

Proposal for the 02 series of amendments to UN Regulation No. 67 (LPG vehicles)

With exception of paragraph 22.13., the stipulations suggested below were prepared by the Task Force on gas-fueled vehicle regulations. Details on that Task Force are given in item 29 of report ECE/TRANS/WP.29/GRSG/92 of the 113th GRSG session.

Paragraph 22.13. was added and the document was handed in by the experts from Germany. It shall replace documents GRSG-112-32 and ECE/TRANS/WP.29/GRSG/2017/16. The modifications to the current text of UN Regulation No. 67 are marked in bold for new characters and strikethrough for deleted characters.

I. Proposal

Insert a new paragraph 17.1.6.1., to read:

"17.1.6.1. Notwithstanding the provisions of paragraph 17.1.6., it shall be possible to make an external inspection (e.g. for Periodic Technical Inspection) of the LPG-container and its accessories, when located outside the vehicle, with visual aids, e.g. lamps, mirrors or endoscopes, according to the specifications of the manufacturer, without the use of tools to dismantle."

Insert new transitional provisions in Part II of the Regulation (vehicles with regard to the installation of specific components) to read:

"22.6. As from the official date of entry into force of the 02 series of amendments, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type-approvals under this UN Regulation as amended by the 02 series of amendments.

22.7. As from 1 September [2020], Contracting Parties applying this UN Regulation shall not be obliged to accept UN type-approvals to the preceding series of amendments, first issued after 1 September [2020].

22.8. Until 1 September [2021], Contracting Parties applying this UN Regulation shall accept UN type-approvals to the preceding series of amendments, first issued before 1 September [2020].

22.9. As from 1 September [2021], Contracting Parties applying this UN Regulation shall not be obliged to accept type-approvals issued to the preceding series of amendments to this Regulation.

22.10. Notwithstanding paragraph 22.9., Contracting Parties applying the UN Regulation shall continue to accept UN type-approvals of the equipment/parts issued according to the preceding series of amendments to the UN Regulation.

22.11. Notwithstanding paragraph 22.9., Contracting Parties applying the UN Regulation shall continue to accept UN type-approvals issued according to the preceding series of amendments to the UN Regulation, for the vehicles/vehicle systems which are not affected by the changes introduced by the 02 series of amendments.

22.12. Contracting Parties applying this UN Regulation shall not refuse to grant UN type-approvals according to any preceding series of amendments to this UN Regulation or extensions thereof.

22.13. As from 1 September [2021], Contracting Parties applying this Regulation may refuse national or regional type-approval and may refuse first registration of a vehicle type, if the vehicle type is affected by the changes introduced by the 02 series of amendments but does not meet the requirements of the 02 series of amendments to this UN Regulation."

In section 5.2 replace 2 times "01" by "02".

Throughout Annexes 2A and 2C (Model A and Model B), replace the symbol "01" by "02" (9 times).

II. Justification

1. New paragraph 17.1.6.1. on protective housing.

The Task Force achieved consensus that a complete inspection of all outer surfaces of the container (or the containers) without completely dismantling of the protective housing is not possible. In addition it was agreed that corrosion is generally not starting in the area of the container covered by support straps. Increasing the visibility of the container/s and other components is the best way to determine if a more thorough inspection is needed. An essential aspect of the proposal is the distinction between dismantling tools and devices designed to achieve better visibility of container sections that are difficult to inspect.

It was agreed that the use of tools for dismantling components is not in line with the requirements of EU Directive 2014/45/EU and UN Rule No. 2 of the 1997 Agreement.

2 Transitional provisions suggested by the Task Force

Due to the new stipulations modifications of the way of constructing protective housings may be necessary. For this reason the Task Force agreed to introduce a new series of amendments and to allow transitional provisions. The transitional provisions include stipulations to the effect that modifications will only be required if protective housings have to be modified to fulfill paragraph 17.1.6.1.

3 Additional transitional provision 22.13. suggested by Germany

Germany suggests adding that paragraph to allow a Contracting Party or a regional organization of Contracting Parties like the EU to refuse national or regional type-approval and to refuse first registration of a vehicle type affected by the changes introduced by the 02 series of amendments but not meeting those stipulations. Paragraph 22.13 is an addition to paragraph 22.9. giving more stress to aspects of national and regional type-approval and of first registration of vehicles.
