

## S54 Engine Reliability

[Why the love for the S54? - Page 1 - M Power - PistonHeads](#)

[Just how bullet proof IS the S54 3.2 M motor? - Page 1 - M ...](#)

[The 5 Most Common BMW M54 Engine Problems - BMW Tuning](#)

[M engine problems ? - Z4-forum.com](#)

[The 10 Best Engines Of The Last 20 Years - Jalopnik](#)

[Bmw Engines - BMW M54 S54 Engine \(2000-2006\)](#)

[Cost of ownership/reliability for a E46 M3? : BMW](#)

[Building a Bulletproof BMW S54 M3 Engine with Michael Essa](#)

[BMW M54 and S54 engines - australiancar.reviews](#)

[BMW E46 M3 engine | S54 specs, problems, tuning, etc.](#)

[S54 Engine Reliability](#)

[BMW M54 - Wikipedia](#)

[Jalopnik: "Dear BMW, Why Did You Retire the S54B32 Engine?"](#)

[The UnixNerd's Domain - BMW S55 M-Tech Engines](#)

[Finding a Real Solution to the BMW S54 Rod Bearing Failure ...](#)

[HOW Reliable is My BMW E46 M3?!](#)

[BMW S65 Engine | Reliability and problems, stroker, tuning](#)

[BMW M3's 3.2-liter straight six engine comes to an end](#)

[Why the love for the S54? - Page 1 - M Power - PistonHeads](#)

- any S54 engine installed on Z4 M (Coupe or Roadster) prior to manufacturing year 2007 is subject to the Vanos bolts issue. Although 2007+ cars are very likely to be clear, at this moment nobody seems to be able to guarantee that;

[Just how bullet proof IS the S54 3.2 M motor? - Page 1 - M ...](#)

The S54 is definitely the more characterful engine with a very distinctive sound. S65 is good but there're so many great V8 road car engines. Apart from some of the Porsche offerings, I can't ...

[The 5 Most Common BMW M54 Engine Problems - BMW Tuning](#)

He has successfully ran his S54 engine for the last two years of competition without needing a rebuild...all while making around 1,100 horsepower to the rear wheels. "Mileage is the biggest killer of these engines," explains Essa. "You can't expect a 100,000+ mile engine to live for a long time on the track.

[M engine problems ? - Z4-forum.com](#)

The BMW S54 is the equivalent high performance engine, which was used in the E46 M3, the Z3 M Coupé/Roadster and the E85 Z4 M. The BMW M56 SULEV engine is based on the M54. In 2002 and 2003, the M54 topped the Ward's 10 Best Engines. The M54 began to be phased out following the introduction of the N52 in 2004.

[The 10 Best Engines Of The Last 20 Years - Jalopnik](#)

Yes, this is a far cry from our 470+hp race engines but the goal for this engine was very modest. A dead reliable and bulletproof 350hp S54 is the perfect solution for Yani's needs. Notable Mods:

[Bmw Engines - BMW M54 S54 Engine \(2000-2006\)](#)

The S54 won the International Engine of the Year award overall for 2001, and also claimed the "Best New Engine" that year as well as won the 3-4 L category for six straight years in a row from ...

[Cost of ownership/reliability for a E46 M3? : BMW](#)

The BMW M54 and S54 were inline six-cylinder petrol engines for BMW's standard and 'M' models, respectively. Available from 2000, the M54 replaced the M52 engine. The M54 and S54 engines both had an aluminium block with cast iron cylinder liners, an aluminium cylinder head, double overhead camshafts (DOHC), variable intake and exhaust camshaft timing (double VANOS) and four valves per cylinder.

[Building a Bulletproof BMW S54 M3 Engine with Michael Essa](#)

The expense of doing this of course can mean that engine reliability can suffer. Every engine will have a weak point at which it will fail first, or at least most commonly. For the S54 this is the rod bearing. For another engine it might be the rod or the cylinder wall, or something else.

[BMW M54 and S54 engines - australiancar.reviews](#)

Everyone always ask how reliable my BMW E46 M3 is... Today I go over every part that has ever broken on my M3! I bought the car 4 years ago and have put 70k+ miles on it, and surprisingly not much ...

[BMW E46 M3 engine | S54 specs, problems, tuning, etc.](#)

Just how bullet proof IS the S54 3.2 M motor? ... The later 2004 onward engines though should be much more reliable and stronger with absolutely no cases of the bearing issue or engine failures.

### S54 Engine Reliability

BMW is held in high regard to their straight six engines, with the M54 being an iconic engine. The M54 engine is a naturally aspirated inline-6 that was primarily featured in the 2000-2006 E46 3-series, in addition to the Z3/Z4 and X3/X5 models of the time. They are known to be overall great performers, reliable, and tons of fun.

### BMW M54 - Wikipedia

Cost of ownership/reliability for a E46 M3? ... and now they are finally within reach. (The KBB value is ~\$10,000.) How reliable are the E46 generation of M3s, and how much would it cost to own? I've looked into financing and insurance, this is the last piece of the puzzle. ... I have the same S54 engine in my Z4M and its been very reliable ...

### Jalopnik: "Dear BMW, Why Did You Retire the S54B32 Engine?"

These are the 10 engines that captured the hearts and minds of car nuts everywhere. ... The 10 Best Engines Of The Last 20 Years. You may ... with Honda reliability to boot. Suggested By: The Stig ...

### The UnixNerd's Domain - BMW S55 M-Tech Engines

S54. The S54 with the internal engine designation S54B32 is an engine of the BMW M GmbH and was introduced in 2000 in the M3 of the series E46 . The engine is not based on the M54 engine of the BMW AG vehicles, but was developed from the predecessor, the BMW S50B32 , installed mainly in the BMW M3 of the E36 series .

### Finding a Real Solution to the BMW S54 Rod Bearing Failure ...

These sets are quite reliable and install on S54 stock internals. The maximum boost VT1 - 6 psi (0.4 bar) you do not even need forged pistons. It will easily provide 470 horsepower. With the help of a supercharger S54 you can get up to 600 horsepower and that's enough for any driver.

### HOW Reliable is My BMW E46 M3?!

BMW S65 engine reliability, problems and repair In comparison with E46 M3, BMW M3 E90/E92 gained about 200 kg, and it means that S54 is not enough for a dynamic driving. That is why in the next generation of M3 used V8 - S65B40. This motor based on S85B50 by removing two cylinders and turn it into a V8 with 4 liter capacity.

### BMW S65 Engine | Reliability and problems. stroker. tuning

Out of every engine I've ever owned, from 400+ cubic inch American V8s to the little 1.6L inline 4 in my first-gen MR2, the S54 was my favorite. The only engine that came close was the 1L V-twin ...

### BMW M3's 3.2-liter straight six engine comes to an end

High pressure fuel pump reliability was a bit of the problem on the N54 and N55, well this engine has a pair of them so let's hope they're more reliable. They're plumbed in series and the second only turns on at times of high fuel demand above 3000rpm.

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