

# Bmw 3 series e46 service 1999 2000 2001 2002 2003 2004 2005 by bentley publis

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**What is the common issue with BMW E46?** Cooling System Leaks The plastic components in the cooling system on E46 BMWs are prone to becoming brittle and cracking, allowing coolant to make its way out of the cooling system. The resulting loss of coolant can lead to the engine overheating, which can cause catastrophic engine failure.

**What years was the BMW 3 Series E46 produced?** 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.

**What year is the E46 LCI?** In September 2001, the facelift (LCI) versions of the sedan and Touring were released for the 2002 model year.

**Which BMWs are E46?**

**How long 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 is the BMW E46 so expensive?** Despite only being offered in two-door form, E46 M3s have tremendous variability in price driven by the many permutations in which it was available, and by the broad spectrum of condition and mileages in which

they exist. This is a reflection of the model emerging as collectible cars, not merely enthusiast cars.

**What is the rarest BMW E46?** It's always uncommon to see an Individual BMW, yet seeing a Ruby Red Metallic E46 M3 is downright rare. Allegedly, only around 25 buyers were willing to spec their new E46 with Ruby Red through BMW Individual, and the left-hand-drive examples were in the single digits.

**What is the best selling BMW of all time?** The 3 Series is BMW's best-selling model, accounting for around 30% of the BMW brand's annual total car sales, and has won numerous awards throughout its history. The M version of the 3 series, M3, debuted with the E30 M3 in 1986.

**What are the big three for an E46?** The "Big 3" (BMW E46 M3) 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.

**How to know if an E46 is a facelift?**

**How much horsepower does a BMW E46 have?** Production period: 2000 to 2006. In-line 6-cylinder engine with high speed concept. Max. output: 343 - 360 hp.

**What does LCI mean?**

**What is so special about E46?** Rowing through the gears is what this car is all about. So in a G80 it's out of place, but in a lighter, more nimble E46, it feels much better. The entire car is a bit notchy, so the transmission simply matches the feel.

**What does E46 stand for?** The "E" stands for "Entwicklung", the German word for development. The E46 is the body style for: The E46 is the body style for: 1999: 323i, 328i. 2000: All 323 & 328s. 2001+: All 325s, 330s, and the M3 Coupe and M3 Convertible (There are no plans for an E46 M3 Sedan nor Touring).

**What E46 has a V8?** 4.0-litre V8 engine? Hang on a minute, that's not a normal M3... That's an M3 GTR. The first M3 GTR was built for the GT class of the 2000 American Le Mans Series, powered by a tuned, strengthened version of the E46 M3

road car's 3.2-litre straight-six engine.

**How fast can a E46 go?** While BMW electronically limited the E46 M3 to 250 kph or 155 mph, the car in the clip doesn't seem to have that limiter in place. 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 BMW last 250k miles?** BMWs typically last between 200,000 and 250,000 miles. Of course this depends on how the vehicle is used, how often it's serviced and the particular model.

**How long does E46 alternator last?** Most alternators last between 80,000 and 150,000 miles, or about seven years. However, some factors can cause your alternator to wear out prematurely: Alternator quality. Driving conditions.

**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.

**Does E46 need premium?** The fabled e39 and e46 cars from the early 2000s each featured 11.5 to 1 compression, which is some of the highest found in a street car. BMW recommends only using premium in these cars, as with all their cars, but it's models like these where you'll feel the effects most.

**Is the E46 iconic?** The BMW E46 M3 is legendary for its thrilling performance, sharp handling, and iconic status.

**Is the BMW E46 good?** The BMW E46 M3 is as good as cars get 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. So we're left with this M3 as the one to worship.

**What to look for when buying a BMW E46?** Verify the interior is tidy and maintained, and look for any indications of rust or damage. Mileage: The mileage on a BMW E46 can affect the car's value and reliability. Look for a car with low to moderate mileage, as high mileage can lead to more maintenance and repairs in the future.

**What is the most common problems in BMW's?** One of the most frequent issues with BMWs is the failure of the cooling system. This can include water pump failures, leaking radiators, and thermostat issues. These problems often arise due to the high heat and pressure the cooling system endures, especially in performance models.

**Are E46 prone to 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.

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