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Hatchback Renault Clio 2003 1.4 16V has been produced from November, 2003 to September, 2005. It has four-cylinder petrol engine with displacement of 1.4 litres, which produces power of 98 horsepower on 6000 rpm and torque 127 Nm (Newton metres) on 3750 revolutions per minute. This 4-cylinder 16-valve engine camshaft is driven by belt (What is an engine chain and belt?). Engine has fuel injection system without turbocharger. Engine versions compliant with Euro 3 and Euro 4 emission standards available.More engine specs This Renault Clio 1.4 engine oil type is 5W-30, 5W-40 and oil capacity is 4.6 litres. Renault Clio 2003 1.4 16V has front wheel drive (FWD) and manual gearbox with 5 gears.Renault Clio 2003 1.4 16V accelerates to speed 100 kilometres per hour in 10.5 seconds. The maximum speed of this car is 185 km/h. The fuel consumption of this Renault Clio 2003 1.4 16V in combined mode (combining urban and highway driving) is 6.7 litres per 100km (14.9 km/l), fuel consumption in city - 9.2 l/100km, highway fuel economy - 5.3 l/100km. Fuel tank capacity is 50 litres or 13.21 gallons, which gives a mileage up to 740 kilometers without refueling in urban cycle and even up to 940 kilometers on highway.According to user reviews, this Renault real everyday fuel consumption is 7.3 litres per 100 km, which is 9% more than the manufacturer's stated. More - Real Renault Clio fuel consumption. With the same engine there is also Renault Clio version with automatic gearbox (Renault Clio 2003 1.4 16V AT) available, which is more sluggish, reaching 100 km/h 2.4 seconds later (in 12.9 seconds), moreover, it is less economic with manufacturer's fuel consumption is higher by 0.6 litres per 100 km or 9 % - 7.3 litres per 100 km, whereas users reported real fuel consumption is higher by 0.9 litres per 100 km or 12 % - 8.2 litres per 100 km. Renault Clio 2003 1.4 16V engine K4J Carmakers tend to use similar engines with different parameters for models available in different markets and time periods. All Renault Clio hatchback [2003 - 2005] modifications Modification Engine - all - only petrol only diesel Power Consumption Gearbox - all - only manual only automatic Renault Clio 2003 1.1 1.2 Most fuel efficient petrol version by real consumption 1.1 Petrol 60 HP 6.0 l/100km Manual (5) Renault Clio 2003 1.1 1.2 16V Most fuel efficient petrol version 1.1 Petrol 75 HP 5.9 l/100km Manual (5) Renault Clio 2003 1.1 1.2 16V Most fuel efficient petrol version 1.1 Petrol 75 HP 5.9 l/100km Automatic (5) Renault Clio 2003 1.4 16V 1.4 Petrol 98 HP 6.7 l/100km Manual (5) Renault Clio 2003 1.4 16V 1.4 Petrol 98 HP 7.3 l/100km Automatic (4) Renault Clio 2003 1.5 DCi 1.5 Diesel 65 HP 4.3 l/100km Manual (5) Renault Clio 2003 1.5 DCi Most fuel efficient diesel version 1.5 Diesel 80 HP 4.2 l/100km Manual (5) Renault Clio 2003 1.5 DCi Most powerfull diesel version (100 HP) 1.5 Diesel 100 HP 4.3 l/100km Manual (5) Renault Clio 2003 1.6 16V Most dynamic version - 100 km/h in 9.6 seconds 1.6 Petrol 110 HP 7.2 l/100km Manual (5) Renault Clio 2003 1.6 16V Most powerfull petrol version (110 HP) 1.6 Petrol 110 HP 7.4 l/100km Automatic (4) Share to social networks or e-mail Renault Clio 2003 reviews Car reviews and technical specs - choose car manufacturer - Alfa Romeo Audi BMW Chevrolet Chrysler Citroen Cupra Dacia Dodge Fiat Ford Honda Hyundai Infiniti Isuzu Jaguar Jeep Kia Lada (VAZ) Land Rover Lexus Mazda Mercedes Mini Mitsubishi Moskvich Nissan Opel Peugeot Porsche Renault Rover SAAB Seat Skoda Smart Subaru Suzuki Toyota Volkswagen Volvo - choose car model - Cars similar to the 2003 Renault Clio II 1.4 16v Automatic (2004) Cars similar to the 2003 Renault Clio II 1.4 16v (2004) English ▼ Renault Clio II 1.4 16v is a front wheel drive (FWD) hatchback that has 5 seats and 5 doors. This model is manufactured for the first time in 2003. The vehicle has the following dimensions: length - 3813.00 mm, height - 1417.00 mm, width - 1639.00 mm. Furthermore, the front and rear track are 1391.00 mm and 1372.00 mm respectively and the wheelbase is 2471.00 mm. 120.00 mm is this vehicle's ground clearance. Its curb weight is 1000 kg. Renault Clio II 1.4 16v has a 1390 cc, naturally-aspirated, 4-cylinder engine with 4 valves per cylinder and double overhead camshaft (DOHC). It is placed in the front of the vehicle and has a transverse alignment. Its cylinders are inline-arranged. The length of the piston stroke is 70.00 mm and the diameter of the cylinders is 79.50 mm . The compression ratio is 10.00:1. The engine generates maximum power of 72 kW / 98 ps at 6000 rpm and maximum torque of 127 Nm at 3750 rpm. This model has a multi-point fuel injection (MPFI) fuel system. A wet sump oiling system of the engine is used for lubricating its parts. The vehicle can accelerate from 0 to 100 km/h for 10.50 s. For 32.30 s the automobile makes one kilometer and for 17.60 s - a quarter mile. This model has a 1.8900 m2 frontal area, its drag coefficient being 0.35 and the drag area - 0.6615 m2. The Renault Clio II 1.4 16v has a 5-speed manual transmission. This automobile has an urban fuel consumption of 9.16 l/100 km, extra urban of 5.33 l/100 km and combined fuel consumption of 6.68 l/100 km. The fuel tank has a capacity of 50.00 l. The CO2 emission rating is 160 g/km. The vehicle's steering system is variable power assisted rack and pinion type. The number of complete rotations made by the steering wheel from one extreme position to another is 3.4. The front suspension includes anti-roll bar, independent, lower wishbone, MacPherson strut and the rear suspension - anti-roll bar, independent, trailing arm, torsion bar. This automobile has a turning circle of 10.70 m. The size of the front wheels is 5.5J x 14. The size of the rear wheels is 5.5J x 14. The size/type of the front tyres is 175/65 R 14. The tyres in the rear are 175/65 R 14. The front brakes have with ventilated disks. The rear brakes are equipped with drums, servo assistance, anti-lock braking system (ABS). The diameter of the front brakes is 259.00 mm and the one of the rear brakes is 203.00 mm.Brand nameThe name of the company, which has manufactured this vehicle.RenaultSeriesThe series the vehicle's model belongs to.ClioModel nameThe model name of the vehicle.Clio II 1.4 16vModel codeThe code provided by the manufacturer, which marks this model.BB0PEGModel familyA family this model belongs to.Generation 2004Produced sinceThe year since the model has been in production.2003Type of vehicleInformation about the body type of this vehicle.hatchbackDrive systemThe type of the drive system used in the vehicle.front wheel drive (FWD)Number of seatsThe number of seats the vehicle has.5Number of doorsThe number of doors the vehicle has.5LengthThe distance from the rear-most point to the front-most point of the vehicle.3813.00 mm (millimeters)150.1181 in (inches)12.5098 ft (feet)WidthThe width of the vehicle. Devices like door handles, mirrors and lights usually are not included in the calculation of the width. The width is measured with doors and windows closed and the wheels in a straight-ahead position.1639.00 mm (millimeters)64.5276 in (inches)5.3773 ft (feet)HeightThe distance from the floor to the top-most part of the vehicle.1417.00 mm (millimeters)55.7874 in (inches)4.6490 ft (feet)WheelbaseThe horizontal distance between the centers of the front and rear wheels. The distance between the front and rear axle.2471.00 mm (millimeters)97.2835 in (inches)8.1070 ft (feet)Front trackThe distance between the centers of the wheels on the front axle.1391.00 mm (millimeters)54.7638 in (inches)4.5636 ft (feet)Rear trackThe distance between the centers of the wheels on the rear axle.1372.00 mm (millimeters)54.0157 in (inches)4.5013 ft (feet)Ground clearanceThe distance from the lowest hanging point under the vehicle to the ground, measured with standard vehicle equipment, without cargo or passengers.120.00 mm (millimeters)4.7244 in (inches)0.3937 ft (feet)WeightThe weight of a vehicle with standard equipment and all necessary operating consumables, without passengers or cargo.1000 kg (kilograms)2204.62 lb (pounds)Weight front/rearThe percentage of weight distribution on the front and rear tyres.63.00% / 37.00%Engine manufacturerThe name of the company, which has manufactured the enginge.RenaultEngine codeThe code of the engine.K4JEngine displacementThe total volume of the air/fuel mixture an engine can produce during one complete cycle. The engine displacement is the sum if the displacement of its cylinders, which includes the volume of the space between the upper and lower dead point of every cylinder.~ 1.4 l (liters)1390 cc (cubic centimeters)Number of cylindersThe total number of cylinders in the engine. A cylinder is the space, in which a piston moves between it's upper and lower dead point.4Cylinder arrangementInformation on how the cylinders in the engine are arranged. Some of the most common arrangements are: Inline, V and Boxer (opposite).inlineValves per cylinderMost engines have two or more valves per cylinder to control the flow of gases and fluids at proper timings. Intake valves are used to control the flow of air and fuel into each cylinder, while the exhaust valves make sure exhaust gases leave the cylinder.4BoreThe diameter of the cylinder in the engine. Most internal combustion engines have bores in the 70 mm - 105 mm range.79.50 mm (millimeters)3.1299 in (inches)0.2608 ft (feet)StrokeThe length of the piston stroke within the cylinders. The distance the piston travels back-and-forth between it's upper and lower dead point.70.00 mm (millimeters)2.7559 in (inches)0.2297 ft (feet)Compression ratioThe ratio between the largest and the smallest volume of the combustion chamber when the piston is at the top of its stroke (smallest volume) and the bottom of its stroke (largest volume).10.00:1BMEPBreak mean effective pressure is the average pressure that acts on the piston. The higher the pressure is, the more optimized design has been achieved. BMEP takes into account engine's volume, rpm and power output.166.53 psi (pounds per square inch)1148.18 kPa (kilopascals)11.48 bar (bars)AspirationThe type of aspiration. Some engines are naturally aspirated, while others are turbo/supercharged.naturally-aspiratedEngine designThe design of the engine in regards to the number and arrangement of camshaft(s), intake and exhaust valves, etc.double overhead camshaft (DOHC)Sump typeThe lubricating oil system used to oil the engine's parts. Lubrication prevents friction and respectively - wearing out of the elements, which are in contact while the engine is working. There are two main types of sump systems - wet and dry.wet sumpMain bearingsThe main bearings are the bearings on which the crankshaft rotates. The number of main bearings depends on the engine type.-CoolantThe type of engine coolant system used to remove the heat from the engine.liquidIntercoolerAn air-to-air or air-to-liquid heat exchange device used between the turbo and the intake manifold to reduce the temperature of the air, which increases its density.noEngine locationThe location of the engine in the vehicle - whether it is front mounted, middle mounted or rear mounted.frontEngine alignmentThe alignment/orientation of the engine in the vehicle. A transverse engine is mounted so that the engine's crankshaft axis is perpendicular to the long axis of the vehicle. Longitudinal engine is mounted so that the crankshaft is paralel to the long axis of the vehicle.transverseFuel systemThe fuel system type used to store and supply fuel in the cylinder chamber.multi-point fuel injection (MPFI)Catalytic converterIt reduces the toxicity of the emissions from the engine by causing a chemical reaction that transforms harmful gases into less harmful substances.yesMax powerThe maximum amount of power the engine can produce.72 kW (kilowatts)98 ps (Pferdestärke)97 hp (horse power)Max power at rpmThe number of revolutions per minute at which the engine produces its maximum power.6000 rpm (revolutions per minute)Max torqueThe maximum torque the engine can produce. Torque is the turning effect, produced when force is applied to rotate an object around an axis, fulcrum, or pivot.127 Nm (newton meters)93 ft-lb (foot-pounds)13 kgm (kilogram meters)Max torque at rpmThe number of revolutions per minute at which the engine produces its maximum torque.3750 rpm (revolutions per minute)Max speedThe maximum speed the vehicle can achieve.186 km/h (kilometers per hour)115.58 mph (miles per hour)Max rpmThe maximum number of revolutions per minute of the crankshaft the engine is allowed to run.-0 - 60 mphThe time in seconds in which the vehicle accelerates from 0 to 60 miles per hour.-0 - 100 km/hThe time in seconds the vehicle needs to accelerate from 0 to 100 kilometers per hour.10.50 s (seconds)Quarter mile timeThe time in seconds the vehicle needs to do a quarter mile.17.60 s (seconds)Drag coefficient (Cd/Cx/Cw)Quantifies the resistance (drag) of the vehicle, while moving through the air. Contemporary automobiles achieve a drag coefficient from 0.30 to 0.35. Cd is also known as Cx in France and Cw in Germany0.35Frontal area (A)The total surface area of the front of a vehicle that is exposed to the air flow.1.8900 m2 (square meters)2929.5059 in2 (square inches)20.3438 ft2 (square feet)Drag area (CdA)Expresses the aerodynamic efficiency of the vehicle and is measured by multiplying the drag coefficient (Cd) and the frontal surface area (A). The lower the drag area is the more efficient aerodynamically the vehicle is.0.6615 m2 (square meters)1025.3271 in2 (square inches)7.1203 ft2 (square feet)Fuel capacityThe maximum amount of fuel that the vehicle's fuel tank can hold.50.00 l (liters)13.21 US gal (US gallons)11.00 UK gal (UK gallons)Fuel consumption - urbanThe amount of fuel used by the vehicle to cover the distance of 100 kilometers where the speed varies from 0 to 50 km/h.9.16 l (liters)2.42 US gal (US gallons)2.01 UK gal (UK gallons)Fuel consumption - extra urbanThe amount of fuel used by the vehicle to cover the distance of 100 kilometers where the speed varies from 80 to 120 km/h.5.33 l (liters)1.41 US gal (US gallons)1.17 UK gal (UK gallons)Fuel consumption - combinedThe average amount of fuel consumed by the vehicle per unit distance in urban and extra-urban traffic.6.68 l (liters)1.76 US gal (US gallons)1.47 UK gal (UK gallons)CO2 emissionsInformation about the carbone dioxide emitted by the vehicle. The average CO2 emissions rating is 167 grams of carbon dioxide per kilometer driven.160 g/km (grammes per kilometer)Suspension frontInformation about the front suspension mechanism used in the vehicle. The mechanical system that connects the wheels and axles to the chassis of the vehicle.anti-roll barindependentlower wishboneMacPherson strutSuspension rearInformation about the rear suspension mechanism used in the vehicle. The suspension contributes to the vehicle's handling and braking, isolates the passengers from the road noise and vibrations.anti-roll barindependenttrailing armtorsion barTransmissionA transmission a.k.a gearbox adapts the output of the engine to the drive wheels. The transmission can increase the torque while reducing the speed of the crankshaft or do the opposite - reduce the torque while increasing the speed of the crankshaft.manualNumber of gearsThe number of gears in the transmision of the vehicle.5Top gear ratioThe gear ratio of the top gear. The gears ratio expresses the ratio between the number of teeth of the larger gear and the pinion, or simply put the ratio between the gears radiuses/diameters. E.g. the ratio of a gear with 24 teeth and a pinion with 13 teeth is 1.84:1.-Final drvie ratioThe final drive ratio expresses the ratio between the number of rotations of the drive shaft for one rotation of a wheel or the ratio between the number of revolutions of the pinion for one revolution of the drive axle.-Brakes frontThe brake system used on the front wheels. In general, the brake system transmits the force from the brake pedal to the brake pads, which allows the vehicle to slow down and stop.ventilated disksBrakes rearInformation about the brake system used on the rear wheels.drumsservo assistanceanti-lock braking system (ABS)Front brake diameterThe diameter of the front brake disks. The brake disk is located between the brake pads, which when forced against both sides of the disk slow and stop the rotation of the wheel.259.00 mm (millimeters)10.1969 in (inches)0.8497 ft (feet)Rear brake diameterThe diameter of the rear brake disks.203.00 mm (millimeters)7.9921 in (inches)0.6660 ft (feet)Wheels frontThe size/type of the front wheels. For example in "7.5J x 16", the first number represents the width in inches, the second one represents the height in inches. The letter J represents the wheel contour.5.5J x 14Wheels rearThe size/type of the rear wheels used in the vehicle.5.5J x 14Tyres frontThe size/type of the front tyres. For example in the tyre code "225/55 R 16" the first number stands for width in mm, the second number stands for aspect ratio of height to width in %, R stands for construction type (radial) and 16 stands for wheel diameter in inches. 175/65 R 14Tyres rearThe size/type of the rear tyres used in the vehicle.175/65 R 14Turning circleThe smallest possible diameter of the circle described by the outside wheels when the vehicle is turning on full lock.10.70 m (meters)421.2598 in (inches)35.1050 ft (feet)SteeringInformation about the design of the mechanism used in the vehicle which allows it to follow the desired course. The steering mechanism aims to ensure that the wheels are pointing in the desired directions.variable power assisted rack and pinionTurns lock to lockThe number of complete rotations a steering wheel makes when turned from one extreme lock position to the other. For example, from extreme left to extreme right.3.4 Renault Renault Clio Clio II (Phase III, 2003) 5-door 1.6 16V (107 Hp) Automatic 1.6 16V (107 Hp) 1.5 dCi (101 Hp) 1.5 dCi (82 Hp) 1.5 dCi (65 Hp) 1.4 16V (98 Hp) Automatic 1.4 16V (98 Hp) 1.2 16V (75 Hp) Quickshift 1.2 16V (75 Hp) 1.2 (60 Hp) What is the body type, Renault Clio II (Phase III, 2003) 5-door?Hatchback, 5 Doors, 5 SeatsWhat is the fuel economy, Renault Clio II (Phase III, 2003) 5-door 1.4 16V (98 Hp)? 6.7 l/100 km 35.11 US mpg 42.16 UK mpg 14.93 km/lHow ECO is the car, Renault Clio 1.4 16V (98 Hp)?160 g/km CO2Euro 3 D4How fast is the car, 2003 Clio II (Phase III, 2003) 5-door 1.4 16V (98 Hp)?185 km/h | 114.95 mph0-100 km/h: 10.5 sec0-60 mph: 10 secHow much power, Renault Clio Hatchback 2003 1.4 16V (98 Hp)?98 Hp, 127 Nm93.67 lb.-ft.What is the engine size, Renault Clio Hatchback 2003 1.4 16V (98 Hp)?1.4 l1390 cm3 84.82 cu. in.How many cylinders, 2003 Renault 1.4 16V (98 Hp)?4, InlineWhat is the drivetrain, Renault Clio II (Phase III, 2003) 5-door Hatchback 2003 1.4 16V (98 Hp)?Front wheel drive. Internal Combustion engine. The Internal combustion engine (ICE) drives the front wheels of the vehicle.How long is this vehicle, 2003 Renault Clio Hatchback?3811 mm150.04 in.How wide is the vehicle, 2003 Renault Clio Hatchback?1639 mm64.53 in.What is the curb weight, 2003 Renault Clio II (Phase III, 2003) 5-door 1.4 16V (98 Hp)?1000 kg2204.62 lbs.What is the gross weight, 2003 Renault Clio II (Phase III, 2003) 5-door 1.4 16V (98 Hp)?1535 kg3384.1 lbs.How much trunk (boot) space, 2003 Renault Clio Hatchback?255 - 1037 l9.01 - 36.62 cu. ft.How many gears, What type is the gearbox, 2003 Renault Clio II (Phase III, 2003) 5-door 1.4 16V (98 Hp)?5, manual transmission General information BrandRenault Model Clio Generation Clio II (Phase III, 2003) 5-door Modification (Engine) 1.4 16V (98 Hp) Start of production 2003 year End of production 2006 year Powertrain Architecture Internal Combustion engine Body typeHatchback Seats 5 Doors 5 Performance specs Fuel consumption (economy) - urban 9.2 l/100 km 25.57 US mpg30.7 UK mpg10.87 km/l Fuel consumption (economy) - extra urban 5.3 l/100 km 44.38 US mpg53.3 UK mpg18.87 km/l Fuel consumption (economy) - combined 6.7 l/100 km 35.11 US mpg42.16 UK mpg14.93 km/l CO2 emissions160 g/km Fuel Type Petrol (Gasoline) Acceleration 0 - 100 km/h10.5 sec Acceleration 0 - 62 mph10.5 sec Acceleration 0 - 60 mph (Calculated by Auto-Data.net) 10 sec Maximum speed 185 km/h 114.95 mph Emission standard Euro 3 D4 Weight-to-power ratio 10.2 kg/Hp, 98 Hp/tonne Weight-to-torque ratio 7.9 kg/Nm, 127 Nm/tonne Engine specsPower 98 Hp @ 6000 rpm. Power per litre 70.5 Hp/l Torque 127 Nm @ 3750 rpm. 93.67 lb.-ft. @ 3750 rpm. Engine layout Front, Transverse Engine Model/Code K4J Engine displacement 1390 cm3 84.82 cu. in. Number of cylinders 4 Engine configuration Inline Cylinder Bore 79.5 mm 3.13 in. Piston Stroke 70 mm 2.76 in. Compression ratio 10:1 Number of valves per cylinder 4 Fuel injection system Multi-port manifold injection Engine aspiration Naturally aspirated engine Valvetrain DOHC Engine oil capacity 4.9 l 5.18 US qt | 4.31 UK qt Engine oil specification Log in to see. Coolant 5.7 l 6.02 US qt | 5.02 UK qt Space, Volume and weights Kerb Weight 1000 kg 2204.62 lbs. Max. weight 1535 kg 3384.1 lbs. Max load 535 kg 1179.47 lbs. Trunk (boot) space - minimum 255 l 9.01 cu. ft. Trunk (boot) space - maximum 1037 l 36.62 cu. ft. Fuel tank capacity 50 l 13.21 US gal | 11 UK gal Max. roof load 70 kg 154.32 lbs. Permitted trailer load with brakes (12%) 1200 kg 2645.55 lbs. Permitted trailer load without brakes 535 kg 1179.47 lbs. Permitted towbar download 75 kg 165.35 lbs. Dimensions Length 3811 mm 150.04 in. Width 1639 mm 64.53 in. Width including mirrors 1911 mm 75.24 in. Height 1417 mm 55.79 in. Wheelbase 2471 mm 97.28 in. Front track 1406 mm 55.35 in. Rear (Back) track 1386 mm 54.57 in. Front overhang 739 mm 29.09 in. Rear overhang 600 mm 23.62 in. Ride height (ground clearance) 120 mm 4.72 in. Minimum turning circle (turning diameter) 10.3 m 33.79 ft. Drivetrain, brakes and suspension specsDrivetrain Architecture The Internal combustion engine (ICE) drives the front wheels of the vehicle. Drive wheel Front wheel drive Number of gears and type of gearbox 5 gears, manual transmission Front suspension Independent, type McPherson with coil spring and anti-roll bar Rear suspension Semi-dependent beam with stabilizer lateral stability Front brakesDisc Rear brakesDrum Assisting systemsABS (Anti-lock braking system) Steering type Steering rack and pinion Power steering Hydraulic Steering Tires size 175/65 R14; 185/55 R15 Wheel rims size5.5J x 14; 6J x 15