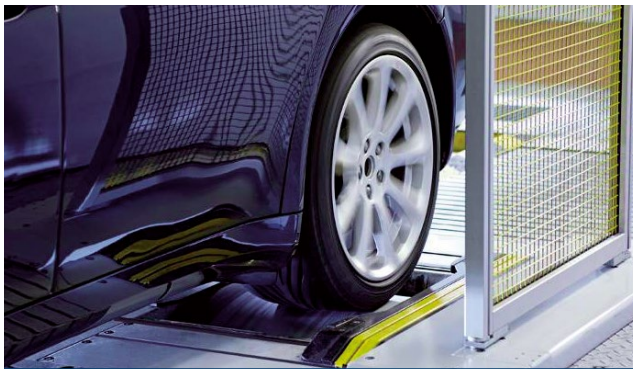


Bosch Engineering Homologation – Vehicle Certification



BOSCH

Invented for life



OBD Certification in accordance with:

- ▶ California ARB §1968.2 and §1971.1
 - Monitoring System Demonstration Tests
 - Production Vehicle Evaluation (PVE)
 - OBD conformance test according to SAE J1699
- ▶ EPA Title 40 CFR §86
- ▶ Europe Euro 5/Euro 6
- ▶ UNECE R83 and R49
- ▶ China GB18352
- ▶ Australia ADR 79
- ▶ Japan J-OBDDII

Emission Certification in accordance with:

- ▶ California ARB – LEVII and LEVIII
- ▶ EPA – Tier2 and Tier3
- ▶ Europe – Euro 5/Euro 6
- ▶ UNECE R83 and R49
- ▶ China GB18352
- ▶ Australia ADR 79
- ▶ Japan

Fuel Consumption Certification in accordance with:

- ▶ Europe 80/1268/EWG
- ▶ UNECE R101
- ▶ Australia ADR 81

Whole Vehicle Certification for European market:

- ▶ Vehicle Type Approval according to Directive 2007/46/EG

Know-how for successful Homologation

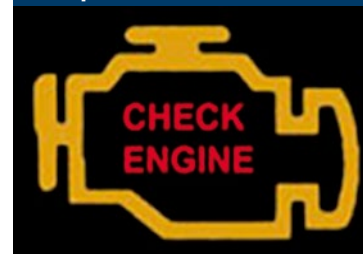
Fulfilling the legal requirements for the certification of a motor vehicle makes great demands on vehicle manufacturers. In this complex task we support you with competent services in the field of vehicle certification.

Experienced engineers will carry out the certification measurements which are required for your various target markets and countries at our state of the art high performance test center in Abstatt. These measurements will be documented in accordance with your specification and the requirement of the government authorities concerned. In this regard we cooperate with various official bodies (e.g. TÜV-SÜD).

Additionally for OBD relevant control modules based on Bosch software we are able to prepare all required documents for certification like flow charts and summary tables for world wide authorities.

The extent of our service ranges from carrying out simple measurements right up to the complete organization of the tests including the preparation of an official test report from a technical service agency.

Cooperation with TÜV-SÜD



Automotive

TÜV-SÜD Automotive, an innovative service provider and neutral partner of the automotive industry is one of our partners.

Consulting regarding Homologation

We provide you with advice in all homologation matters taking you right to successfully implemented certification.

If requested we will also be your competent partner in discussions with the responsible authorities and technical services in order to prepare your certification.

We support you in preparing the vehicle and the necessary components, thus guaranteeing that the homologation process is carried out smoothly.



At our state of the art test center we provide equipment and services for all complex measurements required for the development of vehicle systems. Our services range from test conception via professional vehicle preparation, carrying out tests at chassis dynamometer or engine test benches right up to the evaluation of the test results.

TÜV SÜD Auto Service GmbH Weesendstrasse 199 D-80886 München		 Auto Service
Auftraggeber:	Bosch Engineering GmbH	
Art:	Abgaslaborbegutachtung	
Confirmation		
TÜV SÜD Automotive GmbH certifies that the Exhaust Emission Testcenter of the		
Bosch Engineering GmbH Robert-Bosch-Allee 1 74232 Abstatt		
is suitable to execute measurements according to following regulations ¹⁾ :		
a) exhaust emission Reg. (EG) Nr. 715/2007 including all amendments up to Reg.(EU) No. 136/2014 (test type I to III and test type VI), ECE-R 83.06		
b) fuel consumption Reg. (EG) Nr. 715/2007 including all amendments up to Reg.(EU) No. 136/2014, ECE-R 101.01		
Munich, October 16 th 2014		 Dipl.-Ing.(FH) Andreas Schäffler
<small>¹⁾ Tests and measurements within the scope of official type approvals and certification tests are only permitted under the witnessing of the authorized inspector of an accredited Technical Service.</small>		

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