

Proposal for corrigendum of UN Regulation No. 90

(Uniform provisions concerning the approval of replacement brake lining assemblies, drum-brake linings and discs and drums for powerdriven vehicles and their trailer)

Submitted by the expert from Italy

The text reproduced below was prepared by the expert from Italy in order to amend UN Regulation No. 90. The modifications to the current text of the UN Regulation are marked bold for added text and strike through for deleted text..

I. Proposal

Par. 2.3, amend to read:

2.3 Braking surface lightening: any solution is allowed (holes, slots, wave, etc.) provided that the ratio between the vehicle kinetic energy to the mass of the disc braking surface, must be same or ~~higher~~ **lower** than the reference disc (with tolerance of ~~-20~~ **+20** per cent maximum).

II. Justification

While implementing Amendment 8 to R90 regulation a misprint was made.

In particular, on Par. 2.3 the braking surface lightening criteria is incorrectly defined. The current definition allows to insert in the same homologation group discs that are more stressed than the reference disc.

The proposed modification clearly states that the reference disc used for disc group definition shall be the one with the highest braking surface lightening with respect to the motorcycle application (so highest $\frac{\text{vehicle kinetic energy}}{\text{disc braking surface mass}}$ ratio).
