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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

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Geneva, 10 - 13 March 2009
Item 4.2.26 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 11 to the 01 series of amendments to Regulation No. 90
(Replacement brake linings)

Submitted by the Working Party on Brakes and Running Gear */

The text reproduced below was adopted by the Working Party on Brakes and Running Gear (GRRF) at its sixty-fourth session. It is based on TRANS/WP.29/GRRF/2005/16, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRRF/64, para. 28).

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Insert a new paragraph 1.1.3., to read:

"1.1.3. The replacement brake lining assemblies used for separate parking brake systems being independent of the vehicle service brake system will be subject only to the technical prescriptions defined in Annex 8 of this Regulation."

Insert a new paragraph 2.12., to read:

"2.12. "Parking brake lining assembly" means a pad assembly or shoe assembly belonging to a parking brake system separate and independent from the service brake system."

Paragraph 2.12. (former), renumber as paragraph 2.13.

Paragraph 5.3.1.2., amend to read (adding a sentence at the end):

"5.3.1.2. Replacement brake linings
.... at 200 °C for shoe assemblies. This requirement does not apply to parking brake lining assemblies."

Paragraph 8.4.1., amend to read (adding a sentence at the end):

"8.4.1. ensure that for each
.... quality assurance procedure. For parking brake lining assemblies only the shear strength described in paragraph 5.3. is applicable."

Throughout the whole text of the Regulation, substitute "Annex 8" by "Annex 9".

Annex 8 (former), renumber as Annex 9.

Insert a new Annex 8, to read:

"Annex 8

TECHNICAL PRESCRIPTIONS FOR REPLACEMENT BRAKE LINING ASSEMBLIES INTENDED FOR THE USE IN SEPARATE PARKING BRAKE SYSTEMS BEING INDEPENDENT OF THE VEHICLE SERVICE BRAKE SYSTEM.

1. COMPLIANCE WITH REGULATION No. 13

Compliance with the requirements of Regulation No.13 shall be demonstrated in a vehicle test.

1.1. Vehicle test

A vehicle which is representative of the type(s) for which the replacement brake lining assembly approval is required shall be equipped with the replacement brake lining assemblies of the type for which approval is requested and instrumented for

brake testing as required by Regulation No. 13. The vehicle shall be fully laden. Brake linings submitted for test shall be fitted to the relevant brakes and, shall not be burnished.

- 1.2. The parking braking system of the vehicle shall be tested according to all relevant requirements in Regulation No. 13, Annex 4, paragraph 2.3."
