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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)  
(One-hundred-and-twenty-seventh session,  
25-28 June 2002, agenda item 4.2.16.)

PROPOSAL FOR DRAFT SUPPLEMENT 1 TO THE 01 SERIES OF  
AMENDMENTS TO REGULATION No. 96

(Emissions of agricultural and forestry tractors)

Transmitted by the Working Party on Pollution and Energy (GRPE)

Note: The text reproduced below was adopted by GRPE at its forty-third session, and is transmitted for consideration to WP.29 and AC.1. It is based on documents TRANS/WP.29/GRPE/2001/9 (para. 2.13. only), TRANS/WP.29/GRPE/2001/9/Add.1 and a document distributed during the session without a symbol (informal document No. 19), as amended (TRANS/WP.29/GRPE/43, paras. 37-39).

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<http://www.unece.org/trans/main/welcwp29.htm>

Insert new paragraph 2.13., to read:

"2.13. "Placing on the market" means the action of making available a product covered by this Regulation on the market of a country applying this Regulation, for payment or free of charge, with a view to distribution and/or use in the country;"

Paragraphs 2.13. to 2.13.3. (former), renumber as paragraphs 2.14. to 2.14.3.

Annex 1B,

Paragraph 1.7., amend to read:

"1.7. Fuel system:  
  
pump - line - injector  
rotary pump  
in-line pump  
single element  
unit injector"

Paragraph 1.9., insert missing paragraph number, to read:

"1.9. exhaust after-treatment  
  
oxidation catalyst  
reduction catalyst  
thermal reactor  
particulates trap"

Paragraph 3., should be deleted.

Insert new Annex 1B - Appendix A, to read:

"Annex 1B - Appendix A

ESSENTIAL CHARACTERISTICS OF THE ENGINE FAMILY

1. COMMON PARAMETERS 1/ .....
- 1.1. Combustion cycle: .....
- 1.2. Cooling medium: .....
- 1.3. Method of air aspiration: .....
- 1.4. Combustion chamber type/design: .....
- 1.5. Valve and porting 3/4 configuration, size and number: .....
- 1.6. Fuel system: .....
- 1.7. Engine management systems .....
- Proof of identity pursuant to drawing number(s): .....
- 1.7.1. charge cooling system: .....
- 1.7.2. exhaust gas recirculation 2/: .....
- 1.7.3. water injection/emulsion 2/: .....
- 1.7.4. air injection 2/: .....
- 1.8. Exhaust after-treatment system 2/: .....
- Proof of identical (or lowest for the parent engine) ratio: system capacity/fuel delivery per stroke, pursuant to diagram number(s): ...
2. ENGINE FAMILY LISTING .....
- 2.1. Engine family name: .....

2.2. Specification of engines within this family:

Engine Type	No. of cylinders	Rated Speed	Rated Net Power (kW)	Maximum Torque Speed	Maximum Torque	Low Idle Speed
PARENT ENGINE (FOR FULL DETAILS SEE ANNEX 1A)						

2.3. In addition, for each engine type within the family, the information required in Annex 1B - Appendix B shall be submitted to the approval authority.

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- 1/ Strike out what does not apply.
  - 2/ Specify the tolerance."

Annex 1B - Appendix, amend the title to read:  
"Annex 1B - Appendix B"

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