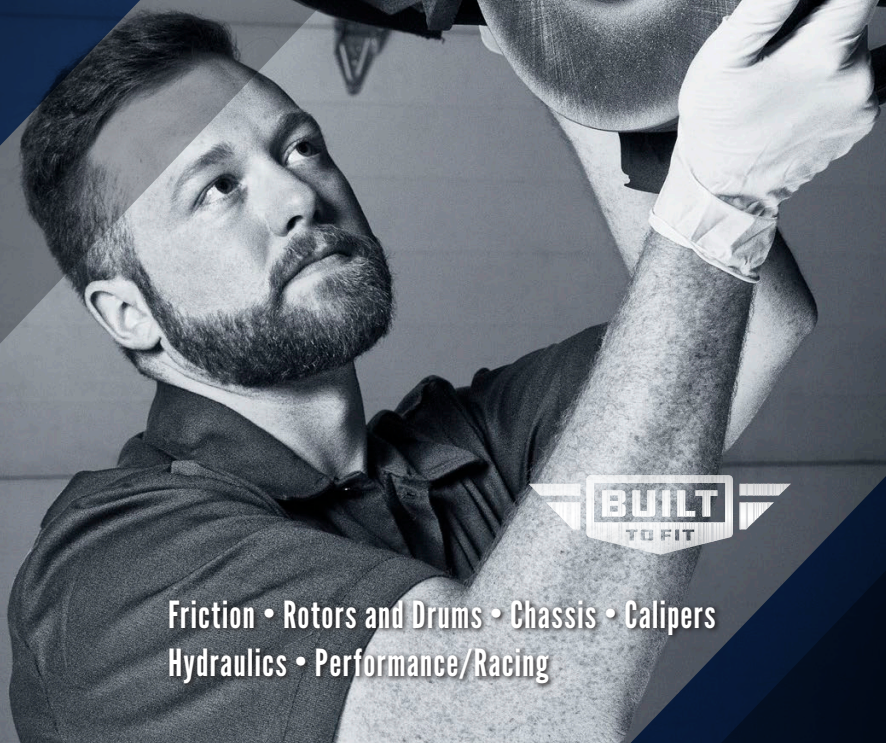


Centric Parts

North America's leading manufacturer and supplier of aftermarket brake and chassis components for passenger vehicles, light- and medium-duty trucks, fleet vehicles, high performance vehicles and racecars.

www.CentricParts.com



Friction • Rotors and Drums • Chassis • Calipers
Hydraulics • Performance/Racing





Centric Parts – Leadership in Brake and Chassis Technology

Centric Parts (Centric) is a division of APC Automotive Technologies, a market-leading supplier of automotive, light truck and heavy-duty undercar replacement parts. Centric Parts is also North America's top manufacturer and supplier of aftermarket brake systems components for import and domestic vehicles, including passenger cars, light- and medium-duty trucks, fleet vehicles, high performance vehicles and racecars.

Through the company's StopTech and Qualis Automotive divisions, Centric also supplies components and systems to OEMs, top retail partners and private label customers. With an unparalleled level of research and development in North America and an exceptional depth and breadth of products across makes and models, Centric is an industry leader in brake

and chassis technology innovation, brand reputation, cataloging and new part introduction and availability. Centric Parts' outstanding portfolio includes some of the industry's leading products marketed under the Centric®, C-Tek®, Fleet Performance, GCX®, PosiQuiet®, PQ PRO™, StopTech® and TACTICAL™ brands.

“ At Centric, our most important goal is to build the best part in its class in every category, while providing an outstanding value to the customer. To that end, we are keenly focused on maintaining the keys that helped create our success in the first place, namely innovation, new product development, quality build, cataloging and outstanding fulfillment metrics. ”

– Greg Woo
President of Centric Parts





Research and Development

In order to be first to market and establish the industry benchmark for product quality, Centric has invested heavily in its R&D and testing capabilities. Centric's in-house Friction Development Lab and state-of-the-art testing facilities are focused on research and development of friction materials, continually pushing the envelope for improvements in performance and durability.

Manufacturing and Testing

Centric has a vertically integrated manufacturing capability that incorporates the entire value chain, allowing the company to source, retrofit, test, validate and ship products faster than competitors. As a result, Centric is able to quickly respond to customers' frequent and diverse product orders while maintaining strict quality control standards.

Testing and Evaluation

The award winning, in-house engineering department at Centric Parts employs SAE testing protocols to ensure the proper fitment and safe performance of every part's vehicle application. Four, in-house Link Brake Dynamometers are used to

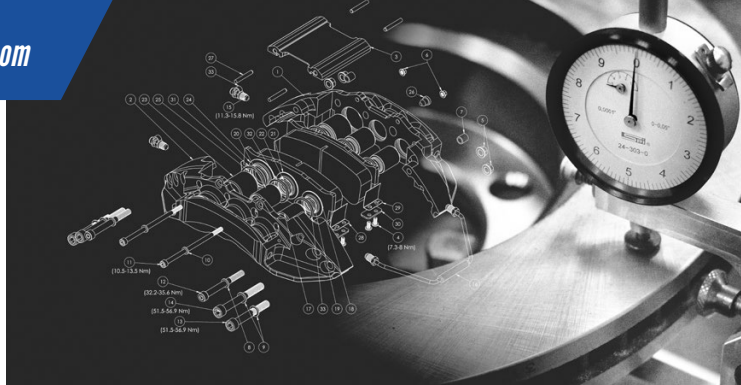
evaluate brake components under the most demanding conditions and provide real time data to product management teams. Real-world, city, highway and on-track testing is conducted under all conditions using data acquisition equipped vehicles. Centric products are also benchmarked against the competition using independent, third-party test facilities.

Distribution

With excellent fill rates and exceptional product coverage, Centric uses distribution hubs throughout North America to make its brake and chassis products readily available to distributors and retail partners where and when they are needed.

Serving Traditional, Retail and Performance

With over 103,900 SKUs across a wide range of year, make, model and engine specifications, Centric can supply aftermarket brake and chassis parts for virtually every type of on-road and off-road passenger vehicle, light- and medium-duty truck and high performance/racing vehicle, including applications for law enforcement and military use.



Brake Pads and Shoes

Centric Parts continues to maintain its aftermarket leadership in brake pads and shoes, by designing and manufacturing brake system components that deliver proper fitment, superior performance and long life. All components are supplied with required installation hardware.

PQ PRO Disc Brake Pads

Formulated to give technicians peace of mind and deliver safety and comfort to drivers. These innovative pads do not require a break-in period and are designed to eliminate brake fade, improve brake response and reduce excessive noise. Exclusive Mu500 friction coating provides an immediate increase in stopping power

right out of the box, while advanced multi-layer shims eliminate noise and vibration. To increase technician and customer confidence, every set of PQ PRO brake pads is backed by an exclusive One-Year, Centric-Assured 24/7 Roadside Assistance Guarantee.

Posi Quiet Disc Brake Pads

Designed to eliminate noise and vibration while delivering fade-free stopping performance. Manufactured using OEM positive molding process to deliver even wear and performance characteristics throughout the life of the brake pad. Offered in original equipment, semi-metallic, ceramic and extended wear formulations.





TACTICAL Police Duty Disc Brake Pads

Specially engineered to deliver extended service life and fade-free performance under the most grueling law enforcement conditions. Formulated to eliminate fade in high-speed pursuits and work silently when stealth is required. AMECA (Automotive Manufacturers Equipment Compliance Agency) certified and available for all current police pursuit/patrol vehicles.

Fleet Performance Disc Brake Pads

Engineered for maximum performance and reliability in pursuit, rescue and emergency driving conditions.

Centric Disc Brake Pads and Shoes

Centric offers a full line of Premium Ceramic and Metallic disc brake pads as well as wide coverage for bonded and riveted brake shoes and parking brakes.





Rotors and Drums

Centric Disc Brake Rotors are built to original equipment specifications using OE production processes and manufactured to meet QS and ISO Quality System Standards. Centric Rotors feature advanced metallurgy to help reduce squeal and utilize an electrocoating finish that provides long-lasting corrosion protection.

GCX Elemental Protection

Disc Brake Rotors

Specially engineered to restore OE performance, provide superior protection from rust and corrosion and eliminate pad fouling and corrosion rings. Centric applies its advanced RS200 Brake Rotor Coating to the non-friction mating surfaces and keeps the friction sweep area clean to help make pad bed-in 20 percent faster. A full coating on all non-mating surfaces inhibits rust formation

and helps provide long-lasting corrosion resistance.

Centric 125 Series High Carbon Brake Rotors

Designed to deliver improved performance and quieter operation for motorists, especially when using higher friction, European-style brake pad compounds.

StopTech Performance/Racing Rotors

A range of rotors designed to support extended track duty or aggressive street driving in powerful cars. Range includes drilled/slotted high-carbon and cryo-treated brake rotor designs. Available individually or as part of Axle Packs and Big Brake Kits.

Centric and StopTech Axle Packs

Application-specific brake pad and rotor sets are pre-matched to eliminate guesswork and simplify brake service and upgrades for virtually any vehicle. Available as front axle, rear axle or

4-wheel kits for most import and domestic applications, the axle packs are carefully paired to provide optimal performance for a variety of specific vehicle and driver needs, from daily drivers to high performance sports cars and trucks.





Hydraulics and Hardware

Calipers and Hydraulics

Centric offers the most complete and up-to-date hydraulics and hardware program in the industry. The program includes brake master and wheel cylinders, brake hoses, caliper and wheel cylinder repair kits and remanufactured power boosters.

Clutch Systems

Full line of the highest quality replacement clutch parts for import and domestic vehicles. Includes standard and premium master cylinders, slave cylinders, concentric clutch slave cylinders, hoses and cables.

Brake Hardware and Cables

Designed for application specific, direct-fit OE replacement and test-fitted to ensure proper fitment. A full range covers both domestic and import vehicle applications.



Steering and Suspension

Steering Components

The Centric line features tie rods, sleeves, bellows, center links and drag links, control arms, idler and pitman arms, tie rod ends, sway bar links and link kits.

Suspension Parts

Deep coverage for steering system applications includes bushings and bumpers, ball joints, trailing arms, lateral links, thrust arms, coil springs, strut mounts and insulators as well as many other related components.

Hubs, Bearings and Seals

A complete line of wheel hubs, bearings and seals features high-quality components with OE fit, form and function. Applications from 1940 to current-year vehicles are backed by complete cataloging.





StopTech

StopTech is the high performance and racing brand of Centric Parts and a leading brand of world-class brake components and systems for production-based race cars and high performance vehicles. In addition to building a wide range of race-proven braking systems, StopTech also supplies OEM vehicle assembly plants directly in a Tier 1 relationship and was the first company to offer balanced brake upgrades for production cars.

StopTech Disc Brake Pads

A range of street, sport and race compounds optimized for every driving level and offering exceptional performance and durability.

StopTech Disc Brake Rotors

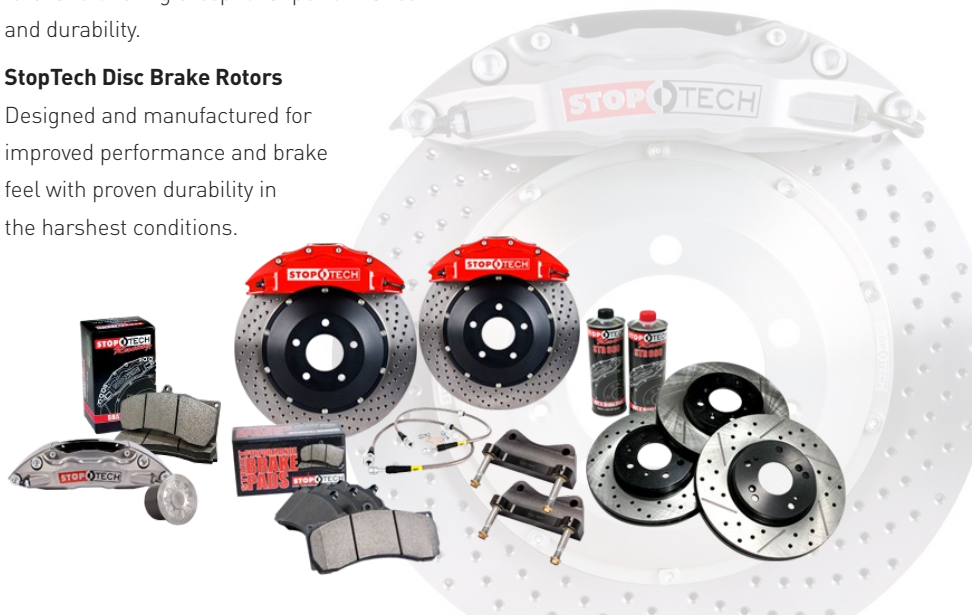
Designed and manufactured for improved performance and brake feel with proven durability in the harshest conditions.

StopTech Disc Brake Calipers

The stiffest fully-forged aftermarket calipers with patented, removable bridges that provide better clamping under hard braking and less pad taper.

StopTech Big Brake Kits

The ultimate high performance brake upgrades, designed to deliver supercar performance, look and feel. Specially developed with large calipers and rotors to exceed stock performance in high powered vehicles. StopTech also offers Performance Axle Packs featuring pre-matched application-specific brake pad and rotor sets.





StopTech Racing

In addition to providing the high performance and racing communities with industry-leading brake and chassis components, StopTech is also a team and title sponsor. StopTech supports racers in a wide range of racing venues, and many StopTech employees are experienced racers and crew chiefs.

Racing is a big part of StopTech DNA. It's embedded in the technology and quality of every StopTech brake kit and component, and driven by the StopTech team's rich history and deep technical understanding of the racing and performance markets, as well as their own personal racing experience and a commitment to be the best.

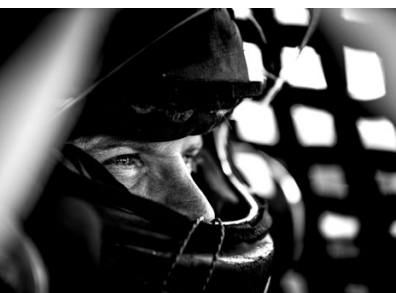
StopTech partners with established, winning motorsports competitors to help push the boundaries of StopTech High Performance Brake Systems. From the digital drawing board to in-house testing

and fabrication, StopTech engineers work with race teams to develop and fine-tune the best braking system for their racers' cars.

Over the years, top racers equipped with StopTech brake systems have successfully campaigned in a variety of venues and competitions, notching multiple wins, setting class records and bringing home championships.

Qualis Automotive

Qualis Automotive is a division of Centric Parts and a premier, full-line supplier of premium brake, hydraulic, clutch and chassis components to the independent aftermarket, national chain installers and retail channels. Qualis maintains Category and Customer Management teams in Carson, California and Memphis, Tennessee, and distribution facilities in Hebron, KY.





Heavy Duty Brake Program

The Centric Parts Heavy Duty Brake Program includes air disc brake pads, rotors and repair kits for all makes. With a comprehensive range of replacement parts for light, medium and heavy-duty commercial vehicles, the Centric Heavy Duty brake line is engineered to outperform original equipment, providing increased performance, service life and durability.

Centric Air Disc Brake Pads

Available in two grades of application-specific friction (106 Series: 23K and 306 Series: 26K) and in over 20 FMSI shapes. The pads are 100% FMVSS 121 and ISO 26866 compliant and feature OE-design coated backing plates to prevent corrosion and pad binding. Centric employs a proprietary PadLock™ friction retention system to inhibit pad

delamination in extreme conditions and adds a Mu500 bed-in coating to increase initial bite and optimize the burnishing process for smooth, quiet performance.

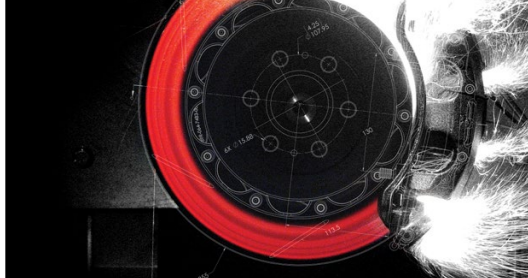
Centric Air Disc Brake Rotors

Offers both coated and uncoated rotors that meet or exceed OEM fit, form and function. Engineered and manufactured to outperform original equipment, the rotors incorporate proprietary metallurgy and design enhancements for increased performance, service life and durability. Repair kits include guide pin kits, seals and tapet kits.

“The addition of Air Disc Brake products to Centric’s industry-leading medium-duty brake program creates a one-stop commercial vehicle brake program that greatly enhances our ability to serve our independent distributors and fleets and accelerates our penetration into the Heavy Duty aftermarket.”

– Don Orrell, Director of Sales and Marketing,
Centric Parts Commercial Vehicle Team





A Dedication to Innovation, Research and Development

Since its founding in 2000, Centric has sustained an unparalleled level of research and development in North America, continually innovating significant improvements to brake technology for the street and track, while earning multiple patents and numerous industry honors.

Originally focused on replacement parts for everyday use, Centric Parts has aggressively expanded into OE, armored vehicle, racing and performance markets. Today, the company operates multiple warehouse and manufacturing facilities totaling over one million square feet and employing thousands of teammates.

Centric's management team is composed of skilled and seasoned experts from across the industry. Their all-encompassing knowledge is bolstered by Centric's dedication to research and development as well as the industry's best programs for tracking and cataloging original equipment. Centric has earned a record-setting 14 consecutive FMSI awards for friction identification since the award's inception.

New Part Introduction

New Product Introduction (NPI) is a crucial driver for success at Centric Parts. An aggressive approach to new brake and chassis part development allows the Centric team to stay ahead of new make and model introductions and respond to customer needs faster. To maximize new product speed-to-market, Centric incorporates rapid prototyping, computer-aided design and advanced coordinate-measuring machines (CMM) to continually expand its award-winning portfolio of braking system brands and products.

Award winning cataloging

Centric catalogs have become a practical standard in the industry, garnering multiple industry awards for exceptional design, comprehensive coverage, up-to-the-minute product information and ease of use. The catalogs now boast one of the industry's widest offering of brake and chassis parts, supporting nearly every make and model of import and domestic passenger vehicle and medium-duty truck manufactured since 1937. The Centric team is committed to creating superior cataloging resources that give its customers and partners the critical tools and support they need to be successful.





Leading Underbody Parts Supplier

In May 2017, Centric Parts merged with AP Emissions Technologies, a premier manufacturer and supplier of automotive, light truck, and heavy-duty exhaust and emissions products. The merger created APC Automotive Technologies, one of the largest North American aftermarket suppliers of undercar parts for passenger vehicles, light, medium and heavy-duty trucks and commercial vehicles. APC Automotive Technologies possesses a market-leading undercar replacement parts portfolio that is unmatched for product depth and diversity.



Drums and Rotors



Friction



Calipers



Chassis



Hydraulics



High-Performance



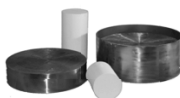
Catalytic Converters



Mufflers



Exhaust Pipes and Tubing



Coated Catalyzers



Heavy Duty



Accessories

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APCAutoTech.com

Centric Parts:

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Carson, CA 90745

Technical Support:
310.218.1091

AP Emissions:

300 Dixie Trail
Goldsboro, NC 27530

Technical Support:
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