The opinions expressed in the studies are those of the consultant and do not necessarily represent the position of the Commission.

CITA 1

CITA research study programme on electronically controlled systems on vehicles

Project details	
Domain	Vehicle Technology: Periodic Technical Inspection
Duration	from until
Website	
Other sources	Final Report (384 kB) Study 1(a): The reliability of electronically controlled systems on vehicles (284 kB) Study 1(b): The reliability of ABS and airbag systems with respect to periodic testing: a cost benefit analysis (79 kB) Study 2: A test procedure for airbags (10,2 MB) Study 3: Testing of existing AntiLock Braking systems (ABS) (1,31 MB) Study 4: A test procedure for vehicle dynamic controllers (5,27 MB)

Electronically controlled systems will increasingly be the decisive determining factor in the safety and environmental performance of vehicles. But currently inspection of these systems is, for all practical purposes, not part of mandatory periodical technical inspection of vehicles. In 1997 CITA set up a specific working group, called Working Group VII: Testing of electronically controlled systems, to consider this issue. This group examined available reliability data and failure rates of electronically controlled systems and possible test procedures that had already been proposed.

Coordinator
• CITA - International Motor Vehicle Inspection Committee (BE)

Partners

- DEKRA - Safety in Knowledge (DE)
- EGEA - European Garage Equipment Association (BE)
- ika-RWTH - Institut für Kraftfahrwesen Aachen (DE)
- Bilprovningen - The Swedish Vehicle Inspection Company (SE)
- TRL - Transport Research Laboratory (UK)
- TRW Automotive (DE)
- TÜV Nord (DE)
- TÜV Rheinland (DE)
- VdTüv - Verband der Technischen Überwachungs-Vereine e.V. (DE)
- The Vehicle Inspectorate (executive agency of the Department for Transport) (UK)