

Proposed amendment to to the GCU

Title	<i>Correction of the module M01.001 wheelset removal/installation</i>
Nummer	AP-MNT-2025-05
Planned entry into force	01/01/2026
Related Topic proposal	TP-MNT-2025-05
Proposer / issuing working group	WG MNT
Section of the GCU	Appendix 10 GCU
Concise description (Management Summary)	<i>Module M01.001 requires a measurement of the buffer height after each removal and installation of wheel sets. The measurement of the buffer height is only necessary if the wheel sets have been replaced. The implementation of a clarification avoids unnecessary effort.</i>

Record of amendments:

Status	Date	Comment
<i>In creation</i>	03/01/2025	<i>Created by the modularisation WG</i>
<i>Updates</i>	29/01/2025 04/03/2025	<i>Updated during the WG MNT meeting in Paris</i>
<i>Decision Working Group</i>	04/03/2025	<i>Approved by the WG MNT</i>
<i>Feedback loop WG MNT after UIC WU SG, UIP and ERFA meetings</i>	12/05/2025	<i>Corrected following to UIP meeting and approved by the WG MNT</i>
<i>Decision GCU JC</i>	12/06/2025	<i>Approved by the GCU JC</i>

1. Subject matter and reason for the amendment:

- The module currently requires a measurement of the buffer height after each removal and installation of wheelsets. Measurement of the buffer height is only necessary if the wheelsets have been replaced. When installing the same wheel sets, a measurement is not necessary.

2. Description of the intended amendment and reason to implement it in the GCU:

- An additional note should be implemented in module M01.001 at step No. 7.
- The note should clarify that measuring the buffer height is only necessary if the wheelsets have been replaced

3. Is it reasonable to amend the contract?

- Yes. The implementation of an additional note brings clarity to the module and avoids unnecessary efforts during the repairs.

Proposed amendment to the GCU:

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.

English version:

1. Running gear

Modules with measures to restore the fitness to run

M01.001 Wheelset removal/installation

Technical requirements:	Wheelset lowering and/or lifting equipment
Organisational preparations:	✉ If necessary, request wheelset from the keeper with →Form H ^R in accordance with Appendix 7
No.	Work tasks, technical target state and additional notes
1.	<p>Prepare wheelset removal, taking into account →1.36:</p> <ul style="list-style-type: none"> • loosen axle-guard tie and/or T-lifting guard • increase brake block clearance for unhindered removal of the wheelset • remove parts obstructing wheelset removal <p><i>Additional notes: secure the suspension springs against tipping, for the removal of the axle-guard tie →M04.001</i></p>
2.	<p>Remove wheelset</p> <p><i>Additional notes: observe → 0.9 when lifting the wagon</i></p>
3.	<p>Examine brake blocks in accordance with →3.7 or →3.8, where appropriate, replace →M03.003</p>
4.	<p>If the axle becomes damaged through rubbing, rectify cause →M03.004</p>
5.	<p>Install wheelset →1.21</p>
6.	<p>Remount disassembled parts with suitable locking screws and nuts according to the previously attached connections</p> <p><i>Additional notes: →M04.001 when attaching the axle-guard tie →M04.001</i></p>
7.	<p>If at least one wheelset has been replaced: Measure buffer height →M05.002</p>
8.	<p>Carry out a brake function test →M03.001</p>

German version:**1 Laufwerk****Module mit Maßnahmen zur Wiederherstellung der Lauffähigkeit**M01.001: Radsatz aus/ein

Technische Voraussetzungen:	Radsatzsenke bzw. Hebevorrichtung
Organisatorische Vorbereitungen:	<input checked="" type="checkbox"/> ggf. Radsatz beim Halter mit →Muster H ^R nach Anlage 7 abfordern
Nr.	Arbeitsinhalt, technischer Sollzustand und sonstige Hinweise
1.	<p>Radsatzausbau vorbereiten, unter Beachtung von →1.36:</p> <ul style="list-style-type: none"> • Radsatzhalterstege bzw. T-Stücke Abhebesicherung demontiert • Bremsklotzspiel für den ungehinderten Ausbau des Radsatzes vergrößern • Ausbau von Teilen, die den Radsatzausbau behindern <p><i>Sonstige Hinweise: Sichern der Tragfedern gegen Abkippen; beim Abbau des Radsatzhalterstegs →M04.001 beachten</i></p>
2.	<p>Radsatz ausbauen</p> <p><i>Sonstige Hinweise: beim Anheben des Wagens →0.9 beachten</i></p>
3.	Bremssohlen untersuchen nach →3.7 oder →3.8, ggf. ersetzen →M03.003
4.	Bei Beschädigung der Radsatzwelle durch schleifende Teile, Ursache beheben →M03.004
5.	Radsatz einbauen →1.21
6.	Demontierte Teile mit geeigneten Befestigungselementen gemäß den zuvor angebrachten Verbindungen anbauen
7.	Sofern mindestens ein Radsatz ersetzt wurde: Pufferstand messen →M05.002
8.	Funktionsprobe der Bremse durchführen →M03.001

French version:**1 Organes de Roulement****Modules contenant les mesures destinées à rétablir l'aptitude à la circulation**M01.001 : Démonter/monter l'essieu monté

Conditions techniques :	Vérin en fosse et/ou dispositif de levage
Mesures préparatoires :	<input checked="" type="checkbox"/> Si nécessaire, demander l'essieu auprès du détenteur avec → modèle H ^R selon l'annexe 7
n°	Contenu de l'intervention, état technique théorique et autres indications
1.	<p>Préparer la dépose de l'essieu monté, tenir compte de →1.36 :</p> <ul style="list-style-type: none"> • Entretoises de plaques de garde et/ou tés de relevage pièces en T démontées • Accroître le jeu au sabot de frein pour permettre la dépose aisée de l'essieu monté • Démontage de pièces gênant la dépose de l'essieu monté <p><i>Indications complémentaires : Sécuriser les ressorts de suspension contre le basculement ; lors du démontage de la plaque de garde →M04.001</i></p>
2.	<p>Dépose de l'essieu monté</p> <p><i>Indications complémentaires : Lors du levage du wagon, respecter → 0.9</i></p>
3.	Examiner les semelles de frein selon →3.7 ou →3.8, si nécessaire, remplacer →M03.003
4.	En cas d'endommagement de l'essieu-axe par des pièces frottantes, éliminer la cause → M03.004
5.	Monter l'essieu →1.21
6.	Monter les pièces démontées avec les éléments de fixation appropriés selon les assemblages préalablement réalisés
	<i>Indications complémentaires : Lors du démontage de l'entretoise de plaque de garde →M04.001</i>
7.	Si au moins un essieu a été remplacé : mesurer le niveau des tampons →M05.002
8.	Test de fonctionnement du frein →M03.001

Annex: Safety Assessment 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.

This Safety Assessment is created and released by the working group and validated by the vote of the GCU signatories

1.1. Does the proposed change have an impact on safety?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Justification: clarification of maintenance step number 7	
1.2. Is the proposed change significant?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Justification:	
1.3. Determining and classifying risk, if necessary	<input type="checkbox"/> N/A
1.3.1 Effect of change in normal operation:	
1.3.2 Effect of change in the event of disruption/deviation from normal operation:	
1.3.3 Potential misuse of system: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe possible misuse):	
1.4. Have safety measures been applied?	<input 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"> • <i>Code of practice</i> • <i>Use of reference system</i> • <i>Explicit risk assessment</i> 	
1.5. Has a risk analysis been submitted to the assessment body?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Assessment body: Attach the verdict reached by the assessment body	[Appendix]