



MAGMA

Fire Born Braking



MAGMA USES *FIRE* TO FIGHT *FIRE*
magnabrakes.com

With over two decades of supplying some of the biggest brands in the business, MAGMA Brakes is a global leader in replacement brake part manufacturing and distribution. We are the manufacturer behind the manufacturer.

MAGMA has the knowledge and experience to deliver the most robust replacement brake parts program in the aftermarket. MAGMA establishes the industry benchmark of braking technology and efficiency.



MAGMA reverse engineers each replacement disc and pad to match OE form, fit & function. We capture critical dimensional data and formulation performance data to ensure each part will fit perfectly every time and deliver reliable, like-new stopping power.

- First to market with new applications.
- CMM and FARO reverse engineering systems.
- Global OEM part sample reference library.
- IATF 16949:2016 - Quality management certified.



Our fully automated brake disc and pad factories utilize advanced robotics and artificial intelligence (AI) to improve efficiency and product quality. These state-of-the-art facilities produce parts that match OE form, fit, and function.

- Partnership with FANUC Corporation.
- In-house programming and development team.
- Autonomous, collaborative production cells.
- Continuous process and product improvements.



The MAGMA engineering team tests each friction formula and brake disc to analyze real-time noise, vibration, and harshness (NVH) data. This information supports the continuous improvement process, driving product evolution.

- Multiple in-house LINK dynamometers.
- Dedicated on-site metallurgy testing lab.
- Next-generation friction development.
- ECE R90 - European brake performance specification.



MAGMA shapes the future of sustainable manufacturing by using clean energy resources, automation, and modernization throughout the value chain to help reduce our carbon footprint and limit environmental impact

- Modern, environmentally friendly factories.
- Reduction of waste throughout the manufacturing process.
- Consolidated, vertically integrated supply chain.
- Continuous process improvements.

Having the right parts in the right place at the right time is essential to the success of your business. MAGMA's Southern California distribution facility has over 2 million parts in stock and ready to ship. Exceptional fill rate and fast order turn-around are always standard.

- Same-day shipping on orders received before 12:00 PM PST.
- Continuous inbound product replenishment.
- All orders are 100% inspected and verified for accuracy.
- Multiple carrier options are available.



MAGMA provides application-specific QR code connectivity on all part number labels. This feature delivers product information, images, and technical data directly to your mobile device with the touch of a button.

- Part number interchange.
- Product features and identification images.
- Technical white papers.*
- Distributor-level logistics information.



MAGMA offers turn-key Direct Import (DI) programs that deliver right to your shipping dock. Our manufacturing plants' locations allow for combined product inventory in one container, reducing shipping and inventory costs.

- Combined brake disc and pad shipments are available.
- Improved supply chain transit times and profitability.
- Scalable and adaptable to match market trends.
- Replenishment forecasting and supply chain support.



We provide an unparalleled customer experience by recognizing the concerns of tomorrow's automotive aftermarket and creating an organization that solves these problems through advanced technology, product innovation, and personalized service.

- U.S. based customer support team.
- Electronic order processing.
- Nationwide sales representation and field support network.
- Convenient online catalog.



The MAGMA brake friction line offers several performance levels, each engineered and manufactured to deliver optimized stopping power in all driving conditions.

98% Global Vehicle Disc Brake Pad Coverage

100% Copper-Free Friction Formulas



PRO-SERIES DISC BRAKE PADS

PRO-SERIES Brake Pads are the next generation in disc brake pad technology. MAGMA engineers have combined the most advanced shim, friction, and brake hardware technology to create the ultimate disc pad upgrade for passenger vehicles and light-duty trucks.

- Improved stopping power.
- 100% Positive molded.
- Lowest dust.
- Lowest noise.
- Dual-coated, upgraded, heat-tempered stainless-steel hardware.*
- TRELLEBORG multi-layer, composite shims.
- Reduced pad and disc wear.
- OE style slots and chamfers.*
- High-heat brake lubricant included.
- Post cured and scorched.
- Copper-free.
- Ask for MAGMA PSD PRO-SERIES Brake Pads.



PREMIUM DISC BRAKE PADS

PREMIUM Disc Brake Pads feature OE equivalent friction formulas that optimize braking power for all vehicle types. MAGMA PREMIUM Brake Pads eliminate noise and dust while providing like-new stopping power with minimal heat transfer.

- Optimized stopping power.
- 100% Positive molded.
- Low dust.
- Low noise.
- Premium, heat-tempered stainless-steel hardware.*
- WOLVERINE woven multi-layer shims.
- Reduced pad and disc wear.
- OE style slots and chamfers.*
- High-heat brake lubricant included.
- Post cured and scorched.
- Copper-free.
- Ask for MAGMA PMD Premium Brake Pads.



SEVERE DUTY DISC BRAKE PADS

SEVERE DUTY Brake pads are ready to handle the harshest stopping conditions and keep coming back for more every time. Specially formulated friction materials provide reliable performance in frequent stop, high-heat situations that push brake systems to the limit.

- Extreme stopping power at high temperatures.
- Wide working thermal range.
- 100% Positive molded.
- Low pad and rotor wear.
- Premium, heat-tempered stainless-steel hardware.*
- Heavy-duty backing plates.
- TRELLEBORG multi-layer shims.
- OE style slots and chamfers.*
- High-heat brake lubricant included.
- Post cured and scorched.
- Copper-free.
- Ask for MAGMA MSD Severe Duty Brake Pads.



MAXVALUE Disc Brake Pads

MAXVALUE Disc Brake Pads deliver dependable stopping power for passenger vehicles and light-duty trucks. MAXVALUE brake pads restore stopping performance with minimal noise and dust.

- Positive molded.
- Low dust, low noise.
- OE style slots and chamfers.*
- Attached multi-layer shims.
- Post cured and scorched.
- Copper-free.
- Hardware sold separately.
- Ask for MAGMA MXD MAXVALUE Brake Pads.

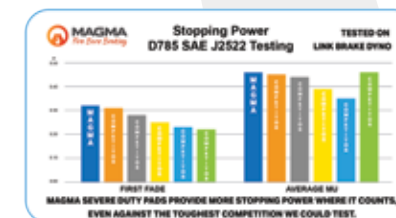


Electronic Wear Sensors

MAGMA Brakes offers a complete-line of electronic wear sensors for passenger cars and light-duty trucks.

- Matches OE form, fit & function.
- Application-specific designs.
- High-Temp materials & construction.
- Installation ready without modifications.

*where needed



MAGMA Severe Duty Brake pads provide more stopping power where it counts, with increased MU (μ) and better fade resistance than the competition.



TRELLEBORG shims lead the way in noise and vibration-damping solutions for various applications. These unique vulcanized rubber-to-metal composite shims combine several valuable properties: vibration insulation, compressibility, and excellent adhesion.



WOLVERINE shims utilize a multilayer design with an NBR rubber coating that reduces noise caused by pad vibration. Specialized PTFE coatings and bonding adhesives further eliminate noise caused by movement between the brake pad and caliper.



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MAGMA brake rotors and drums are manufactured to match OE form, fit, & function, delivering like-new performance, exceptional strength, and efficient heat dissipation.

98% Global Vehicle Brake Disc Application Coverage.
100% OE design castings.



PRO-SERIES DISC BRAKE ROTORS

PRO-SERIES Brake Discs are the ultimate upgrade option for cars, trucks, SUVs & service-duty vehicles. Each rotor matches OE form, fit & function, ensuring correct heat dissipation and optimized stopping power. PRO-SERIES Brake Discs with GEOPRO™ corrosion protection are installation-ready right out of the box.

- GEOPRO™ wrap-around corrosion protection.
- Compatible with all brake pad types.
- Reduced installation time.
- GG20/G3000 high-strength iron.
- OE split core casting designs.
- Precision machining eliminates DTV issues.
- 100% computerized mill balancing.
- Machined friction surfaces for easy bed-in.

GEOPRO is a water-based, anti-corrosion coating that requires no additional preparation before installation, reducing labor time and increasing profitability. GEOPRO provides superior rust protection on all internal and external surfaces.

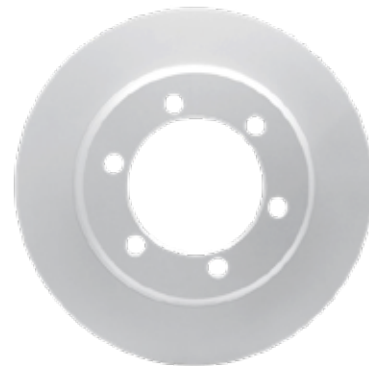
- No additional cleaning or prep is required.
- Will not foul brake pad material.
- Compatible with all brake pad types.
- Resists high temperatures and chemicals.



PREMIUM DISC BRAKE ROTORS

MAGMA Premium Brake Rotors match OE form, fit & function, delivering maximum thermal capacity and durability.

- GG20/G3000 high-strength iron.
- OE split core casting designs.
- OE vane designs.
- Precision machining eliminates DTV issues
- Non-directional friction surfaces
- 100% computerized mill balancing.



CARBONTECH high-carbon discs have enhanced Molybdenum, Chromium, and Carbon content for increased thermal capacity and strength while reducing noise. CARBONTECH disc brake rotors are available for most European and specialty performance applications.

- Increased strength and heat dissipation.
- Improved noise dampening.
- Reduced brake fade.
- GG15 & ISO185/JL150 certified metallurgy.



PREMIUM BRAKE DRUMS

MAGMA Premium Brake Drums match OE specifications for fit and function. MAGMA uses state-of-the-art automated casting and machining processes, resulting in the most accurate brake drums available in the aftermarket.

- Matches OE design for form, fit, & function.
- Precision machined for an exact fit.
- High-grade cast iron.
- Efficient thermal energy transfer.
- Extended service life.
- Optimally prepared friction surfaces.
- Pre-installed bearing races.*



PREMIUM BRAKE SHOES

MAGMA Premium Brake Shoes match OE designs, providing superior performance and durability. MAGMA Premium Brake Shoes are precision radius ground for a perfect fit in the brake drum, maximizing the contact area and stopping power.

- Heat-bonded friction linings.
- Anti-corrosion web coating.
- Precision radius ground.
- Extended service life.
- OE-style pins and parking brake levers included.*
- Post-cured and scorched.
- Copper-free.



Why Choose MAGMA BRAKES?

We deliver the most robust replacement brake parts program in the automotive aftermarket.

In-house engineering and R&D.
Continuous product improvements.
In-house product validation.
Fully automated manufacturing facilities
Award-winning customer service and fill rate.
Combined direct import container programs.

Multiple brake friction formulas.
2025 compliant copper-free friction formulas.
100% dyno-tested brake pads.
OE design disc and drum castings.
GEOPRO protective coatings
CARBONTECH high-carbon alloys.

*where needed



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MAGMA is proud to support the automotive aftermarket and the advancement of brake technology, manufacturing, and testing through these organizations.



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ASSOCIATION

*aa*pex
ahead of the curve

FMSI®

awda
for the pursuit of excellence®

