

Bmw e46 manual transmission

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What transmission does a manual E46 have? The transmission options for the M3 were a 6-speed manual or the 6-speed "SMG-II" automated manual transmission.

Does BMW 3 Series have manual transmission? No, the 2023 BMW 3 Series is exclusively offered with 8-speed Steptronic Sport transmission with shift paddles.

Can you still get a BMW with a manual transmission? Luckily, as Weber points out, there are still several BMW manuals you can buy as of today. Three members of the automaker's M line of performance models come with stick shifts—the M2 (over half of which are spec'd with a stick shift), M3, and M4.

Which E46 has the M54 engine? The M54B22 was used on the BMW E46 320i and 320Ci from 2000 to 2006, BMW E39 520i from 2000 to 2003, BMW E36/7 Z3 2.2i between 2000 and 2002, and BMW E85 Z4 2.2i and BMW E60/E61 520i from 2003 to 2005.

What is a common E46 issue? 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.

Is M54 reliable? Absolutely. The M54's design prioritizes simplicity and robustness, which contributes to its enduring reliability, even against more modern engines.

Why did BMW stop making manuals? In an interview with Italian-language magazine Quattroruote, BMW board member Frank Weber confirmed M's stick shift days are numbered. "They are fun products, but let's be honest, the volumes are getting smaller and smaller," Weber told Quattroruote. "And so it doesn't make sense

to develop them anymore.

Are manual BMWs rare? BMW doesn't appear to have ever published production figures, but enthusiasts believe that there are just 4,446 first-generation BMW X5s in America with manual transmissions. And BMW put manuals in the X5 only for one generation, so these less than 4,500 examples are it.

Does BMW 3 Series have clutch? ... A lot of people don't know that BMW has been using the same clutch since 2007 in a lot of our cars. The 335is/550i Clutch is a viable upgrade to increase the torque capacity without sacrificing the daily driving experience.

Is manual better than automatic? If you do a lot city driving, an automatic may be easier to maneuver through stop and go traffic than a standard transmission. However, if performance and the driving experience matters to you, you might want to consider a manual. Another factor to keep in mind is if there'll be other people driving the vehicle.

Which BMW has manual? BMW M3. Every BMW M3 since the original E30 has offered a manual gearbox. Thankfully, BMW continues to keep that streak alive. Like its mechanical twin, the M4, the high-performance sedan is available with a six-speed manual, albeit only in the car's standard 473-hp guise.

Is BMW manual or automatic better? I think it primarily depends how you plan to use the car. The auto transmission is used in lots of vehicles so is known to be reliable. If you are planning to use the car for every day duties then I'd say an auto would be easier to live with, but nothing beats a manual for driver engagement.

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 an E46 a straight 6? The E46 M3 is powered by the S54 straight-six engine with either a 6-speed manual or a 6-speed SMG-II transmission. The M3 was introduced in late 2000 and was produced in coupé and convertible body styles only.

Is the 330ci an E46? The 343-horsepower M3 is of course the pride of the line, but even a basic variant is enjoyable to drive if it's in good condition. Our example

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vehicle is, in my opinion, the second-best E46 for those who don't want to drop M money—a 330ci ZSP.

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 big 3 E46 problem? 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.

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.

Why is the M54 so bumpy? The bumps are where the concrete surface changes to tarmac surface presumably where under-bridges exist.

How long do M54 engines last?

How much HP can a M54 make? Models for the United States and Canada produce 235 kW (315 hp) and 341 N·m (252 lb·ft).

How long do BMW manual transmissions last? With proper maintenance, transmissions can last up to 300,000 miles or more. This includes changing the fluid in your transmission system and regular checkups. However, when you don't keep up with routine maintenance, your transmission might have problems at the 100,000-mile mark or even sooner.

What is the last manual BMW? BMW's M2 might be the last M car it builds with three pedals and a stick shift. We're at an interesting crossroads in the high-performance enthusiast car market. Running east to west is the adoption of electric vehicles and a slow reduction in internal combustion engine car production.

Does BMW make good manual transmission? BMW manuals are not great, but not terrible. Take a spin in a Porsche or a Honda, and you'll notice the difference. But BMW manuals are not terrible either. They don't detract from the experience. Cars like a Toyota Corolla – they could do without a manual option.

What is SMG transmission E46? The Sequential M Gearbox is essentially a six-speed manual gearbox where the clutch and gearbox are operated electro-hydraulically by a computer in response to the driver pulling on two paddles behind the steering wheel, or by pushing a floor shifter forwards or backwards. There is no clutch pedal.

Does ZF make manual transmissions? Synchromatic successes. In the 1950s, the all-synchromesh transmission forms the technical basis for most of ZF's passenger car manual transmissions. However, it is continuously developed further and receives its own designation with the name "Synchroma".

Is E46 M3 manual? Two transmission options were available, the 6 speed manual, which is covered in this market, or the 6 Speed Sequential Manual Gearbox (SMG). Production of 6 Speed equipped E46 M3 coupes continued until 2006, when the next generation BMW E90 M3 debuted.

Who makes BMW manual transmission? Is that transmission made by ZF or Getrag? Both transmission types of the new M3 and M4 are supplied by ZF.

Is SMG transmission good? Motor Trend hailed SMG as “the most sophisticated transmission available in a production car” in 2002, and Car and Driver found the \$2,472 option on the M3 to be worth its price in convenience.

Is SMG automatic or manual? Automatic is used for designating a transmission with a torque converter. Manual is for simpler transmission that utilizes a clutch. SMG is a manual transmission. Some automatic cars also have the + and - manual shifting lever.

Is DCT the same as SMG? SMG is an electrohydraulic manual transmission; so basically hydraulics actuate the single clutch. DCT is essentially two manual transmissions in one housing working in tandem (odd and even gears handled by each unit) thereby shortening the time it takes for the electrohydraulics to actuate the

clutch.

What is the strongest BMW gearbox? The G420 is one of the strongest BMW transmissions to date. Able to handle 600+ HP these transmissions are unbelievably reliable in high horsepower applications.

Which BMW has ZF manual transmission? yes, every manual 328 or m3 has the zf....

Why is ZF gearbox so good? What Makes the ZF 8 Speed Transmission Excellent? The ZF 8 Speed transmission has an overwhelmingly positive reputation within the automobile industry. Its highly flexible design means that the ZF transmission can be used within a huge number of car models, ranging from expensive sports cars to luxury sedans.

What manual transmission does the E46 have? This is very simple: The automatic transmissions were made by GM in France. They die around 90K miles commonly, and need to be entirely replaced. The manuals are either Getrag or ZF, both are German and both are excellent.

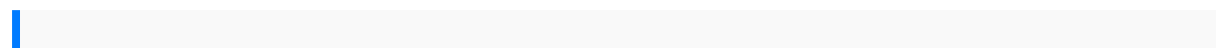
Why is the E46 M3 so popular? The M3 CS, a "Competition Sport" package, also came with a number of bolt-on upgrades, including the CSL's larger front brake discs and the steering wheel from the CSL. The E46 M3's technical specs were impressive, but what really cemented its place in pop culture was the racing game Need for Speed: Most Wanted.

What is the difference between E46 and E46 M3? The E46 M-Sport's suspension (assuming it's an M-Sport you're talking about) is a bit of a mess - too stiffly sprung and under-damped, so it feels floaty and crashy at the same time. The M3, for whatever reason, feels very much better resolved. The M engine is much nicer too, though.

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Are all M series BMW manual? After that, M will revert to torque converters right up until single speed electric cars take over. “The double clutch, from BMW M's point of view these days, it's gone,” BMW M's development boss Dirk Hacker told us last year. “It's now manual or automatic, and automatic electrified for the future.”



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