

Simplification of Approval Markings Through the Implementation of the “DETA” Database

Initial ideas for:

- The proposed approach
- Information to be included in the Database
- Changes required to the Regulations
- Proposal for wording in the ‘58 agreement

Note: This document is submitted to GRE for information only. GTB will debate the approach at its 114th session in Seattle, USA (29 October – 01 November 2012) with the objective of providing some information for the WP29 Informal Group “DETA” on 12 November 2012.

➤ The proposed approach

Remove all type approval markings from the devices and require only a “Unique Identifier” that can be used to enter the database where all information currently provided by the markings will be presented in a simplified format for easier reference.

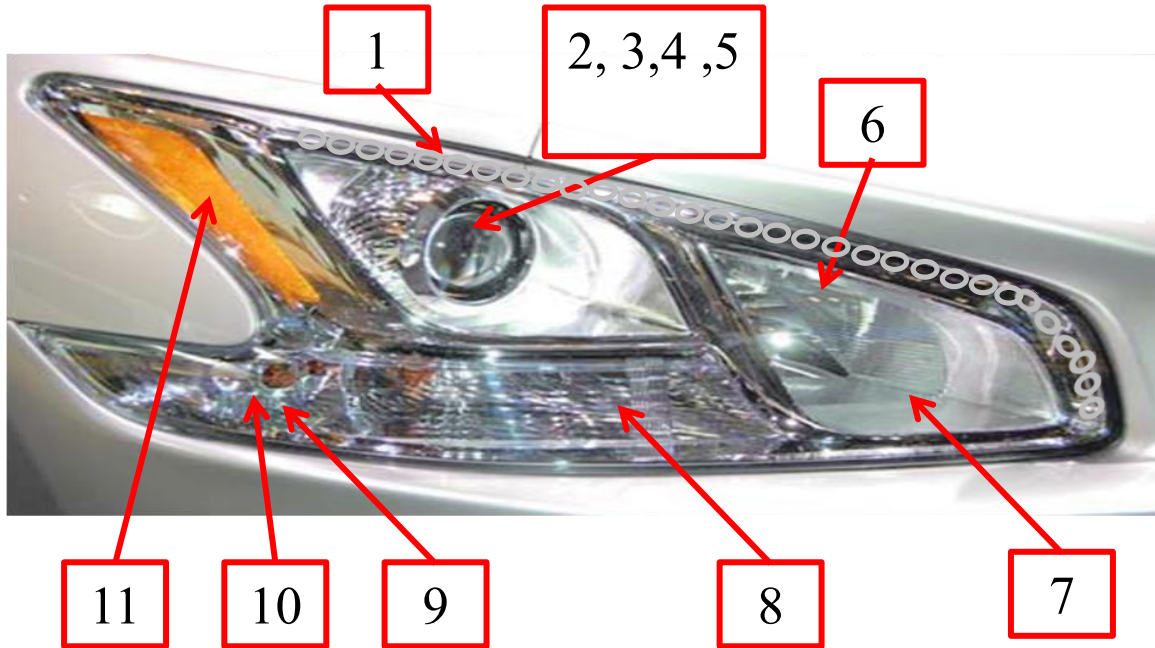


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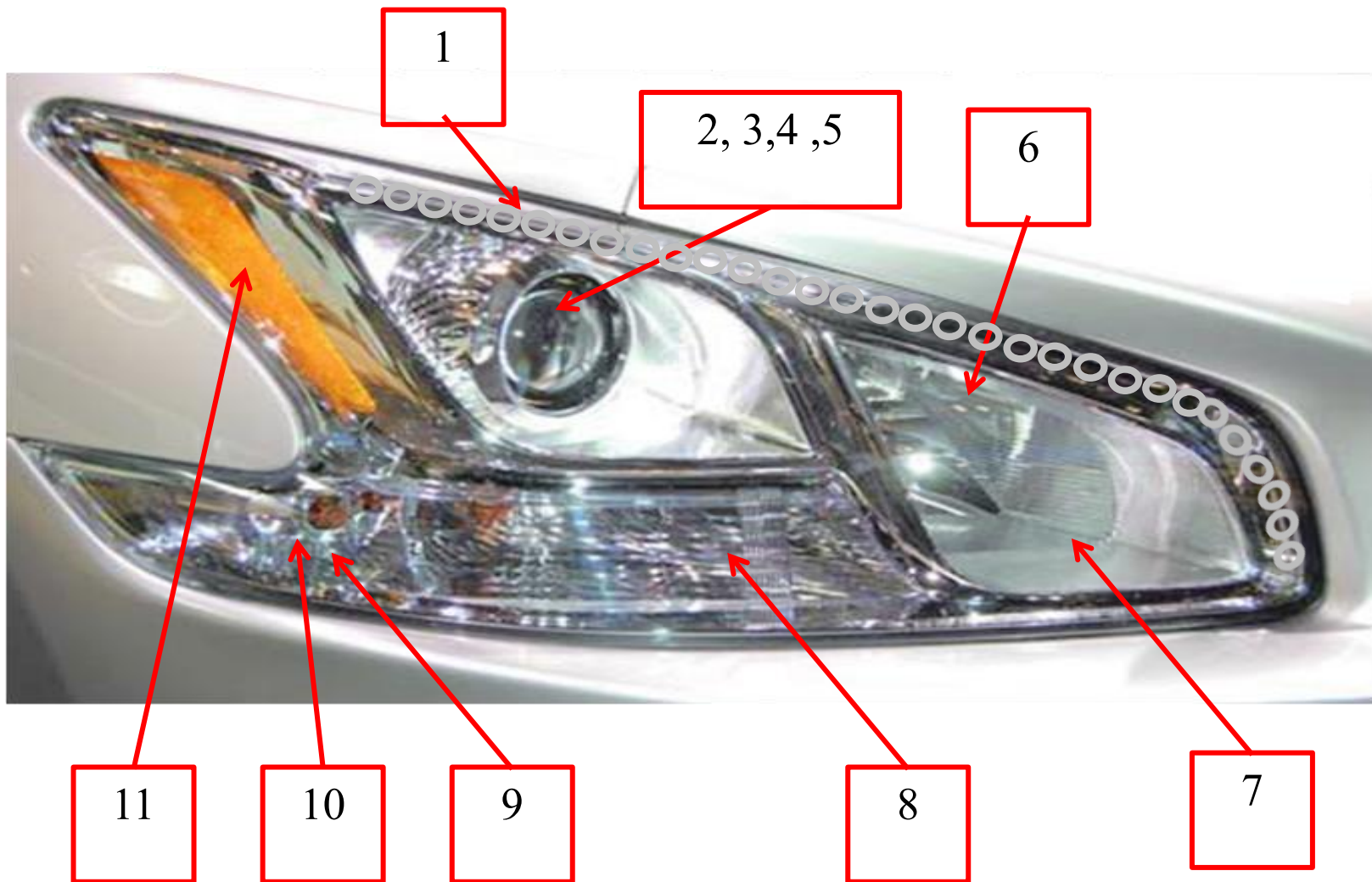
An example of a possible “unique identifier”

➤ Information to be included in the Database

An annotated photograph will be provided to clearly indicate all the approved functions. The annotations will then refer to a chart giving all the information currently specified in the individual Regulations



	Function	UN Reg. No.	Series	Class	Lens Material	Light Source	Indication of Max Intensity - Main Beam	LED Module Code	Special Marking
1	Daytime Running Light	87	O1	RL		LED		XYZ00N	
2	AFS	123	OO	XC	PL	D5S			
3	AFS	123	OO	XE	PL	D5S			
4	AFS	123	OO	XV	PL	D5S			
5	AFS	123	OO	XCT	PL	D5S			
6	Driving Beam	98	O1	DR	PL	D5S	40		
7	Position Lamp	7	O2	A		W5W			
8	Direction Indicator	6	OO	1A		P21			
9	Front Foglamp	19	O1	F3	PL	H7			
10	Cornering Lamp	119	OO	K		H7			
11	Front Side Marker	91	OO	SM1		W5W			↑



Note: A drawing instead of a photograph could be considered but a photograph may offer advantages for the enforcement authorities.

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Note: This is only a fictitious example to demonstrate the principle. It will be a rare case where so many functions are incorporated into one device .

➤ Changes required to the Regulations

Remove all references to the markings (substitute these with the “unique identifier”).

This will affect:

- section 2 Application for approval of a headlamp (**Add the requirement for the annotated photograph and the summary table**)
- section 3 Markings (remove the current requirement for the Circle with E and **substitute the unique identifier**). Decide how to manage other requirements such as the arrow indicating passing beam for Left or right traffic, etc.
- section 4 Composition of the approval mark (Major changes required)
- annex 1 Communication Form (Need a replacement for the list of markings indicating which approvals are applied for.)
- annex 2 Examples of arrangements of approval marks (This can probably be completely deleted)

- Proposal for wording in the revision of the '58 agreement (IWVTA)

To be developed