

Proposed amendment to the GCU

Title	<i>Update of Modules M02.004, M03.001, und M04.002</i>
Reference	<i>AP-MNT-2026-11</i>
Planned change date	<i>01/01/2027</i>
Topic proposal	<i>TP-MNT-2026-11</i>
Proposer / working group	<i>WG MNT</i>
Section of the GCU	<i>GCU Appendix 10</i>
Concise description	<i>Update of the provisions for checking the brake after maintenance</i>

Record of amendments:

Status	Date	Comment
<i>Work order</i>	<i>6/11/2025</i>	<i>TP approved by GCU JC</i>
<i>In creation</i>	<i>17/10/2025</i>	<i>Ad hoc WG MNT meeting</i>
<i>Updates</i>	<i>02- 03/12/2025</i>	<i>By WG Maintenance</i>
<i>...</i>	<i>03- 04/02/2026</i>	<i>By WG Maintenance</i>
<i>Decision Working group</i>	<i>03- 04/02/2026</i>	<i>Approved by WG Maintenance</i>
<i>Feedback loop WG MNT after UIC WU SG, UIP et ERFA meetings</i>		<i>No change reported, approved by all</i>
<i>Decision GCU JC</i>	<i>23/06/2026</i>	<i>Approved by the GCU JC</i>

1. Subject matter and reason for the amendment:

- Recent returns of experience have shown that these modules need to be updated.

2. Description of the intended amendment and reason for implementing it in the GCU:

- Update M02.004: Point 4 limitation to mechanical brake parts.
- Update M03.001: Definition of follow-up measures.
- Update M04.002: Reference to M03.007 to be added.

3. Is it reasonable to amend the contract?

- Is the change critical to keep the GCU up to date? **Yes**
- Is the implementation of the change urgent? **Yes**
- What is the estimated scope of application of the amendment (e.g. number of wagons affected, number of maintenance operations, etc.)? **All wagons requiring this kind of work**
- Consequences of not implementing the proposal: **Unclear rules in the GCU due to double provisions**
- Define overall priority (High, Medium, Low): **High**

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:

M02.004: Helical springs removal/installation

4.	Install wheelset → M01.001 <i>Additional notes:</i> W When replacing <i>the</i> spring, measure the buffer height → M05.002. When dismantling <i>mechanical</i> brake components, carry out a functional check of the brake → M03.001
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M03.001 Brake function test

3	If the brake test is unsuccessful, it must be repeated. If it fails again, isolate the brake and record the restriction of use
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M04.002 Restore connecting elements bogie/underframe

4.	When dismantling <i>mechanical</i> brake components, carry out a brake function test → M03.001. <i>When dismantling pneumatic brake components or connecting elements, check the brake for leaks → M03.007</i>
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German:

M02.004: Schraubenfedern aus/ein

4	Radsatz einbauen → M01.001 <i>Sonstige Hinweise: nach Federntausch ist das Messen des Pufferstandes → M05.002 erforderlich. Bei Demontage von <i>mechanischen</i> Bremsbauteilen, muss eine Funktionsprobe der Bremse durchgeführt werden → M03.001</i>
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M03.001: Funktionsprobe der Bremse

3	Bei nicht bestandener Funktionsprobe muss diese wiederholt werden. Bei erneutem nicht bestehen, muss die Bremse ausgeschaltet und die Nutzungseinschränkung dokumentiert werden.
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M04.002: Verbindungselemente Drehgestell/ Untergestell wiederherstellen

4	Bei Demontage von <i>mechanischen</i> Bremsbauteilen, Funktionsprobe der Bremse durchführen → M03.001. <i>Bei Demontage pneumatischer Bremsbauteile oder Verbindungen muss die Dichtheit der Bremse geprüft werden → M03.007</i>
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French:

M02.004: Démonter/monter les ressorts hélicoïdaux

4.	Monter l'essieu monté → M01.001 <i>Indications complémentaires : si échange des ressorts, mesurer la hauteur des tampons → M05.002. En cas de démontage des éléments <i>mécaniques</i> de frein, faire un test de fonctionnement du frein → M03.001</i>
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M03.001: Test de fonctionnement du frein

3	Si l'essai de frein n'est pas valide, il doit être répété. En cas de nouvel échec, isoler le frein et documenter par une restriction d'utilisation.
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M04.002 Rétablir les éléments de liaison bogie/châssis

4.	En cas de démontage des éléments mécaniques de frein, effectuer un test de fonctionnement du frein →M03.001. En cas de démontage des éléments pneumatiques de frein ou éléments de liaison, vérifier l'étanchéité du frein →M03.007.
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Annex: Safety assessment of proposed amendment

Description of actual/target system, and scope of change to be made (see concise description).

Performance of risk analysis is not necessary 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 change have an impact on safety?	☒ No ☐ Yes
Reason: Clarification of existing provisions.	
1.2. Is the change significant?	☐ No ☐ Yes
Reason:	
1.3. Determining and classifying risk	☐ 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: ☐ No ☐ Yes (describe possible misuse):	
1.4. Have safety measures been applied?	☐ No ☐ Yes
<i>For each type of risk, one of the following risk acceptance criteria is to be selected:</i> • <i>Code of practice</i> • <i>Use of reference system</i> • <i>Explicit risk assessment</i>	
1.5. Do we need to submit this change to an assessment body (when assessed as safety relevant <u>and</u> significant)?	☐ No ☐ Yes
If yes, Assessment body: Attach the verdict reached by the assessment body	[Appendix]