

Proposal for a Supplement to Regulation No. 12 (Steering mechanism)

The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

3. APPLICATION FOR APPROVAL

3.1. VEHICLE TYPE

Paragraph 3.1.2.6. and 3.1.2.7., amend to read:

“3.1.2.6. evidence that the steering mechanism complies with the specifications of paragraph 5.2.2. of Regulation No. 94 **or with the specifications of paragraph 5.2.2.1. of Regulation No. 137** if the application for approval is submitted by the applicant pursuant paragraph 5.1.2. below.

3.1.2.7. evidence that the steering control complies with the specifications of paragraphs 5.2.1.4. and 5.2.1.5. of Regulation No. 94 **or with the specifications of paragraph 5.2.1.1.3. and 5.2.1.1.4. of Regulation No. 137** if the application for approval is submitted by the applicant pursuant paragraph 5.2.1. below.”

3.2. STEERING CONTROL TYPE

Paragraph 3.2.2.3, amend to read:

“3.2.2.3. evidence that the steering control complies with the specifications of paragraphs 5.2.1.4. and 5.2.1.5. of Regulation No. 94 **or with the specifications of paragraph 5.2.1.1.3. and 5.2.1.1.4. of Regulation No. 137**, if the application for approval is submitted by the applicant pursuant paragraph 5.2.1. below.”

4. APPROVAL

4.3. STEERING CONTROL TYPE

Paragraph 4.3.4.3, amend to read:

4.3.4.3 the symbol R94-02 **or R137** in the case of an approval pursuant paragraph 5.2.1. below.

Paragraph 5.1.2., amend to read:

"5.1.2. ... complies with the specifications of paragraph 5.2.2. of Regulation No. 94 **or with the specifications of paragraph 5.2.2.1. of Regulation No. 137.**"

Paragraph 5.2.1., amend to read:

"5.2.1. If the steering control is fitted with a steering wheel airbag, specifications of paragraph 5.2. above are deemed to be met if the vehicle equipped with such a steering system complies with the specifications of paragraphs 5.2.1.4. and 5.2.1.5. of Regulation No.94 **or with the specifications of paragraph 5.2.1.1.3. and 5.2.1.1.4.of Regulation No. 137.**"

Paragraph 5.6., amend to read:

"5.6. Specifications of paragraphs 5.5. to 5.5.3. above are deemed to be met if the vehicle equipped with an electrical power train operating on high voltage complies with the specifications of paragraphs 5.2.8. to 5.2.8.3. of Regulation No. 94, 02 series of amendments **or with the specifications of paragraphs 5.2.8. to 5.2.8.3 of Regulation No 137**"

II. Justification

Several requirements of Regulation No.12 foresee the alternative requirements of Regulation No.94 in order to avoid redundancy of testing. As an example, in paragraph 5.1.2. of Regulation No. 12 (frontal crash without dummies), the compliance with Regulation No. 94 for the steering wheel displacement is defined as an alternative to the requirements. OICA proposes to expand paragraph 5.1.2. and others of Regulation No. 12 to the equivalent specification of Regulation No. 137 (frontal collision, 50 km/h).

The "full width rigid barrier test" of Regulation No. 137 is also a high-speed frontal crash test (50 km/h) with requirements for several items equally addressed by Regulation No.12.

Consequently, Regulation No. 12 should be completed by references to Regulation No. 137 as well.
