

## ***What Is Dual Vvt I Engine***

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### What Is Dual Vvt I

VVT-i, or Variable Valve Timing with intelligence, is an automobile variable valve timing technology developed by Toyota. The Toyota VVT-i system replaces the Toyota VVT offered starting in 1991 on the 5-valve per cylinder 4A-GE engine. The VVT system is a 2-stage hydraulically controlled cam phasing system.

### VVT-i - Wikipedia

The regular VVT-i system changes the duration of intake valve opening in the combustion chamber. This helps to achieve better efficiency by shortening the valve duration on lower RPMs or when engine requires less power, and increasing the valve time to let more fuel in when more power is required.

### What's the difference between Toyota's VVT-i and Dual VVT ...

Toyota's Dual VVTI Technology. Their latest application is Dual VVT-i (Variable Valve Timing with intelligent) technology. The technology is a smarter ways that could make engine more efficient and more eco-friendly. The system is located on the cylinder head which is used as automatic time controller of the engine's inlet and exhaust valves.

### Toyota's Dual VVTI Technology | News & Update - PT Toyota ...

VTEC vs. VVT-i. VTEC ( Variable Valve Timing and Lift Electronic Control) is a valvetrain system developed by Honda that allows engines to achieve turbo level specific output without the bad fuel efficiency that turbocharging normally introduces. VVT-i ( Variable Valve Timing with intelligence) is a similar system developed by Toyota...

### VTEC vs VVT-i - Difference and Comparison | Diffen

Dual VVT-i. Similar to VVT-i, Dual VVT-i adds in control of the exhaust camshaft to the VVT-i's control of intake valves. This is found in the latest-generation V6 engines, starting with the 2GRFE in the 2005 Avalon in the U.S. It is now the most common VVT system in use by Toyota, appearing in most of the LR, UR, GR, AR and ZR engine families.

### How Toyota's VVT-i System Works - Olathe Toyota Parts Center

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### What is dual VVT I engine? | AnswersDrive

I4 means it is an In line 4 engine or 4 cylinder engine. DOHC means it is a Dual Over Head Cam engine and usually DOHC 4 cylinders make more power than most SOHC(Single Over Head Cam) 4 cylinders, so it is nice to have. 16v means the engine has 16 valves. Dual VVT just means the engine has Variable Valve Timing.

### What does 2.4L I4 DOHC 16V Dual VVT Engine (172 hp) mean ...

Toyota is enhancing its Auris line-up with the introduction of a new 1.33-liter Dual VVT-i 4-cylinder gasoline engine that delivers lower emissions, better fuel economy and improved power and ...

### Toyota Auris: New 1.33-Liter Dual VVT-i Petrol Engine with ...

How VVT-i system works Toyota engine. Detail info how VVT-i system works and also all parts disassembly. Similar parts are also in the systems: VVTL-i, Dual VVT-i, VVT-iE, and Valvematic.

### How Toyota VVT-i system works in engine

VVT-i is a sophisticated valve timing control mechanism developed by Toyota, other manufacturers has similar technologies such as Honda's VTEC, BMW's Vanos. I have not tried this technique on other brand of car, but I believe this technique can be used on other brands.

### How to drive a VVT-i and other modern engine to save fuel

How Does Toyota VVT-i Work? In Toyota's VVT-i, the engine control unit (ECU), the head and most powerful computer on cars, receives signals from various sensors and uses those signals to adjust an output to an oil control valve.

### How Does Toyota VVT-I Work? | Reference.com

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).

### Toyota ZR engine - Wikipedia

VVT-iE (Variable Valve Timing - intelligent by Electric motor) is a version of Dual VVT-i that uses an electrically operated actuator to adjust and maintain intake camshaft timing. [2] The exhaust camshaft timing is still controlled using a hydraulic actuator.

### Dual VVT-i - Revolv

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### Dual VVT-i V6 Engine

hi, kindly what is the main difference between corolla engines (Dual VVT-i & VVT-i 16V) knowing that the two cars are 2009 toyota corolla 1.8L. Thanks in advanced hi, kindly what is the main difference between corolla engines (Dual VVT-i & VVT-i 16V) knowing that the two cars are 2009 toyota corolla 1.8L.

### Corolla engine diffrence - Car Talk Community

Dual VVT-i is also used in the Toyota Corolla (1.6 dual VVT-i 124bhp). Other Dual VVT-i engines include the 1.8L 2ZR-FE I4, used in Toyota's next generation of compact vehicles such as the Scion XD. It is also used in the 2JZ-GE and 2JZ-GTE engines used in the Lexus IS300 and in the Toyota Supra. By adjusting the valve timing engine start and ...

### HOW TOYOTA VVTi ENGINE WORKS? -Variable Valve Timing ...

VVT-iE (Variable Valve Timing - intelligent by Electric motor) is a version of Dual VVT-i that uses an electrically operated actuator to adjust and maintain intake camshaft timing. [2] The exhaust camshaft timing is still controlled using a hydraulic actuator.

### VVT-i | Revolv

From engine specs to Camry emissions ratings and everything in between, learn more about all of the 2019 Camry mechanical features.

### 2019 Toyota Camry Engine & Mechanical Features

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### What is the full form of vvt-i engine? - Quora

DUAL VVT-i DUAL Variable Valve Timing intelligent system VVT-i 1998 10 RS200 3S-GE

## What Is Dual Vvt I Engine

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