



<b>Aircraft Design Certification GmbH</b> Reichensteinstr.48 69151 Neckargemünd		<b>Replacement of wheel pant brackets</b>	Doc-Nr: ADxC-73-SB-012 Issue: A Date: 18.02.2022 DC-Nr.: ADxC-DC-73-040
<b>Service Bulletin</b>			

Replacement of wheel pant brackets  
SERVICE BULLETIN

<p><b>Office of Airworthiness release</b></p> <p>Date:</p> <p>Name:</p> <p>Signature:</p>
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<p><b>Verification Engineer</b></p> <p>I hereby declare that the technical content of this document is correct and can be used to fulfil the obligations of the type design holder per 21.A.265(h)</p> <p>Date:</p> <p>Name:</p> <p>Signature:</p>
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<p><b>Author</b></p> <p>Date:</p> <p>Name: R. Harms G.</p> <p>Signature:</p>
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## Amendments

Issue	Reason	Date
A	Initial issue	18.02.2022

<p style="text-align: center;"><b>Replacement of wheel pant brackets</b></p> <ul style="list-style-type: none"> <li>- Removal of current wheel pant brackets</li> <li>- Installation of wheel pant brackets 32B220002L/R issue C</li> </ul>
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**STANDARD**

0 General
0.1 ATA Code ATA 32 LANDING GEAR – wheel pant brackets
0.2 Effectivity All Bristell B23 models and aircraft serial numbers - TCDS EASA.A.642

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## 1 Planning information

### 1.1 Reason

During scheduled inspections it was detected that under certain operating conditions the original zinc-plating finished parts showed early signs of fatigue cracking. To improve the durability of the parts, the surface protection is changed from zinc-plating to normal painting.

Replacement of wheel pant brackets according to ADxC-DC-73-040

### 1.2 Safety Intent

The safety intent is N/A.

Improvement of durability of the wheel pant bracket.

### 1.3 Configuration Description

Dimensionally the same wheel pant brackets are installed, just the finish changed.

### 1.4 Compliance

If criteria in Section 0 is met

- Service bulletin must be accomplished
  - This SB could be made mandatory by an EASA AD.
  - This SB is mandatory as per EASA AD no. \_\_\_\_\_
- Service bulletin recommended to be accomplished to prevent significant operational disruptions
- Service bulletin to introduce improvements
- Service bulletin for convenience or option

### 1.5 Approval statement

The technical content of this document is approved under the authority of the DOA ref. EASA. 21J.411.

### 1.6 Concurrent publications

n/a

### 1.7 Manpower


Approx. 1/2 hour is required to accomplish this SB.

### 1.8 Weight and Balance

n/a

### 1.9 Electrical load data

n/a

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### 1.10 Software modification


n/a

### 1.11 Referenced documentation

ADxC-73-001-AMM	edition 1.2	Airplane Maintenance Manual
32B220002L	issue C	wheel pant bracket
32B220002R	issue C	wheel pant bracket
See Appendix		

### 1.12 Other publications effected

n/a

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## 2 Material information

### 2.1 Material- cost – availability

Refer to aircraft manufacturer BRM Aero s.r.o.

### 2.2 Company support information

Refer to aircraft manufacturer BRM Aero s.r.o.

### 2.3 Material requirements per aircraft

32B220002L Issue C


32B220002R Issue C

### 2.4 Rework parts

n/a

### 2.5 Special tooling

Only standard tools used

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### 3 Accomplishment/Instructions

- 1) Remove the installed wheel pant by unscrewing both pant parts from the bracket
- 2) Jack the airplane as specified in the AMM chapter *07-10 Jacking* on the affected side
- 3) Unscrew the four attaching bolts of the bracket from the main landing gear
- 4) Remove the wheel pant bracket
- 5) Install the new bracket 32B220002L/R issue C
- 6) Reinstall the wheel pant
- 7) Secure screws as necessary
- 8) Check free rotation of the wheel in the bracket
- 9) Make a log book entry and add note to aircraft CAW documentation that this Service bulletin has been incorporated.

### 4 Appendix

32B220002L	issue C	wheel pant bracket
32B220002R	issue C	wheel pant bracket