

# Bmw e46 service repair manual

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

**What is DME BMW E46?** BMW E46 vehicles (1999-2005 3-Series) are equipped with digital engine management systems (called Digital Motor Electronics or DME) developed by Siemens. The engine control module (ECM) in these systems is programmed with software for the control of fuel injection, ignition and other functions.

**What does service engine soon mean on E46 BMW?** BMW's Service Engine Soon warning light is an indication that there is a problem with your vehicle's emission control system. It is easy to confuse this with the check-engine light, which means there is a problem with the engine and its connecting components.

### **What to check on 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.

**Is E46 a drift car?** WHY AN E46? We decided to go with the BMW 3-series e46 after months of searching for the perfect beginner's budget drift car build under \$5k. The e46 is RWD sporting a manual 5-speed transmission and rocks 180HP from its inline 6 cylinder M54B25 engine.

**How to know if a BMW DME is bad?** Engine fails to turn over: In some cases, the failing DME can't successfully send the signal to start the engine. Emission increases: The loss of fuel economy also indicates that the engine isn't fully burning

off the combustible fuel, which increases the vehicle's emission rate.

**How do I know if my BMW ECU is bad?** The first step is to observe the symptoms of a bad ECU. These may include poor engine performance, stalling, misfiring, rough idling, poor fuel economy, check engine light, or no start condition.

**Can BMW DME be repaired?** Fortunately, The ECU Pro offers repairs and refurbished replacement units at a fraction of the OEM repair price. An ECU diagnostic test will need to be run on your existing DME / ECU to see if a repair can be done, or if replacement is needed. The outcome of the ECU test will determine the cost of your BMW ECU repair.

**What is the service interval for a BMW e46?** BMW recommends an oil (and filter) service/change every 5,000-miles along with these inspection and service intervals:  
15,000 miles - Oil and Safety Service (O/S) 30,000 miles - BMW Inspection I (I/1)  
45,000 miles - Oil and Safety Service (O/S)

**Can I drive my BMW with the oil light on?** To make this quick, the answer is NO. It's not safe to drive with the oil light on. Continuing to drive with the oil light on can cause serious engine damage and even an accident if your vehicle suddenly stops as a result of engine failure.

**Is it okay to drive with service engine soon?** Check engine light on but steady – In a case where the check engine light is simply on but not blinking, you are probably safe to drive the car but should consider having a technician check why it is on. It may be that you are due for an oil change or something is wrong with the car's electronics.

**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.

**How to check E46 fuel pump?** Recharge fuel system by cycling key or running fuel pump, note fuel pressure. Then allow fuel system to sit under pressure for 15

minutes. Pressure should drop no more than 0.5 bar in that time period. If it drops you could have a faulty fuel pump check valve or a leak in the fuel system.

**Is the BMW E46 automatic?** The E46 came with two different automatic transmissions, the ZF 5HP19 and the ZF 6HP19, which were available on various E46 models between 1998 and 2006.[cartransmissionforsale.com/e46-automatic-transmission](http://cartransmissionforsale.com/e46-automatic-transmission).

**Is BMW 3 Series manual or automatic?** In addition to automatic gear selection, you also have the option of sporty manual gearshifts via shift paddles on the steering wheel. In automatic mode, gear selection adapts to your individual driving style. However, in manual mode, a gear shift indicator gives you recommendations for efficient driving.

**Is the BMW 330i automatic or manual?** "The sport automatic [transmission] is standard on both 330i/xi and M340i/xi models," a BMW spokesperson confirmed to Roadshow in an email. "At this time there are no plans to offer a manual transmission for these models." This isn't just specific to the US, either.

**What is the difference between E46 manual and auto?** E46 manuals are faster than automatic counterparts and can be upgraded to be faster more readily. automatic's have a torque convertor which zaps power. 330 manual does a BMW published time of 6.4 secs 0-60. I have also owned two BMWs with automatic steptronic.

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