

## OUR CUSTOMERS – OUR REFERENCES

Audi, Bentley, BMW, Bugatti, Husaberg, IVECO, KTM, Lamborghini, MAN, Mercedes, Mini, Rolls-Royce, Seat, Skoda, Smart, VW



### BMW IMIB R2

The perfect symbiosis of the complete AVL DiTEST vehicle and measurement know-how with comprehensive measurement software and a workshop-compatible design. Developed in no time and integrated completely into the BMW workshop system.



### DAIMLER HMS 990

Since 1997, more than 14,000 HMS 990 measurement systems have been delivered. The 12 channel oscilloscope with multimeter function, engine test, and sensor input, is an ideal extension for the diagnostics options of "Star Diagnose compact". Further important test functions allow for an optimization of the diagnostics regarding the electronic vehicle systems and components. Protection of investment is provided on the basis of a perfect device service and a lifetime guarantee.

### KTM DIAGNOSIS

Europe's second-largest motorcycle manufacturer, KTM SPORTMOTORCYCLE AG, relies on the customized vehicle diagnostics platforms. The modular diagnostics and test system is used in all 1,500 authorized workshops of the corporate brands and disposes of a comprehensive data basis, amongst others, containing control unit information, component, repair, maintenance, and service functions, as well as wiring diagrams.



### IVECO EASY MULTIBRAND

The proprietary diagnostics tester of IVECO was simply extended with the truck and trailer multi-brand diagnosis. The IVECO workshops can now provide an ideal service for fleets of transport companies with different brands and utilize their workshops better by implementing service and diagnostics activities on non-IVECO vehicles on a high technical level.



### VAG VAS6558, VAS6356, VAS5143A

Specific solutions for different diagnostics systems were developed for the Volkswagen corporation. The latest generation comprises the Highvoltage measurement tool VAS6558, the measurement module VAS6356, and the measurement tool calibrator VAS5143A, used in the authorized workshops all over the world. The new measurement module and the new Highvoltage tool are completely integrated into the modular VW vehicle diagnostics concept and allow for significant increases of the efficiency within the workshops, as well as uniformly high repair quality.



#### Published by:

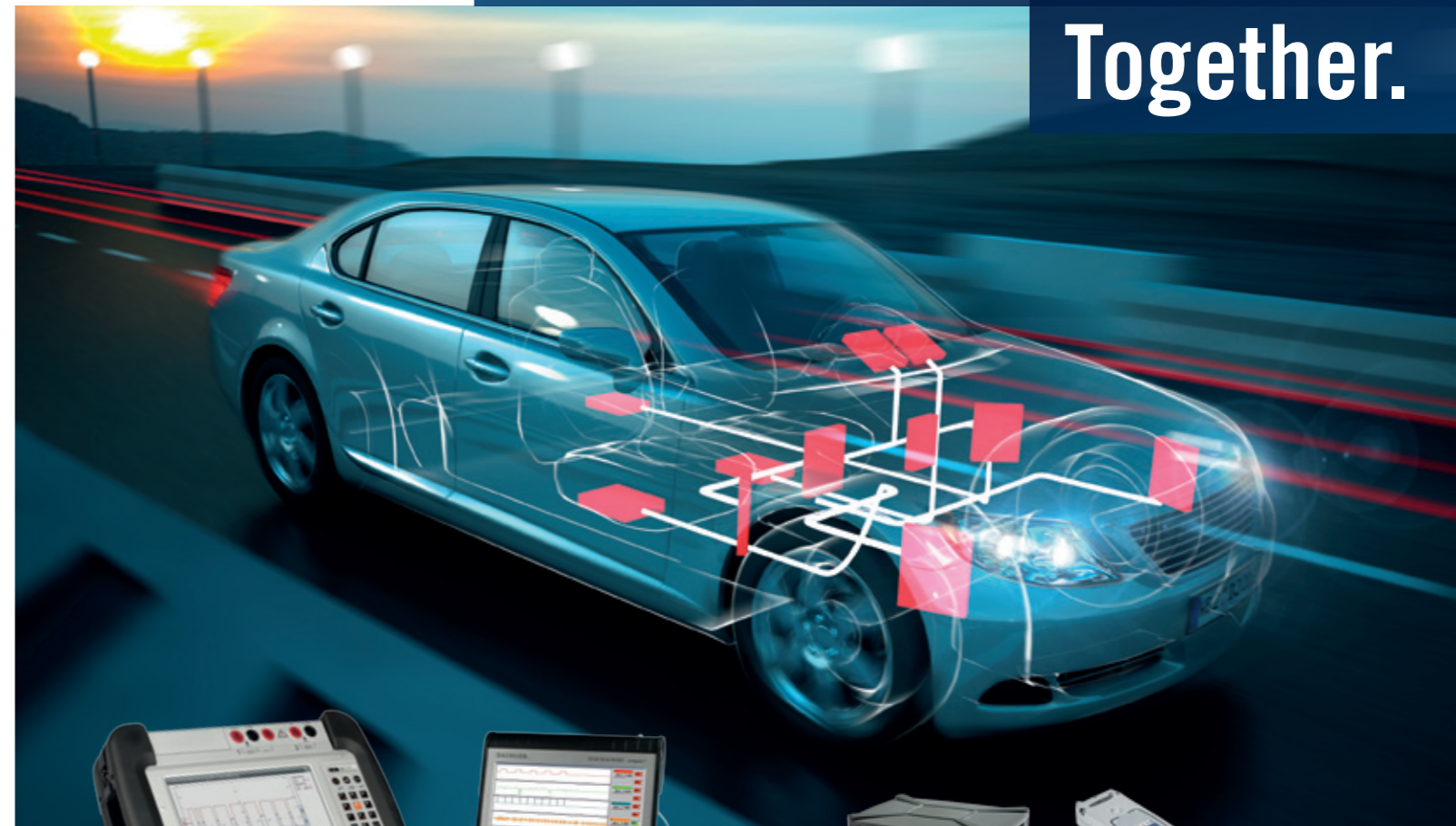
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PA7412E  
08/2012. Subject to change without notice

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# Reaching goals quicker. Together.



AVL DITEST  
THE OEM DIAGNOSTIC  
PARTNER

FUTURE SOLUTIONS FOR TODAY





WORKSHOP



PRODUCTION



END-OF-LINE TEST

# Vehicle diagnostics in a breath.

## AVL DITEST OEM SYSTEMS – FLEXIBLE AND EFFICIENT DIAGNOSTICS

The AVL Group is the world's largest privately owned company of its industry. Vehicles and engines are supported from the first idea in research and development until the end of the lifecycle. Our success can only be measured regarding the success of our customers. True interest in and understanding of the customer and his needs, paired with experience and a global perspective allow us to create innovative solutions. AVL DiTEST offers hardware and software solutions in the field of automobile measurement systems and diagnostics technology for vehicle manufacturers and their service network. Our solutions are used in the fields of production, end-of-line tests, and in workshops. Our holistic approach – development, production and worldwide service – this is what our customers benefit from. Together with our customers we have turned into the market and technology leader in the field of automotive diagnostic systems.

## FROM THE BEST FOR THE BEST

As a partner of all renowned vehicle manufacturers, AVL DiTEST has established as one of the world's leading providers of vehicle inspection technology. We offer solutions in the fields of ECU diagnostics, automotive measurement system, and exhaust gas measurement.

### HV SAFETY 1000

AVL DiTEST takes care for the safety in the vehicle workshop and vehicle production. The 3 IN 1 high-voltage tool for hybrid and electrically driven vehicles is a high-voltage measurement device adapted specifically to automotive applications and the extreme requirements regarding safety, operation, and flexibility.

- Measure the de-energized condition
- Active insulation measurement
- Guided measurement procedure via PC software
- Documentation of the measurement procedures within the measurement protocol
- Maintenance-free and durable



### MEASUREMENT SYSTEM

AVL DiTEST is the leading supplier for automotive measurement systems. Standard products for everyday workshop life or customized expert measurement systems are based on a modular platform building upon more than 20 years of know-how in the field of automotive measurement system.

- Electrically and mechanically robust design
- Simple and reliable use
- Workshop-compliant and intuitive software
- Cost optimization and short project times
- Flexible service concepts
- Tested a thousand times



### (M)VCI

AVL DiTEST disposes of long-term experiences regarding OEM and multi-brand diagnostics. The innovative diagnostics software and the approved Vehicle Communication Interface (VCI) – a powerful and flexible platform for today's and future vehicle diagnostics in development, production, and workshop – are a central part.

- Electrically and mechanically robust design
- Comprises all standard and manufacturer-specific vehicle diagnostics interfaces and protocols
- Diagnosis, Flashing, Coding, Passthru, EURO5 compliant
- Bluetooth and WLAN communications
- Flexibly adaptable to specific requirements



### SOFTWARE SOLUTIONS

AVL DiTEST offers integrated or customized software solutions for exhaust gas, measurement systems, ECU, control unit diagnostics, production, information systems, and guided troubleshooting. The modular software design is based on the latest software technologies. Flexible interfaces allow for quick adaptations and integration into defined software environments.

- Scalable software modules
- Flexible GUI design
- Standard interfaces for integration into/ of third party applications
- Rapid prototyping



### AVL DITEST PROVIDES YOU WITH:

- Customer-specific adaptation development on modular AVL DiTEST system
- Innovative product solutions
- AVL Group – technical know-how from more than 50 years of automotive passion
- Cost-optimized overall solutions
- The core of our company's philosophy is the claim to technology and quality leadership, perfect service, as well as worldwide presence.

	Production	End-of-line	Workshop
HV Safety 1000	x	x	x
Measurement Systems			x
VCI	x	x	x
Software Solutions	x	x	x



AVL DiTEST is a one-stop shop for development,



production,



and service.