

Bmw e46 maintenance

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How to maintain an E46?

What is the big 3 repair on the E46? The BMW E46 M3 with the S54 engine is an incredibly powerful and capable vehicle, but it has some notable points of failure. You will often hear people talk about "The Big 3" when it comes to maintenance on your E46. The Big 3 includes rod bearings, a rebuilt VANOS, and subframe reinforcement.

Is E46 hard to maintain? The E46 M3 is honestly not that hard to take care of. There are a few major things you should always keep an eye on and those are outlined in the Mandatory section at the bottom of this article, but otherwise it's easy. Not too expensive either. This is a 20+ year old car now and parts are available or cheap.

What is the common issue with BMW E46?

Are E46 prone to rust? Not all E46s will turn to rust. I've had three now. The previous one had 250k when it died in a tragic accident. That needed some remedial rust work.

Is the E46 fuel efficient? The engine is LAZY and the gears are short, so I get 27.6 mpg, or in a simple metrical system, 8.5 l per 100 kilometers . If you plan to do some milage with outside driving I would suggest a 323 or a 320 with a 2.2l engine and 170HP except if you are a "calm" driver.

Why are E46 so popular? The E46 was, for the past few years, the 'poor man's BMW' option since it's too new to be considered a classic and too old to command any sort of market value. They're the cheapest rear-wheel-drive platform you can get

into that aren't completely rusted into the ground or just an econobox.

What to check on E46?

Does the E46 handle well? Really depends what you consider good handling. The E36 is much more connected to the road, but the E46 is refined and smooth. Both handle awesome, but if you want a car that feels more raw... the E36.

Which BMW engine lasts longest? Which BMW engine is the most reliable? The 6 cylinder M5X series (M50/M52/M52TU/M54) are reliable. M50 engine can hold much pressure due to its cast iron construction.

Is BMW maintenance high? Yes, BMWs can be expensive to maintain, with the average annual maintenance cost being around \$968, according to RepairPal. While this is more expensive than standard vehicles, it's on par with the annual maintenance costs of luxury vehicles.

Is the E46 a good beginner car? It's a good first car if you're already adequately knowledgeable about cars and have been an enthusiast for a while already. Any other case, then yeah it's a little worrying. I have an e46.

How many miles will a BMW E46 last? I've personally seen numerous models surpass the 200,000 mile mark, like my own 236,000-mile E46 ZHP, while online we've seen some odometers surpass the 400,000 and 500,000-mile thresholds. But there hasn't been a time when I've heard of an example with mileage so high that it actually broke the odometer, until now.

Is E46 320i reliable? Used E46 models have begun holding value if well maintained and some long-term owners want to keep their E46 instead of buying a new 3-series. The BMW E46 can be a reliable choice of car if you buy the best years and avoid the worst production years.

What makes the E46 special? The E46 M3 Perfected The Inline-6 With more than 100 extra horsepower in the M3 compared to the 3-series, and almost 100 over the previous generation, the E46 was a significant jump in power for BMW. For this generation of M3, BMW offered a six-speed manual or a six-speed automated manual transmission.

Are E46 fun to drive? A well maintained E46 is a lot of fun to drive, I owned mine for nearly seven years and DIY nearly everything. When it came time to move on I opted for an E92 with 6MT and leather interior not the pleather I had in the E46.

Do all E46 have subframe issues? Despite the beliefs of some, all E46 3-series BMW's are prone to cracking at and around the rear subframe mounts. No matter the shape, model or way it is driven, subframe cracks are inevitable.

What causes a BMW E46 to idle rough? You should probably check the vacuum lines for any cracks, or leaks as that can cause misfires. Also check the rubber intake boots for tears. Especially the lower one. There are I believe also some rubber caps that cap off some extra inlets for vacuum hoses at the back of the manifold that tend to disintergrate.

Is BMW E46 fast? In several of the subsequent runs, we see the car pushed beyond 260 kph, with its fastest speed nearing 280 kph in the clip. That's 174 mph, for what it's worth.

Can I put regular gas in my E46? To best maintain your BMW's engine and allow it to perform properly, premium gasoline is required.

What is the full speed of E46? 128mph for all non M e46 with the exception of the ZHP. Otherwise the ZHP and M3 are limited to 155.

Is the BMW E46 a future classic? Screaming, high-revving six-cylinder engine, understated but unmistakeable looks and the perfect balance of power and performance make the E46 M3 a definitive future classic...

What is E46 called? The BMW 3 Series (E46) is the fourth generation of the BMW 3 Series range of compact executive cars manufactured by German automaker BMW. Produced from 1997 to 2006, it was the successor to the E36 3 Series, which ceased production in 2000.

How good is the E46? The BMW E46 M3 is as good as cars get And I like the lightness of an E36 when the roads get twisty. But we know car design is about compromise. Give and take. Modern cars are technically better, but it's not hard to argue that they've lost something along the way.

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Does the E46 have good handling? I think the handling of the e46 m3 is superb, I was really impressed with the handling in the wet, even more so once I fitted pilot super sports all round.

How long does a timing chain last on a E46? Not everyone realizes that the timing chain inside of their vehicle needs to be replaced at a minimum every 100,000 miles, and potentially in as few as 40,000 miles.

How do I keep my BMW healthy? Essential Routine Maintenance Fluid flushes are critical. Failing to replace fluids such as coolant, ATF, brake fluid, and engine oil can cause component failure over time. Don't overlook brake maintenance. Regular checks ensure they're functioning properly, reducing the risk of accidents.

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Can an E46 drift? For the proper drift experience, you will, of course, want to modify your E46. The most common mods, besides obviously proper wheels and drift tires, include a welded differential and coil overs. With how popular the car is, there are lots of ready-to-install kits for E46 drift cars.

Is it worth replacing timing chain BMW? If you ignore the signs of a worn-out timing chain, it can lead to severe engine damage. A stretched or broken timing chain can cause the engine's valves to open and close at the wrong time. Leading to poor performance, decreased fuel efficiency, and even engine failure.

Can a timing chain last 300000 miles? However, the timing chain isn't necessarily a maintenance item and can last the engine's life, provided you change the oil regularly and maintain the rest of the engine. Modern engines can last 300,000 miles or more with proper maintenance, and the timing chain can go that long, too.

Does the e46 have a belt or chain? All current BMW engines have chain drive, automatically maintained at the correct tension and engineered to last the life of the car. E46s do not have a timing belt.

Do BMW need a lot of maintenance? Driving a BMW can be a thrilling experience, but this fun can come at a cost. BMWs require expensive maintenance of \$968 on average annually, according to RepairPal. BMW also ranks 30th out of 32 car brands in RepairPal's reliability study, which means you'll want to account for your vehicle needing work regularly.

Why is it so expensive to maintain a BMW? BMW vehicles are popular for their high-quality engineering, performance, and precision. These factors contribute to the relatively higher maintenance costs of BMW. The premium build quality and use of superior materials transform into elevated maintenance expenses for these vehicles.

What is the weakness of BMW? BMW's weaknesses are: High dependence on low-growth markets. Weak distribution in some automotive markets. Weak

distribution in some motorcycle markets.

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