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ECONOMIC COMMISSION FOR EUROPE

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World Forum for Harmonization of Vehicle Regulations (WP.29)

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

(Off-road engines)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its twenty-first session, following the recommendation by WP.29 at its one-hundred-and-twenty-seventh session. It is based on document TRANS/WP.29/2002/38, as amended (TRANS/WP.29/861, para. 157).

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.

Paragraph 5.2.3., should be deleted.

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.

1/ Strike out what does not apply.

2/ Specify the tolerance."

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

"Annex 1B - Appendix B"