

QH-informative

Edition 11 | 2011

New

The QH Newsletter has changed!

We have redesigned our Newsletter to ensure that the right recipients obtain the right information.

Divided between the brands QH, Klarius and Friesen, we have now introduced two new categories. The category "Productive" contains information on new additions and supplements to our range which are available with immediate effect and products which were previously in the preparatory stage and are now in stock and available ex warehouse.

The category "Informative" keeps you up to date in a compact a clear manner, with information on technology, marketing, innovations and advertising.

Up to date & informative

QH-informative

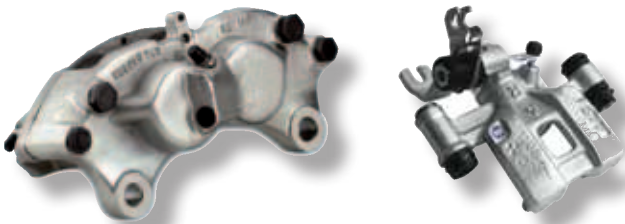
ensures that you receive regular and up-to-date news, providing information on technology, marketing, innovations and advertising in a compact and clear manner. Our complete QH Newsletter is also available for downloading as a PDF file from our website at www.quintonhazell.de.

You can also access our newsletter on our website "www.quintonhazell.de" as a PDF file for download.

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Brakes

Winter check: focus “brake calipers”

Winter is rapidly approaching, and many specialist garages are offering their customers winter checks during, for example, the wheel change in autumn from summer to winter tyres. As a brake specialist, QH recommends an intensive visual inspection of the complete brake system to check for wear on brake discs and brake pads. The dust gaiters on the steering, steering & suspension components, shock absorbers and brake calipers in particular should also be inspected, as these provide secure protection in winter against salt water for the components mentioned. The condition of the car battery should also be checked. Despite this winter check, some of these parts may fail during the darker season of the year, due to adverse road and environmental conditions.

Brake calipers are particularly at risk.

A differentiation is made between two designs when it comes to brake calipers: the fixed caliper (Fig. 1) and floating caliper (Fig. 2).



The fixed caliper is less vulnerable in winter, but also less frequently fitted in modern vehicles, due to its technical characteristics. It has a higher net weight, and the hand brake system is difficult to integrate. The floating caliper, on the other hand, is used more frequently, particularly on the rear axle where it is combined with the handbrake system. It is mounted in a “floating” configuration on the guide pins which are protected by small rubber dust gaiters.

Intensive exposure to salt water renders these porous and causes them to leak. A corroded guide pins causes the brake caliper to “seize” and this can lead to one-sided wear on the brake pads and brake disc. The combination of the floating calipers and handbrake system on the rear axle increases the risk of failure in winter. Precision engineering meets hydraulics here. As a result of unfavourable axle positioning or wear on the rubber seals, salt water frequently penetrates into the precision mechanism of the brake caliper handbrake system, damaging this through corrosion. The handbrake function is restricted as a result, and total failure may occur.

The QH solution

In order to support customer service in specialist garages, QH offers a brake caliper replacement kit, for example, the Opel/Vauxhall Astra G and the Zafira A (Fig. 3 e.g. QBSK34). This enables replacement of the vulnerable serial brake caliper system with a system from QH with a demonstrably longer service life.

The kit contains two brake calipers with pre-fitted brake pads and the new brake caliper brackets. The altered brake caliper means that the handbrake cable must be replaced.

These components can also be obtained from QH, as the brake specialist remains true to its motto:

Everything from a single source – in OE quality! Existing serial

brake discs can be retained, depending on the level of wear. Segment III vehicles in particular are especially vulnerable, due to their age of between eight and twelve years.

In addition to the above replacement option, serial brake calipers can also be replaced with technically optimised replacement brake calipers which, in principle, correspond 1:1 to serial brake calipers. However, QH does fit an additional seal ring to protect the precision mechanism against penetrating salt water and, consequently, contribute to vehicle safety. Solutions from Klarius QH are therefore not merely an additional business option for service-oriented specialist garages, but also represent real added value for garages customers.

QH garages tip

You should arrange a subsequent appointment with your customer for the following January when changing the wheels in autumn. An intermediate inspection during the “quiet” season can allow you to identify subsequent damage in good time, indicate this to your customer and, possibly, generate additional business.



3.

Topic: EPB in winter

The first cold night of the approaching winter frequently sounds the death knell for weak car batteries. This can pose a problem for vehicles with an electronic parking brake (EPB) which does not have an emergency unlocking system.

The EPB can no longer be released in the event of a power failure. Additionally, in the case of external starting or battery replacement, it can frequently only be released in the garage using the required diagnostic device.

Naturally enough, QH also offers garages a professional solution with the diagnostic instrument QST601 (Fig. 5). The EPB is an electro-mechanical component (Fig. 4) consisting of a floating caliper and electric servomotor.

Handbrake cables and a manually actuated handbrake lever are not necessary here.

And the same applies in this case: anyone who wishes to see his garage customers well equipped through the cold days of the year should not forget the battery during the winter check!

General information

- QH maintains continual contact with its customers to facilitate improvements in OE parts technology where necessary
- QH always includes new guide pins and guide pin grease with its replacement floating calipers.

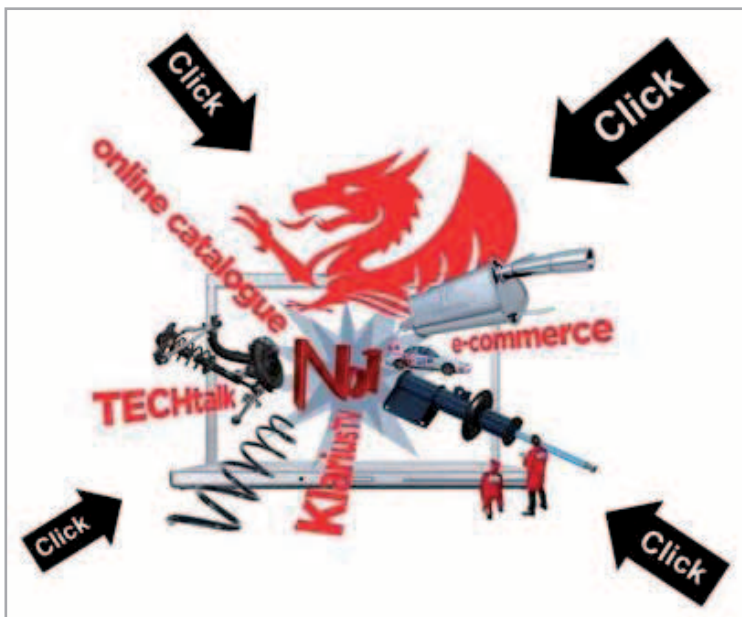
Choose the reliable variant – choose QH.



Relaunch of the Klarius QH website New Klarius Group internet presence

The new German-language internet presence of the Klarius Group has been activated and is now live with immediate effect. Following a complete overhaul, we are now presenting our company with a modern, clearly structured, user-friendly and informative web presence. Special features include in particular the homepage with an overview of the latest news and current sales campaigns. It also enables direct accessing of Klarius TV and, in future, the Klarius Boutique through which all Group internet products can be obtained.

A webshop will follow shortly for comfortable and efficient online trade. A further innovation is the news archive which contains all press releases since January 2011 in the German-speaking region. The aftermarket specialist's German website can be activated via two domains: www.klarius.eu and www.quintonhazell.de. The website is distinguished by a clearer, user-friendlier structure with a high degree of information density.



The modern layout reflects the corporate design of the Group which has been harmonised in recent months. The entire web presence is now not only clearer and more modern, but also more informative and, with a Twitter function and simplified contact options, more interactive. This corresponds to our dynamic and open corporate culture. The Twitter symbol in the upper part of the website directly adjacent to the search field enables you to also follow messages from Klarius using this communications platform.

The website is divided into several main levels, namely Home (homepage), Company, Webshop, Products, News, Marketing, TECHtalk, Online Catalogue and Contact. You can obtain detailed information on the comprehensive portfolio of the Klarius Group in the Product area. In addition to this, the product-related Newsletter is also available for downloading with immediate effect under this menu item. In addition to press releases, information on sponsoring activities, events and international trade fairs can also be accessed in the News category, along with access to Klarius TV which, aside from real-time images from production locations, also shows training and information films. Brochures and flyers are stored in the Marketing area. The online catalogue, which used to be accessible under eCommerce, is now a dedicated menu item in its own right.

The new Klarius Group internet presence can be activated at www.klarius.eu. The German-language website can be accessed via the respective country information in the language menu on the top left. Moreover, the German domain www.quintonhazell.de will be continued and also directs to the new company website.

We would welcome any praise or constructive criticism to ensure that, together, we can continually improve and update the contents.