

# Bmw e46 repair manual

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### **What is the common issue with BMW E46?**

**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.

**Is the BMW E46 manual?** The Clubsport was offered with the 5/6-Speed manual, 6-Speed SMG, or 5-Speed Steptronic transmissions.

**How do I reset my BMW E46 computer?** Ignition off. Hold down the odometer reset button on the instrument cluster. Turn the ignition to position 1. After a second or so a number 1 will appear on the instrument cluster display.

**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.

**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.

**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.

**What's better, E46 or E90?** Another reason the E90 is better is its engine. While M52 engines are great, the more modern N52 is even better. It's smoother, makes a better noise, and it lacks a lot of the annoying issues my E46's M52 had.

**How to maintain E46?**

**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.

**What does E46 stand for?** They call the fourth generation of their popular 3-Series the E46, which ran primarily between 1997 and 2006 in the coupe and convertible body styles.

**Is the E46 FWD or RWD?** It is a 3-door hatchback version of the BMW 3 Series through two generations, for the E36 platform in 1993 and E46 platform in 2001. Unlike most hatchback competitors which were transverse engine front-wheel drive, the 3 Series Compact uses the longitudinal engine rear-wheel drive layout.

**How do I Reset my BMW ECU?**

**Will disconnecting the battery Reset the ECU on a BMW?** If your ECU controls the anti-theft system, disconnecting the battery may lock you out of your car. Disconnecting the battery cable for a short period will not fully reset your ECU because residual power remains in the circuits.

**What is ECM Reset?** ECU reset refers to the process of clearing or resetting the learned adaptive values and settings in the engine control unit. This process is also known as ECM (Engine Control Module) reset or PCM (Powertrain Control Module) reset.

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

**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.

**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.

**What is the fastest E46 model?** Fresh from the dyno, the M3 claimed the title of "Fastest BMW" with a speed of 178mph.

**What is the big three 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.

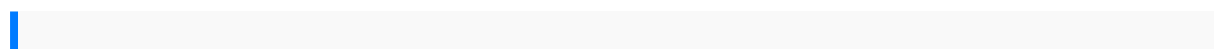
**Is the E46 a good beginner car?** It's a good first car if you're already adequately knowledgeable about cars and have been an enthusiast for a while already. Any other case, then yeah it's a little worrying. I have an e46.

**What is the most common problems in BMWs?**

**Does BMW E46 rust?** Front wings will rust on E46s, cheap enough for new ones. My advice if you buy an E46, check the areas I have listed, remove side skirts, wax the sills-not Waxoil, Bilthamber. Might be worth reading my silver 330d thread for an idea of where E46s rust.

**What to check on E46?**

**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.



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