Dear readers,

Although more and more vehicles nowadays are on the streets, the streets are getting more and more safer. This is mainly due to new technology. Not only the automobile manufacturers but also the workshops benefit from progress. You, our estimated customers, fortunately are aware of the fact that ROMESS consistently develops innovative products which assist you to work in an easier, more efficient as well as in a better way. In this edition we would like to give you a first impression of the high performance of our R & D department during the last months. We managed many successful processes.

Enjoy yourselves while reading the present ROMESSE

Yours Werner Rogg

Steering-wheel balance: a beep!

Thanks to a clever system the steering-wheel balance can be mounted on every steering wheel common on the market. The user is warned by an acoustic signal, if the steering wheel moves from the zero position.

The users of the ROMESS steering-wheel balance RNW 2009 will be warned by an acoustic signal in future. Our clever product which is used to adjust the steering wheel as well the chassis by innovative and quality-conscious workshops has been improved in a very effective way. It is equipped with an integrated sensor and facilitates the adjustment by one single person according to the highest standards. "The acoustic function is an advantage for the workshop professional, when he is below the vehicle in the wheel-alignment position, explains Mr. Kay-Uwe Karsten, customer adviser at ROMESS. Once the steering-wheel balance moves from the zero position, it sends an acoustic signal. The mechatronics technician is immediately aware of the fact that he has to correct the steering-wheel position. "Prior to that he had to make sure by coming up from under the vehicle and had to check, if the position of the steering wheel was in the correct position or not", states Mr. Kay-Uwe Karsten. "By means of the integrated acoustic sensor, the RNW 2009 now is optimised." particularly since the limit of the signal release can be adjusted in an individual way. The patent-protected RNW 2009 is equipped with an electronic inclination gauging, which automatically aligns the horizon and therefore eliminates measuring failures. Furthermore the steering-wheel balance can adjust itself. For more information please see on next page.
Finally cleared up
It has been argued for a long time, whether workshops had to bear the assembly and disassembly costs for the replacement of faulty spare parts or, whether they could pass them on to their suppliers. Now, finally the European Court has cleared this query in favour of the workshops. The spare-parts supplier is obligated to deliver a spare part free of defects and has to bear the costs for the assembly and disassembly of the faulty part.

Improved
From today on the leak-detecting device USM2015 of ROMESS (below) comes on the market with a new electronics which allows a better acoustic resolution. Physically the device has not been changed. The USM 2015 is above all the ideal solution for the leak detection at air-conditioning units and becomes more and more important, if and when combustible air-conditioning liquids will come on the market.

Twice as clever, since it measures two angles
The RNW 2009 is a helpful solution for workshops and very successful on the market. It is equipped with a big measuring values storage, a small-sized USB interface, a charge-state display, a clever mounting system and now it is optimised by an acoustic sensor - all these features stand for a technological leading device. The competitors cannot launch any product which is comparable to the ROMESS one. The device as well as the measuring system are patent protected. It goes without saying that conventional steering-wheel balances can lead to false results. This is due to the fact that steering-wheel balances are mounted in an angle up to 20 degrees declining to the front. Therefore it nearly is unavoidable that discrepancies result during angular measurements in the horizontal, if the steering wheel is turned. This problem completely is eliminated with the RNW 2009 due to its conceptual design. Because of the precise results the RNW 2009 is the ideal solution for the accurate basic setting of the chassis, even in case of irregular tyre wear.

The comfort experienced by the user could not be better: The device is able to diagnose itself and fulfils therefore the QM conditions. Thanks to its software the RNW 2009 can adjust itself.
In 1998 Mercedes, the technology partner of ROMESS, launched in their S-class the first system for the adaptive cruise control under the product labelling "Distronic" on the German market. The so-called ACC supports the driver on highways and express highways. It determines the position and speed of the vehicle running ahead by means of a sensor.

If the ACC detects that the vehicle in front is driving slower, it decelerates automatically until the interval preselected by the driver is reached and keeps this interval constantly. For this purpose the cruise sensor scans the surroundings of the vehicle every millisecond. If there's no vehicle running ahead, the system simply works as speed control.

The core of the ACC is a vehicle-interval radar which is fixed in the centre of the front part of the vehicle. The crucial point for the efficient functionality of this sensor, is the precise adjustment of the radar head.

In this case ROMESS has set standards from the beginning. The adjusting device has to be put on the radar head by means of a vacuum pump with low-pressure. Then the laser beam is projected on a test equipment. If it misses the preselected point, the radar head has to be readjusted.

ROMESS is also leading in the development of clever adjusting devices. After the 09803-DTR for the adjustment of the Distronic in the S-class of Mercedes, ROMESS launches a new product on the market.

The adjusting device 09807-10 of ROMESS is for the application at economic adaptive cruise controls, as they mainly are mounted in vehicles of the middle class, as e.g. the B-class or commercial vehicles. The suction hose has to be put on the radar sensor and is to be fixed by means of a manual vacuum pump. An integrated level simulates the radar beam and allows the precise adjustment.

With the Distronic adjusting device 09807-10 ROMESS offers an appliance, for the precise adjustment of economic adaptive cruise controls, to workshops.

Really economic!

By means of the vacuum pump (in the front of the picture) the user generates a vacuum on the suction hose in order to anchor it. A manometer visualizes the contact pressure.
Product only as good as the service

"A device only is as good as the service offered by its manufacturer." This is the credo of Mr. Werner Rogg, and he does not make any compromises in this case. And this is the right way! Many customers of our company do not only estimate the quality of the ROMESS products, but also the service which we offer to our customers. "We guarantee a rapid repair and supply, in case of need, a loan device during the repair time at the disposal of the customer. This service is of course free of charge. The customer can therefore continue his brake-maintenance business in workshop even during the repair time", states Mr. Werner Rogg. This service is offered in Germany directly from Romess. Our competitors do not offer any comparable customer service. And this is what makes the difference between ROMESS and its competitors! Furthermore, also regarding the robustness of the devices other manufacturers cannot keep up with us. In fact the devices of ROMESS reach extremely long service lives of more than 10 years. ROMESS is worth it - and that's the fact! Service inquires, in countries other than Gemany, please contact us.