

Press Release

Annecy (Haute-Savoie, France), 25 September 2017

From Villepinte to Porte de Versailles, NTN-SNR is Equip'Auto's long-term partner

NTN-SNR hydraulic accessories belt tensioner roller with a variable damping mechanism, an innovation acclaimed at the 2017 Equip'Auto trade show with its new line of speed sensors and services

NTN-SNR is presenting a ground-breaking innovation for Stop & Start engines at the 2017 Equip'Auto trade show: an hydraulic accessories belt tensioner roller with a variable damping mechanism. It won over the panel of judges for the Innovation Grand Prize in the "Parts, Equipment and Components" category. Its varied shock-absorption through double oil-flow provides a decrease in CO2 emissions, vehicle fuel consumption, and for prolonged component durability. NTN-SNR, as part of the Equip'Auto trade show from Villepinte to Porte de Versailles, will be presenting other innovations and new services offered to stakeholders in the independent spare parts industry- particularly garage professionals. NTN-SNR is now offering 250 types of wheel-speed sensors as well as accessories and newer versions of ASB®. This international gold standard created by NTN-SNR will soon celebrate its 20th anniversary. The latest developments for the TechScaN'R application will also be presented through installation and removal demos at a dedicated workshop in the stand area.

The hydraulic accessories belt tensioner roller with a variable damping mechanism: tomorrow's technology for Stop & Start engines

NTN-SNR has created hydraulic accessories belt tensioner roller with a variable shock-absorption mechanism for engines using the ISG (Integrated Starter Generator) Stop & Start function. This new solution, which allows for varied shock absorption using a dual-oil-passage, automatically adjusts the tension idler's tension level to optimum settings which respond to the engine's running conditions. Conventional tension idlers are unable to do this. This means that relatively low tension can be applied when driving, to reduce fuel consumption and pollutant emissions, and that a higher tension level can then be applied when the engine is restarted. The vehicle benefits from greater reliability at the point when the engine is re-started, while fuel consumption is also optimised and components benefit from greater longevity. This idler's design allows for it to be installed without changes being made to the engine design. Pre-series and reliability testing phases have been completed, and mass production can now begin.

Over 250 NTN-SNR speed sensors at the cutting edge of mechatronics

Mechatronics innovation

NTN-SNR will present 250 speed sensor models at its stand, which it is launching onto the independent spare parts market. This extensive line covers around 6,500 vehicle models and is soon to be enhanced by over a hundred new additions. The NTN-SNR range covers all sensor technologies currently on the market, whether passive, active with Hall effects sensors, or solenoid. NTN-SNR is the first motor bearings manufacturer to venture into this space. NTN-SNR brings nearly 20 years of experience, starting with the launch of the ASB[®], which has since become an international gold standard. This provided the path to development of the ABS and ESP, among other technologies. Its know-how in mechatronics, 100%-controlled reliable production, and expertise in the co-development of the sensor/coder pair with leading manufacturers enables NTN-SNR to guarantee full compatibility between wheel bearings and sensors.

Innovation within arm's reach of users

NTN-SNR offers a full exclusive catalogue of sensors with links to relevant wheel bearings kits which fulfil the needs of the independent spare parts market. A brochure, as well as a Technical Data sheet are also available. All sensor references can be found in the TechScaN'R smartphone app.

A space and tools designed with repair professionals and end-users clients

NTN-SNR will set up, on its stand, for the first time, a workshop space for technical demonstrations to inform end-users at Equip'Auto 2017. Installation and removal sessions for a variety of products (wheel bearings, distribution engine and constant velocity joint transmissions) will be hosted by NTN-SNR technicians four times a day. They will take this opportunity to show the full extent of options available through the TechScaN'R* app, which has been enhanced and now offers more than 700 references, assembly videos and manufacturer specifications.

.....
NTN-SNR ROULEMENTS, headquartered in Annecy (Haute-Savoie, France), is owned by the Japanese group NTN Corporation, a world leader in bearings. NTN-SNR is responsible for managing and developing all NTN's business for the EMEA region, as well as Brazil. A key player as a designer, developer and manufacturer of bearings and sub-sets for the automotive sector, industry and the aeronautical sector, NTN-SNR also has global reach, developing maintenance solutions and services. NTN-SNR employs 4,225 people and has 9 production sites, 6 of which are in France, as well as 18 sales agencies.

NTN-SNR
Head of Communications
Carol DONAT
carol.donat@ntn-snr.fr
Mob.: +33 6 77 02 87 04

Press Agency
Dominique BERTRAND Consulting
Tel: +33 6 03 06 80 00
Email: domi.bertrand@wanadoo.fr