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compelling blend of technology and engineering prowess. Our engineering prowess. Our enginee are carefully selected and inspected to ensure top quality and performance. Whetheryourelooking for a replacement engine or upgrading your current setup, we have a wide selection to meet your needs. New / Used 2.4L KA20 Engines Imported From Japan. Purchasing a usedlow mileage imported 2.4L KA20 engine from the manufacturer. With proper maintenance and care, these imported engines confer a cost-effective solution while delivering reliable performance for many miles. Our commitment to quality ensures that each Japan-imported engine undergoes rigorous inspection and testing before being offered for sale. We understand the importance of reliability and performance in your vehicle, which is why we hand-select only the finest low-mileage engines. Engine Specifications Power and Performance The Nissan KA20 engine features a 2.4-liter inline-four cylinder configuration with 16 valves, optimizing airflow and combustion efficiency. This setup allows the engine to produce ample horsepower and torque across a broad range of RPMs, ensuring responsive acceleration and dynamic performance. Whether navigating city streets or cruising on the highway, the KA20 engine delivers the power you need with Nissans signature reliability. Fuel Efficiency and Technology Despite its performance capabilities, the Nissan Hardbody 2.41 KA20 engine prioritizes fuel efficiency. Advanced fuel injection technology and Nissans commitment to optimizing engine efficiency ensure that every drop of fuel is utilized effectively, reducing overall fuel consumption and emissions. This makes the KA20 engine not only powerful but also environmentally friendly. Durability and Reliability Built with durable materials and precision engineering, the Nissan Hardbody 2.4l KA20 engine is designed to withstand the rigors of daily driving. Components are crafted to resist wear and tear, ensuring longevity and reliability over the engines lifespan. Regular maintenance according to Nissans guidelines further enhances durability, allowing owners to enjoy consistent performance with minimal downtime. Installation and Compatibility Ease of InstallationInstalling the NISSAN 2.4l KA20 engine is straightforward for experienced mechanics familiar with Nissan wehicles. The engine is designed to fit seamlessly into compatible Nissan models, with precise mounting points and electrical connections that simplify the installation process. This ensures efficient replacement or upgrade without extensive modifications. Vehicle Compatibility The NISSAN 2.4 16v KA20 engine is compatible with various Nissan models, including but not limited to certain iterations of the Nissan X-Trail and Serena. This compatibility ensures that owners can find a suitable application for their specific vehicle needs, whether for personal use or commercial applications. The KA20 engines versatility and performance make it a preferred choice among Nissan enthusiasts and professionals alike. Manufacturer Support Nissan provides comprehensive support network ensures that owners can maintain their engines to factory specifications, preserving performance and reliability over time. Knowledgeable service technicians are available to address any questions or concerns, providing peace of mind for Nissan drivers. Complete Nissan 2.4L KA20 Engine For Sale From Trusted Sellers. When sourcinglow mileage Japan imported engineslike the Nissan 2.4L KA20 engine for sale, its crucial to buy from trusted and reputable sellers. Purchasing from unreliable sources can lead to issues such as receiving refurbished or damaged parts, inaccurate mileage reporting, or poor customer service. Our Engines are sourced directly from Japan, these engines offer exceptional quality and performance, having been meticulously maintained and driven for minimal distances. Maintenance and LongevityRoutine Maintenance and Longevity engine performance. Following Nissans guidelines ensures that the engine operates efficiently and reliably, reducing the risk of unexpected repairs and prolonging its service life. Longevity and Performance Enhancements With proper care, the Nissan Hardbody 2.4l KA20 engine is engineered to provide long-lasting performance. For enthusiasts looking to enhance their driving experience, aftermarket upgrades such as performance air filters, exhaust systems, and tuning options are available. These enhancements can further elevate horsepower, torque, and overall driving dynamics, catering to diverse preferences and driving styles. Environmental Considerations The Nissan 2.4l KA20 engine incorporates technologies that not only enhance performance but also minimize environmental impact. Efficient fuel combustion and emission control systems ensure compliance with global environmental standards, reducing the engines carbon footprint without compromising performance. Nissans commitment to sustainability underscores the KA20 engines role in eco-conscious driving. Japan Imported Low Mileage Nissan Hardbody 2.4L KA20 Engine for Sale Japanese domestic market (JDM) engines are renowned for their superior engineering, durability, and fuel efficiency, making them a popular choice for car enthusiasts and mechanics worldwide. In conclusion, the Nissan represents Nissans dedication to delivering reliable performance, durability, and innovation. Whether youre replacing a worn-out engine of seeking to upgrade your vehicle, the KA20 engine offers a blend of power, efficiency, and longevity that meets the demands of Nissan drivers worldwide. FORUM! Dear visitors, now our site has a FORUM where you can ask all your questions and share your experience. The Nissan KA24DE is a 2.4 l (2,389 cc, 145.79 cu-in) straight-4, four-stroke cycle gasoline engine from Nissan KA24DE motor was manufactured from 1991 through 2016 in Aguascalientes, Mexico for US market, and in Yokohama, Kanagawa, Japan. The Nissan KA24DE engine has DOHC (double overhead camshaft) design with 16 valves (4 per cylinder). The engine used a cast-iron cylinder head. The engine is equipped with a sequential electronic fuel injection system, ignition timing control system, and EGR system. The KA24DE-A is an Altima-specific model of the KA24DE. The head and block are noninterchangeable between all other models and are uniquely cast for front-wheel-drive operation. An 89 mm (3.5 in) cylinder bore and 96 mm (3.78 in) piston stroke give the motor a total of 2,389 cc of displacement. The compression ratio is 9.5:1 for Nissan 240SX, and 9.2:1 or 9.3:1 for trucks. The KA24DE engine produced up to 159 PS (116 kW; 155.0 HP) at 5,600 rpm of maximum horsepower and up to 217 Nm (22.1 kgm, 159.9 ftlb) at 4,400 rpm of maximum torque. The breakdown of the engine code is as follows: KA Engine Family24 2.4 Liter Displacement DOHCE Multi Point Fuel Injection General information Engine Specifications Engine code KAZ4DELayout Four stroke, Inline-4 (Straight 4) Fuel typeGasoline Production 1991-2016 Displacement 2.4 L, 2,389 cm 3 (145.79 cu in) Fuel system Electronic fuel injection system Power adder None Max. torque From 208 Nm (21.2 kgm, 153.3 ftlb) at 3,600 rpm to 217 Nm (22.1 kgm, 159.9 ftlb) at 4,300 rpm to 159 PS (116 kW; 155 HP) at 5,600 rpm Max. torque From 208 Nm (21.2 kgm, 153.3 ftlb) at 3,600 rpm to 217 Nm (22.1 kgm, 159.9 ftlb) at 4,300 rpm to 217 Nm (22.1 kgm, 159.9 ftlb) at 3,600 rpm to 218 Nm (21.2 kgm, 159.9 ftlb) at 3,600 rpm to 219 Nm (21.2 kgm, 159.9 ftlb) at 3,600 rpm to 219 Nm (22.1 kgm, 159.9 ftlb) at 3,600 rpm to 219 Nm (22.1 kgm, 159.9 ftlb) at 3,600 rpm to 219 Nm (21.2 kgm, 21.2 kgm, 21. 4,400 rpmFiring order1-3-4-2Dimensions (L x H x W):Weight Cylinder blockThe Nissan KA24DE motor has a cast-iron cylinder block, cast steel connecting rods, a half-counterweighted forged steel crankshaft. The KA24E engine cylinder bore is 89.0 mm (3.5 in) and the piston stroke is 96 mm (3.78 in). Cylinder blockCylinder block alloyCast ironCompression ratio:9.5:1, 9.3:1, 9.2:1Cylinder bore:89.0 mm (3.50 in)Piston stroke:96.0 mm (3.78 in)Number of piston rings (compression / oil):2 / 1Number of main bearings:5Cylinder inner diameter (standard):89.000-89.010 mm (3.5039-3.5043) in)Piston skirt diameter (standard):88.970-88.980 mm (3.5027-3.5031 in)Piston pin outer diameter:20.989-21.001 mm (0.8263.0.8268 in)Piston ring side clearance:Top0.040-0.080 mm (0.0016-0.0031 in)Second0.030-0.070 mm (0.0017-0.0205 in)Second0.450-0.690 mm (0.0177-0.0272 in)Oil0.200-0.690 mm (0.0079-0.0272 in)Connecting rod center distance:164.95-165.05 mm (6.4941-6.498 in)Crankshaft journal diameter:59.967-59.975 mm (2.3609-2.3612 in)Crankshaft center distance:47.97-48.03 mm (1.8886-1.8909 in)main bearing beam bolts tightening procedure and torque specs:46-52 Nm; 4.7-5.3 kgm; 34-38 ftlb in two-three stagesAfter securing bearing cap bolts, make sure the crankshaft turns smoothly by hand. Connecting rod bearing nutStep 1: 14-16 Nm; 1.4-1.6 kgm; 10-12 ftlbStep 2: Turn nuts 60-65 Crankshaft pulley bolts 93-10.5 kgm; 69-76 ftlb Cylinder head The cylinder head is made of aluminum alloy. The Nissan KA24DE motor use four valves are 31.3 mm (1.23 in). The camshaft is driven by a roller chain driven by a roller chain driven by a roller chain driven by a chain tensioner which is operated by spring and oil pressure. Cylinder headValve Arrangement:DOHC, chain driveValves:16 (4 valves per cylinder)Valve head diameter:INTAKE36.5-36.7 mm (1.437-1.4449 in)EXHAUST31.2-31.4 mm (1.2283-1.2362 in)Valve stem diameter:INTAKE6.965-6.980 mm (0.2742-0.2748 in)EXHAUST6.945-6.960 mm (0.2734-0.274 in)Valve spring free length:INTAKE44.6 mm (1.7559 in)EXHAUST44.6 mm (1.7559 in)EXHAUS (0.0122-0.0154 in)Exhaust valve clearance (HOT):0.33-0.41 mm (0.013-0.0161 in)Compression pressureStandard1.236 kPA; 1.0 kg/cm2; 14 psi / 300 rpmOil systemOil consumption, L/1000 km (qt. per miles)up to 0.5 (1 qt. per 1200 miles)Recommended engine oilSAE 5W-30,10W-30, 10W-40Oil type APISGEngine oil capacity (Refill capacity)With oil filter: 3.8 liters (4.02 US.qts, 3.34 Imp. qts)Oil change interval, km (miles)10,000 (6,000)Oil pressure412-481 kPA; 4.2-4.9 kg/cm2 (60-70 psi) at 3,000 rpmIgnition systemSpark plugNGK: BKR5E-11, BKR7E-11Spark plug gap1.0-1.1 mm (0.039-0.043 in)Spark plug tightening torque20-29 Nm; 2.0-3.0 kgm; 14-22 ftlb*-Shims are available in 37 sizes from 1.96 mm (0.0772 in) to 2.68 mm (0.1055 in), in steps of 0.02 mm (0.0008 in) Vehicle applicationsModelYears ProducedNissan Xterra2000-2004Nissan Xterra Navara (D22)1998-2016Nissan Frontier (D22)1998-2016Nissan Rnessa (4WD, JDM)1999-2001Nissan Rnessa (4WD, JDM)1999-2001Nissan Bluebird U131993-1997Isuzu COMONissan Terrano II1993-1996Nissan Altima (KA24DE-A)1993-2001 ATTENTION! Dear visitors, this site is not a trading platform, an official dealer or a spare parts supplier, so we do not have any price lists or spare parts catalogs. We are an information portal and provide the technical specifications of gasoline and diesel engines. We are an information portal and provide the technical specifications of gasoline and diesel engines. We are an information portal and provide the technical specifications of gasoline and diesel engines. We are an information portal and provide the technical specifications of gasoline and diesel engines. We are an information portal and provide the technical specifications of gasoline and diesel engines. We are an information portal and provide the technical specifications of gasoline and diesel engines. information may occur. We do not provide advice on technical issues related to the engines operation or repair. We do not recommend using provided information for engines and spare-parts catalogs. FORUM! Dear visitors, now our site has a FORUM where you can ask all {"font_family":"Arial","font_size":"30","icon_size":"30","icon_size":"60","icon_font_size":"24","box_max_height":"400","brand":"","contact_name_color":"","contact_availability_color":"","box_message_word_break":"break-all"}> The Nissan Hardbody, known for its durability and reliability. features a robust 2.4-liter 16-valve engine. This engine is part of the Nissan KA series and has been widely recognized for its performance in various applications, including trucks and SUVs. Below are detailed specifications for the Nissan Hardbody 2.4 16V engine. SpecificationDetailsEngine TypeInline 4-cylinderDisplacement2.4 liters (2389) cc)ValvetrainDOHC, 16 valvesCompression Ratio9.5:1Maximum Power143 hp (106 kW) at 5,600 rpmMaximum Torque154 lb-ft (209 Nm) at 4,000 rpmFuel SystemMulti-Point Fuel Injection (MPFI)Fuel TypeRegular unleaded gasolineCooling SystemWater-cooledIgnition SystemDistributor-less ignition system (DIS)Engine WeightApproximately 350 lbs (159 kg) The Nissan Hardbody 2.4 16V engine is designed with an inline-4 configuration, which is known for its balance of performance and efficiency. This configuration allows for a compact design while providing adequate power for both urban and off-road driving. Key Features of the Engine ConfigurationInline 4-cylinder: This design contributes to a lower center of gravity, enhancing vehicle stability. Double Overhead Camshaft (DOHC): This setup allows for better airflow and improved performance at higher RPMs. 16 Valves: The 16-valve configuration aids in efficient combustion, resulting in better fuel economy and power output. Engine Oil Specifications Proper maintenance of the Nissan Hardbody 2.4 16V engine includes using the correct engine oil. The specifications for engine oil are crucial for ensuring optimal performance and longevity. Oil Specification PetailsOil TypeSynthetic or ConventionalViscosity Rating10W-30 or 10W-40API RatingAPI SN or higherOil Capacity (with filter)4.5 quarts (4.3 liters) Nissan Silvia S15: Engine Specs and Maintenance GuideService Intervals Regular maintenance is essential for the performance and reliability of the Nissan Hardbody 2.4 16V engine. Below are recommended service intervals For oil changes and other critical maintenance tasks. Oil Change Intervals Every 3,000 to 5,000 miles (4,800 to 8,000 km) for conventional oil. Every 5,000 miles (4,800 to 8,000 km) for conventional oil. to 7,500 miles (8,000 to 12,000 km) for synthetic oil.Other Maintenance TasksAir Filter Replacement: Every 30,000 miles (48,000 km). Fuel Filter Replacement: Every 30,000 miles (48,000 km). Spark Plug Replacement: Every 30,000 miles (48,000 km). Fuel Filter Replacement: Every 30,000 miles (48,000 km). Fuel Filter Replacement: Every 30,000 miles (48,000 km). Spark Plug Replacement: Every 30,000 miles (48,000 km). Fuel Filter Replacement: Every 30,000 miles (48,000 km). Spark Plug Replacement: Every 30,000 miles (48,000 km). Fuel Filter Replacement: Every 30,000 km). Fuel Filter Replacement: Every 30,000 km miles (4 needed. Conclusion The Nissan Hardbody 2.4 16V engine is a well-engineered powerplant that combines efficiency, durability, and performance requirements is essential for owners looking to keep their vehicles in optimal condition. Regular oil changes and adherence to service

NISSAN HARDBODY 2.4L 16V KA24 ENGINE Vehicle Brand: NissanEngine Fuel Type: PetrolEngine Model: Hardbody 2.4l KA20 engine for sale embodies Nissans commitment to performance, reliability, and innovation. The 2.4L KA20 engine is a 4-cylinder inline (I4) engine with a displacement of 2,389 cc. It has a bore of 89 mm and a stroke of 96 mm. Designed to deliver robust power and smooth operation, this engine replacement or seeking to enhance your vehicles performance capabilities, the KA20 engine offers a

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intervals will ensure that this reliable engine continues to perform at its best for years to come. Or open the survey in a new tab: Take the Survey EAS Engine and Gearbox Supply specializes in importing and selling high-quality used engines, gearboxes, cylinder heads, and turbos. With over 20 years of experience in the industry, we are committed to providing our customers with reliable products and exceptional service. Whether your a local consumer or a wholesale client, we ensure that you find the right components to meet your needs. At EAS Engine and Gearbox Supply, we pride ourselves on being a trusted source for used engines, gearboxes, cylinder heads, and turbos. With two decades of expertise, we cater to both individual buyers and wholesale clients, delivering top-notch products and outstanding customer support. Our mission is to help you power your vehicles with quality components at competitive prices.#enginesandgearboxes#enginsforsale#gearboxesforsale