Eightyone (Factory 81)

# Part No: F81-EK008: 1:24 Mazda 13B Rotary Turbo Engine Kit





Price: £13.99 - Sorry, currently not in stock!

Fully detailed resin kit
Suitable for any 1:24 model
Best for your engine swap project / detailed Mazda build!

The Mazda Wankel engines (a type of rotary combustion engine) comprise a family of car engines produced by Mazda, derived from experiments in the early 1960s by Felix Wankel, a German engineer. Over the years, displacement has been increased and turbocharging has been added.

The 13B is the most widely produced engine. It was the basis for all future Mazda Wankel engines, and was produced for over 30 years. The 13B has no relation to the 13A. Instead, it is a lengthened version of the 12A, having 80 mm (3.1 in) thick rotors. It was a two-rotor design, with each chamber displacing 654 cc so two chambers (one per rotor) would displace 1308 cc; the series name reflects this value ("13" suggesting 1.3 litres), as with the 13A of the same displacement but different proportions.

In the United States, the 13B was available from 1974 through 1978 and was then retired from sedans but continued in 1984 - 1985 RX-7 GSL-SE. It disappeared from the US market again in 1995, when the last US-spec RX-7s were sold. The engine was continually used in Japan from 1972's Mazda Luce/RX-4 through 2002's RX-7.

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