

1 July 2020

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations 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 United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 114 – UN Regulation No. 115

Revision 1 - Amendment 4

Supplement 9 to the original version of the Regulation – Date of entry into force: 29 May 2020

Uniform provisions concerning the approval of:

- I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion systems**
- II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion systems**

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2019/113.



UNITED NATIONS

* Former titles 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 (original version); 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, done at Geneva on 5 October 1995 (Revision 2).



Insert new paragraph 2.5.1.4. to read:

- "2.5.1.4. With regard to the requirement of paragraph. 2.5.1.1. (e), the retrofit vehicle family relation applicable for the purpose of this Regulation only, will be considered valid for both indirect and direct injection petrol vehicles if all the following conditions are satisfied:
- (a) The retrofit system is "master-slave" according to the definition of paragraph. 2.1.5.
 - (b) The retrofit system operates in indirect (port fuel) gas injection mode on direct petrol injection vehicles;
 - (c) At least one petrol direct injection vehicle has been tested as parent vehicle as defined in paragraph. 2.5."

Renumber paragraph 2.5.1.4. as 2.5.1.5.

Paragraph 2.5.1.5, amend to read:

- "2.5.1.5. With regard to the requirement of paragraph 2.5.1.1.(f) in case of a "*master-slave*" system, as defined in paragraph 2.1.5., the retrofit vehicle family relation applicable for the purpose of this Regulation only will be considered valid regardless of the presence of the air injection or the EGR."
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