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This engine was manufactured by Toyota Motor Company from 1986 to 2003. The Toyota 3S-FE features a cast-iron cylinder block and aluminum head with two camshafts (DOHC) and four valves per cylinder (two intakes and two exhaust). The 3S-FE engine has VVT-i (Variable Valve Timing with intelligence) for the intake side (after 1996), Electronic fuel injection (EFI), and a distributorless ignition system for the later version or distributor ignition system for an early version.

[Toyota 3S-FE \(2.0L, DOHC\) engine: review and specs ...](#)

The 3S-FE was also used in some MR2 Mk2 cars due to its torque band being suitable for the automatic models. The 3S-FE is fitted with EFI. The 3S-FE engine is fitted with a cast iron crankshaft, whereas the 3S-GE/GELU engines have forged crankshafts. The 3S-FSE was a direct injection engine with Toyota D4 system. A cam driven high pressure fuel pump is at the #4 end of the head.

[Toyota S engine - Wikipedia](#)

The Toyota 3S-FE is a 16-valve 2.0L twin camshaft, single cam gear engine built by Toyota from 1986 to 2000. European version produces 128 PS (94 kW) (126 hp) at 5,600 rpm and 179 Nm (132 ft-lbs) at 4,400 rpm. It is commonly used in the: Camry 1987 – 1992. Celica T160/T180/T200.

[Toyota 3S-FE Engine Repair Manual \(RM395\) - PDF Download](#)

ENGINE MECHANICAL – Description (3S – GTE) EM – 4. The 3S – GTE engine is an in – line, 4 – cylinder engine with the cylinders numbered 1 – 2 – 3 – 4 from the front. The crankshaft is supported by 5 bearings inside the crankcase. These bearings are made of aluminum alloy. The crankshaft is integrated

with 8 weights for balance.

## ~~TOYOTA ENGINE MANUAL 4A-FE, 3S-GTE, 5S-FE~~

Toyota 3S-GE engine (3SGTE, 3SFE) reliability, problems and repair Toyota 3S is one of the most mass produced motors of Toyota S-series. The production of 3S started in 1984 on the basis of 2S cylinder block. The diameter of 3S cylinders is up to 86 mm. Toyota 3S also has a new crankshaft with a piston stroke of 86 mm.

## ~~Toyota 3S Engine (3SGTE, 3SFE) | Tuning, differences, specs~~

2.0L 3S-FE engine This is a very comprehensive workshop service manual for your RAV4. This manual contains procedures for diagnosis, maintenance, adjustments, minor service operations, replacements of components and for disassembly and assembly of major components. You will never be disappointed with the contents of this service manual.

## ~~1996-2000 TOYOTA RAV4 3SFE FACTORY SERVICE MANUAL~~

Toyota RAV4 RAV-4 XA10 Repair Service Workshop Manual Years: 1994 1995 1996 1997 1998 1999 2000 Engines Covered: 2.0 L 3S-FE I4 (petrol) 2.0 L 3S-GE I4 (petrol)

## ~~Toyota Rav 4 Repair Manual~~

Toyota 3S-FE engine Cambelt series Part 2 - Cam Seal Replacement. Quick how to guide enjoy.

## ~~Toyota 3S-FE Setting up timing before belt removal - YouTube~~

However, in the case of Toyota 3S-FE / 3S-FSE engines the cause of failure is insufficient strength of connecting rod bolts. Firstly it was realized by those who broke the conrod bolts when tightening it even to the specified torque during engine overhaul, and by spare parts distributors.

## ~~Toyota 3S engines and broken connecting rod~~

3S-FE (1986-2003) - basic engine of the series - powerful, reliable and unpretentious. Without critical defects, but non ideal - rather noisy, coming-with-age oil consumption, overloaded timing belt (also drives water pump and oil pump), the engine tilted to bulkhead (access to intake manifold and injectors is difficult).

## ~~Toyota engines review~~

View and Download Toyota 3S-GE repair manual online. 3S-GE engine pdf manual download. Also for: 3s-gte, 5s-fe.

## ~~TOYOTA 3S-GE REPAIR MANUAL Pdf Download | ManualsLib~~

The Toyota 5A-FE is a 1,5 l (1,498 cc, 91.4 cu-in) straight-four 4-stroke natural aspirated gasoline engine from Toyota A-family. This engine was manufactured by Toyota Motor Company from 1988 to 2003. The Toyota 5A-FE features a cast-iron cylinder block and aluminum head with two camshafts (DOHC) and four valves per cylinder (two intakes and two exhaust).

## ~~Toyota 5A-FE (1.5 L, DOHC) engine: review and specs ...~~

The 3S engine is a belt, every 100 thousand km the belt needs to be changed. During the entire production period, the engine was repeatedly refined, modified, and if the first models were carburetor 3S-FC, then the last is a 3S-GTE turbo with a capacity of 260 hp. See also: Toyota repair manuals

## ~~Toyota engine 3S-FE/3S-FSE error codes list | Automotive ...~~

3MZ-FE Toyota Harrier. 3RZ Toyota Hilux, Toyota Hilux SURF, Toyota LAND CRUISER PRADO, Toyota Regius. 3RZ-FE Toyota HIACE REGIUS, Toyota Regius. 3S Toyota ALTEZZA, Toyota Caldina, Toyota Camry, Toyota Carina ED, Toyota Celica, Toyota CURREN, Toyota GAIA, Toyota IPSUM,

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Toyota MR2, Toyota Nadia, Toyota RAV4, Toyota TOWNACE NOAH, Toyota Vista. 3S ...

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Toyota's 3S-GE engine is a 2.0-liter inline-four cylinder, naturally aspirated gasoline engine, produced from 1984 to 2005. It is a high-performance NA version out of the 3S engine series, jointly developed with Yamaha's engineers. This engine was used mostly in Toyota's sporty models such as the Toyota Celica, MR2, Camry/Vista Twin Cam 2000, and Caldina Active Sports GT.

~~Toyota 2.0L 3S-GE Gen 1/2/3/4/5 Engine Specs, Info ...~~

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