



Painted Black: TRW Brake Shoes in a New Design

- **Paint offers maximum corrosion protection**
- **Can be used in 95 percent of vehicles in Europe**
- **Over 300 assembly kits ensure easy installation**

The black paint has been a trademark of the brake disks of ZF Aftermarket product brand TRW for many years. The special coating gives the products a unique surface and above all ensures corrosion protection that is particularly effective. The TRW brake shoes were aligned to the product range and painted black.

Brake disks are subjected to extreme conditions. Frigid temperatures, wet roads and road salt are a problem, particularly in the winter months.

Since brakes are among the vehicle components that are most relevant to safety, all brake parts must have a good protective barrier. In order to guarantee that they first and foremost function perfectly as well as effectively and without generating noise, engineers developed a black paint for the TRW brake discs several years ago. The brake shoes are primarily protected by the brake drums, but the coating offers further protection against corrosion. The effectiveness of this protection was recently proven in a salt spray test according to international standard ASTM B117. Even after 240 hours in constant salt spray, the brake shoes showed only the slightest traces of corrosion.

Environmentally friendly production

In addition to the special coating and the attractive design, the products in OE quality are particularly convincing due to their environmentally friendly production. TRW brake shoes are certified according to ECE R90 and therefore contain neither chrome VI nor heavy metals or asbestos. The fact that the TRW product range of drum brake systems covers 95 percent of vehicles is convincing as well.



PRESSE-INFORMATION
PRESS RELEASE

Page 2/3, 2018-11-06

It is also practical for workshops that the brake shoes can be ordered individually or as an assembly kit. There are now well over 300 assembly kits, which include comprehensive explanations for quick and easy installation of these brake shoes in proven OE quality. In addition to the brake shoes, the TRW brake kits contain the necessary wheel cylinders and retaining pins as well as return and retaining springs, which guarantee reliable spring tension due to their long service life. They prevent noise and ensure smooth braking behavior as well as uniform distribution of braking force. By offering these pre-assembled kits, ZF Aftermarket guarantees maximum functionality.

The black-painted brake shoes are easily recognizable due to a clearly visible sticker on the packaging and can be ordered through ZF Aftermarket's wholesale partners. With improved product quality, TRW black-painted brake shoes will still be offered at the same conditions.

Caption:

TRW brake shoes in new design.

Photo: ZF

Press contact:

Fabiola Wagner, Head of Aftermarket Communications

Phone: +49 9721 4756-110, fax: +49 4755-658,

E-mail: fabiola.wagner@zf.com

Ulrike Kümmel, Aftermarket Communications

Phone: +49 9721 4756-745, fax: 4755-658,

E-mail: ulrike.kuemmel@zf.com



PRESSE-INFORMATION
PRESS RELEASE

Page 3/3, 2018-11-06

ZF Friedrichshafen AG

ZF is a global leader in driveline and chassis technology as well as active and passive safety technology. The company has a global workforce of 146,000 with approximately 230 locations in some 40 countries. In 2017, ZF achieved sales of €36.4 billion. ZF is one of the largest automotive suppliers worldwide.

ZF allows vehicles to see, think and act. The company invests more than six percent of its sales in research and development annually – in particular for the development of efficient and electric drivelines and also in striving for a world without accidents. With its broad portfolio, ZF is advancing mobility and services in the automobile, truck and industrial technology sectors.

With integrated solutions and the entire ZF product portfolio, the ZF Aftermarket Division of ZF Friedrichshafen AG guarantees the performance and efficiency of vehicles throughout their life cycle. Its combination of established product brands, digital innovations, customized products and services, and a worldwide service network has made ZF a sought-after partner and number two in the global automotive aftermarket.

For further press releases and photos, please visit: www.zf.com/press