

CORRIGENDUM TO THE PROPOSAL FOR DRAFT AMENDMENTS TO
REGULATION No. 83

Transmitted by the experts from the European Commission (EC)

PROPOSAL:

Annex 11

Paragraph 3.3.3.4., amend to read :

- 3.3.3.4. If active on the selected fuel, other emission control system components or systems, or emission related powertrain components or systems which are connected to a computer, the failure of which may result in tailpipe emissions exceeding the limits given in paragraph 3.3.2.

Paragraph 4.5.2., amend to read :

- 4.5.2. Notwithstanding the requirements of paragraph 6.6. of Appendix 1 to this Annex, and where requested by the manufacturer, the type-approval authority shall accept the following deficiencies as meeting the requirements of this Annex for the evaluation and transmission of diagnostic signals:
- transmission of the diagnostic signals for the fuel currently in use on a single source address;

- evaluation of one set of diagnostic signals for both fuel types (corresponding to the evaluation on mono-fuelled gas vehicles, and independent of the fuel currently in use);
- selection of one set of diagnostic signals (associated to one of the two fuel types) by the position of a fuel switch.
- Evaluation and transmission of one set of diagnostic signals for both fuels in the petrol computer independent of the fuel in use. The gas supply system computer will evaluate and transmit the gaseous fuel system related diagnostic signals and store fuel status history.

Further options may be requested by the manufacturer and granted at the discretion of the type-approval authority.

Appendix 1

Paragraph 6.6., amend to read:

- 6.6. Specific requirements regarding the transmission of diagnostic signals from bi-fuelled gas vehicles
 - 6.6.1. For bi-fuelled gas vehicles where the specific signals of the different fuel systems are stored in the same computer, the diagnostic signals for the operation on petrol and for the operation on gas shall be evaluated and transmitted independently of each other.
 - 6.6.2. For bi-fuelled gas vehicles where the specific signals of the different fuel systems are stored in separate computers, the diagnostic signals for the operation on petrol and for the operation on gas shall be evaluated and transmitted from the computer specific to the fuel.
 - 6.6.3. On a request from a diagnostic tool, the diagnostic signals for the vehicle operating on petrol shall be transmitted on one source address and the diagnostic signals for the vehicle operating on gas shall be transmitted on another source address. The use of source addresses is described in ISO DIS 15031-5 “Road vehicles – Communication between vehicles and external test equipment for emissions-related diagnostics – Part 5: Emissions-related diagnostic services”, dated 1 November 2001.