BUILD THE

BACK TO THE FUTURE™ DELOREAN

ISSUE 78







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BUILD THE

BACK TO THE FUTURE DELOREAN

ISSUE 78





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Actor Pat Buttram, a familiar face and voice from dozens of movies, played an Old Timer in the Hill Valley saloon.

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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.

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YOUR CAR PARTS

Fit trim and power coil brackets to the rear left panel of your DeLorean, before fitting the panel to the body.

78A VENT



78B BRACKET



Marked R1

78C BRACKET



Marked RL2

78D BRACKET



Marked RL3

78E BRACKET



Marked RL4

78F BRACKET



Marked RL5

78G TRIM



78H TRIM



78I TRIM



78J RED LENS



IP SCREW X 3



LP SCREW X 1



AP SCREW X 10



DM SCREW X 4



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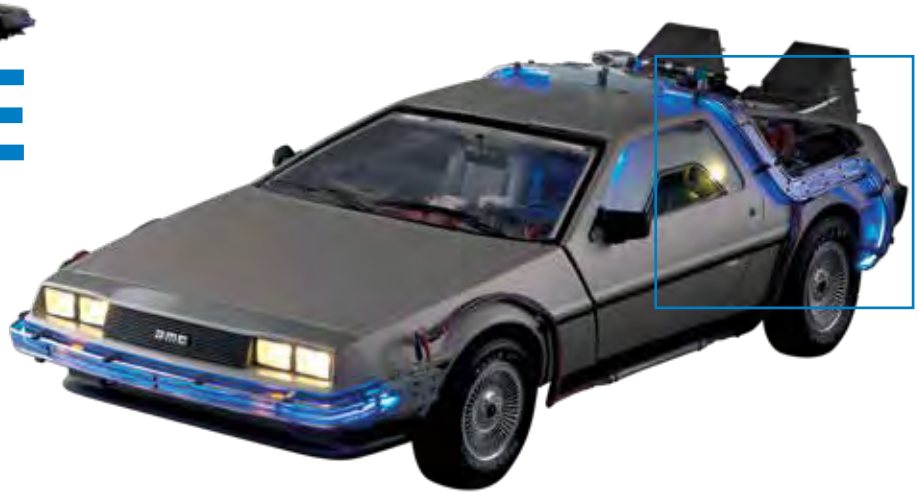
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DRIVE TIME

Add trim and brackets to the rear left panel of your DeLorean.



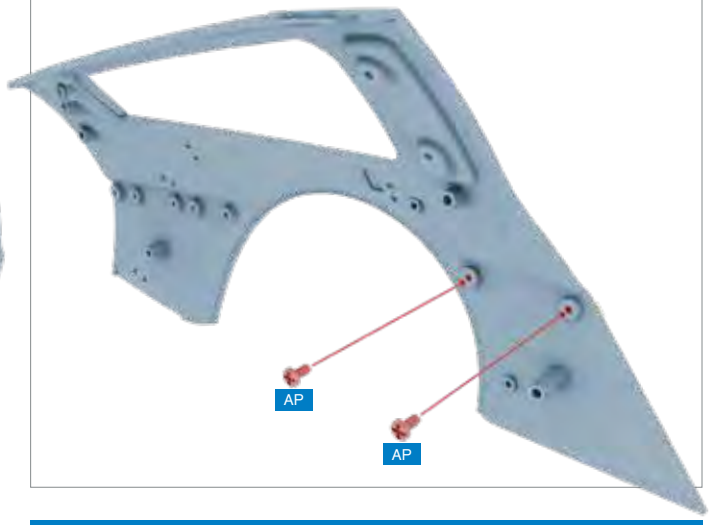
Follow the step-by-step instructions to complete the rear left panel and fix it to the body of your DeLorean.

LEFT SIDE REAR PANEL

STEP 1 ›› Take the rear panel from last issue's assembly and push trim 78G in place as shown.



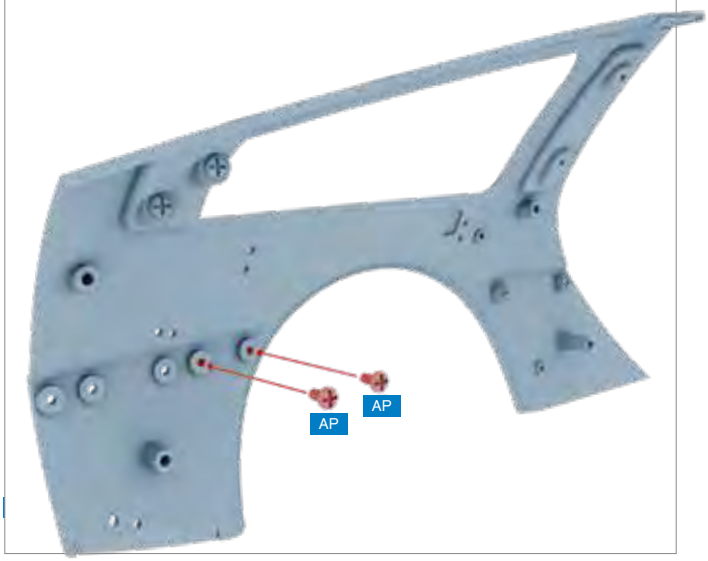
STEP 2 ›› Turn the panel over and fix 78G in place with two AP screws from the other side.



STEP 3 ›› Push trim 78H in place on the panel as shown.



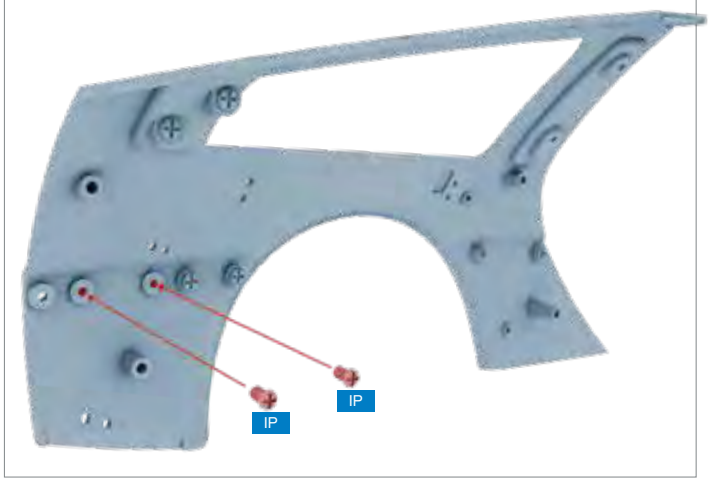
STEP 4 ›› Fix 78H in place with two AP screws.



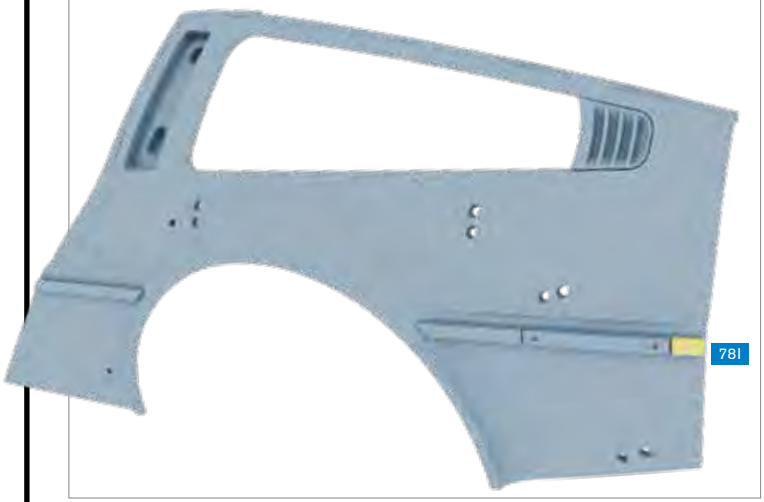
STEP 5 ›› Push red lens 78J in place on the panel as shown.



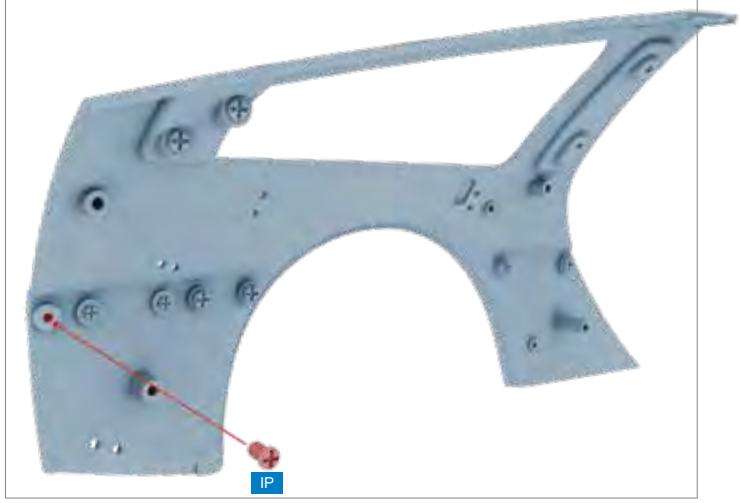
STEP 6 ›› Fix in place with two IP screws.



STEP 7 ›› Push trim 78I in place on the panel as shown.



STEP 8 ›› Fix in place with an IP screw.



STEP 9 ›› Push bracket 78F in place on the panel as shown. Use the number on the part to identify it.



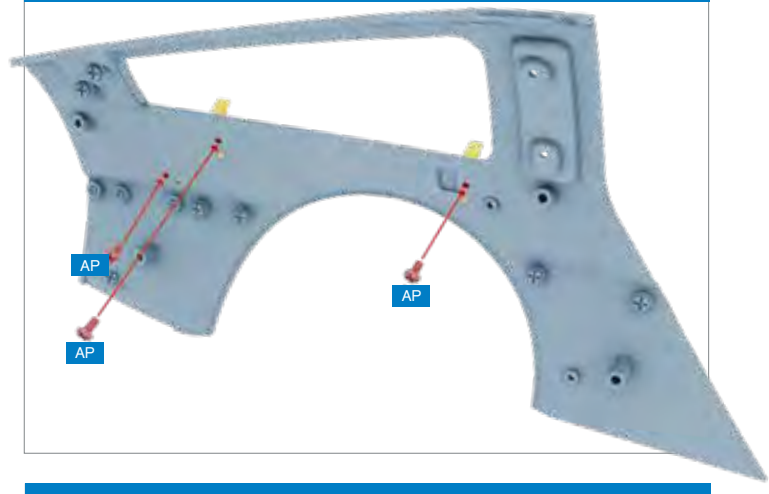
STEP 10 ›› Fix in place with an AP screw.



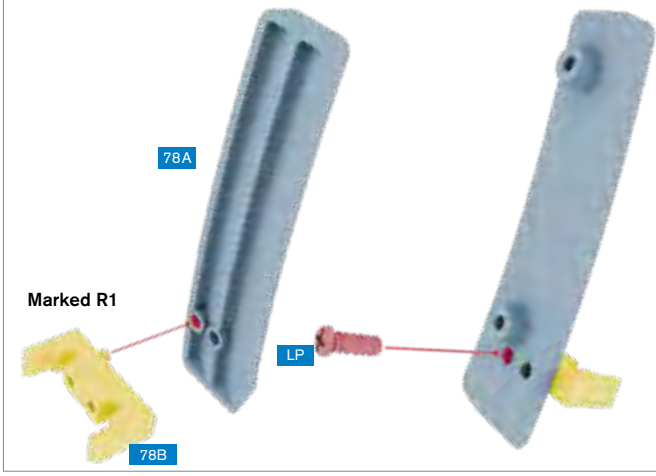
STEP 11 ›› Push brackets 78C, 78D and 78E in place on the panel. Use the numbers on the parts to identify them.



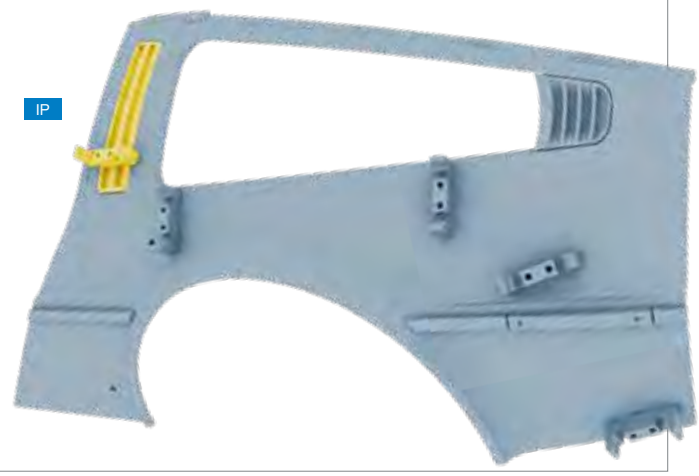
STEP 12 ›› From the other side, fix the brackets in place with an AP screw in each of the holes indicated.



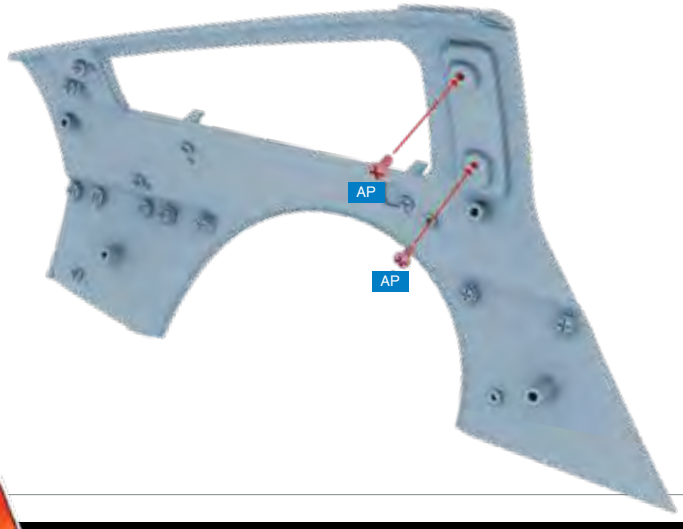
STEP 13 ›› Push bracket 78B in place on part 78A and fix in place with an LP screw.



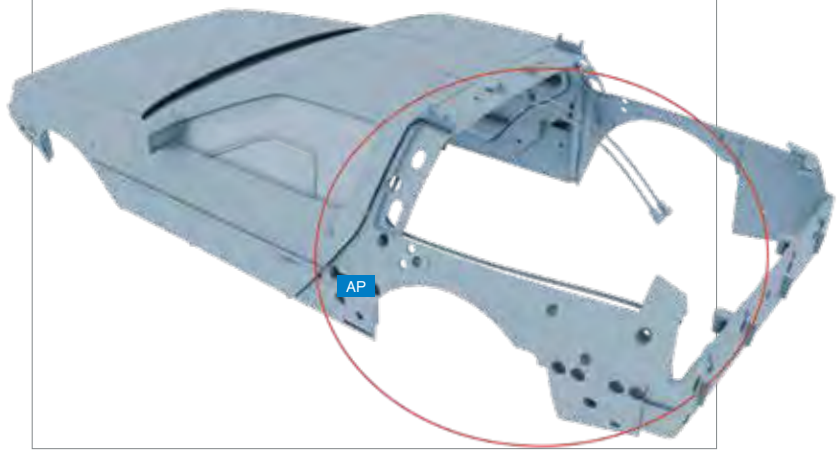
STEP 14 ›› Push part 78A into place on the panel as shown below.



STEP 15 ›› Fix the part in place with two AP screws.

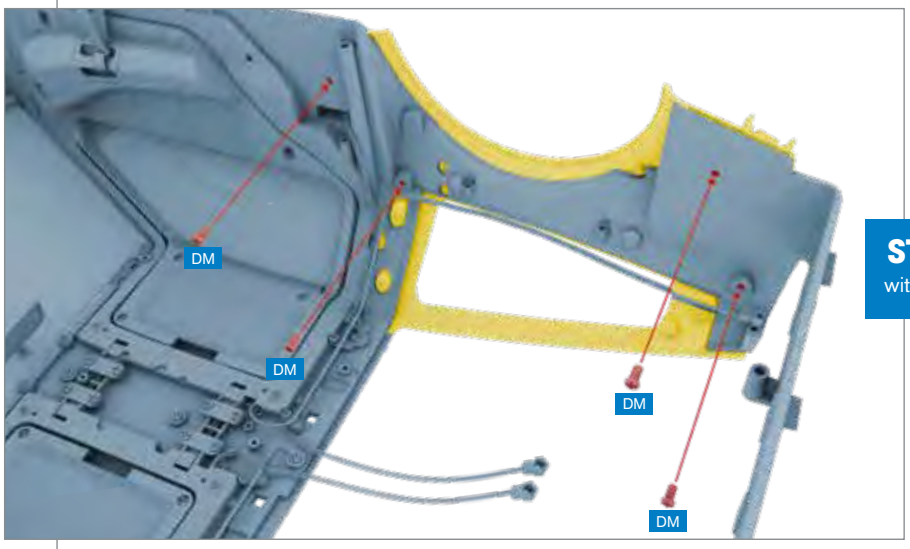


STEP 16 ›› The assembled panel fits in this area on the left of the DeLorean.

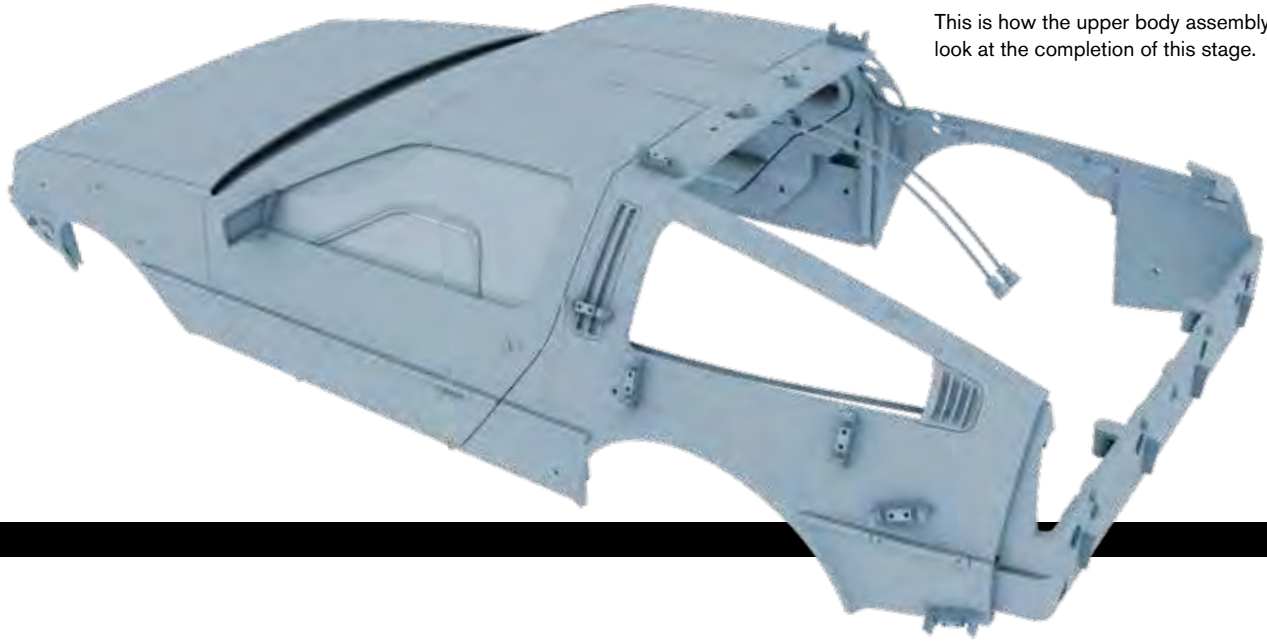




STEP 17 ›› Push the panel in place on the body as shown.



STEP 18 ›› From the inside, fix the panel in place with four DM screws in the holes shown.



This is how the upper body assembly should look at the completion of this stage.

WORKING ON THE RAILROAD

FILMING THE TRAIN SEQUENCE

A combination of stunt work, pyrotechnics and camera wizardry was required for the thrilling locomotive scenes!



IRON HORSE
The DeLorean gets a push from a locomotive as Doc puts his audacious plan into action.

"I was a complete nervous wreck," Robert Zemeckis confessed when he came to direct the train sequences that formed the climax to *Back to the Future Part III*. "For me, there's nothing more terrifying than having a your actor on a galloping horse, riding next to a locomotive with the camera pinning him in there."

Michael Lantieri, who had supervised all the mechanical effects on *Parts II* and *III,* said "We learned everything about steam trains. We were covered in grease because we were riding that train all day long."

But there were other considerations apart from just making sure that the train ran on time. There were also Doc's explosives, which would force the locomotive up to 88 miles per hour and into time-travel mode.

FIRE SAFETY

"All the pyrotechnics had to be figured out and tested and shown to Bob and Bob," Lantieri continued. "I also had to deal with the local fire authorities because the area was prone to huge brush fires, so they hated us from the beginning. From a safety standpoint, you had to be careful, because in some places we went through, the trees and the brush had only two feet of clearance."

The locomotive used was Sierra Railway No. 3, built in 1891 by Rogers Locomotive Works of Paterson New Jersey, and brought to California in 1897 – it has appeared in more than 100 films and

> **"There's nothing more terrifying than having your actor on a galloping horse..."**
>
> ROBERT ZEMECKIS



PYROTECHNICS

Michael Lantieri supervised the bursts of smoke from the funnels representing Doc's explosives. Right: The firebox temperature rises, and the last of Doc's special charges goes off – the miniature figures of Doc and Clara on the model train can be seen in the lower pictures.





television shows. Christopher Lloyd was particularly taken with the huge machine. "Steam engines are amazing," he said. "To be walking along the edge of the locomotive with the wheels turning and steam coming out was a thrill."

As a veteran of several westerns, Lloyd had some experience on horseback. Or as stunt coordinator Walter Scott put it, rather more directly, "He damned could ride!"

Michael J. Fox, on the other hand, had no experience of riding, but learned quickly. "It was pretty hairy," he said. "I had gone from not riding a horse to galloping bedside a train in a chasm between the train and an arroyo wall."

Fox was later informed by the camera truck driver that he was riding his horse at 33 miles per hour. "That was kind of neat, to know that I had a horse going that fast." ■

TO BE CONTINUED....





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Left: Buttram as Mr Haney in TV series Green Acres *(1965). Above: Buttram in the Hill Valley Saloon in* Part III.

PAT BUTTRAM

JEB, SALOON OLD TIMER

A veteran cowboy star made a very welcome cameo appearance in *Part III*.

Playing one of the marvellous old timers in the Hill Valley saloon is actor Pat Buttram, whose distinctive creaky voice, in his own words, "never quite made it through puberty."

Buttram was born in Winston County, Alabama in 1915. A month before his 18th birthday he attended the 1933 Chicago World's Fair where he was interviewed for radio station WLS as 'a typical visitor from the South'. Listeners loved Pat's hilarious observations and he was immediately offered a job with WLS.

Buttram went to Hollywood in the 1940s where he was picked by cowboy star Gene Autry to play his sidekick. Buttram would co-star with Autry in more than 40 films (with titles such as *The Blazing Sun* and *Silver Canyon*) and 100 episodes of Autry's television show.

In the early 1960s he showed his abilities in a different genre when he was cast in two episodes of *The Alfred Hitchcock Hour* (1962) and his big TV break came with the role of Mr Haney in the comedy *Green Acres* (1965).

Throughout his career, Buttram was constantly in demand as a toastmaster and after-dinner speaker. In 1982 he founded the Golden Boot Awards to honour actors, directors, stunt performers and other professionals who made significant contributions to the western film genre. ■

"To the Future!"

OLD TIMER TOASTS DOC

QUICK FACTS!

SOUNDS FAMILIAR

- Buttram did voice work for many Walt Disney films, playing Napoleon the hound in *The Aristocats*, the Sheriff of Nottingham in *Robin Hood*, Luke the muskrat in *The Rescuers* and Chief, a hunting dog, in *The Fox and the Hound*. He also voiced one of the Toon bullets in *Who Framed Roger Rabbit* for Robert Zemeckis.
- He was a staunch Republican and friend of Ronald Reagan from their early days making films. In later years, Buttram wrote jokes for Reagan's speeches.
- Despite riding in so many films, he said, "I never got on with horses. I always say that horses are hard in the middle and dangerous at both ends."

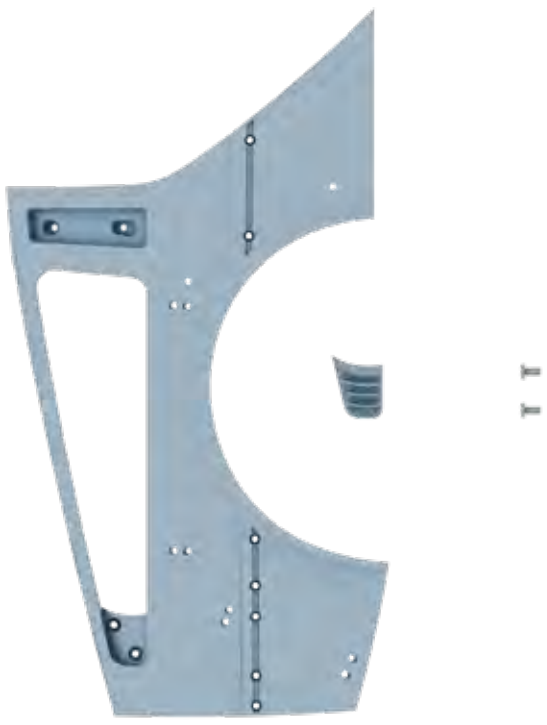
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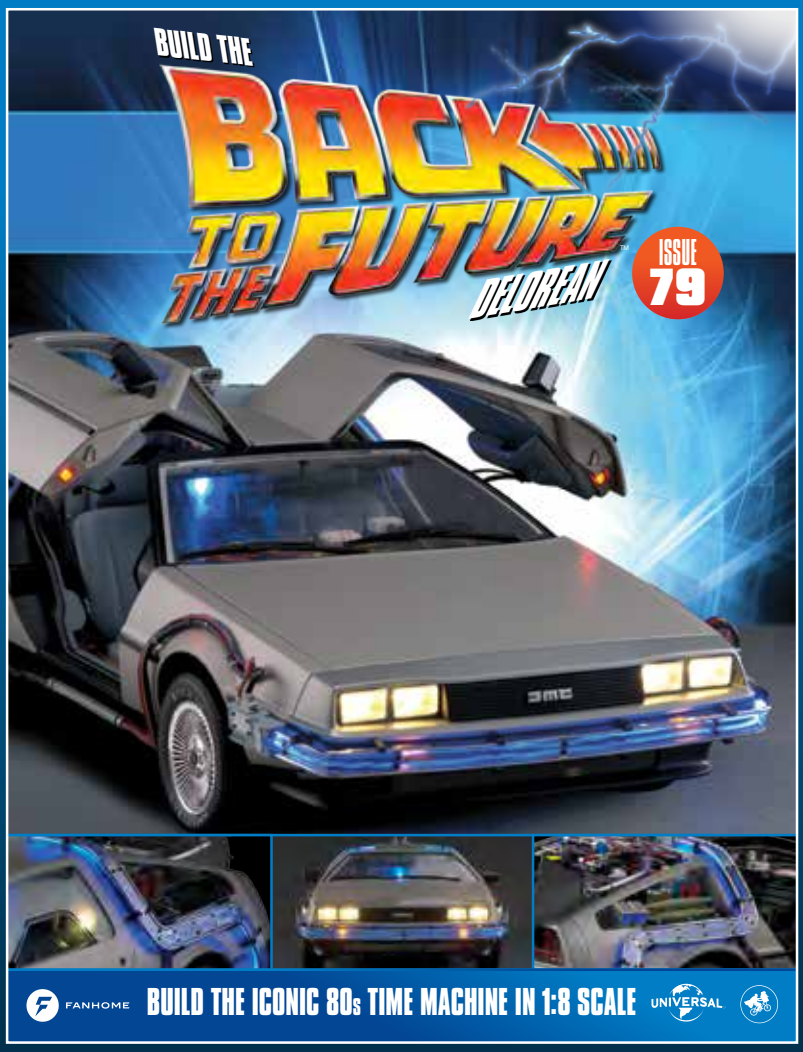
REAR PANEL

Work on the right side rear panel to your DeLorean.

In the next issue you'll receive a rear panel for the right-hand side of your DeLorean plus a detail which you can fit with the illustrated instructions.

YOUR CAR PARTS...





PRODUCTION DIARY

More about the climactic train sequence in *Back to the Future Part III.*

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