Proposal for IGPG: Wiper tests – On-road tests (Subgroup 1)

Status: Tests of plastic glazing in cars

**BMW 3er windshield**
removed from car/test stand: investigation of deterioration in progress
- safeguarding test car: approx. 2 month on road (05+06/12)
- wiper test in lab: 1,5 Mio cycles dry/wet and without dirt; last 500 cycles with sand

**VW Golf 6 windshield**
- test car (development pool-car): approx. 3 month on road (02-05/12), 52000 wiper cycles removed from car: investigation of deterioration in progress
- test car (development pool-car): start testing in 02/13

**Porsche Cayman backlight (with wiper system)**
- test car (development pool-car): on road since 05/12 (still ongoing)

Evaluation of an additional approval method

**StrayLizer from Fa. Schwahn Systems**
- start testing of glass- and plastic windshields in 02/13
- advantage: measurements of wiper area is possible
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Activities for on-road tests: Timeline

- Decision to start the activities: 10/12
- Preparation of test cars; start on-road tests at OEMs: 02/13
- First results of subgroup 1 and subgroup 2: 06/13
- Analysis of the sample parts: 12/13
- Correlation of results to wiper lab tests: 02/14
- Proposal to UNECE, GRSG, IGPG: 04/14

- Definition of sample parts and test cars, Input also from subgroup 2
- Test of plastic windscreens in cars
- Tests and investigation of glass windscreens for comparison with plastic glazing
- Defintion of test conditions, test methods and approvals, Input also from subgroup 2
- Analysis of sample parts with defined test methods
- Correlation with wiper lab tests
- Summary of the results

Dr. A. Matthai, I/EK-P3; 21.08.2012