

toyota 3zz engine pdf

The Toyota ZZ engine family is a straight-4 piston engine series. The ZZ series uses a die-cast aluminum engine block with thin press-fit cast iron cylinder liners, and aluminum DOHC 4-valve cylinder heads, a first for Toyota. The camshafts are chain-driven. The two 1.8 L members of the family, the 1ZZ and 2ZZ, use different bore and stroke. The former was optimized for economy, with torque ...

Toyota ZZ engine - Wikipedia

1ZR-FE. The Toyota 1ZR-FE is a DOHC, 16-valve, 1.6 L (1,598 cc) engine equipped with dual VVT-i. This engine is available with either manual gearbox (5 Speed) or a "multi-mode" manual transmission (MM-T 5 Speed). This new engine is now replacing the 3ZZ-FE engine in most applications. Output for this engine is rated at 122 hp (91 kW) at 6000 rpm and 113 lb·ft (153 N·m) of torque at 5200 rpm ...

Toyota ZR engine - Wikipedia

Toyota 4Runner Engines For Sale. TOYOTA JZ ENGINES. The JZ engine from Toyota is a chain of six lined up automobile engines. Created as a substitute for M-series inline-six engines that utilized a 24-valve DOHC.

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