

19 February 2010

## AGREEMENT

**CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS  
FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED  
AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR  
RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF  
THESE PRESCRIPTIONS \*/**

(Revision 2, including the amendments which entered into force on 16 October 1995)

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**Addendum 89: Regulation No. 90**

**Revision 2 - Amendment 1**

Supplement 11 to the 01 series of amendments - Date of entry into force: 24 October 2009

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF REPLACEMENT  
BRAKE LINING ASSEMBLIES AND DRUM-BRAKE LININGS FOR POWER-DRIVEN  
VEHICLES AND THEIR TRAILERS**



**UNITED NATIONS**

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\*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.10-20875

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."

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