

### **Proposal for a Corrigendum to Supplement 4 to Regulation No. 115**

Supplement 4 to the original version of Regulation No. 115 entered into force on 19 August 2010. Following the latest discussions in the GFV group, it appears that the remaining static references to testing procedures need to be deleted. Therefore, the proposed changes aim at completing the dynamic link of Regulation No. 115 to Regulation No. 83. Those changes should be integrated to the Supplement 4 as a Corrigendum.

As a reminder, the current footnote <sup>4</sup> in Supplement 4 reads:

“<sup>4</sup> According to Regulation No. 83, the series of amendments in force during the initial type approval of the engine.”

#### **Changes to Supplement 4 (Amendment 4) are made in red and/or in bold characters:**

Changes to Part I, Specific LPG retrofit systems:

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6.1.2.4.1. Specific requirements on the Type I test (verifying the average exhaust emissions after a cold start) ~~as defined in Regulation No. 83, 05 series of amendments~~ (for vehicles having the maximum mass not exceeding 3,500 kg):

...

6.1.2.4.2.1. One LPG retrofit system sample, as described in paragraph 2.2. of this Regulation, installed into the parent vehicle, as described in paragraph 2.5. of this Regulation, shall be submitted to the Type II test procedures described in Regulation No. 83<sup>4</sup>.

6.1.2.4.2.2. Notwithstanding the provisions ~~of Annex 5~~ of Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~, the Type II test shall be performed at the request of the system manufacturer with only one LPG reference fuel chosen at the discretion of the type approval technical service responsible for the test.

...

6.1.4.3. The LPG retrofit system, as described in paragraph 2.2. of this Regulation, installed into the parent vehicle(s), shall comply with the requirements and tests ~~of Annex 11~~ of Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~ on both petrol and LPG modes.

...

6.1.4.4.2. Notwithstanding the requirements of paragraph 6.1.4.3., the LPG retrofit system shall be submitted to the following tests which, in the case of Type I tests, shall be performed according to ~~Annex 11, Appendix 1, of~~ Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~.

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Changes to Part II, Specific CNG retrofit systems:

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6.2.2.4.1. Specific requirements on the Type I test (verifying the average exhaust emissions after a cold start) ~~as defined in Regulation No. 83, 05 series of amendments~~ (for vehicles having the maximum mass not exceeding 3,500 kg):

...

6.2.2.4.2.1. One CNG retrofit system sample, as described in paragraph 2.2. of this Regulation, installed into the parent vehicle, as described in paragraph 2.5. of this Regulation, shall be submitted to the Type II test procedures described in Regulation No. 83<sup>4</sup>.

6.2.2.4.2.2. Notwithstanding the provisions ~~of Annex 5~~ of Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~, the Type II test shall be performed at the request of the system manufacturer with only one CNG reference fuel chosen at the discretion of the type approval technical service responsible for the test.

...

6.2.4.3. The CNG retrofit system, as described in paragraph 2.2. of this Regulation, installed into the parent vehicle(s), shall comply with the requirements and tests ~~of Annex 11~~ of Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~ on both petrol and CNG modes.

...

6.2.4.4.2. Notwithstanding the requirements of paragraph 6.2.4.3., the CNG retrofit system shall be submitted to the following tests, which, in the case of Type I tests, shall be performed according to ~~Annex 11, Appendix 1, of~~ Regulation No. 83<sup>4</sup>; ~~05 series of amendments~~.

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