

PROPOSAL FOR ADDENDUM 1
TO THE PROPOSAL FOR THE DRAFT SUPPLEMENT 2
TO THE SERIES OF AMENDMENTS TO REGULATION N° 67
(as described in document TRANS/WP29/2001/61 DATED 24TH AUGUST 2001)

Transmitted by the Italian Experts

Note: the text reproduced below is the result of a compromise with the Italian Industry and the Authorities to allow easier future implementation of the LPG Euro filling unit for LPG retrofitted vehicles.

PROPOSAL:

Insert a new paragraph 6.15.10.1.1., to read :

- "6.15.10.1.1. Notwithstanding the provisions of the paragraph 6.15.10.1. and by way of derogation, the Contracting Parties to this Regulation may authorise on vehicles in categories MI having a total mass \leq 3,500 kg and N1:
- the type-approval for retrofitting purposes only, of filling unit partially dismountable by design
 - the installation, for retrofitting purposes only, in vehicles registered on their national territory of filling unit partially dismountable by design"

Insert a new paragraph 6.15.10.3.1., to read:

- "6.15.10.3.1. Specific provisions for filling unit made in 2 parts as described in paragraph 6.15.10.1.1.
- 6.15.10.3.1.1. The filling unit as defined in the paragraph 6.15.10.1.1. shall be split in a valve body and a connector body, joined on a way which allows the refuelling operation only if both parts of the filling unit are properly coupled.
- 6.15.10.3.1.2. The valve body shall be provided with at least 1 soft seated non-return valve.
- 6.15.10.3.1.3. Appropriate means shall be provided to avoid any disconnection of its parts during the refuelling operations."

Insert a new paragraph 6.15.10.6.1.1., to read:

- "6.15.10.6.1.1. Notwithstanding the provisions of the paragraph 6.15.10.6.1., the dead volume between the front sealing surface and the front of the non return valve of filling unit made of 2 parts according to the requirements of paragraph 6.15.10.3.1. shall not exceed 1.2 cm³."

Add a new paragraph 4.1.1., to read:

- "4.1.1. Every filling unit made of 2 parts, according to the requirements of the paragraph 6.15.10.1.1., submitted for approval shall bear on both of its parts the trade name or mark of the manufacturer and the type."

Add a new paragraph 4.2.1., to read:

"4.2.1. Moreover, in the case of valve body pf a filling unit made of two parts according to the requirements of paragraph 6.15.10.1.1., the conspicuity of the space referred to in paragraph 4.2. shall be assured when the valve body is installed in the vehicle and the connector body split out."

Annex 2A, add a second example:

" **E4** 67 R - 012439 CLASS 3 ¶ ¶

The above approval mark affixed to an LPG filling unit shows that this equipment has been approved in the Netherlands (E4) pursuant to Regulation No. 67 under approval number 012439. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No. 67 as amended by the 01 series of amendments.

The symbol ¶ ¶ shows that the component is a two parts filling unit approved in accordance with the requirements of paragraph 6.15.10.1.12. of the Regulation."

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JUSTIFICATION:

LPG Industry is intending to place on the market a new filling unit system with both objectives to improve the safety of refuelling operations far the end-consumer and reduce the emissions at connection/disconnection operations. Unfortunately the adaptation of the existing fleet to the future refuelling systems creates legal and economic problems in Italy. Therefore, it has been agreed to leave the possibility to use filling unit in 2 parts as the refuelling operations are performed by professionals and trained people.

Thus, this proposal re-introduces the provisions far filling unit in 2 parts as described in the initial AEGPL proposal TRANS/WP29/GRPE/2001/8.
