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Installation Working Group

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GTB

*The International Automotive Lighting
and Light Signalling Expert Group*

Groupe de Travail "Bruxelles 1952"

The Motivation

- GTB has operated for many years with working groups dedicated to Front Lighting and Signal Lighting considering both device and installation matters.
- However, the increasing complexity of modern vehicles has shown that many inconsistencies exist in the installation regulations.
- The recent restructuring of GTB has provided an opportunity to give a better support to GRE by providing a working group with special focus on the “installation” regulations (with particular emphasis on ECE R48).

Scope

- The WG Installation acts in an advisory capacity to GTB and its working groups.
- To ensure the editorial alignment and coherence of contents of GTB proposals between installation regulation and the device regulations.

Objectives

- When requested it will:
 - examine proposals where complex elements effect installation of lighting and light signalling devices on vehicles of categories M, N, L, O and T.
 - provide uniform explanation of the installation requirements in relation to such proposals.
 - ensure the editorial alignment and coherence of contents between installation regulations and the devices type-approval regulations.
 - ensure that specific characteristics and performance have been correctly considered (e.g. switching and sensor relationships).

Methodology

- The WG Installation will work closely with other working groups, under the guidance of the GTB Technical Steering Committee.
- In most cases the work will be based on the inputs coming from the GTB Committee of Experts and from the Working Groups.
- Under special circumstance the WG Installation may introduce topics deemed appropriate for future work to the GTB Committee of Experts for consideration and approval.

Current Work

- Reduced inboard geometric visibility and definition of upper or lower edge of apparent surface, based on GRE/2010/36.
- Examination of the installation requirement to have a minimum value of light throughout the angles of geometric visibility when installed, however there is no provision to test a device during type approval.