



**AAIA**<sup>®</sup>

**TecDoc**  
CERTIFIED DATA SUPPLIER



**HÜCO Automotive**  
High-quality automotive spare parts  
**Made in Germany**

[www.hueco.com](http://www.hueco.com)



## About HÜCO Automotive GmbH

HÜCO's main objective since the early 80s has been the development of OE quality products at aftermarket prices. With two plants in Germany and one 100% subsidiary in India, the group has enjoyed much success in both the aftermarket, as well as the OE business.

Development according to OE specifications including on-road testing, choice of automotive grade (selected) components and manufacture on state of the art equipment with well trained staff and a clean business policy have safeguarded the HÜCO success for more than 30 years. All plants are certified according to TS 16949:2009 – the OE quality norm in the industry. Quality that is supported by a unique **5 Year warranty**- unmatched in the aftermarket. Quality that has opened doors with many of the world wide leading OEs.

This flyer is supposed to point out what is so different about HÜCO and our products. Why should HÜCO also be your choice!?

## Our equipment

In some occasions, hand work cannot be avoided. But it should not be used when high grade electronics are to be assembled. HÜCO's production uses sophisticated "Pick & Place" robots to absolutely make sure, fragile components are being handled carefully, and irreversibly put where they belong on the circuit. Where applicable, several in-line testing takes place and every product has to pass a 100% end-of-line test prior to dispatch to our customers.

### **Pick & Place machine**



### **Hot flow oven**



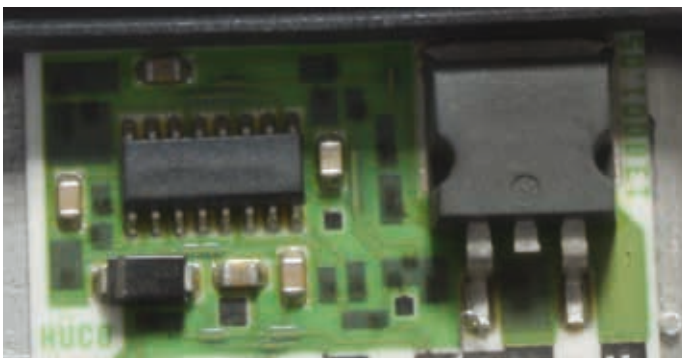
**A NEW STANDARD IN THE  
AUTOMOTIVE AFTERMARKET  
– HÜCO'S 5 YEARS WARRANTY**



**Our products**

Unlike some other products in the market, our products don't only look like OE from the outside, but also from the inside. More important even, they also work and perform like OE. We guarantee that for at least 5 years.

*HÜCO ignition modules*



*Some other ignition modules*



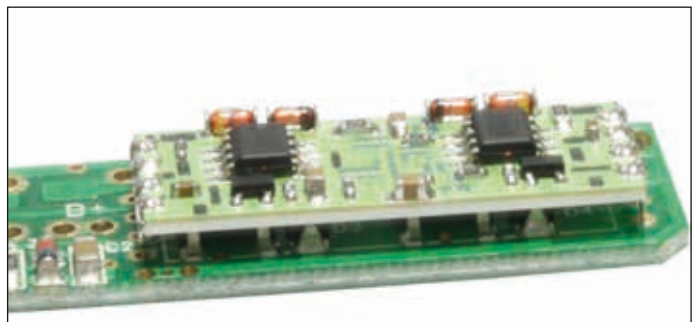
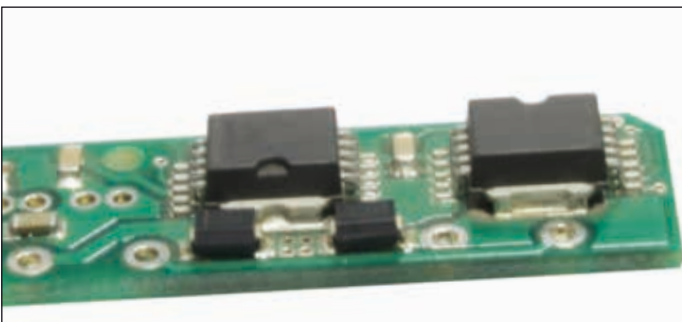
**IT'S WHAT'S INSIDE THAT COUNTS!**

These pictures clearly illustrate the difference between HÜCO quality and what is typical of other products in the market.

Obvious characteristics where HÜCO products outperform other brands:

- our printed circuit has a clear cut circuit layout utilizing hybrid technology
- all components are select automotive O.E. grade
- our assembly utilizes sophisticated "Pick & Place" robotics
  - o VS hand soldering
- calibration to O.E. tolerances is achieved via laser trimming technology as a final QC check
  - o VS either no calibration or use of hand-potentiometer adjustment

Failure to accurately calibrate the ignition module to OE specification will affect starting and general performance VS OE, and will lead to misfires, malfunctions, reduced fuel economy, and increased exhaust emissions, ultimately reducing the service life of other engine components and accessories.



Over and above the before mentioned facts: use of the original integrated circuit (IC). Same circuit as OE = same performance. The right picture shows the trial to make a product that performs similar to the OE products – by using non-OE components and a double layer circuit which is not the best solution due to its vulnerability in an environment subject to heavy vibrations.



*Our highly qualified employees work throughout the world to analyse local market trends and to fulfill your wishes.*

*You require special products that are nowhere to be found? Contact HÜCO!*

**HÜCO air flow meters**



**Some other air flow meters**



These pictures show the inside of our air flow meters, compared to another product from the market. From the outside, they look alike. What matters is the completely different internal quality aspects: our product clearly outperforms on at least following criteria: special hot film sensor like OE, tailored electronics to the individual application (not "one fits all"), special resin, selected automotive grade components, assembly on Pick & Place robots (versus handsoldering)...leading to the same fuel efficiency, exhaust quality compliance and performance/torque of the car as the original product.

***For all of the above, we can provide more facts and data upon request. We hope this has given you an overview of the "inner values" of electronics, which to some people in the market are just "black boxes".***

***Thanks for your trust and business!***

## Our product range

### Engine management

- Ignition modules
- Ignition coils
- Ignition cables
- Fuel pump relays
- Glow plug relays
- Air flow meters
- Throttle position sensors
- Wheel speed (ABS) sensors

### Automotive electronic

- Electronic fuel pumps
- Alternator spare parts
- Voltage converters
- Special plug connections
- Brake wear sensors



**HÜCO Automotive GmbH**

Eugen-Gerstenmaier-Str. 8

32339 Espelkamp - Germany

Phone: +49 (0) 5772 567 890

Fax: +49 (0) 5772 567 985

E-mail: [info@hueco.com](mailto:info@hueco.com)