

Symbol of Quality & Performance



www.kyotojap.com

Kyoto Japan Tire Group

**A JAPANESE-SWISS GROUP OF COMPANIES WITHIN THE KTC GROUP;
SPECIALIZED IN DESIGN, MANUFACTURE AND DISTRIBUTION OF A WIDE RANGE
OF HIGH-QUALITY AUTOMOTIVE PRODUCTS UNDER THE EXCLUSIVE AND REGISTERED
BRAND OF "KYOTO JAPAN" THROUGHOUT THE WORLD.**

The group has developed its international organization based on regional sales teams and has a network of Official Distributors & local clients throughout the world. Kyoto Japan devotes its talents and cutting-edge manufacturing technology to create a superior family of products, while providing international Warranty & After-Sales-Services from its European base in Switzerland.

Kyoto Japan is a "One-Stop Shop" offering Quick Service Centre Concept and the following 10 families of Automotive & related products:

Quick Service Centre Concept

Quick Service Centre is a novel concept offered on "Franchise Basis" by Kyoto Japan Tire Group.

One-Stop-Shop

1) Radial Tires

Kyoto Japan produces a wide range of radial, semi-radial and bias tires, carrying the EU label, comprising the European standards of REACH and Clean Oil with optimum levels of Wet Grip, Rolling Resistance and Sound Emission.

- Truck & Bus Radial Tires (TBR)
- Light Truck Tires (LTR)
- Passenger Car Tires (PCR)
- Ultra High-Performance Tires (UHP)
- 4x4 & SUV Tires
- All Season Tires (A/S)
- All Terrain Tires (A/T)
- Mud Terrain Tires (M/T)
- Winter Tires (WTR)
- Off-the-Road Construction Tires (OTR)
- Giant Mining (GOTR & MIN) Tires
- Agricultural Tires (AGR)
- Industrial Tires (IND)
- Motorcycle Tires (MCT)
- Butyl Rubber Tubes & Flaps
- Steel & Alloy Wheels



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2) Automotive AGM & MF Batteries

A range of Sealed, Maintenance-Free AGM, Starter & Dry-Charge batteries made in Italy according to highest international standards for European, American & Asian cars, trucks & buses

- AGM Start-Stop Car series
- EFB Start-Stop Car Series
- DIN Power Car Series
- DIN Energy Car Series
- JIS Asian Car Series
- Heavy Duty Truck Series
- Dry-Charge Series
- Garden Series (Dry & Wet-Charged)
- Motorcycle Series (Sealed AGM & Gel; Dry & Wet-Charged)
- UPS Series
- Industrial & Lift Truck Series
- Marine Series
- NATO Series

3) Lubricants & Technical Greases

A wide range of Synthetic, Semi-Synthetic and Mineral Automotive Lubricants & Technical Greases made in the EU, targeting a wide range of applications, having highest European and International standards and specifications.

Lubricants made in the EU

- Passenger Car Motor Oils
- Motorcycle & Small Engine Oils
- Brake Fluid
- Gear Oils & Transmission Fluids
- Heavy Duty Engine Oils
- Agricultural Oils
- Industrial Oils
- Hydraulic Oils
- Antifreeze
- Windscreen Washer

Technical, Professional & Industrial Greases made in the EU

- Spray Grease
- All-Purpose Grease
- Extreme pressure Grease
- Lithium Greases
- Molybdenum Greases
- Synthetic Greases
- Mineral Greases
- Calcium Greases
- High-Temperature
- Low-Temperature
- Water Resistant
- Ceramic Anti-Seize
- Copper Anti-Seize
- Graphite Anti-Seize
- Aluminium Anti-Seize

Marine & Stationary Heavy Duty Engine Oils





KYOTO
JAPAN
AUTO PARTS

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KYOTO
JAPAN
ORIGINAL AUTO PARTS

CLUTCH DISK

Symbol of Quality & Performance

SHOCK ABSORBER

Symbol of Quality & Performance

KYOTO
JAPAN
ORIGINAL AUTO PARTS

CLUTCH SET

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CLUTCH SET

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ORIGINAL AUTO PARTS

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4)- Additives & Car Care Products

A family of Automotive & Industrial Additives, Car Care Products, Adhesives & Sealants made in Germany Additives

Professional Additives

- Fuel System Treatments (Petrol, Diesel & LPG)
- Engine & Oil System Treatments
- Air Intake Treatments
- Exhaust system Treatments
- Radiator & Cooling System Treatments
- Power Steering & Gearbox Treatments
- Car Body Treatments
- Air-conditioning System Treatments
- Nano-Technology Products

Car Care Products

- Antifreeze
- Windscreen Washer
- Defroster
- Car Air Freshener
- Tire & Rubber Cleaner
- Wheel Cleaner
- Brake Pad Cleaner
- Engine Cleaner
- Hand Cleaner
- Carpet & Upholstery Cleaner
- Colourless Leather Spray
- Interior Cleaner
- Glass Cleaner
- Anti Fog Spray
- Active Foam
- Bug & Tar Remover
- Carnauba Wax
- General Purpose Grease

- Silicone Spray
- Rubber Silicone Renew
- Lock Oil
- Multipurpose Lubricant
- Hybrid Ceramic Coating
- Scratch Remover
- Rust remover
- Stainless Steel Care
- Nano Finisher

Adhesives & Sealants

- UV Super Bond
- Super Glue
- Epoxy Double Glue

ECO-Fuel Treatments

Industrial, Vegetal, ECO-Fuel Treatments for following applications:

- Marine
- Power Generation
- Tank Farms
- Industrial & Mining
- Transport & Leisure

5)- Replacement Auto & Truck Parts

A family of Replacement Automotive Parts for the After-Market, made in Europe, Taiwan, Korea & China.

Transmission & Wheel Drive

- Clutch Sets
- Clutch Discs
- C.V Joints (Inner & Outer)
- Drive Shafts
- Wheel Bearing & Hub Assembly
- Hub Bearing
- Oil Seals

Suspension & Steering

- Steering & Suspension Parts (Control Arms, Ball Joints, Tie Rod Ends, Drop Links, Bushes, Cross Rod, Rack Ends, Pit Arms, Idler Arms)
- Shock Absorbers (Mono & Twin-Tube)
- Shock Absorbers (Strut & Spring Assembly)
- Suspension Coil Springs
- Gas Springs

Brake System

- Brake Pads & Shoes, Front & Back
- Brake Discs & Drums

Engine Components

- Spark Plugs (Iridium, Platinum, Copper)
- Ignition System & Cable Sets
- Glow Plugs
- Belts
- Timing Chain Kits
- Timing Belt Kits
- Tensioners & Pulleys
- Oil, Fuel, Cabin & Air Filters
- Gaskets
- Engine Parts (Pistons, Rings, Valves, Crankshaft)
- Radiators
- Thermostats & Caps
- Power Steering Pumps
- Water, Oil & Fuel Pumps
- Sensors
- Control Cables (Speedometer, Accelerator, Choke, Bonnet)



Cables

- Brake Cables
- Clutch Cables
- Speedometer Cables
- Accelerator Cables
- Hood Cables

Hoses, Assemblies & Fittings

- Brake Hose & Assembly
- Airconditioning Hose & Assembly
- High Pressure Power Steering Hose Assembly
- Low Pressure Power Steering Return Hose Assembly
- Fuel Hose & Fittings
- Wire Reinforced Hydraulic Hose & Fittings
- Radiator Hose
- Oil Cooler Hose
- Radiator Hose

Electrical Parts

- Starters
- Alternators
- Engine Electric System
- Electric Wire Harness
- Lighting & Auto Bulbs (Standard, Xenon, LED, Crystal)

Airconditioning System & Climate Control

- AC Compressors
- AC Evaporators
- AC Condensers
- Airconditioning Gases R134a & 1234yf

Other Components

- Wipers, Blades & Kits
- Car Maintenance Chemicals
- Car Body Parts & Side Mirrors

6) Drive, Transmission & Hydraulics Systems

- Hydraulic Hose Assemblies
- Agricultural Belts
- Drive Belts
- Agricultural Chains & Links
- Industrial Chains & Links
- Sprockets
- Gears & Shafts
- Agricultural Hoses
- Irrigation Hoses
- Industrial Hoses
- Mining Hoses
- Oil & Gas Hoses
- Conveyor Belts

7) Precision Ball & Roller Bearings

Automotive & Industrial Precision Ball & Roller Bearings made in Europe & China.

- Ball Bearings
- Deep Groove Ball Bearings
- Self-Aligning Ball Bearings
- Cylindrical Roller Bearings
- Spherical Roller Bearings
- Needle Roller Bearings
- Angular Contact Bearings
- Taper Roller Bearings
- Thrust Ball Bearings
- Thrust Roller Bearings
- Hub Unit Bearings
- Pump Bearings
- Clutch Bearings
- Precision Bearings
- Balls and Rollers
- Insert Bearings
- Pillow Block Bearings
- Flange Bearings

8) Air-Conditioning & Refrigeration Gases:

- 1234yf (Co-developed by DuPont and Honeywell)
- R-134a
- R-404a
- R-407c
- R-410a
- R-422D
- R-437a
- R-507a
- R-22
- R-32

9) Consumer Alkaline & Rechargeable Batteries

Sizes: AA, AAA, C, D, 9V, CR2032, CR2025, CR2016

- Super Alkaline Batteries
- Ultra Digital Alkaline Batteries
- Carbon Zinc Batteries
- Rechargeable Batteries
- Button Cell Batteries

10) Smart Connected LED Lighting & Spotlights

Kyoto Japan supplies the following families of advanced lighting:

- Smart Connected Bulbs & Systems
- Incandescent Light Bulbs & Lamps
- Halogen Eco Light Bulbs & Lamps
- Compact & Tube Fluorescent Light Bulbs
- LED Light Bulbs, Lamps & Strips
- Flood Lights
- Outdoor Lights
- Accessories & Fixtures



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Kyoto Japan Quick Service Centres

**QUICK SERVICE CENTRE IS A NOVEL CONCEPT OFFERED ON "FRANCHISE BASIS"
BY KYOTO JAPAN TIRE GROUP IN DIFFERENT MARKETS, UNDER THE SUPERVISION OF THE
LOCAL KYOTO JAPAN OFFICIAL DISTRIBUTOR.**

The concept allows the official distributor; or an investor or entrepreneur; to finance and develop a chain of such Quick Centres in specific region(s) in their market. It also provides an opportunity for an existing workshop or groups of

workshops to modernize their facilities to enhance their operations and to increase their profitability. The stylish unique architectural design of Kyoto Japan Quick Service Centres; created by renowned European architects; differentiates them

from competitor workshops. Each Quick Service Centre has a modern showroom with reception with a retail section, a comfortable and stylish waiting area with all amenities on the mezzanine, reached by a modern curved staircase. The client



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waiting for service can relax in the lounge area on the mezzanine while viewing the service on their car in the service bays across full height glass partition.

Quick Service Centres are modular and are ideally located in high traffic zones that offer good visibility with adequate customer parking with minimum 3 service bays. Kyoto Japan Quick Service Centres provide warranty and offer a range

of quick replacement services for all vehicles; using Kyoto Japan original parts; namely: Changing Tires, Batteries, Brake Pads & Discs, Clutch, Lubricants, Adding Oil, Fuel & Coolant Additives, Oil, Fuel, Air & Cabin Filters, Belts & Timing Belt/Chain, Spark Plugs, Lights, Wipers, Hoses, Adding Defrost Fluid, Adding Windscreen Washer, Car Wash, Cleaning & Polishing of the vehicle.

Kyoto Japan will provide its high-quality parts and technical support for all services and all makes of vehicles and will provide consultancy on the selection of tooling and equipment. A training programme ensures that all technicians and staffs observe strict code of conduct and professional service. The franchisee would be obliged to comply with Kyoto Japan's Corporate Identity Standards.



Kyoto Japan Radial Passenger Car, UHP, HP, 4x4, SUV & LTR (Semi-Steel) Tires

KYOTO JAPAN PRODUCES A WIDE RANGE OF TIRES WITH HIGHEST EUROPEAN STANDARDS OF ROAD SAFETY; EMPLOYING REACH AND CLEAN OIL TECHNOLOGIES (EU LABEL) WITH OPTIMUM LEVELS OF WET GRIP, ROLLING RESISTANCE AND SOUND EMISSION; IN FOLLOWING FAMILIES:

Kyoto Japan's "Semi-Steel" tire family include Passenger Car (PCR), Ultra-High-Speed (UHP), 4X4, Sports & Utility (SUV) and Light Truck (LTR) Tires. Such tires are produced under strict Kyoto Japan quality control and testing procedures in different sizes (13" to 24"), in different patterns for On-Road and Off-Road applications for driving in Summer & Winter.

Kyoto Japan tires meet all primary considerations for selecting a tire; namely:

- Driver & Passenger Safety
- Comfort & Handling
- Short Braking Distance
- Traction & Performance
- Noise Level
- Fuel Economy
- Affordability
- Truck & Bus Radial Tires (TBR)
- Light Truck Tires (LTR)
- Passenger Car Tires (PCR)
- Ultra High-Performance Tires (UHP)
- 4x4 & SUV Tires

- All Season Tires (A/S)
- All Terrain Tires (A/T)
- Mud Terrain Tires (M/T)
- Winter Tires (WTR)
- Off-the-Road Construction (OTR)
- Giant Mining (GOTR & MIN) Tires
- Agricultural Tires (AGR)
- Industrial Tires (IND)
- Motorcycle Tires (MCT)
- Butyl Rubber Tubes & Flaps
- Steel & Alloy Wheels

All-Steel Radial Tires

All-Steel Radial Tires are used for heavy-duty applications and comprise Truck and Bus Radial Tires (TBR) as well as Off-The-Road (OTR) and Giant Radial & Mining Tires (GOTR & MIN).

Semi-Steel Radial Tires

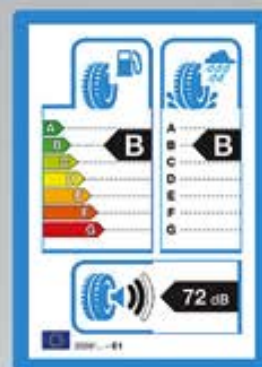
Semi-Steel Radial Tires comprise a range of small to medium tires, including Passenger Car Summer & Winter Tires. In such tires, the reinforcement is a combination of steel wire (on tire crown portion as steel belt) and nylon/polyester fabric (in the carcass).

Bias Tires

Bias tires are based on the old technologies of using only nylon cord as reinforcement while utilizing more rubber compound and they are primarily used in less developed countries in South America, Middle East, Indian subcontinent, Africa, China and certain other countries in S.E. Asia. Bias tires are heavier in weight than

corresponding radial tires, which use steel wire reinforcement with lighter carcasses.

Kyoto Japan Reach Conformity Label for European Range of Tires



The EU legislation provides guidelines for:

Fuel efficiency

The energy lost when a Tire is rolling is expressed as "rolling resistance". Lower rolling resistance reduces fuel consumption and CO2 emissions. A is the highest performance Tire. G is currently the least performing.

Wet grip

Provides you with information on the Tire's grip on wet roads. Tires with excellent grip have shorter braking distances on wet roads. A indicates the highest wet grip performance. G indicates the lowest wet grip performance.

A Family of
**Radial Passenger
Car, UHP, HP, 4x4,
SUV, LTR
& Motorcycle
Tires**



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Highest European Standards of Road Safety



Noise levels

The tire's exterior noise grading is expressed in decibels. One black wave indicates the best noise level – at least 3dB below the future legal limit.

New Trends in Tire Design

The current trend in tire design is towards All-Season, Low Profile, Ultra High Performance, Lightweight, Tubeless tires with attractive directional pattern design.

The 55 & 50 series are widely used for saloon cars, while 40, 35, & 30 series are becoming increasingly popular. Similarly, Run-Flat tires are increasingly used as first mount on latest vehicles. Eco-Friendly tires with reduced fuel consumption will have great potential in the future.

Traditional tires can wear out up to 30% faster on electric vehicles due to high torque. New compounds are being developed for Hybrid & Electric Car applications.



Motorcycle Tires

Kyoto Japan produces a selected range of radial and cross-ply tires for use around the city, on & off road and for sports for all kinds of 2 & 3-wheel motorcycles, scooters & mopeds.



Kyoto Japan Radial Truck & Bus (TBR) Tires – (All Steel)

KYOTO JAPAN HAS SUCCESSFULLY DEVELOPED A FAMILY OF RADIAL TBR, LTR, 4X4 & SUV, UHP, PCR SUMMER & WINTER, ALL-SEASON, ALL-TERRAIN & MUD-TERRAIN TIRES FOR THE EUROPEAN & INTERNATIONAL MARKETS. THE EU LEGISLATION PROVIDES GUIDELINES FOR:

Fuel efficiency

The energy lost when a Tire is rolling is expressed as "rolling resistance". Lower rolling resistance reduces fuel consumption and CO2 emissions.

A is the highest performance Tire. G is currently the least performing.

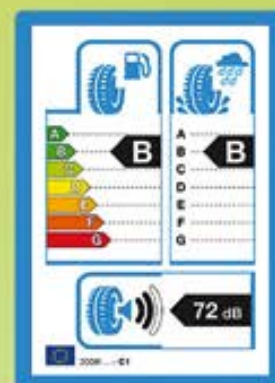
Wet grip

Provides you with information on the Tire's grip on wet roads.

Tires with excellent grip in the wet have shorter braking distances on wet roads. A indicates the highest wet grip performance. G indicates the lowest wet grip performance.

Noise levels

The tire's exterior noise grading is expressed in decibels. One black wave indicates the best noise level – at least 3dB below the future legal limit.



Kyoto Japan TBR Sidewall Markings

1. Brand Name
2. Pattern Code
3. Tire Size Marking
4. Safety Warning
5. Tire Type (Tube or Tubeless)
6. Tire Construction Information (Radial/Nylon)
7. Origin
8. DOT Indicating and E-mark
9. Production Code
10. Series Name

A Family of
Truck & Bus &
Light-Truck,
Radial & Bias
Tires, Tubes &
Wheels



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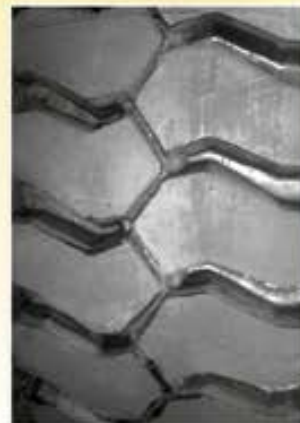
APPLICATION	EUROPEAN PROGRAMME				INTERNATIONAL TBR PROGRAMME			
	STEER 	DRIVE 	TRAILER 	ALL POSITION 	STEER 	DRIVE 	TRAILER 	ALL POSITION 
Long Haul	K0437 K0454 K0469	K0408 K0410 K0444 K0415	K0413 K0415 K0421 K0423 K0437 K0454	K0407 K0412	K0400 K0405 K0406 K0409 K0429 K0417 K0431 K0437 K0454 K0465 K0469	K0408 K0410 K0415 K0422 K0436 K0439 K0444	K0400 K0405 K0406 K0409 K0413 K0415 K0417 K0421 K0423 K0429 K0431 K0437 K0454 K0465 K0469	K0407 K0412 K0459
Regional / Urban		K0420 K0434 K0453		K0403 K0414 K0427		K0420 K0434 K0453 K0452 K0453 K0491		K0402 K0403 K0414 K0427 K0457 K0468
Mining / Off Road								K0402 K0404 K0424 K0458 K0483
Winter	K0407	K0490W K0408	K0437		K0407	K0490W K0408	K0437	



Kyoto Japan Giant Mining (GOTR) Tires

GIANT MINING TIRES (31" TO 63") ARE WIDELY USED ON VARIOUS ULTRA-LARGE DUMP TRUCKS AND EARTH-MOVING MACHINERY AT INTERNATIONAL MINING SITES. MAJOR APPLICATIONS HAVE BEEN IN COPPER, IRON ORE AND COAL MINES WHILE ALSO EXTENSIVELY USED IN DIAMOND, GOLD, NICKEL & PHOSPHOROUS MINES IN AUSTRALIA, CHINA, MONGOLIA, RUSSIA, CHILE & OTHER COUNTRIES.

A Family of
**Giant Radial
& Bias Mining
(GOTR) Tires**

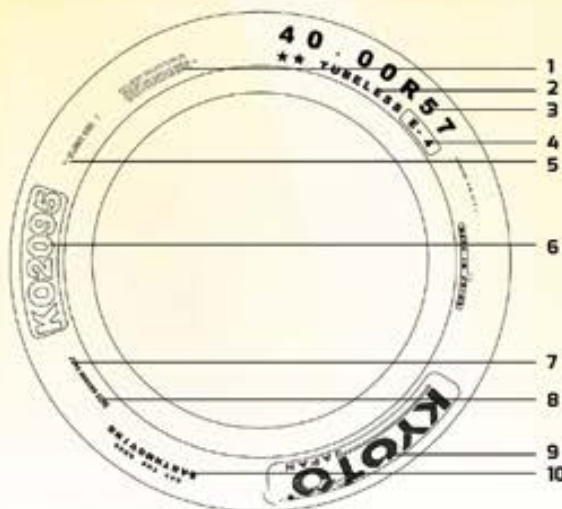




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Kyoto Japan Giant Radial OTR Tire Specifications

Size	Kyoto Japan Pattern	Ply Rating	Standard Rim	Tread Pattern	New tire dimension (MM)			Weight (Kgs)	Load Capacity (kg)	Inflation Pressure (Kpa)	TKPH			Container Load (PCS)
					Section Width	Overall Diameter	Pattern Depth				AVG	Min	Max	
27.00R49	KO2088	**	19.50/4.0	E-4	740	2690	72	1450	27250	650	524	480	567	12
30.00R51	KO2089	**	22.00/4.5	E-4	851	2878	75	1750	33500	650	590	536	643	6
33.00R51	KO2089	**	24.00/5.0	E-4	920	3030	78	2120	38750	650	682	620	744	6
36.00R51	KO2089	**	26.00/5.0	E-4	990	3194	84	2535	46250	650	814	740	888	6
37.00R57	KO2088	**	27.00/5.0	E-4	1050	3440	93	3150	53000	725	933	848	1018	6
40.00R57	KO2090	**	29.00/6.0	E-4	1130	3560	93	3750	60000	725	1059	966	1152	6
	KO2095		29.00/6.0	E-4	1130	3560	87	3600	60000	725	1120	1022	1212	6
	KO2091		29.00/6.0	E-4	1130	3560	78	3600	60000	725	1185	1086	1272	6
46/90R57	KO2095	**	32.00/6.0	E-4	1145	3580	86	3750	63000	700	1210	1115	1450	6
50/80R57	KO2095	**	34.00/5.0	E-4	1265	3610	86	3850	73000	600	1350	1210	1480	3
53/80R63		**	36.00/5.0	E-4	1276	3795	85	3850	82500	600	***	***	***	
55/80R63		**	41.00/5.0	E-4	1340	3905	85	3850	92500	600	***	***	***	
58/80R63		**	41.00/5.0	E-4	1410	4015	85	3850	95000	600	***	***	***	
59/80R63		**	44.00/5.0	E-4	1435	4045	85	3850	100000	600	***	***	***	



The following information is normally shown on Giant mining Tires:

1. Safety Warning
2. Tire Type (Tube or Tubeless)
3. The Tire Size Marking
4. E-4: Tra Code
5. Structure
6. Pattern Code
7. Date
8. DOT Indication
9. Brand Name
10. Series Name



Kyoto Japan Off-The-Road (OTR) Tires

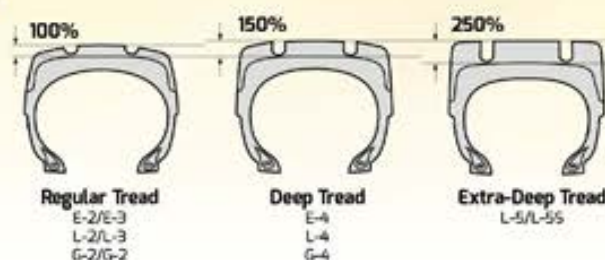
KYOTO JAPAN SUPPLIES A WIDE RANGE OF RADIAL & BIAS OFF-THE-ROAD TIRES FOR VARIOUS CONSTRUCTION, AGRICULTURAL & INDUSTRIAL APPLICATIONS.

Construction Off-the-Road (OTR) Tires

Off-the-road tires provide support for various machinery used in civil engineering applications including earth-moving machinery and road construction sites.



A Family of
Off-the-Road
Construction
OTR Tires,
Agricultural
& Industrial
Tires



29.5R29	E4	★★
	E3/L3	★★
	L5	★★
29.5R25	E4	★★
	E3/L3	★★
	E3/L3	★★
	E4/L4	★★
26.5R25	L5	★★
	E3/L3	★★
	E3/L3	★★
	E3/L3	★★
23.5R25	L5	★★
	E3/L3	★★
	E3/L3	★★
20.5R25	E3/L3	★★
	E3/L3	★★
18.00R25	E2	★★★
	IND-4	★★★
17.5R25	E3/L3	★★
	L-5S	★★
	E3/L3	★★
16.00R25	E2	★★★
	E2	★★★
16.00R24	G2	★★
14.00R24	E3	★★★
	IND-5	★★★
12.00R24	G2	★★
	Off-Road	★★
14.00R20	Desert	
	Off-Road	20
	E3/L3	20

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Kyoto Japan Agricultural (AGR) Tires

Type/Service	Vehicle
Earthmover	 Right dump trucks
	 Articulated dump trucks
	 Coal haulers
	 Scrapers
	 Off road trucks
Grader	 Graders
Loader and Dozer	 Loaders, Bulldozers
	 LHDs
Compactor	 Tire-rollers
Logging	 Log-skidders
Mobile Crane	 All-Terrain Cranes
Industrial	 Handling & Towing Equipments



Agricultural (AGR) Tires

Kyoto Japan Radial & Bias Agricultural Tires are well known for their strength in tough farming applications and soil conditions providing increased load capacity, reduced fuel and lower compaction.

The family of Agricultural tires include the following:

- Agricultural Tires
- Flotation Tires

- Forestry Tires
- Garden Tires
- Harvest Tires
- Implement Tires
- Irrigation Tires
- Sprayer Tires
- Tractor Tires
- Rubber Tracks
- Agricultural Wheels
- Implements & Accessories

Kyoto Japan Industrial (IND) Tires

Industrial (IND) Tires

Kyoto Japan produces a full range of industrial tires and wheels for meeting all demands in material handling for ground support equipment and ports applications.

The family of Industrial tires include the following:

- Solid Resilient Forklift Tires
- Solid Press-On Forklift Tires
- Pneumatic Forklift Tires
- Polyurethane Forklift Tires



Kyoto Japan Maintenance-Free Batteries



A Family of
**Premium High
Performance AGM,
EFB, DIN, JIS Starter,
Car, Bus, Heavy Duty
Truck, Garden,
Motorcycle,
Marine & Other
Batteries.**



**MADE IN
ITALY**

Symbol of Quality & Performance

Car, Truck, Garden & Other Batteries Made in Italy

Kyoto Japan produces a range of Sealed Maintenance-Free AGM & Starter Batteries in Italy according to highest international standards for European, American and Asian cars, trucks & buses.

- Cast-Grid Technology for AGM batteries
- Expanded Grid-Technology for cars
- Cast-Grid Technology for trucks & buses



Kyoto Japan's range of Maintenance-Free Batteries made in Italy comprise the following:

- AGM Start-Stop Car series
- EFB Start-Stop Car series
- DIN Power Car Series
- DIN Energy Car Series
- JIS Asian Car Series
- Heavy Duty Truck Series
- Dry-Charge Series
- Garden Series (Dry & Wet-Charged)
- Industrial & Lift Truck Series
- Marine Series
- NATO Series



Motorcycle Batteries

Kyoto Japan produces a range of popular Motorcycle batteries including Standard Wet-Charged & Dry-Charged, VRLA, AGM, Gel, Lithium and Li-Ion. Kyoto Japan also offers PowerTec Motorcycle Batteries in the European markets.



Kyoto Japan Professional Lubricants & Technical Greases

Professional Lubricants

Kyoto Japan produces a wide range of Synthetic, Semi-Synthetic & Mineral Lubricants in the European Union (EU) based on highest European and International standards and specifications covering the following families of products:

- Passenger Car Motor Oils
- Motorcycle & Small Engine Oils
- Brake Fluid
- Gear Oils & Transmission Fluids
- Heavy Duty Engine Oils
- Agricultural Oils
- Industrial Oils
- Hydraulic Oils
- Antifreeze
- Windscreen Washer

Technical, Professional & Industrial Greases

Kyoto Japan produces a family of advanced high-performance greases covering the following families of products made in the European Union (EU):

- Spray Grease
- All-Purpose Grease
- Extreme pressure Grease
- Lithium Greases
- Molybdenum Greases
- Synthetic Greases
- Mineral Greases
- Calcium Greases
- High-Temperature
- Low-Temperature
- Water Resistant

- Ceramic Anti-Seize
- Copper Anti-Seize
- Graphite Anti-Seize
- Aluminium Anti-Seize

Marine & Stationary Heavy Duty Engine Oils

Kyoto Japan offers a very wide product range of high-performance lubricants in the field of large engines; which offer substantial economic benefits. Kyoto Japan Marine and Powerplant lubricants are formulated on high quality base oils and additives made in Germany.

A Family of
**Professional
European
Lubricants
& Industrial
Greases**



**MADE IN
THE E.U.**



Symbol of Quality & Performance



Kyoto Japan Professional Additives, Car Care Products & Adhesives

Professional Additives

Kyoto Japan produces a family of Automotive & Industrial Additives made in Germany:

- Fuel System Treatments (Petrol, Diesel & LPG)
- Engine & Oil System Treatments
- Air Intake Treatments
- Exhaust system Treatments
- Radiator & Cooling System Treatments
- Power Steering & Gearbox Treatments
- Car Body Treatments
- Air-conditioning System Treatments
- Nano-Technology Products

Car Care Products

Kyoto Japan produces a range of Car Care Products made in Germany, including, but not limited to the following:

- Antifreeze
- Windscreen Washer
- Defroster
- Car Air Freshener

- Tire & Rubber Cleaner
- Wheel Cleaner
- Brake Pad Cleaner
- Engine Cleaner
- Hand Cleaner
- Carpet & Upholstery Cleaner
- Colourless Leather Spray
- Interior Cleaner
- Glass Cleaner
- Anti Fog Spray
- Active Foam
- Bug & Tar Remover
- Carnauba Wax
- General Purpose Grease

- Silicone Spray
- Rubber Silicone Renew
- Lock Oil
- Multipurpose Lubricant
- Hybrid Ceramic Coating
- Scratch Remover
- Rust remover
- Stainless Steel Care
- Nano Finisher



Adhesives & Sealants

Kyoto Japan offers its latest technology Super Bond adhesive activated by ultra violet light for quick setting; as well as more traditional super glues and epoxy glues for consumer applications:

- UV Super Bond
- Super Glue
- Epoxy Double Glue

A Family of
**Professional
European
Additives, Car
Care Products
& Eco-Fuel
Treatment
Solutions.**



**MADE IN
GERMANY**

Symbol of Quality & Performance

Kyoto Japan Eco-Fuel Treatment solutions

A SUCCESSFUL COLLABORATION BASED ON NEW FORMULATION OF ECO-FUEL TREATMENT SOLUTIONS BETWEEN KYOTO JAPAN TIRE GROUP AND R&D CENTRES IN SWITZERLAND, SINGAPORE & CANADA FOR SELECTED INTERNATIONAL MARKETS FOR MARINE, POWER GENERATION, INDUSTRIAL & TRANSPORT APPLICATIONS.

Kyoto Japan Eco-fuel oil additives are vegetal products and have been designed specially to overcome the fuel problems related to Cap2020 legislations.

They are the new technology of the fuel additives, which are extremely concentrated (either 1 litre per 20 Tons of HFO or 1 litre per 30 Tons of gasoline or diesel). Kyoto Japan Eco-fuel oil additives are ash-

less, 100 % organic, self dispersing, metal free, non-hazardous, non-dangerous products, with a flash point of 163°C and environmental friendly.

They have only a physical effect on the fuel and improve fuel operations before, during and after combustion. The major engine builders do not object the use of these additives in their engines.

Industrial Vegetal ECO-Fuel Treatments for following applications:

- Marine
- Power Generation
- Tank Farms
- Industrial & Mining
- Transport & Leisure
- More Power, Lower Costs, Reduced Emissions

KJF-ECO-2060X FT	100% vegetal-organic, ashless and metal-free special formulation Fuel Treatment Additive with reduced concentration surfactant/dispersant for use in any kind of residual or distillate fuels. 1L to 20/30.000L	1L & 5L Cans, 20L Pail 60L & 200L Drums	Marine	Power Generation	Industrial & Mining
KJF-ECO-2055 FT	100% vegetal-organic, ashless and metal-free Fuel Treatment Additive with most concentrated surfactant/dispersant for use in any kind of residual or distillate fuels. 1 Litre to 55.000 L	1L & 5L Cans, 20L Pail 60L & 200L Drums	Marine	Power Generation	Industrial & Mining
KJF-ECO-2050 SD	Concentrated Surfactant/Dispersant for use in residual and distillate fuels developed primarily for large fuel consumers.	1L & 5L Cans, 20L Pail 60L & 200L Drums	Marine	Power Generation	Industrial & Mining
KJF-ECO-2045 SD	Surfactant/Dispersant for use in all types of residual or distillate fuels developed to simplify handling and dosage requirements for medium fuel consumers.	1L & 5L Cans, 20L Pail 60L & 200L Drums	Marine	Power Generation	
KJF-ECO-2040 SD	Surfactant/Dispersant for use in all types of residual or distillate fuels for smaller fuel consumers, including the heating oil market.	1L & 5L Cans, 20L Pail 60L & 200L Drums			Transport & Leisure
KJF-ECO-2035 EE	Organo-metallic fuel additive treatment for Efficiency Enhancement	1L & 5L Cans, 20L Pail 60L & 200L Drums		Power Generation	
KJF-ECO-2030 LI	Concentrated fuel Lubricity Improver	1L & 5L Cans, 20L Pail 60L & 200L Drums	Marine		Transport & Leisure
KJF-ECO-2025 OLI	Combustion Improver with Lubricity Improver for consumer market	10ml Syringe & 25 ml Tube 1L & 5L Cans, 20L Pail			Automotive, Transport & Leisure
KJF-ECO-2020 OLI	Combustion Improver with Lubricity Improver for medium fuel users & storage facilities	1L & 5L Cans, 20L Pail 60L & 200L Drums			Transport & Leisure
KJF-ECO-2015 BF	Organic and rapidly biodegradable fuel treatment additive especially developed to eliminate and prevent bacteria, fungi and algae contamination in both residual and distillate fuels.	1L & 5L Cans, 20L Pail 60L & 200L Drums			Transport & Leisure



Kyoto Japan Auto & Truck Parts



A Family of
Superior
Replacement
Auto & Truck
Parts for the
Aftermarket

Symbol of Quality & Performance

Kyoto Japan family of Automotive Replacement Parts for the After-Market:

Transmission & Wheel Drive

- Clutch Sets
- Clutch Discs
- C.V Joints (Inner & Outer)
- Drive Shafts
- Wheel Bearing & Hub Assembly
- Hub Bearing
- Oil Seals

Chassis Parts

- Steering & Suspension Parts (Control Arms, Ball Joints, Tie Rod Ends, Drop Links, Bushes, Cross Rod, Rack Ends, Pit Arms, Idler Arms)
- Shock Absorbers (Mono & Twin-Tube)
- Shock Absorbers (Strut & Spring Assembly)
- Suspension Coil Springs
- Gas Springs

Brake System

- Brake Pads & Shoes, Front & Back
- Brake Discs & Drums

Engine Components

- Spark Plugs (Iridium, Platinum, Copper)
- Ignition Cable Sets

- Glow Plugs
- Belts
- Timing Chain Kits
- Timing Belt Kits
- Tensioners & Pulleys
- Oil, Fuel, Cabin & Air Filters
- Gaskets
- Engine Parts (Pistons, Rings, Valves, Crankshaft)
- Radiators
- Thermostats & Caps
- Power Steering Pumps
- Water, Oil & Fuel Pumps
- Sensors
- Control Cables (Speedometer, Accelerator, Choke, Bonnet)

Cables

- Brake Cables
- Clutch Cables
- Speedometer Cables
- Accelerator Cables
- Hood Cables

Hoses, Assemblies & Fittings

- Brake Hose & Assembly
- Airconditioning Hose & Assembly
- High Pressure Power Steering Hose Assembly
- Low Pressure Power Steering Return Hose Assembly

- Fuel Hose & Fittings
- Wire Reinforced Hydraulic Hose & Fittings
- Radiator Hose
- Oil Cooler Hose
- Radiator Hose

Electrical Parts

- Starters
- Alternators
- Electric Wire Harness
- Auto Bulbs (Standard, Xenon, LED, Crystal, etc.)

Airconditioning System

- AC Compressors
- AC Evaporators
- AC Condensers
- Airconditioning Gases R134a & 1234yf

Other Components

- Wiper, Blades & Kits
- Car Maintenance Chemicals
- Car Body Parts & Side Mirrors





A Family of
Superior
Replacement
Auto & Truck
Parts for the
Aftermarket

Symbol of Quality & Performance



Transmission & Wheel Drive	Clutch Sets
	Clutch Discs
	Clutch Cables
	C.V Joints (Inner & Outer)
	Drive Shafts
	Wheel Bearing & Hub Assembly
	Hub Bearing
	Oil Seals
Chassis Parts	Steering & Suspension Parts (Control Arms, Ball Joints, Tie Rod Ends, Drop Links, Bushes, Cross Rod, Rack Ends, Pit Arms, Idler Arms)
	Shock Absorbers (Mono & Twin-Tube)
	Shock Absorbers (Strut & Spring Assembly)
	Suspension Coil Springs
	Gas Springs
Brake System	Brake Pads & Shoes, Front & Back
	Brake Cables
	Brake Discs & Drums
Engine Components	Spark Plugs (Iridium, Platinum, Copper)
	Ignition Cable Sets
	Glow Plugs
	Belts
	Timing Chain Kits
	Timing Belt Kits
	Tensioners & Pulleys
	Hoses & Clamps
	Oil, Fuel, Cabin & Air Filters
	Gaskets
	Engine Parts (Pistons, Rings, Valves, Crankshaft)
	Radiators
	Thermostats & Caps
	Water, Oil & Fuel Pumps
	Sensors
	Control Cables (Speedometer, Accelerator, Choke, Bonnet)
Electrical Parts	Starters
	Alternators
	Electric Wire Harness
	Bulbs
Airconditioning System	AC Compressors
	AC Evaporators
	AC Condensers
	Airconditioning Gases R134a & 1234yf
Other Components	Wiper Blades & Kits
	Car Maintenance Chemicals
	Car Body Parts & Side Mirrors



Kyoto Japan Drive, Transmission & Hydraulics Systems

A Family of
**HD Drive &
Transmission
& Hydraulics**

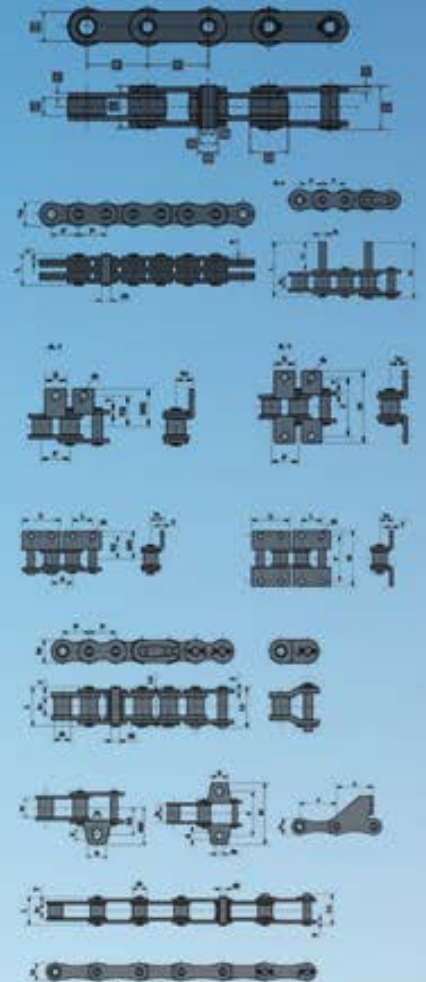


Symbol of Quality & Performance



Kyoto Japan manufactures high pressure hoses and assemblies, drive belts, agricultural & industrial chains and conveyor belts covering following families:

- Hydraulic Hose Assemblies
- Agricultural Belts
- Drive Belts
- Agricultural Chains & Links
- Industrial Chains & Links
- Sprockets
- Gears & Shafts
- Agricultural Hoses
- Irrigation Hoses
- Industrial Hoses
- Mining Hoses
- Oil & Gas Hoses
- Conveyor Belts



Kyoto Japan Precision Ball & Roller Bearings



A Family of
**Ball, Roller,
Insert, UCP,
UCF Bearings**



Symbol of Quality & Performance

Kyoto Japan produces a wide range of high quality Automotive & Industrial Precision Ball & Roller Bearings according to Japanese & German Standards covering following families:

- Ball Bearings
- Deep Groove Ball Bearings
- Self-Aligning Ball Bearings
- Cylindrical Roller Bearings
- Spherical Roller Bearings
- Needle Roller Bearings
- Angular Contact Bearings
- Taper Roller Bearings
- Thrust Ball Bearings
- Thrust Roller Bearings
- Hub Unit Bearings
- Pump Bearings
- Clutch Bearings
- Precision Bearings
- Balls and Rollers
- Insert Bearings
- Pillow Block Bearings
- Flange Bearings



Kyoto Japan Air-Conditioning & Refrigeration Gases



A Family of Car A/C & Commercial Refrigeration Gases

Refrigeration and Air-Conditioning gases are widely used for residential air-conditioning, chiller, commercial refrigeration, industrial refrigeration, domestic refrigeration and automotive applications.

Air-Conditioning & Refrigeration Gases have direct impact on the environment and climatic conditions and hence they are fully controlled under a quota system in Europe and advanced countries. Selection of high-quality gases is essential to comply with current EU legislations. Kyoto Japan supplies the following

Refrigeration and Air-Conditioning gases from Italy & Asia:

- 1234yf (Co-developed by DuPont and Honeywell)
- R-134a
- R-404a
- R-407c
- R-410a
- R-422D
- R-437a
- R-507a
- R-22
- R-32

Symbol of Quality & Performance

Kyoto Japan 1234yf for Car Air Conditioning & Chillers – Gas Made in Germany & Filled in Italy

Developed in the Buffalo Research Centre (USA) by Honeywell Fluorochemicals with the aim of replacing HFC R134a in automotive air conditioning. Its thermodynamic characteristics make it extremely similar to R134a, both in terms of performance, energy efficiency and operating pressures. 1234yf allows car manufacturers to easily adapt systems running R134a, achieving similar and in some cases better results. It has a Global Warming Potential (GWP) <1, therefore considerably lower than R 134a (GWP = 1430); its persistence in the atmosphere (Atmospheric Lifetime) is about 400 times lower. The new refrigerant 1234yf complies with the F-Gas Regulation N° CE 842-2006, which requires car manufacturers to use a refrigerant fluid with a lower GWP value to 150 from 1 January 2017.

Kyoto Japan R134a Air-conditioning Gas – Gas Made in Germany & Filled in Italy

R134a one of the main substitutes for HCFC gases. The product has an energy efficiency and a refrigerating capacity similar to R-12, but with a lower toxicity. It is the go-to refrigerant for automotive air conditioning. It can be used in residential and commercial refrigeration as well as commercial and industrial air conditioning. R 134a is one of the most popular components of refrigerant mixtures on the market

Applications: Automotive, Chiller	
• T-PED cylinder	Refillable cylinder 6,4 Lt / 42 Bar - 5.00 Kg
• HS Code	29033931
• Capacity	6.4 litre
• Gas Content	5.00 kg
• Valve Type	Single Phase (vapour only)
• Valve Connection	1/2 - 16 ACME (adapter included, with outlet HP J639 quick connection)
• Box Dimensions	245 X 245 x H 345
• No. Boxes per Pallet	45
• Box gross weight	10.12 Kg
• No. Boxes	450 per 20ft Container



Applications: Residential A/C, Chiller, Commercial Refrigeration, Industrial Refrigeration, Domestic Refrigeration, Automotive	
• DOT39	non-refillable cylinder 13,77 Lt/22 Bar - 13.6 Kg
• HS Code	29033926 90
• Capacity	13.6 litre
• Gas Content	13.60 kg
• Valve Type	Single Phase (vapour only)
• Valve Connection	NRV Valve 1/4" SAE
• Box Dimensions	247 x 247 x H 430
• No. Boxes per Pallet	90
• Box gross weight	16.9 Kg
• No. Boxes	900 per 20ft Container



Kyoto Japan Consumer Batteries



Kyoto Japan Consumer Batteries include several families of popular models and qualities for all devices of daily use, from toys to digital cameras to remote controls and many more.

Sizes: AA, AAA, C, D, 9V, CR2032, CR2025, CR2016

- Super Alkaline Batteries
- Ultra Digital Alkaline Batteries
- Carbon Zinc Batteries
- Rechargeable Batteries
- Button Cell Batteries



Hearing Aid Batteries



A Family of
Consumer &
Hearing Aid
Batteries

Symbol of Quality & Performance

Kyoto Japan Smart Connected LED Lighting & Spotlights



Kyoto Japan provides a complete solution for all lighting needs, indoor, outdoor, consumer, municipal, automotive, industrial and other professional applications.

Kyoto Japan implements new technologies for Smart connected lighting solutions developed for energy efficiency, convenience and security.

LED lights are the most efficient type of lighting available today as an alternative to many traditional lamps. LED lights have long life (>30,000 hours), contain no mercury, and are eco-friendly for disposal.

LED bulbs are available in a wide range of colour temperatures with excellent colour rendition and a wide variety of cap types. LED bulbs have recently become popular

as replacements for the halogen GU10 lamp

Kyoto Japan supplies the following families of advanced lighting:

- LED Bulbs & Systems
- LED Strip Systems
- Smart Lighting Systems
- Incandescent Light Bulbs & Lamps
- Halogen Eco Light Bulbs & Lamps
- Compact & Tube Fluorescent Lights
- Light Management Systems

Smart Lighting Systems

Kyoto Japan has a wide range SMART lighting solution for changing the lighting throughout the house at the push of a button, using smart applications via Bluetooth or WiFi for controlling from anywhere & providing voice control.

Lights can be switched on and off, dimmed, or change colours with Kyoto Japan's Smart lighting control systems.

LED Strip Systems

White light colours range from comfortable warm 2,700 kelvin to bright 6,500 kelvin while the tuneable versions are in White, RGBW and RGB colours suitable for all applications. Tuneable White can switch between work light and warm light for relaxing. The colour-changing LED Strips provide ideal lighting for stylish living creating ambience.



LED Light Bulbs	
LED	Light Emitting Diode Bulbs.
Colour Temperature	Available in a range of colours from warm white to daylight
Life expectancy	> 30,000 hours
Dimmable	Available in both dimmable and non-dimmable versions
Warm-up time	Instant
Available finishes	Clear & Opaque
Energy rating	A-Rating is 90% more efficient than Tungsten lamps.
Further information	Very long life and run very cool making them safe for all applications



Kyoto Japan in the World

Kyoto Japan Tire Group has presence through a network of Group Companies, and/or Representations & Official Distributorships in selected international markets to provide support and After-Sales-Service



Symbol of Quality & Performance



Truck & Bus Radial (TBR) Tires

Series	Size	Kyoto Japan Pattern	Tire Position	Load Index	Speed Index	Quantity per 40HC
Truck & Bus Radial (TBR) Tires						
24.5	1R24.5	KD402	All Position	149/146	M	255
		KD431	Steer, Trailer, On Road	149/146	L	260
		KD439	Drive, On Road	149/146	L	260
		KD422	Drive	149/146	M	250
		KD465	Steer, Trailer, On Road	149/146	M	259
		KD431	Steer, Trailer, On Road	147/144	L	260
	285/75R24.5	KD439	Drive, On Road	147/144	L	260
		KD431	Steer, Trailer, On Road	145/143	L	260
	295/75R22.5	KD439	Drive, On Road	146/143	L	260
		KD402	All Position, On/Off Road	160/157	K	195
24	1200R24	KD402	All Position, On/Off Road	160/157	K	195
		KD496	Drive, On Road	160/157	K	195
		KD425	Drive, On Road	160/157	K	195
		KD402	Steer, Trailer, On Road	156/150	L	235
		KD405	Steer, Trailer, On Road	156/150	L	235
		KD407	All Position, On Road	154/151	M	240
	315/80R22.5	KD408	Drive, On Road	156/150	L	238
		KD427	All Position, On Road	154/151	M	235
		KD454	Steer, Trailer, On Road	156/150	L	241
		KD436	Drive, On Road	156/150	L	219
		KD444	Drive, On Road	156/150	K	219
		KD450W	Drive, Winter, On Road	154/151	M	236
22.5	295/80R22.5	KD405	Steer, Trailer, On Road	152/149	M	250
		KD407	All Position, On Road	154/152	M	252
		KD408	Drive, On Road	154/152	M	252
		KD427	All Position, On Road	152/149	M	250
		KD450W	Drive, Winter, On Road	154/152	M	252
		KD407	All Position, On Road	148/145	L	294
	315/70R22.5	KD407	All Position, On Road	152/148	M	236
		KD408	Drive, On Road	156/150	L	252
		KD469	Steer, Trailer, On Road	154/150	M	250
		KD450W	Drive, Winter, On Road	152/148	M	236
		KD400	Steer, Trailer, On Road	148/145	M	320
		KD412	All Position, On Road	148/145	L	288
22.5	255/70R22.5	KD459	All Position, On Road	140/137	L	364
		KD413	Trailer, On Road	169	K	124
		KD415	Drive, On Road	169	K	124
	425/65R22.5	KD413	Trailer, On Road	165	K	144
		KD415	Drive, On Road	165	K	144
		KD413	Trailer, On Road	160	K	192
	385/65R22.5	KD415	Drive, Construction	160	K	192
		KD417	Steer, Trailer, On Road	160	K	195
		KD437	Steer, Trailer, On Road	160	K	195
		KD450W	Drive, Winter, On Road	160	K	192
22.5	315/60R22.5	KD412	All Position, On Road	152/148	L	236
		KD410	Drive, On Road	152/148	L	236
	295/60R22.5	KD412	All position	149/146	L	264
		KD421	Trailer, On Road	160	K	200
		KD413	Trailer, On Road	160	K	195
		KD423	Drive, On Road	160	K	195
22.5	13R22.5	KD402	All position, On Road	156/150	L	220
		KD414	Steer, On Road	154/150	K	210
		KD420	Drive, On Road	154/150	K	210
	12R22.5	KD402	All position, On Road	152/149	L	240
		KD405	Steer, Trailer, On Road	150/147	L	240
		KD407	All position, On Road	150/147	M	240
22.5	11R22.5	KD408	Drive, On Road	150/147	M	238
		KD427	All Position, On Road	150/147	L	240
		KD403	All Position, On/Off Road	148/145	M	276
		KD405	Steer, Trailer, On Road	146/143	M	270
		KD409	Steer, Trailer	146/143	M	270
		KD427	All Position, On Road	146/143	L	250
22.5	10R22.5	KD440	Trailer, On Road	146/143	M	270
		KD444	Drive, On/Off Road	146/143	K	270
		KD453	Drive, On Road	148/145	M	276
	9R22.5	KD407	All Position, On Road	136/134	M	312
		KD407	All Position, On Road	136/134	M	360

20	12.00R20	KD402	All Position, On/Off Road	154/151	L	220
		KD491	Drive, Trailer, On/Off Road	154/151	G	230
		KD453	All position	154/151	K	230
		KD424	Drive, Trailer	154/151	K	230
		KD458	Mining	154/151	E	230
		KD457	All Position, On/Off Road	154/151	K	230
	11.00R20	KD402	All Position, On/Off Road	154/151	K	230
		KD483	Drive, Trailer 22 PR Mining	154/151	K	230
		KD402	All Position, On/Off Road	152/149	K	238
		KD402	All Position, On/Off Road	152/149	K	240
		KD424	Drive, Trailer	152/149	K	240
		KD453	All position	152/149	K	240
20	10.00R20	KD457	All position	152/149	K	240
		KD461	All Position	152/149	K	260
		KD491	Drive, Trailer, On/Off Road	152/149	G	240
		KD402	All Position	149/146	K	280
		KD436	Drive	149/146	K	280
		KD462	Drive	149/146	K	260
	9.00R20	KD402	All Position, On/Off Road	149/146	K	270
		KD424	Drive, Trailer	149/146	G	270
		KD453	All position	146/143	K	270
		KD457	All position	149/146	K	270
		KD453	Drive	149/146	K	270
		KD402	All Position, On/Off Road	144/142	K	310
19.5	265/70R19.5	KD453	All position	144/142	K	310
		KD424	Drive, Trailer	144/142	K	310
	245/70R19.5	KD407	Steer	140/138	L	418
		KD412	Trailer	140/138	L	418
		KD412	Steer	136/134	L	400
		KD429	Steer, Trailer, On Road	136/134	M	450
17.5	235/75R17.5	KD407	Steer	132/130	M	550
		KD412	Trailer	143/141	J	550
		KD429	Steer, Trailer, On Road	132/130	J	540
	225/75R17.5	KD407	Steer	129/127	L	570
		KD410	Drive	126/124	L	540
		KD412	Trailer	135/133	J	640
17.5	215/75R17.5	KD429	Steer, Trailer, On Road	126/124	M	540
		KD412	Trailer	143/141	J	510
	9.5R17.5	KD412	Trailer	143/141	J	510

Light Truck Radial (LTR) Tires

16	8.25R20	KD630	All Position	139/137	K	500
		KD630	All Position	128/124	L	550
		KD634	All Position	128/124	L	550
		KD636	All Position	128/124	K	550
	7.50R15 LT	KD630	All Position	124/120	K	650
		KD634	All Position	124/120	K	650
		KD636	All Position	124/120	K	650
	7.00R15 LT	KD634	All Position	118/114 L	L	660
	6.50R15 LT	KD634	All Position	110/105	L	720

Kyoto Japan PCR Tires

[illegible][illegible][illegible]

Kyoto Japan Batteries

No.	DN JS	Kyoto Japan Battery Code	Polarity (Power from Front)	Capacity C20	C.C.A. JIS	Temp. C.C.A.	Storage	Box	Quantity per Pallet	Dimensions mm
				Ah	(JIS)	(JIS)	Volts			Length Width Height
Kyoto Japan AGM Start-Stop Series Car Batteries - Premium Charge +35% Starter Power										
Hybrid Technology with Cast Grids, Pb/Ca/Ag, Hermetic lid, ready to use.										
52	DN	KJB-050-01.4AGM	+ on the Right	52	50	530	12	1.1	204	95 237 175 850
53	DN	KJB-050-01.5AGM	+ on the Right	53	50	540	12	1.2	103	54 242 175 850
54	DN	KJB-050-01.6AGM	+ on the Right	54	70	750	12	1.3	103	48 238 175 850
55	DN	KJB-050-01.7AGM	+ on the Right	55	80	850	12	1.4	103	42 230 175 850
56	DN	KJB-050-01.8AGM	+ on the Right	56	90	950	12	1.5	103	36 234 175 850
57	DN	KJB-050-01.9AGM	+ on the Right	57	100	1050	12	1.6	103	30 234 175 850
Kyoto Japan EFB Series Car Batteries - Premium Charge +35% Starter Power										
EFB Technology with Expanded Grids, Pb/Ca Alloy, Hermetic lid with VRLA valve, ready to use.										
58	DN	KJB-050-01.2EFB	+ on the Right	58	50	530	12	1.2	104	72 242 175 850
59	DN	KJB-050-01.3EFB	+ on the Right	59	60	650	12	1.3	104	64 238 175 850
60	DN	KJB-050-01.4EFB	+ on the Right	60	70	750	12	1.3	104	64 238 175 850
61	DN	KJB-050-01.5EFB	+ on the Right	61	75	750	12	1.4	104	56 230 175 850
62	DN	KJB-050-01.6EFB	+ on the Right	62	80	850	12	1.4	104	56 230 175 850
63	DN	KJB-050-01.7EFB	+ on the Right	63	90	950	12	1.5	104	48 234 175 850
Kyoto Japan Power Series Car Batteries - Super Charge +35% Starter Power										
Maintenance-Free, Wet-Charged, Sealed, Expanded alloy grids technology with Pb/Ca, Hermetic DUPLEX lid, with centralised degassing cover, with Magic Eye, ready to use.										
45	DN	KJB-045-01.0PW	+ on the Right	45	400	400	12	1.8	204	89 227 175 850
46	DN	KJB-045-01.1PW	+ on the Right	46	400	400	12	1.1	204	89 227 175 850
47	DN	KJB-045-01.2PW	+ on the Right	47	500	500	12	1.1	204	89 227 175 850
48	DN	KJB-045-01.3PW	+ on the Right	48	600	600	12	1.2	104	72 242 175 850
49	DN	KJB-045-01.4PW	+ on the Right	49	700	700	12	1.2	104	72 242 175 850
50	DN	KJB-045-01.5PW	+ on the Right	50	800	800	12	1.2	104	72 242 175 850
51	DN	KJB-045-01.6PW	+ on the Right	51	900	900	12	1.2	104	72 242 175 850
52	DN	KJB-045-01.7PW	+ on the Right	52	1000	1000	12	1.2	104	72 242 175 850
53	DN	KJB-045-01.8PW	+ on the Right	53	1100	1100	12	1.3	104	64 238 175 850
54	DN	KJB-045-01.9PW	+ on the Right	54	1200	1200	12	1.3	104	64 238 175 850
55	DN	KJB-045-01.0PW	+ on the Right	55	1300	1300	12	1.4	104	56 230 175 850
56	DN	KJB-045-01.1PW	+ on the Right	56	1400	1400	12	1.4	104	56 230 175 850
57	DN	KJB-045-01.2PW	+ on the Right	57	1500	1500	12	1.4	104	56 230 175 850
58	DN	KJB-045-01.3PW	+ on the Right	58	1600	1600	12	1.4	104	56 230 175 850
59	DN	KJB-045-01.4PW	+ on the Right	59	1700	1700	12	1.4	104	56 230 175 850
60	DN	KJB-045-01.5PW	+ on the Right	60	1800	1800	12	1.5	104	48 234 175 850
Kyoto Japan DIN Energy Series Car Batteries - Extra Charge +35% Starter Power										
Maintenance-Free, Wet-Charged, Sealed, Expanded alloy grids technology with Pb/Ca, with centralised degassing cover, ready to use.										
45	DN	KJB-045-01.0EN	+ on the Right	45	350	400	12	1.0	204	89 227 175 850
46	DN	KJB-045-01.1EN	+ on the Right	46	350	400	12	1.0	204	89 227 175 850
47	DN	KJB-045-01.2EN	+ on the Right	47	400	400	12	1.1	204	89 227 175 850
48	DN	KJB-045-01.3EN	+ on the Right	48	400	400	12	1.1	204	89 227 175 850
49	DN	KJB-045-01.4EN	+ on the Right	49	400	400	12	1.1	204	89 227 175 850
50	DN	KJB-045-01.5EN	+ on the Right	50	400	400	12	1.1	204	89 227 175 850
51	DN	KJB-045-01.6EN	+ on the Right	51	400	400	12	1.1	204	89 227 175 850
52	DN	KJB-045-01.7EN	+ on the Right	52	400	400	12	1.1	204	89 227 175 850
53	DN	KJB-045-01.8EN	+ on the Right	53	400	400	12	1.1	204	89 227 175 850
54	DN	KJB-045-01.9EN	+ on the Right	54	400	400	12	1.1	204	89 227 175 850
55	DN	KJB-045-01.0EN	+ on the Right	55	400	400	12	1.1	204	89 227 175 850
56	DN	KJB-045-01.1EN	+ on the Right	56	400	400	12	1.1	204	89 227 175 850
57	DN	KJB-045-01.2EN	+ on the Right	57	400	400	12	1.1	204	89 227 175 850
58	DN	KJB-045-01.3EN	+ on the Right	58	400	400	12	1.1	204	89 227 175 850
59	DN	KJB-045-01.4EN	+ on the Right	59	400	400	12	1.1	204	89 227 175 850
60	DN	KJB-045-01.5EN	+ on the Right	60	400	400	12	1.1	204	89 227 175 850
61	DN	KJB-045-01.6EN	+ on the Right	61	400	400	12	1.1	204	89 227 175 850
62	DN	KJB-045-01.7EN	+ on the Right	62	400	400	12	1.1	204	89 227 175 850
63	DN	KJB-045-01.8EN	+ on the Right	63	400	400	12	1.1	204	89 227 175 850
64	DN	KJB-045-01.9EN	+ on the Right	64	400	400	12	1.1	204	89 227 175 850
65	DN	KJB-045-01.0EN	+ on the Right	65	400	400	12	1.1	204	89 227 175 850
66	DN	KJB-045-01.1EN	+ on the Right	66	400	400	12	1.1	204	89 227 175 850
67	DN	KJB-045-01.2EN	+ on the Right	67	400	400	12	1.1	204	89 227 175 850
68	DN	KJB-045-01.3EN	+ on the Right	68	400	400	12	1.1	204	89 227 175 850
69	DN	KJB-045-01.4EN	+ on the Right	69	400	400	12	1.1	204	89 227 175 850
70	DN	KJB-045-01.5EN	+ on the Right	70	400	400	12	1.1	204	89 227 175 850
71	DN	KJB-045-01.6EN	+ on the Right	71	400	400	12	1.1	204	89 227 175 850
72	DN	KJB-045-01.7EN	+ on the Right	72	400	400	12	1.1	204	89 227 175 850
73	DN	KJB-045-01.8EN	+ on the Right	73	400	400	12	1.1	204	89 227 175 850
74	DN	KJB-045-01.9EN	+ on the Right	74	400	400	12	1.1	204	89 227 175 850
75	DN	KJB-045-01.0EN	+ on the Right	75	400	400	12	1.1	204	89 227 175 850
76	DN	KJB-045-01.1EN	+ on the Right	76	400	400	12	1.1	204	89 227 175 850
77	DN	KJB-045-01.2EN	+ on the Right	77	400	400	12	1.1	204	89 227 175 850
78	DN	KJB-045-01.3EN	+ on the Right	78	400	400	12	1.1	204	89 227 175 850
79	DN	KJB-045-01.4EN	+ on the Right	79	400	400	12	1.1	204	89 227 175 850
80	DN	KJB-045-01.5EN	+ on the Right	80	400	400	12	1.1	204	89 227 175 850
81	DN	KJB-045-01.6EN	+ on the Right	81	400	400	12	1.1	204	89 227 175 850
82	DN	KJB-045-01.7EN	+ on the Right	82	400	400	12	1.1	204	89 227 175 850
83	DN	KJB-045-01.8EN	+ on the Right	83	400	400	12	1.1	204	89 227 175 850
84	DN	KJB-045-01.9EN	+ on the Right	84	400	400	12	1.1	204	89 227 175 850
85	DN	KJB-045-01.0EN	+ on the Right	85	400	400	12	1.1	204	89 227 175 850
86	DN	KJB-045-01.1EN	+ on the Right	86	400	400	12	1.1	204	89 227 175 850
87	DN	KJB-045-01.2EN	+ on the Right	87	400	400	12	1.1	204	89 227 175 850
88	DN	KJB-045-01.3EN	+ on the Right	88	400	400	12	1.1	204	89 227 175 850
89	DN	KJB-045-01.4EN	+ on the Right	89	400	400	12	1.1	204	89 227 175 850
90	DN	KJB-045-01.5EN	+ on the Right	90	400	400	12	1.1	204	89 227 175 850
91	DN	KJB-045-01.6EN	+ on the Right	91	400	400	12	1.1	204	89 227 175 850
92	DN	KJB-045-01.7EN	+ on the Right	92	400	400	12	1.1	204	89 227 175 850
93	DN	KJB-045-01.8EN	+ on the Right	93	400	400	12	1.1	204	89 227 175 850
94	DN	KJB-045-01.9EN	+ on the Right	94	400	400	12	1.1	204	89 227 175 850
95	DN	KJB-045-01.0EN	+ on the Right	95	400	400	12	1.1	204	89 227 175 850
96	DN	KJB-045-01.1EN	+ on the Right	96	400	400	12	1.1	204	89 227 175 850
97	DN	KJB-045-01.2EN	+ on the Right	97	400	400	12	1.1	204	89 227 175 850
98	DN	KJB-045-01.3EN	+ on the Right	98	400	400	12	1.1	204	89 227 175 850
99	DN	KJB-045-01.4EN	+ on the Right	99	400	400	12	1.1	204	89 227 175 850
100	DN	KJB-045-01.5EN	+ on the Right	100	400	400	12	1.1	204	89 227 175 850
Kyoto Japan JIS Asian Series Car Batteries - Extra Charge +35% Starter Power										
Optimal Maintenance, Wet-Charged, Sealed, Expanded alloy grids technology with Pb/Ca and low Sb cast Pb/Sb grids with centralised degassing cover, with Magic Eye, ready to use.										
35	JIS	KJB-035-020-JS	+ on the Right	35	20	200	12	1.0	104	240 72 87 127 225
36	JIS	KJB-035-025-JS	+ on the Right	36	25	250	12	1.0	104	240 72 87 127 225
37	JIS	KJB-035-030-JS	+ on the Right	37	30	300	12	1.0	104	240 72 87 127 225
38	JIS	KJB-035-035-JS	+ on the Right	38	35	350	12	1.0	104	240 72 87 127 225
39	JIS	KJB-035-040-JS	+ on the Right	39	40	400	12	1.0	104	240 72 87 127 225
40	JIS	KJB-035-045-JS	+ on the Right	40	45	450	12	1.0	104	240 72 87 127 225
41	JIS	KJB-035-050-JS	+ on the Right	41	50	500	12	1.0	104	240 72 87 127 225
42	JIS	KJB-035-055-JS	+ on the Right	42	55	550	12	1.0	104	240 72 87 127 225
43	JIS	KJB-035-060-JS	+ on the Right	43	60	600	12	1.0	104	240 72 87 127 225
44	JIS	KJB-035-065-JS	+ on the Right	44	65	650	12	1.0	104	240 72 87 127 225
45	JIS	KJB-035-070-JS	+ on the Right	45	70	700	12	1.0	104	240 72 87 127 225
46	JIS	KJB-035-075-JS	+ on the Right	46	75	750	12	1.0	104	240 72 87 127 225
47	JIS	KJB-035-080-JS	+ on the Right	47	80	800	12	1.0	104	240 72 87 127 225
48	JIS	KJB-035-085-JS	+ on the Right	48	85	850	12	1.0	104	240 72 87 127 225
49	JIS	KJB-035-090-JS	+ on the Right	49	90	900	12	1.0	104	240 72 87 127 225
50	JIS	KJB-035-095-JS	+ on the Right	50	95	950	12	1.0	104	240 72 87 127

Kyoto Japan After Sales Service, Warranty & Support

Warranty on Tires

Distributor shall set up and maintain suitable showroom/warehouse with a sufficient inventory of KYOTO tires to ensure effective sales covering the entire Territory. KYOTO will furnish Distributor with catalogue/brochures and other related literatures.

KYOTO hereby warrants and guarantees the tires against any defects of workmanship and material for the period of 12 months from the date of invoice of the Distributor to its customers and maximum 18 months from the date of shipment by KYOTO; the latter do not take any responsibility or any liability for claims on tire(s) subjected to driving abuse and miss application.

KYOTO's warranty shall be entirely excluded whenever:

- The tire serial number is intentionally abraded or altered
- The claimed tire has been repaired, buffed, re-treaded or re-grooved
- The claim is due to misuse of the product and improper application (such as in case of irregular air pressure, overloading, excessive speeding, vehicle having mechanical defects, irregular and unstable rims, etc.).
- The claimed defect is due to normal wear and tear of the tire.
- The claimed defect is due to Distributor's or its dealers' non-compliance with the provision of storage.

If any defect is claimed by the customer within the limits set forth and the warranty conditions indicated; then Distributor is obliged to recover the claimed tire(s) from the customer and keep it stored at the disposal of the KYOTO technicians.

It is understood that any claim raised by Distributor on KYOTO for manufacturing defects, once approved, shall be settled on the basis of the FOB value of the Product. The Distributor waives any and all rights to the payment of other damages including loss of income, penalties or reputational damages.

Warranty on Other Products

• KYOTO hereby warrants and guarantees the products against any defects of workmanship and material for the period of 12 months from the date of invoice of the Distributor to its customers and maximum 18 months from the date of shipment by KYOTO.

• The latter do not take any responsibility or any liability for claims on tire(s) subjected to driving abuse and miss application.

• If any defect is claimed by the customer within the limits set forth and the warranty conditions indicated; then Distributor is obliged to recover the claimed tire(s) from the customer and keep it stored at the disposal of the KYOTO technicians.

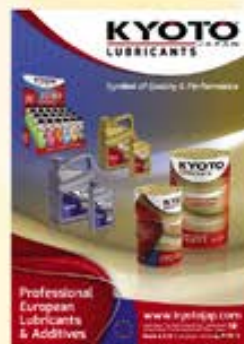
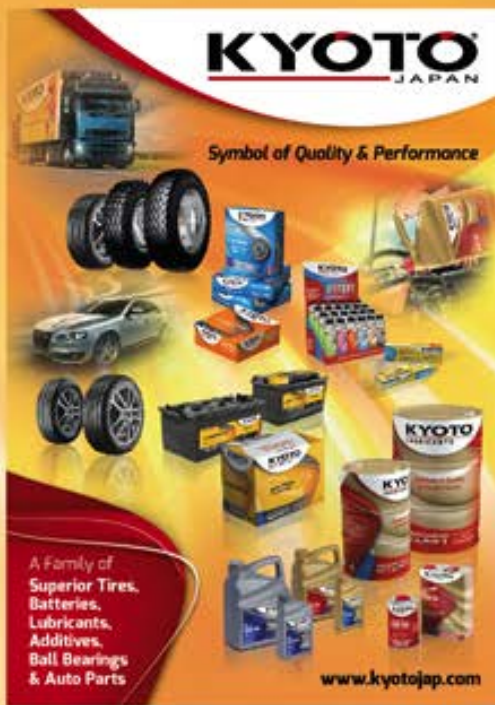
• It is understood that any claim raised by Distributor on KYOTO for manufacturing defects, once approved, shall be settled on the basis of the FOB value of the Product. The Distributor waives any and all rights to the payment of other damages including loss of income, penalties or reputational damages.

A local Kyoto Japan Warranty Card shall be prepared with serial number with hologram (to prevent counterfeit) and all serial numbers shall be recorded for all sales of Kyoto Japan parts and other products, as applicable, to clients. All auto parts will carry a tamper-proof Hologram label to show authenticity and originality.



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