
Informal document GRBP-83-11-Rev.1 to amend

WP.29/GRBP/2026/3 (combining GRBP-83-11 and GRBP-83-42)

Working Party on Noise and Tyres

Eighty-third session

Geneva, 10–13 February 2026

Item 6 of the provisional agenda

Regulatory Fitness for Automated Driving Systems

Proposal for Supplement 3 to the 01 series of Amendments to UN Regulation No. 142 (Tyres Installation)

Submitted by the Task Force on Automated Vehicle Regulation Screening*

The text reproduced below was prepared by the expert from the European Commission on behalf of the Task Force on Automated Vehicle Regulation Screening (TF AVRS), to enable the application of the Regulation to vehicles equipped with automated driving systems (ADS). The modifications to the existing text of the UN Regulation are marked in “bold” for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2026 as outlined in proposed programme budget for 2026 (A/80/6 (Sect. 20), table 20.7), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 1., footnote 1, amend to read:

"¹ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.68, ~~para. 2~~
~~www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html~~
<https://unece.org/transport/vehicle-regulations/wp29/resolutions>"

Insert new paragraphs 2.23. to 2.26. to read:

- "2.23. "Automated Driving System (ADS)" means the vehicle hardware and software that are collectively capable of performing the entire Dynamic Driving Task (DDT) on a sustained basis¹.**
- 2.24. "Dynamic Driving Task (DDT)" means the real-time operational and tactical functions required to operate the vehicle¹.**
- 2.25. "Category X vehicles" are vehicles of categories M, N, L and T meeting all of the following conditions¹:**
- (a) They are equipped with an ADS**
 - (b) They are not capable of being driven manually at speeds exceeding 6 km/h**
 - (c) They are designed to carry occupants**
- 2.26. "Category Y vehicles" are vehicles of categories N, L and T meeting all of the following conditions¹:**
- (a) They are equipped with an ADS**
 - (b) They are not capable of being driven manually at speeds exceeding 6 km/h**
 - (c) They are not designed to carry occupants at any time"**

Paragraph 4.4.1., footnote 2, amend to read:

"² The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in Annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.68, Annex 3 -
~~www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html~~
<https://unece.org/transport/vehicle-regulations/wp29/resolutions>"

Paragraph 5.2.3.2.2., amend to read:

- "5.2.3.2.2. In the case of vehicles normally equipped with normal tyres and occasionally fitted with tyres for use in severe snow conditions (i.e. marked with the Alpine Symbol as described in UN Regulation No. 117 or the Snow Grip Symbol for Studded Tyres¹ as described in UN Regulation No. 164) where in such a case the speed category of the tyre for use in severe snow conditions shall be greater than or equal to the lesser of the maximum vehicle design speed and 160 km/h. However, if the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres for use in severe snow conditions, a maximum speed warning label, specifying the lowest value of the maximum speed capability of the fitted tyres for use in severe snow conditions, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver. Other tyres with improved snow traction (i.e. with the M+S marking, but without the Alpine Symbol or the Snow Grip Symbol for Studded Tyres¹) shall comply with the requirements of paragraphs 5.2.3.1.1. and 5.2.3.1.2. of this Regulation.**

¹ Notwithstanding the provisions of this Regulation a Contracting Party may permanently, temporarily or conditionally prohibit the use of, or impose additional requirements for, studded tyres.

For vehicles equipped with an ADS, it shall be ensured that, whenever a tyre is installed or replaced, information is sent to the ADS about the maximum speed corresponding to the lowest speed category symbol of the fitted tyres for use in severe snow conditions.

The speed warning label shall not be required for vehicles of categories X and Y."

Paragraph 5.2.3.2.3., amend to read:

- "5.2.3.2.3. In the case of vehicles equipped with special use tyres. However, if the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted special use tyres, a maximum speed warning label, specifying the lowest value of the maximum speed capability of the fitted special use tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.

For vehicles equipped with an ADS, it shall be ensured, whenever a tyre is installed or replaced, that information is sent to the ADS about the maximum speed corresponding to the lowest speed category symbol of the fitted special use tyres.

The speed warning label shall not be required for vehicles of categories X and Y."

Paragraph 5.2.3.2.4., amend to read:

- "5.2.3.2.4. In the case of vehicles of categories M2, M3, N2 or N3 equipped with a speed limitation device (SLD) approved according to UN Regulation No. 89 where in such a case the speed symbol of the tyres shall be compatible with the speed at which the limitation is set. However, if the vehicle manufacturer has foreseen that the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres, a maximum speed warning label, specifying the maximum speed capability of the tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.

For vehicles equipped with an ADS, it shall be ensured that, whenever a tyre is installed or replaced, information is sent to the ADS about the maximum speed corresponding to the lowest speed category symbol of the fitted tyres.

The speed warning label shall not be required for vehicles of categories X and Y."

Paragraph 5.2.3.2.5., amend to read:

- "5.2.3.2.5. In the case of vehicles of categories M1 or N1 equipped with an on-board system fulfilling a speed limitation device / function where in such a case the speed symbol of the tyres shall be compatible with the speed at which the limitation is set.

However, if the vehicle manufacturer has foreseen that the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres, a maximum speed warning label, specifying the maximum speed capability of the tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.

For vehicles equipped with an ADS, it shall be ensured that, whenever a tyre is installed or replaced, information is sent to the ADS about the maximum speed corresponding to the lowest speed category symbol of the fitted tyres.

The speed warning label shall not be required for vehicles of categories X and Y."

Paragraph 5.2.3.3., amend to read:

"5.2.3.3. The manufacturer shall provide the necessary information about suitable replacement tyres with an appropriate speed capacity in the vehicle owner's handbook or by any other communication means in the vehicle.

For vehicles equipped with an ADS, it shall be ensured that, whenever a replacement tyre is installed, information is sent to the ADS about the maximum speed corresponding to the speed category symbol of the fitted replacement tyre."

Annex 1,

Footnote 4, amend to read:

"⁴ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.68, para. 2 - www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html **<https://unece.org/transport/vehicle-regulations/wp29/resolutions>**"

Footnote 5, amend to read:

"⁵ Where there is one version with a normal cab and another with a sleeper cab **or without a cab**, ~~both~~ **all three** sets of masses and dimensions are to be stated. "

Insert a new item 6.2., to read:

"6.2. Vehicle is equipped with an ADS: yes/no"

Annex 2, Section I, insert a new item 2.2., to read:

"2.2. Vehicle equipped with an ADS: yes/no²"

Annex 2, Addendum to communication form, insert a new item 4.2., to read:

"4.2. Brief description of the automated driving system (ADS) (if fitted): ..."

II. Justification

1. The amendments in this document extend existing requirements for manual driven vehicles to vehicles equipped with an ADS.
2. The informal document incorporates the changes in supplement 02 that was adopted in June 2025 by WP29.
3. Since this regulation might be used by applicants that are less involved in vehicles equipped with an ADS, the definitions of the RE.3 are repeated in the definition paragraph of this regulation to emphasize the type of changes and additions in this document.
4. When fitted tyres are limiting the use to lower speeds than the vehicle's capability. It is required that the vehicle user and in case of an ADS, the ADS shall be informed of this limitation to be able to adapt the driving behaviour to this limitation.