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~~RAV4 Celica 3S-FE~~

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~~FE Sv21 Toyota~~

~~Camry 3s fe Engine~~

~~explodes and~~

~~keeps running~~

~~Toyota 3S-FE~~

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ТОЙОТА 3S-GTE

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~~test run No Start,
No Spark, No
Injector Pulse
(faulty crank
sensor)~~

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the old Toyota 2.0
(3S-FE) engine!

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Diagram Toyota

3SGE 3SGTE - What
makes it GREAT?

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3S BEAMS ENGINE

FEELS. (A Class

Vlog#14) 90 Celica

GT 3sfe Turbo PT2

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tuning Rav4 3sfe
turbo on the dyno
~~Toyota 3s Fe
Engine Work~~

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

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Toyota 3s Fe

(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

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the later version or distributor ignition system for an early version.

~~Toyota 3S FE (2.0 L, 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

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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

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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

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Toyota 3s Fe

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)~~

Page 16/36

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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

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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,

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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

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crankshaft with a
piston stroke of 86
mm.

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~~Toyota 3S Engine~~

~~(3SGTE, 3SGE) |~~

~~Tuning,~~

~~differences, specs~~

2.0L 3S-FE engine

This is a very

comprehensive

workshop service

manual for your

RAV4. This manual

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Engine Work

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contains procedures for diagnosis, maintenance, adjustments, minor service operations, replacements of components and for disassembly and assembly of major components.

You will never be dissapointed with the contents of this

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Shop 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-

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FE I4 (petrol) 2.0 L

3S-GE I4 (petrol)

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engine Cambelt

series Part 2 - Cam

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~~before belt removal~~

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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

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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.

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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).

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~~Toyota engines
review~~

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download. Also for:
3s-gte, 5s-fe.

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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

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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

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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

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hp. See also:
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~~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-

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FE Toyota HIACE
REGIUS, Toyota
Regius. 3S Toyota
ALTEZZA, Toyota
Caldina, Toyota
Camry, Toyota
Carina ED, Toyota
Celica, Toyota
CURREN, Toyota
GAIA, Toyota
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Toyota RAV4,
Toyota TOWNACE

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~~Used Toyota
engines - Japan
Partner~~

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

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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

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

...

Toyota 3S-FE
engine Cambelt
series Part 6 - Oil
seals done and
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