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**Changes to legislation:** There are outstanding changes not yet made to Commission Regulation (EU) No 1230/2012. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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## ANNEX IV

### TECHNICAL REQUIREMENTS FOR THE INSTALLATION OF LIFT- OR LOADABLE AXLE(S) ON VEHICLES

1. If a vehicle is fitted with one or more lift- or loadable axles it shall be ensured that under normal driving conditions the registration/in-service maximum permissible masses on solo axles or groups of axles are not exceeded. To that end the lift- or loadable axle(s) shall be lowered to the ground or be loaded automatically if the nearest axle(s) of the group or the front axle(s) of the motor vehicle is/are laden to its/their registration/in-service maximum permissible mass(es).

Where a lift axle is in elevated position, it shall be ensured that the mass on the steering axle(s) continues to be sufficient to ensure the safe driving of the vehicle in all circumstances. For such purposes, the vehicle manufacturer shall specify, in the case of incomplete vehicles, the minimum mass on the steering axle(s).

2. Every axle-lift device fitted to a vehicle, as well as the systems for its operation, shall be designed and installed in such a manner as to protect them against any improper use or tampering.
3. Requirements for moving off vehicles on slippery surfaces and to improve their manoeuvrability
- 3.1. By way of derogation from the requirements of point 1 and to help motor vehicles or vehicle combinations to move off on slippery ground and to increase the traction of the tyres on these surfaces as well to improve their manoeuvrability, the axle lift device may actuate the lift- or loadable axle(s) of a motor vehicle or semi-trailer to increase or decrease the mass on the driving axle of the motor vehicle, subject to the following conditions:
  - (a) the mass corresponding to the load on each axle of the vehicle may exceed the maximum authorised mass on the axle in force in the Member State by up to 30 % provided it does not exceed the value stated by the manufacturer for this special purpose;
  - (b) the mass corresponding to the remaining load on the front axle(s) shall remain above zero (i.e. in case of a rear loadable axle with long rear overhang, the vehicle may not tip up);
  - (c) the lift- or loadable axle(s) shall be actuated only by a specific control;
  - (d) after the vehicle has moved off and before its speed exceeds 30 km/h, the axle(s) shall automatically be lowered again to the ground or be reloaded.

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**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Signature words omitted by [S.I. 2022/1273 reg. 71\(10\)](#)
- Annex 5 Pt. B s. 1 words substituted by [S.I. 2022/1273 reg. 72\(4\)\(c\)\(iii\)](#)
- Annex 5 Pt. B s. 2 words substituted by [S.I. 2022/1273 reg. 72\(4\)\(c\)\(iv\)](#)
- Annex 5 Pt. D s. 1 words substituted by [S.I. 2022/1273 reg. 72\(4\)\(e\)\(iii\)](#)
- Annex 1 Appendix 2 point 2.1 words substituted by [S.I. 2022/1273 reg. 72\(2\)\(e\)\(i\)](#)
- Annex 1 Appendix 2 point 2.2 words substituted by [S.I. 2022/1273 reg. 72\(2\)\(e\)\(ii\)\(aa\)](#)
- Annex 1 Appendix 2 point 2.2(c) words substituted by [S.I. 2022/1273 reg. 72\(2\)\(e\)\(ii\)\(bb\)](#)
- Annex 1 Appendix 4 point 1.3 words substituted by [S.I. 2022/1273 reg. 72\(2\)\(f\)](#)
- Art. 2(1) words substituted by [S.I. 2022/1273 reg. 71\(3\)\(b\)](#)
- Art. 2(2) words substituted by [S.I. 2022/1273 reg. 71\(3\)\(c\)](#)
- Art. 2(11) words substituted by [S.I. 2022/1273 reg. 71\(3\)\(d\)](#)
- Art. 2(40) words substituted by [S.I. 2022/1273 reg. 71\(3\)\(e\)](#)
- Art. 6(1)(1a) substituted for Art. 6(1) by [S.I. 2022/1273 reg. 71\(8\)\(a\)](#)