

Consolidated Proposal for supplement [XX] to 01 series of amendments and to 02 series of amendments of

- **UN Regulation No. 53 (Installation of lighting and light-signalling devices for L₃ category vehicles) and**
- **UN Regulation No.74 (Installation of lighting and light- signalling devices for L₁ category vehicles)**

The text reproduced below is prepared by the experts from India to propose changes in the UN R 53 and UN R 74 regulation. This proposal is to delete the prohibition requirements on usage of light & light signalling devices for L₃ and L₁ category of vehicles. India's proposals are marked in strikethrough for deletion of existing text and in bold text for addition of new text.

A) Proposal

Amend Para 5 General Specification of UN R 53 to read:

“

5.16. The fitting of each of the lighting and light-signalling devices mentioned in paragraphs 5.14. and 5.15. above shall be effected in conformity with the relevant requirements in paragraph 6. of this Regulation.

~~5.17. The fitting of any lighting and light-signalling devices other than those mentioned in paragraphs 5.14. and 5.15. above is prohibited for the purposes of type approval.~~

~~5.18~~ 17. Lighting and light-signalling devices type-approved for four wheeled vehicles of categories M1 and N1 and referred to in paragraphs 5.14. and 5.15. above may also be fitted to motorcycles.

~~5.19~~18. Rear position lamps, rear direction-indicators and rear retro-reflectors, may be installed on movable components only:

~~5.19~~18.1. If at all fixed positions of the movable components the lamps on the movable components meet all the position, geometric visibility, colorimetric and photometric requirements for those lamps.

~~5.19~~18.2. In the case where the functions referred to in paragraph 5.19. are obtained by an assembly of two lamps marked "D" (see paragraph 2.14.), only one of the lamps needs to meet the position, geometric visibility and photometric requirements for those lamps at all fixed positions of the movable components.

~~5.19~~18.3. Where additional lamps for the above functions are fitted and are activated, when the movable component is in any fixed open position, provided that these additional lamps satisfy all the position, geometric visibility and photometric requirements applicable to the lamps installed on the movable component.

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Amend Para 5 General Specification of UN R 74 to read:

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5.16. The fitting of each of the lighting and light-signalling devices mentioned in paragraphs 5.14. and 5.15. above shall be effected in conformity with the relevant requirements in paragraph 6 of this Regulation.

~~5.17. The fitting of any lighting and light signalling devices other than those mentioned in paragraphs 5.14. and 5.15. is prohibited with the exception of an appropriate illuminating device for the rear registration plate if it exists and its lighting is required.~~

5.17. Lighting and light-signalling devices type-approved for motorcycles and referred to in sections 5.16. and 5.17. may also be fitted to mopeds.

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B) Justification

1. Proposal has been introduced considering the used cases for the benefit of customer without affecting the performance or specification requirements of light and light signalling devices and at same time initiate feasibility verification of new functions those might provide safety benefits or comfort feature to the rider and to other road users.
2. In the recent past IMMA had to first propose amendment to UN R53 for permitting functions/systems like Exterior courtesy lamp , Direction indicator lamps to show the status of the device for protection of the vehicle against unauthorized use and in similar way Netherland had to propose amendment in UN R 74 introducing fitment of Direction indicator lamp for moped (above 25 km/h), So with presence of such text in regulation fitment of any other light and light signalling device or its functions get restricted till it is incorporated in respective regulations.
3. This may look like freedom for manufacturer to fit any device without restriction, however this is in line with today's fitment regulations for M& N category through UN R48 and T category vehicles through UN R86. So, proposal is to have similar provision for L₃ and L₁ categories of vehicles.
4. Consequential renumbering of subsequent paragraphs need to incorporated, some are done for reference purpose.
