

**Draft Corrigendum to Regulation No. 58, 02 series of amendments
(Rear underrun protection)**

This document replaces GRSG-101-10.

Changes to the current text of the Regulations are indicated in **bold** characters.

A. PROPOSAL

Paragraph 4.1.2., correct to read:

"4.1.2. "Type of RUPD" means RUPDs which do not differ with respect to the essential characteristics such as shape, dimensions, attachment, materials and the markings cited in paragraph 5.2.2 below.

At the contracting party's consent, if the deformation levels are to be equal to or lower than the type approved device, new devices may be applied by manufacturer as the same type."

Paragraph 16.2., correct to read:

"16.2. The width of the rear protective device must at no point exceed the width of the rear axle measured at the outermost points of the wheels, excluding the bulging of the tyres close to the ground, nor must it be more than 100 mm shorter on either side. Where there is more than one rear axle, the width to be considered is that of the widest rear axle.
However, the width of the device may exceed the width of the rear axle, provided that the former does not exceed the width of the vehicle immediately above it. In addition the requirements of paragraphs 3.1.2 and 3.1.3 of Annex 5 relating the distance of the points of application of the test forces from the outer edges of the rear wheels (Annex 1, item 7) shall be verified and recorded in the type approval communication form. "

B. JUSTIFICATION

Paragraph 4.1.2.:

It seems to us that other type approvals are needed under current paragraph 4.1.2., even if differences of shape, dimensions, attachment materials and markings are very small.

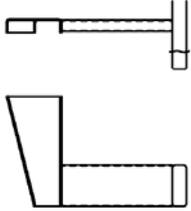
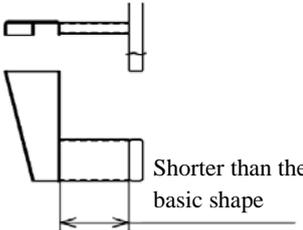
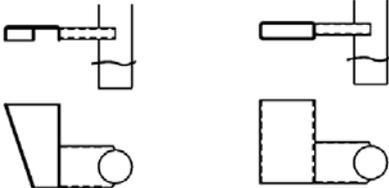
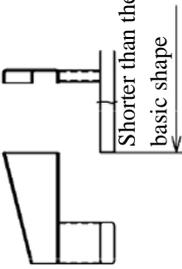
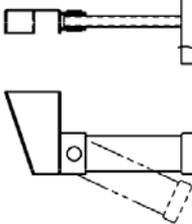
In case of slight differences, Japan would like to regard them as the same type for reduction of applicant's work load,

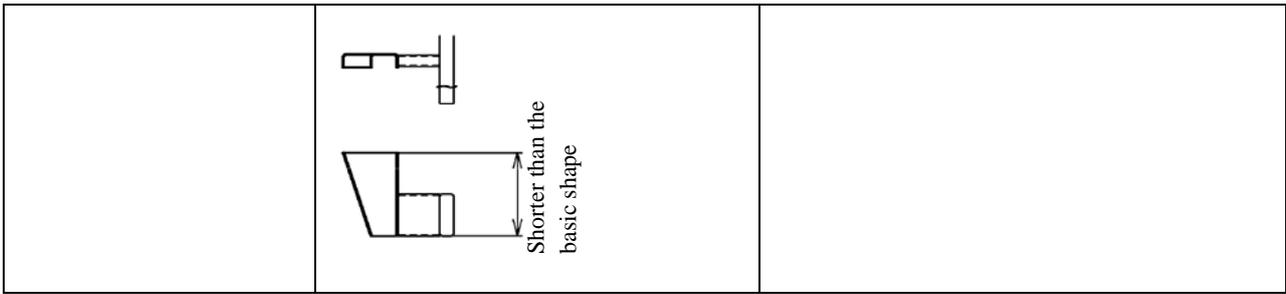
For the devices which have been type approved, if the deformation levels are to be equal to or lower than the type approved device, new devices may be applied by manufacturer as same type.

Explanatory Diagrams:

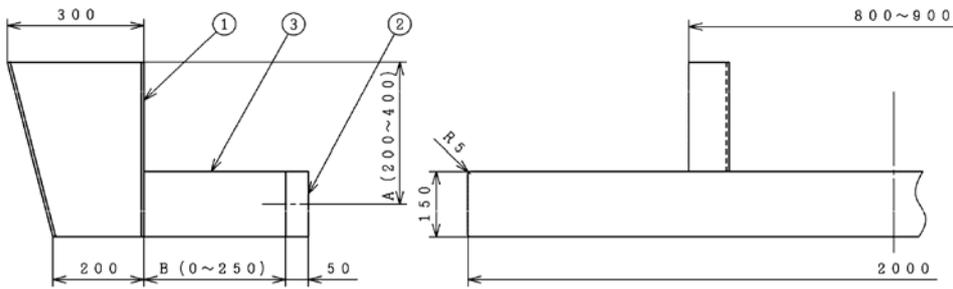
1. Scope of the Same Type

Scope of the same type

Basic shape to be approved	Devices that can produce the same test result as the basic shape for type approval	Devices that cannot produce the same test result as the basic shape for type approval
	<p>The depth differs from the shape to be approved.</p> 	<p>The cross-sectional shape differs from the shape to be approved. (Bumper body: □→○; Stay: コ→□, etc.)</p> 
	<p>The width differs from the shape to be approved.</p> 	<p>The mechanism differs from the shape to be approved.</p> 
	<p>The height differs from the shape to be approved.</p>	



2. Essential Characteristics (Shape and Dimensions) Shown in an Application for Approval (Example)



Dimensions of A	3 patterns (200, 300, 400)
Dimensions of B	6 patterns (0, 50, 100, 150, 200, 250)
Test conditions	Test to be performed with A=400, B=250. (The 18 patterns all produce the same or better result as these structural characteristics.)

Paragraph 16.2.:

The tailgate lifts which extend beyond the width of the rear axle should be approved as RUPDs under the requirements in part II. For this reason, we propose that the provision of paragraph 16.2 on the RUPD structure should be amended.

Explanatory diagrams

