

## Proposed amendment to Appendix 10 to the GCU

### Record of amendments

Amended by	Date	Module	Amendment
AG Neandertal	04/01/2023	M02.002	First draft
WG MNT decision	18/04/2023	M02.002	Update and approval (see minutes of the Maintenance WG meeting)
WU SG decision	23/05/2023	M02.002	WU SG approval
GCU JC decision	07/06/2023	M02.002	GCU JC approval

<b>Title</b>	M02.002: Insert buckle boss M02.002 : Mettre en place le téton de la bride M02.002: Federbundzapfen einsetzen
<b>Proposed amendment made by RU/keeper/other:</b>	AG Neandertal
<b>Proposed amendment to:</b>	<input checked="" type="checkbox"/> Appendix 10 <input type="checkbox"/> Annex 6 (appendix 10)
<b>Proposer:</b>	DB Cargo AG
<b>Location, date:</b>	Mainz, 23/12/2022
<b>Concise description:</b>	

**1. Starting point (current situation):**

<b>1.1. Introduction</b>
The task of the Working Group for the modularization of Appendix 10 of the GCU is to describe new modules containing the measures to restore fitness to run and to create a link to the damage codes of Appendix 9 as well as to the coding of the works of Appendix 10 annex 6
<b>1.2. Mode of operation</b>
The results of the working group are submitted as amendment to the Working Group Appendix 10 and so introduced in the regular process for validation of amendments
<b>1.3. Anomaly/description of problem</b>
Appendix 10 does not currently provide a comprehensive package of works to be carried out in order to restore the fitness to run. By introducing modularisation, this problem is solved. Modularisation supports the further digitalisation.  Broken leaf springs need to be exchanged in order to restore the fitness to run.
<b>1.4. Does this concern a recognised code of practice* (e.g. ISO, EN)?</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (state which):  * "a written set of rules that, when correctly applied, can be used to control one or more specific hazards." (Source: Regulation (source: Regulation EC 352/2009, Article 3)  "Technical provisions laid down in writing or conveyed verbally and pertaining to procedures, equipment and modes of operation which are generally agreed by the populations concerned (specialists, users, consumer and public authorities) to be suitable for achieving the objective prescribed by law, and which have either proven their worth in practice or, it is generally agreed, are likely to within a reasonable period of time". (Source: BMJ Handbuch der Rechtsförmlichkeit – guide published by German Ministry of Justice)

**2. Target situation**

<b>2.1. Elimination of anomaly/problem (solution sought)</b>
This measure restores the fitness to run after following damage code Appendix 9: <ul style="list-style-type: none"> <li>2.4.1 Boss of buckle out of position, abnormal position of axle box</li> </ul>

### 3. Additional text (relates only to proposed amendments to GCU Appendix 10):

Colour codes for amendment proposals:

**Black:** Currently applicable text; provides information and remains unchanged

**Red:** New text

**Blue:** (may be crossed out): Text to be deleted

Symbols are used as follows:

→ Link to other section of the GCU

✉ Communication between keeper and workshop

📄 Documentation of the work acc. to app. 10 annex 6

Note: if changes of the annex 6 are required, they have to be named below.

#### EN

##### **M02.002: Insert buckle boss**

<b>Technical requirements:</b>	Lifting equipment
<b>Organisational preparations:</b>	-
<b>No.</b>	<b>Work tasks, technical target state and additional notes</b>
1.	Prepare buckle boss <ul style="list-style-type: none"> <li>Lift the wagon to ease the load on the spring</li> <li>Lifting at the buffer is not permitted</li> </ul>
2.	Insert buckle boss: <ul style="list-style-type: none"> <li>Fit a securely seated buckle boss/axle-box housing</li> </ul>
3.	Minimum leaf clearance in accordance with→2.5.1
📄	

#### FR

##### **M02.002 : Mettre en place le téton de la bride**

<b>Conditions techniques :</b>	Dispositif de levage
<b>Mesures préparatoires :</b>	-
<b>n°</b>	<b>Contenu de l'intervention, état technique théorique et autres indications</b>
1.	Préparer la mise en place du téton de la bride <ul style="list-style-type: none"> <li>Levage du wagon pour délester le ressort</li> <li>Le levage par les tampons n'est pas autorisé</li> </ul>
2.	Mettre en place le téton de la bride <ul style="list-style-type: none"> <li>Téton de la bride/corps de boîte d'essieux en maintien sûr</li> </ul>
3.	Respecter le débattement minimal selon→2.5.1
📄	

#### DE

##### **M02.002: Federbundzapfen einsetzen**

<b>Technische Voraussetzungen:</b>	Hebevorrichtung
<b>Organisatorische Vorbereitungen:</b>	-
<b>Nr.</b>	<b>Arbeitsinhalt, technischer Sollzustand und sonstige Hinweise</b>
1.	Federbundzapfen einsetzen vorbereiten: <ul style="list-style-type: none"> <li>Anheben des Wagens zur Entlastung der Feder</li> <li>Das Anheben an den Puffer ist nicht gestattet</li> </ul>
2.	Federbundzapfen einsetzen: <ul style="list-style-type: none"> <li>Sicherer Sitz Federbundzapfen / Radsatzlagergehäuse hergestellt</li> </ul>
3.	Mindestfederspiel eingehalten gemäss→2.5.1
📄	

**4. Reason:****5. Assess potential positive/negative impacts**

*Assess the possible positive and negative effects (operations, costs, administration, interoperability, safety, competitiveness, etc.) on a scale of 1 (very low) to 5 (very high):*  
*Reasoning behind amendment:*

This measure describes the good practice in maintenance and should not have a positive or negative effect on operations, costs, administration, interoperability, competitiveness, but presents an increase on safety.

## 6. Safety appraisal of proposed amendment

Description of actual/target system, and scope of change to be made (see points 1 and 2).

Performance of risk analysis is unnecessary where only recognised standards are implemented.

Risk analysis conducted by:

<b>6.1. Does the change have an impact on safety?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
<b>6.2. Is the change significant?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
<b>6.3. Determining and classifying risk</b>	<input checked="" type="checkbox"/> N/A
6.3.1. Effect of change in normal operation: 6.3.2. Effect of change in the event of disruption/deviation from normal operation: 6.3.3. Potential misuse of system: <input type="checkbox"/> No <input type="checkbox"/> Yes (describe possible misuse):	
<b>6.4. Have safety measures been applied?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
For each type of risk, one of the following risk acceptance criteria is to be selected: <ul style="list-style-type: none"> <li>• Code of practice</li> <li>• Use of reference system</li> <li>• Explicit risk assessment</li> </ul>	
<b>6.5. Has a risk analysis been submitted to the assessment body?</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body	[Appendix]