

Type-Approval Procedure

Information System of the German Type-Approval Authority

Not examined English translation!
Valid is only the German-language original!

Directive 71/320/EEC;
- EU type approvals (systems) for brakes with complex electronic systems

Question or problem:

ECE Regulations 13 and 13H contain rules for testing complex electronic systems. Among other, this includes EBS brake systems and brake systems with ESP or distance cruise controls. Contrary to the ECE Regulations 13 and 13H Directive 71/320/EEC does not contain any explicit information on the approval of such brake systems.

Within the framework of the European Type Approval Authorities Meeting (TAAM) on 16/17 December 2002 in Brussels a majority resolution was passed that such brake systems can only be approved under the ECE Regulations 13 and 13H as Directive 71/320/EEC does not contain any specific information. On the occasion of the TAAM on 09/10 July 2003 in Flensburg the Brussels protocol of the TAAM was approved with no change to the contents.

This will result in a change procedure for giving type approvals under Directive 71/320/EEC for the respective brake systems.

Solution

According to international law, in case of complex electronic systems only approvals under ECE Regulations 13 und 13H will be possible for first-time approval of brake systems. Later amendments to existing approvals under Directive 71/320/EEC will no longer take place if complex electronic systems are to be supplemented or changed through the amendment.

Already existing approvals under Directive 71/320/EEC can be supplemented by an amendment insofar as the complex electronic systems have already been approved via a test report following Attachment 18 of the ECE Regulation 13 or 13H, Attachment 8 or via a confirmation by an expert regarding compliance with these requirements and insofar as no new or changed complex electronic systems are added.

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Existing approvals under Directive 71/320/EEC, which are not subject to any changes, remain valid. Such approvals under Directive 71/320/EEC retain their validity even if no evidence was provided or had to be provided in the past about the complex electronic systems following Attachment 18 of ECE Regulation 13 or 13H, Attachment 8, and if there only was a determination outside the approval that the complex electronic system (e.g. ESP) did not influence the specified properties of the brake system.

This regulation is supposed to be in effect as of 01 November 2003.

Flensburg, on 24 September 2003
412-621
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