

2005 CITA CONFERENCE

'Global Perspective on Roadworthiness Enforcement'

WORKSHOP #3 - CONCLUSIONS

Title : Electronic Systems

24 – 27 May 2005
CHICAGO, Illinois, USA

Workshop topics

- Integration of electronic systems during the periodical technical inspection by communication via the 16 pin CARB interface
- Q & A session on the experiences of the inspection of electronic systems with experts of Europe and the USA
- Perspective of future activities

PAPERS PRESENTED

- Presentation of the project IDELSY
Frank Leimbach TÜV NORD
- Target, procedures and first results
at the project IDELSY
Hans-Jürgen Mäurer DEKRA
- AVL, capabilities of scantool based
test procedures
Paul Matt AVL
- Experiences of the US market
Charlie Gorman ETI

PARTICIPATION

AVL,	Austria	Paul Matt
DEKRA,	Germany	Hans-Jürgen Mäurer
ETI,	USA	Charlie Gorman
TÜV NORD,	Germany	Frank Leimbach

Comments on IDELSY

- Scope of IDELSY project:
 - airbags
 - ABS / ESP
 - ECU / chiptuning

CONCLUSIONS

- OBD inspections can be used throughout the useful life of the vehicle
- Periodic Technical Inspections using OBD makes sense on safety related components as well
- number of feasible scan tools, covering makes and models is increasing
- standards shall minimize the variety of software design caused by different makes
- harmonization of software will be accelerated medium-term by car-manufacturers and their suppliers

CONCLUSIONS

- CAN standard will be mandatory soon in the USA as well as in Europe
- Block exemption directive in Europe will force car-manufacturers to release repair information to all interested parties
- state-of-the-art notebooks including internet access will enable the inspection engineers to keep updated in the field
- PTI of electronic systems of vehicles shall be mandatory in future
- Safety related systems have to be covered as well as emission related systems

CONCLUSIONS

- CITA has the task to develop appropriate procedures via the IDELSY project in Europe
- The automotive industry should be involved and assist to establish appropriate test procedures
- Database systems are necessary to be provided, taking care of the variety of car makes and models
- EU should be supportive by taking the role of a chairperson between the Automotive industry and the Vehicle inspection organisations

THANK YOU

CITA

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