

Proposed amendment to Appendix 10 to the GCU

Record of amendments

Amended by	Date	Module	Amendment
AG Neandertal	04/01/2023	M02.003	First draft
WG MNT decision	18/04/2023	M02.003	Update and approval (see minutes of the Maintenance WG meeting)
WU SG decision	23/05/2023	M02.003	WU SG approval
GCU JC decision	07/06/2023	M02.003	GCU JC approval

Title	M02.003: Suspension links removal/installation M02.003 Démonteur/monter suspension à anneaux M02.003: Schakengehänge aus/ ein
Proposed amendment made by RU/keeper/other:	AG Neandertal
Proposed amendment to:	<input checked="" type="checkbox"/> Appendix 10 <input type="checkbox"/> Annex 6 (appendix 10)
Proposer:	
Location, date:	Mettmann, 04/01/2023
Concise description:	

1. Starting point (current situation):

1.1. Introduction
The task of the Working Group for the modularisation 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
1.2. Mode of operation
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
1.3. Anomaly/description of problem
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.
1.4. Does this concern a recognised code of practice* (e.g. ISO, EN)?
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (state which): <small>* "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)</small> <small>"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)</small>

2. Target situation

2.1. Elimination of anomaly/problem (solution sought)
<p>This measure restores the fitness to run after following damage code Appendix 9:</p> <ul style="list-style-type: none"> • 2.4.3 Link pin displaced, missing, not secured

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

M02.003 Suspension links removal/installation

Technical requirements:	Wheelset lowering and lifting equipment
Organisational preparations:	✉ If necessary, request suspension links from the keeper with → Form H in accordance with Appendix 7
No.	Work tasks, technical target state and additional notes
1.	Remove suspension links: <ul style="list-style-type: none"> • Suspension spring shaft removed
2.	Install suspension links: <ul style="list-style-type: none"> • Clean suspension spring bore hole • Suspension spring shaft lubricated • Installation of the suspension bearings observed • Suspension link free to move after installation
📄	

FR

M02.003 Démonter/monter suspension à anneaux

Conditions techniques :	Vérin en fosse, dispositif de levage
Mesures préparatoires :	✉ Le cas échéant, demander la suspension à anneaux auprès du détenteur avec → modèle H selon l'annexe 7
n°	Contenu de l'intervention, état technique théorique et autres indications
1.	Démonter la suspension à anneaux : <ul style="list-style-type: none"> • Axe de ressort de suspension démonté
2.	Monter la suspension à anneaux : <ul style="list-style-type: none"> • Alésage du support de suspension nettoyé • Téton de la bride graissé • Attention à la position de montage des coussinets • Suspension à anneaux bouge librement
📄	

DE**M02.003 Schakengehänge aus/ ein**

Technische Voraussetzungen:	Radsatzsenke, Hebevorrichtung
Organisatorische Vorbereitungen:	☑ ggf. Schakengehänge beim Halter mit →Muster H nach Anlage 7 abfordern
Nr.	Arbeitsinhalt, technischer Sollzustand und sonstige Hinweise
1.	Schakengehänge ausbauen: <ul style="list-style-type: none"> • Tragfederbolzen ausgebaut
2.	Schakengehänge einbauen: <ul style="list-style-type: none"> • Federbockbohrung gereinigt • Tragfederbolzen gefettet • Einbaulage der Schakensteine beachtet • Schakengehänge nach Einbau freigängig
	

4. Reason:

5. Assess potential positive/negative impacts
<p><i>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):</i> Reasoning behind amendment:</p> <p>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.</p>

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:

6.1. Does the change have an impact on safety?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
6.2. Is the change significant?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Reason: No change in the process	
6.3. Determining and classifying risk	<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):	
6.4. Have safety measures been applied?	<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"> • Code of practice • Use of reference system • Explicit risk assessment 	
6.5. Has a risk analysis been submitted to the assessment body?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body	[Appendix]