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**E46 M3 Engine - BMW Performance & Tuning Guides, News, Videos**

**The S54 with the internal engine designation S54B32 is an engine of the BMW M GmbH and was introduced in 2000 in the M3 of the series**

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### ***Bmw Engines - Motor Car***

***BMW S54 engine reliability, problems and repair. In 2000 there was next BMW M3 in E46 body. Neither the motor for North America not for Europe used in this model. Now in E46 M3 install only S54. This motor is the flagship of series M54 (which included M54B22, M54B25 and M54B30). New S54 inline-6 based on the European version BMW S50B32. Cast-iron cylinder block of this engine has been improved ...***

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**The E46 M3 is powered by the BMW S54 inline-six engine with either a 6-speed manual or a 6-speed SMG-II automated manual transmission. The M3 was introduced in late 2000 and was produced in coupé and convertible body styles only. Following the introduction of the E90 3 Series sedans in late 2004, the E46 began to be phased out.**

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