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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Brakes and Running Gear (GRRF)  
(Fifty-seventh session, 31 January-4 February 2005,  
agenda item 3.)

AMENDMENT PROPOSAL TO REGULATION No. 90  
(Replacement brake linings)

Transmitted by the Chairman of the Informal group on replacement brake linings

Note: The text reproduced below was transmitted by the Chairman of the Informal group on replacement brake linings in order to amend Regulation No. 90.

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Note: This document is distributed to the Experts on Brakes and Running Gear only.

**A. PROPOSAL**

Paragraph 5.3.1.1., for "ISO 6312:1981" substitute "either ISO 6312:1981 or ISO 6312:2001"

Paragraph 5.3.1.2., for "ISO 6310:1981" substitute "either ISO 6310:1981 or ISO 6310:2001"

Paragraph 5.3.2.1., for "ISO 6312:1981" substitute "either ISO 6312:1981 or ISO 6312:2001"

Paragraph 5.3.2.2., for "ISO 6310:1981" substitute "either ISO 6310:1981 or ISO 6310:2001"

Paragraph 6.2.1., should be deleted.

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**B. JUSTIFICATION**

The Standards ISO 6310 and 6312 have been technically revised in order to cover the state of the art. It will be possible within Regulation No. 90 approvals to use either the "old" or the "new" standard.

The requirement of paragraph 6.2.1. turned out to be an obstacle in the replacement market for two reasons:

1. In some cases different metal shoes are used with different platform thicknesses for the same brake assembly. This may afford different length of the rivets.
2. For re-lining companies selling re-lined shoe assemblies into the market, it is more adequate to buy the lining kits and the rivets in bulk quantities separately.

The information supplied with the fitting instructions inside the lining kits is deemed to secure the correct riveting process.

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