



## “BASIC” TRAINING EXPERT’S REPORTS BICYCLE

» How to reliably detect and properly assess a claim

**GDfS** Gesellschaft der  
Fahrrad-Sachverständigen

**zedler-Group**  
Technology and Passion for Bicycles





## BICYCLE EXPERTS – NEEDED MORE THAN EVER

Bicycles are establishing themselves more and more and with power as means of transport. It is for the sake of the environment, hobby reasons or because of congested roads that more and more people are using bicycles, not only for private, but also for business purposes.

In recent years, the possibilities of bicycle leasing and mainly also the pandemic have led once again to drastically increased sales figures. The average price of a bicycle has increased many times in the past years.





## SPECIFIC FEATURES OF THE BICYCLE MARKET

Annual model changes, individually assembled or even completely customized bicycles and constant technical innovations surpassing the predecessor solutions create considerable and also highly volatile market influences. With these enormous dynamics experts are facing major challenges with every other expert's report.

## THE TOOLSET

The "Basic" training provides the necessary toolset and basic knowledge for an initial loss assessment of bicycles and e-bikes. Depending on the target group and form, this module includes theory and practice. After this basic training, participants will be able, for example, to determine replacement values of bicycles in line with the market, to check cost estimates for plausibility (e.g. scope, prices) and to evaluate information about the bicycle (e.g. model year, purchase price).





# THE TARGET GROUPS AND FORMS OF THE "BASIC" TRAINING

We offer the "Basic" training in three different forms.

The contents / focuses and time spent on theory and practice differ according to the respective target group.

## For motor vehicle experts or field representatives of insurers

You already have general knowledge in preparing expert's reports and would like to gain more expertise on bicycles?

Then this is the right course for you!

In this training course it is especially the manifold change between theory and practice that provides a clear gain of knowledge.

- » Precondition: The "Basic" training is primarily aimed at motor vehicle experts or experts acting in a comparable technical field. General practical experience in preparing expert's reports is necessary.
- » This training course is held as a two-day face-to-face event at our headquarters in Ludwigsburg (greater Stuttgart area).
- » Duration of the training all in all 13.5 hours.

## For participants of the cycle industry

You are for example specialist dealer, the employee of a bicycle or parts manufacturer or already working in the industry in another position. You would like to prepare expert's reports on bicycles?

Then this is the right course for you!

In the main, you will learn the general basics of preparing expert's reports, such as fundamental terminology.

- » Precondition: Practical experience in the workshop/selling.
- » This training course is held as a two-day face-to-face event at our headquarters in Ludwigsburg (greater Stuttgart area).
- » Duration of the training all in all 13.5 hours.





## For employees of insurers

**You are more and more involved in the settlement of bicycle losses?**

**You want to minimize existing uncertainties in checking expert's reports and cost estimates?**  
Then this is the right course for you!

You will get a basic overview of the "bicycle related topics".

In addition, we will sensitise you in particular with regard to the examination of new bicycle invoices and repair costs including labour values (keyword "plausibility" of components and prices).

- » Precondition: Experience in settling claims with insurers.
- » This one-day training course is offered by us either at our headquarters in Ludwigsburg (greater Stuttgart area) or directly at your premises.
- » Duration of the training all in all up to 7.0 hours (varied according to the desired scope etc.).

Of course, field representatives charged with the settlement of claims are also invited to attend the even more intensive two-day face-to-face event with a significantly bigger practical part at our company headquarters in Ludwigsburg (greater Stuttgart area).





## EXTRACT OF THE "BASIC" TRAINING TOPICS

- » bicycle technology & history
  - » market development
  - » specific features of the bicycle market
  - » the "e" on the bicycle
  - » technology and prices
  - » exemplary calculation of original price
  - » dubious invoices
  - » test rides  
(only in the case of face-to-face events)
  - » tests in the workshop / laboratory  
(only in the case of face-to-face events)
  - » calculating repair and restoration costs
  - » replacement value
  - » residual value
  - » tour of the test laboratories – more than 80 testing systems on the sport  
(only in the case of face-to-face events)
  - » demonstrations (e.g. crash test, determination of stiffness  
(only in the case of face-to-face events))
- and much more.



## YOU WANT MORE? EXTRACT OF THE "ADVANCED" TRAINING TOPICS



### E-bike technology

- » possibilities of testing
- » repair options
- » frequently occurring defects



### Carbon in detail

- » structure of carbon components
- » handling / mounting carbon components
- » possibilities of testing
- » repair of carbon components
- » frequent causes of loss
- » distinction between old / previous damage and wear of more recent damage ("accident damage")
- » live demonstration carbon test (only in the case of face-to-face events)
- » live demonstration carbon crash test (only in the case of face-to-face events)

**In case you are interested in our training, do not hesitate to contact us  
by e-mail: [info@gdfs.bike](mailto:info@gdfs.bike)**





## GDFS – GESELLSCHAFT DER FAHRRAD-SACHVERSTÄNDIGEN MBH

- » speakers have altogether more than 50 years of experience as pure bicycle and e-bike experts – from far more than 25,000 expert's reports and test reports
- » active for courts, insurers, manufacturers, lawyers and private individuals in Germany and abroad (e.g. USA, GB, Israel)
- » manufacturers documentations archive: the largest one all over Europe, probably even the largest one of the cycle / e-bike industry worldwide
- » speakers have extensive trade and workshop experience
- » speakers ride as private individuals and as test riders for special interest magazines or industrial customers tens of thousands miles by bike / e-bike per year



## OUR COMMITMENT TO THE BICYCLE

 <b>BdFS</b> Bundesverband der Fahrrad-Sachverständigen e.V.	<b>BdFS – Bundesverband der Fahrrad-Sachverständigen e.V.</b> (German association of bicycle experts), founding member and chairman	 <b>IHK</b> Region Stuttgart	<b>Chamber of Commerce and Industry CCI region Stuttgart</b> , founding member of board of examiners "Bicycle mechanic"
 <b>ZUKUNFT FAHRRAD</b>	<b>Zukunft Fahrrad e.V.</b> , founding member and deputy chairman	 <b>Stiftung Warentest</b>	<b>Stiftung Warentest</b> (German foundation for comparative product testing), advisory committee
 <b>DIN</b>	<b>DIN – Deutsches Institut für Normung e. V.</b> (German Institute for Standardisation), two employees cooperating in the boards	 <b>DVR</b> Deutscher Verkehrssicherheitsrat	<b>German Road Safety Council (DVR):</b> Working group "Bicycle and speed pedelec safety"

## OUR COMPANY HISTORY – COMPETENCE IN BICYCLE KNOWLEDGE (EXTRACT)

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| <p><b>1993</b> Foundation of Ingenieur- und Sachverständigenbüro für Fahrradtechnik in Ludwigsburg by graduate engineer Dirk Zedler</p> <p><b>1994</b> Public appointment and swearing in of Dirk Zedler as expert witness for bicycles at the CCI region Stuttgart</p> <p><b>1995/96</b> First participation in the German DIN committee</p> <p><b>1998</b> Dirk Zedler becomes first chairman of Bundesverbandes der Fahrrad-Sachverständigen e.V. (German association of bicycle experts)</p> <p><b>2004</b> From that year on training company for bicycle mechanics</p> <p><b>2007</b> Founding member of CCI board of examiners</p> <p><b>2009</b> From that year on lectures at the German Association for Materials Research and Testing (DVM e.V.), workshop bicycle safety</p> <p><b>2010</b> Foundation Zedler-Institut für Fahrradtechnik und -Sicherheit GmbH (testing services, technical documentation)</p> <p><b>2012</b> Lecture at GDV e.V., symposium on liability: "Damage to bicycles – Developments and verification possibilities"</p> | <p><b>2013</b> From that year on advisory committee at Stiftung Warentest (German foundation for comparative product testing)</p> <p><b>2014</b> In addition, public appointment and swearing in of Dirk Zedler as expert witness for electric bicycles</p> <p><b>2014</b> Training company for two-wheeler mechatronic technicians, specialising in bicycles</p> <p><b>2015</b> Cooperation in the board for standardised guidelines on the replacement of components on e-bikes (together with the umbrella organization for German industry guilds BIV, Velotech and the German bicycle associations VSF and ZIV)</p> <p><b>2016</b> Foundation of GDFS – Gesellschaft der Fahrrad-Sachverständigen mbH</p> <p><b>2019</b> Zedler-Institut is founding member and Dirk Zedler deputy chairman of the German association "Zukunft Fahrrad e.V." (bicycle future)</p> <p><b>2023</b> Accreditation of the test laboratory in accordance with DIN EN ISO 17025 by the national accreditation body of the Federal Republic of Germany DAKKS.</p> <p><b>2024</b> Jury member Cyclingworld Award (Bicycle fair Cyclingworld Europe, Düsseldorf)</p> <p><b>2024</b> Jury member Eurobike Award (Leading international trade fair of the bicycle industry, Frankfurt)</p> |
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## **GDFS** Gesellschaft der Fahrrad-Sachverständigen

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