

**CLEPA comments on ECE/TRANS/WP29/GRPE/2006/8
WWH-OBD, Module C**

A. PROPOSAL

- **Paragraph 8 - Documentation requirements**

Add new sub-paragraph 8.3. to read:

“8.3. Access to OBD-related information.

In accordance with the provisions of paragraph 8 of Module B, the following additional information must be provided by the vehicle manufacturer for the purposes of enabling the manufacture of OBD-compatible replacement or service parts and diagnostic tools and test equipment, unless such information is covered by intellectual property rights or constitutes specific know-how of the manufacturer or the OEM supplier(s):

- 8.3.1. A description of the type and number of the pre-conditioning cycles used for the original certification of the vehicle.
- 8.3.2. A description of the type of the OBD demonstration cycle used for the original certification of the vehicle for the component monitored by the OBD system.
- 8.3.3. A comprehensive document describing all sensed components with the strategy for fault detection and MI activation (fixed number of driving cycles or statistical method), including a list of relevant secondary sensed parameters for each component monitored by the OBD system. A list of all OBD output codes and format used (with an explanation of each) associated with individual emission related powertrain components and individual non-emission related components, where monitoring of the component is used to determine MI activation.

The information required by this paragraph may, for example, be defined by completing a table as follows, which shall be attached to this information:

Component	Fault code	Monitoring strategy	Fault detection criteria	MI activation criteria	Secondary parameters	Preconditioning	Demonstration test
SCR catalyst	Pxxxx	NOx sensor and signals 1 2	Difference between sensor 1 and sensor 2 signals	3rdcycle	Engine speed, engine load, catalyst temperature, reagent activity	Three OBD test cycles (3 short ESC cycles)	OBD test cycle (short ESC cycle)

The complete information package should be made available to the certification authority as part of the additional material requested by this paragraph 8.”

- **Annex 4 - Appendix 2: Information concerning the conformity of the OBD system**

1. Documentation package

Add a box:

OBD related information to ensure manufacture of OBD compatible replacement or service parts, diagnostic tools and test equipment (see paragraph 8.3.)	YES/NO
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B. JUSTIFICATION

CLEPA's proposal is to make sure that the development of OBD compatible replacement components, which are critical to the correct functioning of an OBD system, is not restricted due to the unavailability of pertinent OBD-related information.

The proposal complements the proposal for paragraphs 4.4.1. and 4.7. of generic module B. It is based on EU Directive 2005/78/EC.
