A global company

29% AMERICA
24% EUROPE
20% ASIA
27% JAPAN

71 WORLDWIDE PRODUCTION SITES
108 WORLDWIDE SALES REPRESENTATIONS
23,360 EMPLOYEES WORLDWIDE
5.4 BILLION EUROS IN SALES

75% of turnover is split between bearings, pulleys and suspension parts
25% of turnover for CV Joints

Headquarters
Osaka, JAPAN
NTN-SNR manages and develops all of the group’s activities for Europe, South America, Africa and Middle East, offering a unique combination of Asian and European cultures.
AUTOMOTIVE OEM & IAM
MAIN ACTIVITIES
Leaders in the world market place

Wheel Bearing market worldwide
CVJ market worldwide
Suspension market in Europe

Innovation solution

Research & development
2 R&D Centers (Annecy France, Kuwana Japan),
2 Development sites (USA, China),
In Europe: 400 dedicated engineers. 200 Million euros of
investment over the past 4 years.

Reversed taper roller bearings

PCS Hub-Joint
International Grand Prix awards
for automotive innovation Equip-Auto 2015

Variable auto tensioners
In-Wheel motor systems
Innovation Award Automechanika 2012

ASB® Technology
(Active Sensor Bearing)
a worldwide standard.

Trusted by the world's automotive manufacturers and OEMs
AUTOMOTIVE AFTERMARKET
With you
YOUR PARTNER FOR TODAY AND TOMORROW

PRODUCTS
Products are developed from conception through to design, R&D OE production and finally to the aftermar-
et. Strong innovation and technical know-how to develop products and services for today and tomorrow.

ENVIRONMENT
Minimize our carbon footprint with plants and warehouses specially designed to reduce energy consumption and waste materials.

PROFESSIONAL ENVIRONMENT
Member of several professional associations for the promotion of original quality.
MULTI SPECIALIST

The strength of an international group combining the best of Asian and European products, know-how and expertise, high-performance products and services for all your market’s needs.

Our range is divided into 3 main areas of expertise, all developed from our OE and Aftermarket know-how.

NTN-SNR is particularly focused on the concept of original quality. A guarantee of reliability and safety.
With more than 2,000 part numbers, the NTN-SNR Chassis product range is one of the most comprehensive ranges on the market today, the range covers wheel bearing kits, brake discs with integrated bearings, suspension kits and CVJ.

WHEEL BEARINGS
- One of the largest ranges worldwide
- 1,300 Kits for passenger cars and more than 130 wheel bearings for commercial vehicles
- 98% coverage of the European car parc
- A large range of Asian applications is covered thanks to our Asian roots
- Original quality wheel bearings and components are always contained in our kits

BRAKE DISCS WITH INTEGRATED BEARINGS
- A unique range covering 100% of the vehicles equipped with rear hub brake discs
- NTN-SNR uses the same specifically developed hub brake discs, for both OEM and the independent aftermarket.
- Strict control of our manufacturing processes in our factories guarantees the quality and safety of all our products.

CVJ
- 3 ranges: Driveshafts, CVJ Kits and boot kits
- The strength of the world’s 2nd largest OEM manufacturer
- OE Quality

SUSPENSION KITS
- One of the broadest ranges on the market today covering more than 400 part numbers
- OEM Leaders and partners of the world’s largest automotive manufacturers.
- Quality assurance is guaranteed by using original products and components in our kits, developed according to industries requirements and specifications
- Unique control of our manufacturing processes
NTN-SNR now produces 20 Million suspension products each year
The NTN-SNR Powertrain products portfolio offers a complete range of replacement parts for TIMING, AUXILIARY and AIR CONDITIONING. Each of the 3,000 part numbers in the range contributes to a high level of quality helping to guarantee performance and reliability.

**TIMING**
- A large range of 1,200 references covering timing kits, timing kits with water pump, tensioners and idler pulleys
- 98% of the European car parc is covered
- Main supplier to the VAG for hydraulic tensioners.
- The partner of vehicle manufacturers worldwide.

**AUXILIARY SYSTEM**
- One of the most comprehensive ranges on the market today covering 1,800 references
- Tensioners, idlers kits crank shaft pulleys, overrunning alternator pulleys auxiliary kits and belts
- 96% coverage of the European car parc
- Unique and dynamic range (25% of the range added over the past 3 years)

**AIR CONDITIONING**
- A range of 30 references that covers the entire air conditioning market.
- Original equipment quality products
The NTN-SNR transmission product range contains a large selection of GEARBOX BEARINGS and CLUTCH RELEASE BEARINGS for passenger cars and heavy duty vehicles.

GEARBOX BEARINGS

> PASSENGER CARS
- A range of 300 bearings, supplied by both NTN and SNR plants
- 80% of the range are specific parts tailored to OE needs
- The range covers 150 types of gearboxes: automatic, manual and CVT (continuously variable transmission)
- Partners with Europe’s and Asia’s largest vehicle and gearbox manufacturers

> TRUCKS
- NTN-SNR provides the aftermarket with more than 100 OEM transmission truck parts with a focus on the most popular trucks used in Europe today.
- 50 references specially designed for Asian transmissions

CLUTCH RELEASE BEARINGS
- A range of clutch release bearings designed and manufactured by NTN-SNR
- Strict controls along the manufacturing process guarantee the quality of our clutch release bearings
SERVICES

#SOLUTIONINSIDE

ADDED VALUE

- Dedicated teams worldwide
- Premium range quality
- Valuable brands: NTN & SNR
- Premium Services:
  - Class leading catalogues
  - On-line solutions, e-tools, e-order
  - Fitting instructions, TechInfos
  - Smartphone APP: TechScaN’R
  - Training

CATALOGUES, BROCHURES & SALES SUPPORTS

SMARTPHONE SERVICES: TechScaN’R

- Technical data for technicians via iOS & Android smartphone
- Solutions available everywhere at anytime
- Easy to use: Just scan the part number: no QR codes needed
- All boxes and catalogues are now connected
- Special features: Augmented Reality & 3D
- First to market

ON-LINE SERVICES

- e-Catalogue
- Online ordering
- TecCom Solution
- TecAlliance

INTERNAL TECHCENTER

- Where our technical team can answer customers’ questions and requests
- Online solutions available everywhere at anytime
- General data: maintenance, tightening torques

TECHNICAL SHEETS & FITTING INSTRUCTIONS

- Provide mechanics with all technical information needed to correctly install the product
- Based on top problems and recurrent claims most reported by our customers
- Based on our own technicians’ expertise and know-how

EVIDENCE

- Misalignment of pulleys.
- An over tightened belt causing it to stretch and crack.
- Small visible cracks all over the belt.
- Material is worn and torn away from the belt and normally accumulates in around the belt frame.
- Teeth are torn away from the belt frame whilst under-tension.
- Teeth have detached from the belt.
- High operating temperatures caused by friction or insufficient cooling.
- Contact with a foreign element or a misalignment issue.
- The belt moving on the pulleys during the fitting process.
- Incorrect tools such as screwdrivers being used whilst fitting.
- The belt slipping over the tensioner, due to low tension.
- The back of the belt may show signs of melting or excessive wear.
- A transverse tear across the belt.

FEATURES OF THIS BELT

- OE: 13568-29035
- FR/01
- BEARING
- DPF/UK/03
- KB

WHY CHANGE THE DAMPER PULLEY?

The damper pulley has an essential role, absorbing noise and vibrations and helping maintain optimal performance. When certain symptoms appear, checking the damper’s condition becomes crucial. Symptomatic changes include:

- Incorrect tensioning causing noise and vibrations.
- Damage or wear to the damper pulley itself.

NTN-SNR recommends checking all the components of the auxiliary and timing systems. This involves:

- Checking for signs of heat damage from the belt.
- Ensuring the correct tension is achieved using an electronic tensiometer.
- Replacing the belt if it has visible damage or is worn.
- Following the manufacturer’s fitting instructions.

NTN-SNR recommends checking:

- The roller tensioner GT369.40 (T2) and the roller GT359.26 (M) for any signs of wear or damage.
- The hydraulic tensioner GT369.40 on the belt frame.

Checking these components ensures the optimal performance of the damper pulley and contributes to the overall reliability of the vehicle’s drivetrain.
Efficient logistics based in our new dedicated
Automotive European Distribution Center
(Cran-Gevrier - FRANCE)

• Delivering quality
• Single logistics for all our ranges