired by the magnificence of the landscape. Director of Photography Dean Cundey said "Anyone who works in movies and who loves that aspect of the history of film can't be anything but moved by seeing this land." The week ended with a reprise of the scenes of the Navajo charging towards the DeLorean, which was enacted by volunteer tribesmen.

With filming completed, the footage was handed over to Industrial Light & Magic to add the time-travel effect referred to as the 'time-slice'.

INTO TIME

The DeLorean's departure from 1955 was supervised by Wes Takahashi of ILM's animation department, who provided the animation for *Parts I* and *II.*

The time-slice begins with a close-up of sparks coming off the back wheel of the DeLorean. Practical sparks had been shot on set but they were not clear enough, so animator Gordon Baker embellished them with animation. Then the optical department matched his

FS_p08_09_DeLorean_UK_084.indd 8 13/09/2023 17:18



SPECTACULAR

Wes Takahashi supervised the animated effects that engulf the DeLorean as it leaves the Drive-In. The sparks on the wheels (right) were added by ILM animator Gordon Baker.



sparks with the practical sparks on the background plate.

Next, the neon coils on the front and along the top of the car light up. In the first film the time-slice shots were mostly at night, so blue neon tubes were used. But the neons did not show up well in daylight, so Takahashi and his team used a tried and tested animation technique called rotoscoping – basically tracing a shape off the finished film. The shapes of the coils were traced, and then overexposed to boost their brightness.

After the neons came the flashbulb effects, a number of bright popping flashes created by animator Pat Myers. From those flashbulbs, Takahashi animated comets that emerged from the flashes. These comets initiated the bursting open of the time-slice, which was an airbrushed, organic-looking light effect that starts growing in front of the car.

THE BIG CHIP

The box of new time circuits that Doc has attached to the front of the car was christened 'the big chip' by the crew. Takahashi was asked to add some animated effects as it was getting up speed to travel through time. Electrical sparks were added to it, some of the tubes were rotoscoped and diffused light was added in flashes. Then, as the airbrushed time-slice fades away, it reveals the Navajo coming towards the car in 1885.

A new embellishment to the time-slice was a visible shockwave which Takahashi based on films of genuine explosions. "I was inspired by watching footage which showed huge vaporous shock waves radiating out from the impact point. I tried to emulate that in my animation, airbrushing a shock wave emanating from the centre of the frame. Pat Myers laid in a quick flashing flare right in the middle that preceded my shock wave. There was a series of three flashes before the car travelled through time." ■

TO BE CONTINUED....

FS_p08_09_DeLorean_UK_084.indd 9 13/09/2023 17:18



© ScreenProd/Photononstop/Alamy Stock Photo



© Everett Collection Inc/Alamy Stock Photo

Left: John Ford (seated) directs Constance Towers and John Wayne in The Horse Soldiers *(1959). Above: The Monument Valley landscape features behind John Wayne on the poster for Ford's 1950 movie* Rio Grande.

JOHN FORD

FATHER OF THE WESTERN

A look at the director who helped to define and develop the Western genre.

Back to the Future Part III is Robert Zemeckis and Bob Gale's homage to the Western genre, and that genre as we know it would not have existed without the work of one man – director John Ford.

His best-known films, including *Stagecoach* (1939), *Rio Grande* (1950), *The Searchers* (1956) and *The Man Who Shot Liberty Valance* (1962), featured a cast of stars including John Wayne, James Stewart and Henry Fonda. Ford used rugged landscapes as a backdrop for human drama (Monument Valley was his favourite location) but he gave as much attention to the performances as he did to the cinematography and spectacle.

Intellectual and sensitive, 'Jack' Ford cultivated the image of a 'tough, two-fisted Irishman' to protect himself from studio interference, and though some actors feared him, many admitted that he brought out the best in them. John Wayne said that "Nobody could handle actors and crew like Jack."

In his 50-year career, Ford directed more than 140 films, and is regarded not only as the father of the Western but as one of the most influential filmmakers in American cinema. His work was highly regarded by fellow directors, too – Orson Welles is said to have watched *Stagecoach* forty times before making *Citizen Kane*. ■

QUICK FACTS!

MOVIE LEGEND

- As well as Westerns, Ford directed acclaimed war films and literary adaptations such as John Steinbeck's *The Grapes of Wrath* (1940).
- In 1940, Ford was offered a $600,000-per-year contract by 20th Century Fox. He turned it down to form his own production company, Argosy Pictures, with his friend Merian C. Cooper.
- Ford won four Academy Awards for Best Director (in 1935, 1940, 1941 and 1952) which remains a record. One of those films, 1941's *How Green Was My Valley*, also won Best Picture.
- Ford was legendary for his discipline on set, but never used storyboards, preferring to keep the entire film in his head.

FS_p10_11_DeLorean_UK_084.indd 10 13/09/2023 17:19

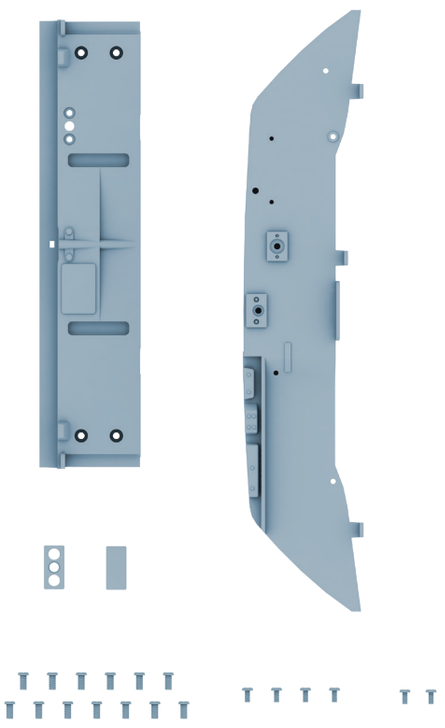
NEXT ISSUE...

ENGINE BAY

Add more details to the engine bay for your DeLorean

In the next issue you'll add more details to the engine bay, following the step-by-step instructions.

YOUR CAR PARTS...





PRODUCTION DIARY

There is excitement as the cast and crew attend the premiere of *Back to the Future Part II.*

PICTURE CREDITS: All photos © Universal except where stated.

BUILD THE BACK TO THE FUTURE™ DELOREAN

FANHOME

UNIVERSAL

F230FSC084

TP_DeLorean_UK_084.indd 2 13/09/2023 17:17