AISIN

ONE OF THE LARGEST AFTERMARKET MANUFACTURERS IN THE WORLD

Product line-up 2025

AISIN Aftermarket



ENGINE RELATED



Cooling Fan Motor

The cooling fan is powered by the Cooling Fan Motor and plays a crucial role in dissipating the heat from the radiator to ensure stable and reliable engine operation, by regulating the cooling and keeping the engine within the manufacturer's designed operating temperature. When the car temperature rises to a certain level, it triggers a fan motor to drive the cooling fan system. It is vital to ensure that the fan system functions well as the cooling fan prevents engine overheating. The air-condition system will also have reduced cooling efficiency if more power is used to cool the engine.



V Belt

AISIN belt can meet the SAE standards and achieve the OE performance and durability with good Installation quality.

AISIN and OE has the same level of performance in the static ozone resistance test

In the contamination test, belt misalignment noise test and five pulley flexibility test, AISIN had better performance than OE

Ignition Coil



Aisin ignition coil boasts a wide coverage of vehicles, with >80% for Korean, European and USA makes, and >90% for Japanese makes.

Furthermore, Aisin ignition coil has higher electrical performance against competitors. This means higher voltage input and output, faster charging time, bigger load and power. Cleaner combustion also translates to fuel savings and cost savings for the user.

Its product lifespan is also superior. In a lifespan test using Japan spec in a high temperature chamber of 125 degrees Celsius, the AISIN ignition coil passed 500 hours before cracking, while competitor's equivalent averaged 240 hours.

Piston



"ART" pistons, a cutting-edge technology product, offers high mileage and output power for passenger cars, commercial cars, outboard engines, general-purpose engines, and race engines. The mission of "ART" is to gain high level of trust in the domestic and international piston markets through our one-step-ahead, cutting-edge technologies.

"ART" high quality pistons are a must have that are used in many engines today, performing critical functions, providing comfort, safety and exceeding tight requirements set by Original Equipment Manufacturers and prerequisite global environmental laws.

Water Pump



AISIN takes pride in being the No. 1 Water Pump supplier to Japanese automobile manufactures. Utilizing the experience and knowledge gained throughout the years of cooperation directly with automotive manufacturers, AISIN is able to employ a technological advantage in manufacturing and supplying the best in quality and the most durable of products. With this momentum, AISIN is increasing the development, manufacturing and supply for European and American automobile manufacturers.

AISIN Water Pumps provide optimal cooling without creating excess load to the engine. AISIN's advanced aluminium die-casting technology allows for size and weight reductions without sacrificing cooling performance. The highest quality materials are used, creating stronger body design and resistance to corrosion. Advanced technological design produces smooth coolant flow channels, efficient rotors, ball bearings, and carbon ceramic mechanical sealing for optimum cooling performance and longevity.



Oil Pump

AISIN is the No. 1 supplier of oil pumps in the world. All AISIN Oil Pumps are engineered in conjunction with automobile makers during the initial stages of new model vehicle development, years before they enter the market. Using the exact process of development and utilizing the same OE manufacturing plants for production, AISIN Aftermarket Oil Pumps exhibit the same quality, durability, performance, and reliability to that of the OE product.



Fan Clutch

The Fan Clutch is a vital cooling mechanism that provides fan speed control in proportion to engine RPM.

Optimal cooling performance is achieved through accurate air temperature monitoring without creating excess engine load.



Timing Chain Cover

Current trends for larger displacement engines employ the Module-Oriented design. The integration of timing chain cover, oil pump, and water pump as a single assembly allows for an easy, one step replacement.



Fan Blade

Engineered to exacting OE specifications, our fan blade makes cars lighter in weight and higher in performance through diversity of products for drive systems, engines, and vehicle bodies.



Fan Pulley Bracket

Certain vehicle applications utilize a fan bracket assembly to mount the fan clutch assembly onto the engine. The fan bracket should be replaced when necessary as the built-in bearing classifies the component as a wear item.



Oil Pump Rotor

All AISIN Oil Pumps are engineered in conjunction with automobile makers during the initial stages of new model vehicle development, years before they enter the market. Using the exact process of development and utilizing the same OE manufacturing plants for production, AISIN Aftermarket Oil Pumps exhibit the same quality, durability, performance, and reliability to that of the OE product.



Hydraulic Belt Tensioner

Developed by the AISIN OE Engineering division, AISIN Hydraulic Tensioners utilizes a unique hydraulic pressurizing mechanism that efficiently dampens timing belt vibrations while maintaining optimal belt tension throughout the RPM range.

DRIVETRAIN RELATED



Clutch Disc

Premium quality, heat resistant and less abrasive facings ensures.
Extended service life of clutch components.
AISIN's disc spring design enhances engagement and release performance.
Floating rubber cushions or twin-hub types ensure low twisting rigidity to reduce noise, vibration and harshness.



Clutch Cover

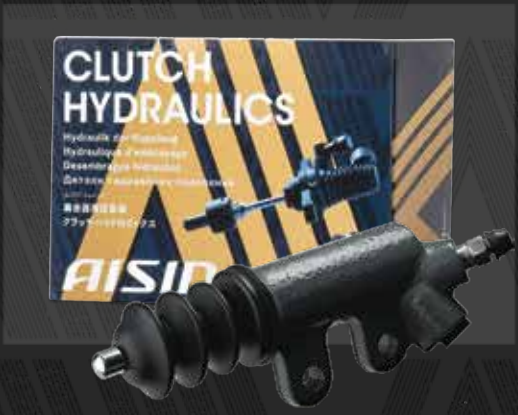
AISIN's "Hot Seating" process stabilizes performance of the diaphragm spring.
Diaphragm Spring Turnover (DST) type cover improves release of pressure plate.
Higher load capacity, achieved by the latest designs enables an increase in vehicle application.



Clutch Master Cylinder

AISIN's Original Equipment technology and know-how are applied to design and produce each vehicle specific part thereby ensuring superb product quality, performance and reliability.
AISIN Clutch Master Cylinder undergone rigorous durability test adhering to similar OE standards when hydraulics components are manufactured.

Clutch Release Cylinder



AISIN Clutch Release Cylinders are tested and known to last longer than others. It undergoes similar advance technology design and production process like all our hydraulic cylinders & using high-quality rubber seal to provide the following advantages & benefits:

- Anti-corrosion to the cylinder body and piston
- Improves the cylinder's durability against wear and tear
- Greater protection against leakage
- Higher saving in maintenance cost

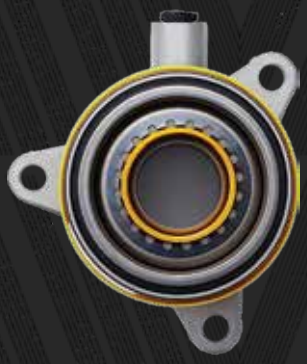
Aisin clutch cylinders are designed to react faster in response to the driver's clutch pedal inputs.

Free Wheel Hub



Engineered to exacting OE specifications, AISIN Free Wheel Hubs efficiently transfers and disconnects drivetrain power to part time 4 Wheel Drive applications. Compact in design and durable against the toughest terrain, AISIN Freewheel Hubs are manufactured to the highest standards and are always OE Matched.

Concentric Slave Cylinder



CSC has the function of clutch release cylinder and release bearing.

Benefit of CSC clutch system:
Decrease the force on pedal
Decrease stroke weight for disconnecting clutch
Avoid degradation of quality due to friction co efficient increase
Reducing the number of component (Merge component)

Motor Transfer Shift Actuator



Engineered to exacting OE specifications, AISIN Motor Transfer Shift Actuator alternates High-Low mode of the Transfer and Free-Lock mode of the Center Differential.

Features
With the build-in multiple switches, this device can detect and alternate the status of Transfer and Center
Differential. It has dual motors to respectively control and alternate High-Low mode of the Transfer and Free-Lock mode of the Center Differential.



Height Control Sensor

Engineered to exacting OE specifications, AISIN Height Control Sensor is a vital component of the HID Automatic Light Leveling Control System.

Features
It detects changes of pitching angle of the vehicle during driving enables the HID system to adjust the headlight
pitching angle accordingly to always aim at the targeted area.



Manual Transmission

Base on AISIN's original equipment technology and experience, AISIN Manual Transmission are designed for each vehicle. AISIN Manual Transmissions perfectly work as well as Genuine Transmissions.

Features
Evaluated best material and process for each component.
Gives best performance to vehicle power train system and extend its service life.

BRAKE RELATED

ADVICS



Brake Master Cylinder

Brake Master Cylinders by OEM (Original Equipment Manufacturer) standard are made from two kinds of material, including iron and aluminium. These parts are surface treated with alumite coating for hardness and anti-rust treatment. Moreover, we also have a roller burnish process inside of the body using advanced technology to make durable products with good performance.



Brake Wheel Cylinder

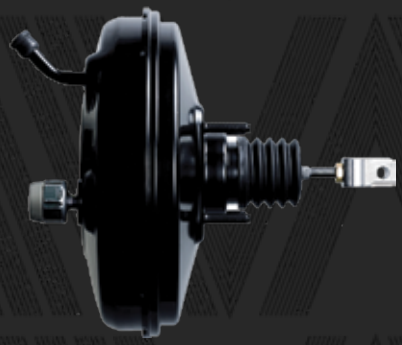
Brake Wheel Cylinders by OEM (Original Equipment Manufacturer) standard are made from high-quality materials and high-standard manufacturing processes. Product lifetime for ADVICS brake wheel cylinder over than 100,000 km and we also have coating, anti-rust treatment to increase
durability and strength.



Brake Shoe

ADVICS Brake Shoes are made particularly with high-quality materials and advanced technology in every manufacturing process to ensure products that perform well (consistent braking) with no noise, no judder, good ventilation and durability.

Brake Booster



Brake Boosters achieve high braking force in everyday and emergency braking situations. ADVICS's Brake Boosters are engineered to exact OEM (Original Equipment Manufacturer) specifications, delivering ideal air pressure to the brake master cylinder for a smooth braking action.

Brake Boosters by OEM (Original Equipment Manufacturer) standard are made from high-quality material and high-technology machinery. Moreover, we have professional engineers to control the quality and production processes to ensure production of high performance, durable products.

Brake Pads



ADVICS designs and produces brake pads for carmakers around the world. Our Original Equipment quality know-how & high standard features are well-recognized & preferred by leading car manufacturers.

ADVICS brake pad breakthrough the ceramic friction technology bringing the OE brake pad to the next level, resulting in superb stopping power and reliable & superior braking performance. Our premium quality brake pad has a optimum balance of comfortable driving feel & smooth braking performance that ensure very quiet braking. It is also ensure cleanliness in wheels, rotor-friendliness & exceptional stopping power over various driving terrains.

Brake Disc



Advics Brake Disc Rotors are produced with stringent quality control and production process that meets the OE quality standard. It is based on FC200 (JIS) grade specification, higher than the common FC150 standard of many OEMs. This means stronger tensile strength and greater durability against breakage.

Another unique feature of Advics Brake Discs is its excellent Disc Thickness Variation (DTV) Management, which results in smooth rotor surface, better durability and minimization of noise and judder. Its high carbon content also ensures optimal braking performance, increased heat tolerance, and reduced cracks. Equipping good brake discs also means less fuel consumption and cost/energy efficiency, not to mention it is better for the environment.

Other features include anti-rust oil, high coolability, light weight, corrosion resistance and good brake feel.



Caliper Piston

ADVICS Piston Calipers by OEM (Original Equipment Manufacturer) standard are made from high-quality steel with heat treatment and a coating process to increase strength and ensure wear resistance (hardness) characteristics. Moreover, anti-rust treatment protects the metal surface and extends product lifetime.



Seal Kit

ADVICS Seal Kits for brake calipers by OEM (Original Equipment Manufacturer) standard are made from high-quality materials and high-standard manufacturing processes in order to ensure a durable, high-performance product. A seal kit is one of the important components of a brake system as it prevents dirt from getting into the caliper piston and prevents judder/noise problems during brake operation.

LUBRICANTS



Engine Oil

AISIN has developed a series of superior performance synthetic-based engine oil products by VHVI synthetic base oil. This results in excellent soot handling and better oxidation stability, preventing the formation of sludge in the vehicle engines. In addition, AISIN engine oils products have been registered, certified and approved by American Petroleum Institute with their API Service Symbol logo on our products.

A one-stop automotive lubricant solution is an everyday reality for AISIN, with an extensive network of subsidiaries and affiliates around the world. Building on its technical competency in OE Auto parts manufacturing to automobile lubricants, AISIN develops superior formulated lubricant products with premium quality base oil which provides good stability under heat and pressure.



Automatic Transmission Fluid

AISIN ATF is formulated and designed to meet stringent requirements of all car maker specifications. In partnership with vehicle manufacturers, AISIN has developed astate-of-the-art range of AT fluids that maximizes performance and longevity of the vehicle AT system. This translates to cost and fuel savings.

For AISIN ATF, it offers that with additional benefits. Its excellent low-temperature flow and viscosity characteristics ensure smooth engaging even in severe winter weather conditions. Its optimally engineered fluid friction coefficient also results in swifter gear selection and reduces shift shock, for quality performance.



Gear Oil

Aisin Gear Oil has excellent anti-wear performance. With high quality base oil and additive, it provides good resisting gear wear and scuffing under sever condition. Its outstanding thermal and oxidation stability provides long oil service life by resisting oxidation and oil thickening. At the same time, it protects against corrosion of ferrous and non-ferrous components.

Gear oil is made specifically for transmissions, transfer cases, and differentials in automobiles, trucks, and other machinery. It is of a high viscosity and usually contains organosulfur compounds. Gear systems need to enable proper shift and change to keep the vehicle running smoothly.

Aisin Gear Oil offers high performance, multipurpose, thermally stability as an EP automotive gear lubricant. It meets, and even exceeds, US military specification MIL-L-2015D.



Long Life Coolant

When long life coolant is used beyond its intended life, it loses effectiveness. This can cause overheating, corrosion in the cooling systems, coolant leakage and radiator blockage. In cold regions, the coolant may freeze, causing engine damage.

Aisin Long Life Coolant helps in Corrosion Prevention, Protection from Overheating and Protection from Freezing

Aisin's Long Life Coolant is a non-amide type which is environmentally friendly and consists of antirust agent. Its additives are specially formulated to protect vital metallic parts found in engine cooling system such as water pump, oil cooler, cylinder block, cylinder head, radiator, thermostat, hose and aftercooler against corrosion and cavitation.

With its anti-rust performance , AISIN LLC is suitable for the Aluminium Water Pump and for all material used in cooling line of engine including Aluminium radiator. Aisin's high quality coolant is compatible with most good quality conventional coolants using Ethylene Glycol in the market.



Brake Fluid

AISIN Brake Fluid Fully Synthetic DOT-4 High Performance Brake Oil 100% Synthetic Premium Quality. It is the brake oil suitable for both imported and domestic cars and frequent performance braking systems such as cargo vehicles with heavy brakes in carrying. Stop or race car, high speed car. This is the brake oil produced for you. Choose AISIN Brake Fluid Fully Synthetic DOT-4 for confidence in every braking time.



4T Engine Oil

AISIN 4T Engine oil is specially designed for high performance motorcycles and scooter with the latest technology to protect your engine and offers the most fuel efficiency.
Premium performance, shear-stable, multi-grade gasoline engine oil specifically designed for use in four-storke motorcycles.



AISIN General Purpose Bearing Grease

Smooth, buttery texture, translucent, general purpose automotive and industrial with adhesive properties manufactured from lithium soap and containing an oxidation inhibitor.

TYPICAL APPLICATIONS
-Most automotive grease applications including wheel bearings, ball joints, universal joints and linkages.
-Industrial ball and roller bearing, plain bearing, niddle bearing.
- General industrial applications where EP characteristics are not needed.

OTHERS



AISIN Filter

AISIN Fuel Filters protect your Vehicle's Engine and Fuel Delivery System and keep them in peak operating condition by filtering out contaminants such as dirt, rust, scale and sediment from the fuel, while maintaining high fuel pressure required by modern engines.

Cabin Air Filters are an essential component of a vehicle's Heating, Ventilation and Air Conditioning (HVAC) system, as it prevents dust, dirt, pollen, bacteria, and exhaust gas from entering the cabin by filtering the air that enters the HVAC system. This ensures that only clean fresh air is delivered to the occupants in the cabin.

Aisin oil filter is proven to last longer than conventional oil filter. It is designed for both synthetic base and mineral base motor engine oil.

The key functional benefits are: * Strong filter capability to trap dirt up to 5 microns with filtering efficiency rating of 99.4% (ISO4548-12). * Large dirt holding capacity for longer usage. * High oil pressure durability for use even in vehicle running in the toughest driving condition. * Heat-resistant synthetic rubber anti-drain back valve, durable safety valve & corrosion resistant housing unit ensure clean engine oil prolonging engine life.



Automotive Battery

AISIN Automotive batteries are designed for Original Equipment passenger cars and commercial vehicles, providing high starting power and longevity. Using today's leading puncture-resistance separator technology, AISIN automotive batteries has improved standard battery lifespan by more than 25% and reduces short circuit probabilities by more than 50%.

Whether your car is OE equipped with start-stop functionality or has higher energy needs, AISIN full range of automotive batteries has the right battery for your vehicle.



CV Joint

AISIN CV joint with the Driveshaft, outer and inner joints is bench-marketing of OE parts and advanced R&D experimental equip-ment. The wide range of car appricatons reach 95% for most overseas regions to meet customer expectations. With AISIN unique packaging it is easily recognized.



Steering & Suspension

Aisin steering and suspension parts undergone rigorous performance testing and analysis that meet or exceed OE standard ensuring greater durability against wear and tear.

Each part is designed and engineered to enhance vehicle safety, longer tyre life and improve fuel efficiency.



Shock Absorber

Engineered for superior performance, Aisin Shock Absorbers are built to deliver exceptional ride comfort and precise handling in all driving conditions.

With advanced damping technology and OE-quality materials, they provide enhanced vehicle stability, reduce road vibrations, and ensure longer-lasting durability. Trust Aisin Shock Absorbers for a smoother, safer ride, and improved driving confidence, mile after mile.



Horn

Excellent Original Equipment Standards.

The Car Horns are constructed from premium-quality materials to provide you with durable usage.

These car horns are suitable for all cars and are extremely convenient to install. They are crafted from fine-quality materials to offer you reliable use.



Wiper Blade

Aisin Wiper Blades are developed and manufactured to meet the most stringent OEM requirements.

The core components are refined with 100% natural rubber. The nano-coating technology delays the aging of the rubber strip and minimizes friction between the windshield glass and the rubber. AISIN also employs electrostatic adsorption coating technology, which has a high corrosion resistance. This also means long service life, and cost savings in the long run.

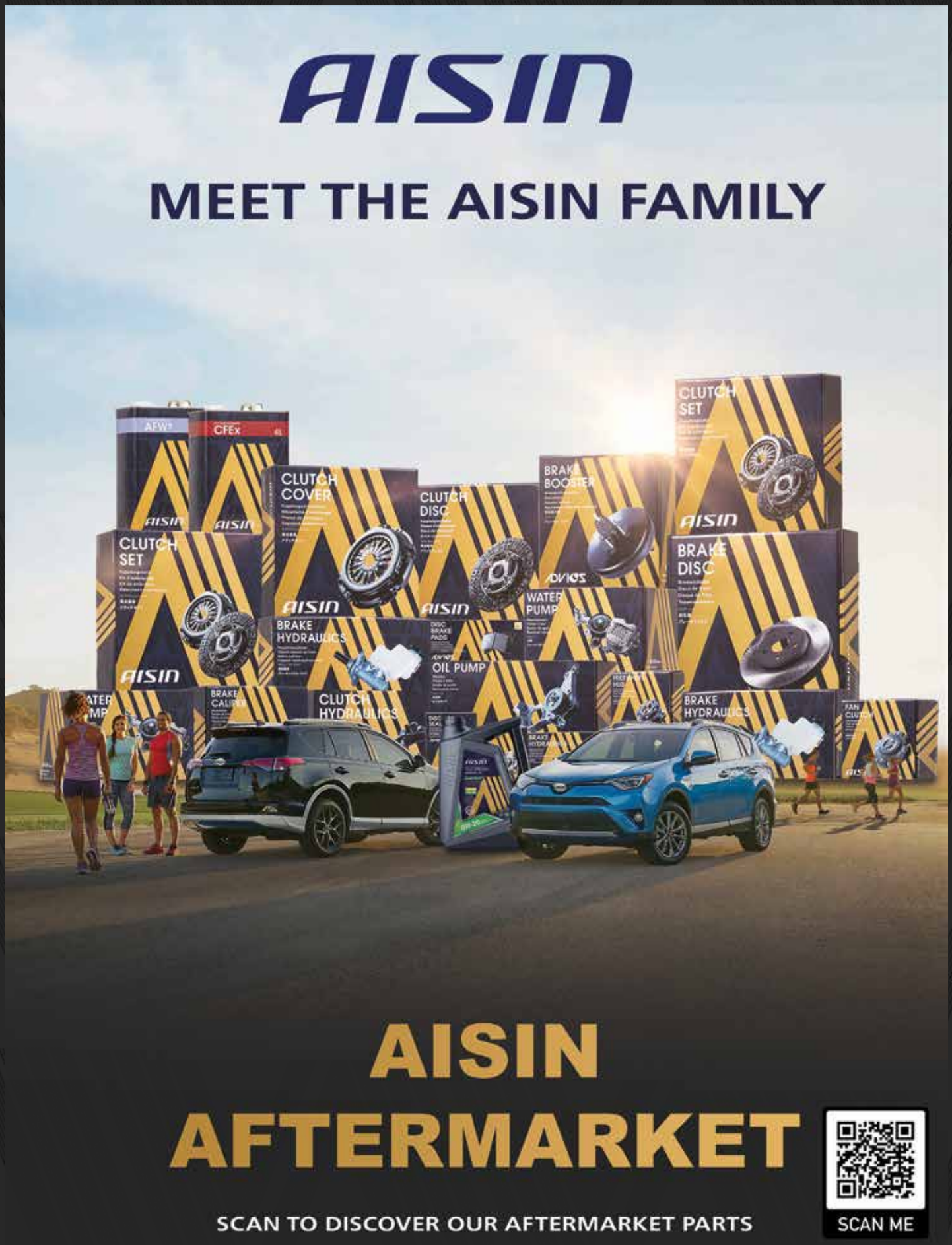
With the cutting-edge technology, AISIN offers the drivers with a safe, comfortable field of vision and guaranteeing a smoother, streak-free finish over thousands of driving miles, providing high cleanliness and stable performance.

Now available in 3 different styles to suit your needs, Aisin Wiper Blades is well-poised to provide a one-stop windscreen wiping solution.



Car Care

People with cars love their cars and want their cars to look new all the time. Therefore, do not forget to take care of your car with quality products from AISIN, a professional helper. That will take care of your car to shine like new, both outside and inside. You can easily do it yourself at home without having to go into car care.


AISIN
MEET THE AISIN FAMILY
CLUTCH SET
CLUTCH COVER
CLUTCH DISC
BRAKE BOOSTER
BRAKE DISC
WATER PUMP
BRAKE HYDRAULICS
OIL PUMP
CLUTCH HYDRAULICS
AISIN
AISIN AFTERMARKET
SCAN TO DISCOVER OUR AFTERMARKET PARTS
SCAN ME


AISIN
THE ULTIMATE PROTECTOR
AISIN
FULLY SYNTHETIC
MOTOR OIL
AFW+
4L
AISIN
LUBRICANTS
SCAN TO DISCOVER OUR AUTOMOTIVE LUBRICANTS
SCAN ME

AISIN



'You've been using our products for years…
You just didn't know it … AISIN'

AISIN ASIA MIDDLE EAST & AFRICA

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