

## *Start Stop Engine Reliability*

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**Start Stop Engine Reliability**

A good idea whose time has passed. It's a great idea, in theory. Your engine shuts off at red lights, stop signs, and busy Taco Bell drive-throughs—whenever a momentary pause provides an opportunity to save some fuel. In practice, stop/start systems are annoying, pointless, and sometimes dangerous.

**It's Time For Stop/Start Engines To Go - Popular Mechanics**

Some automakers, like BMW, have done more to increase reliability with constant stop-start use, like fitting models with an integrated (brushless) started-generator (or ISG in place of both starter and alternator), on-demand (electric) oil and water pumps, as well as engine and transmission oil pre-heaters.

**Does Stop-Start Affect Reliability, After All? - DriveMag US**

Stop-start is a system on most modern cars that cuts the engine when the car is stationary, in order to reduce fuel consumption and emissions. The engine starts again when the clutch is engaged or the brake is released, or when the driver is ready to move again.

**Stop-Start Technology: Is it bad for my engine? - Autocar**

With a gasoline engine that is different, especially the high-hp engines prevailing in the US. and not to pun on the Germans, but the companies that are not able to build a hybrid, probably don't have the best start-stop mechanism either. For real life US applications, it will work better.

**The Problem With Start-Stop Systems - The Truth About Cars**

I have noticed on my car that the lights have recently started to momentarily dim when the start/stop system is doing its job and re-starting the engine. But my battery has been in use for 4.5 years, and it might in fact be a good lifetime for a battery.

**engine - Is Start & Stop technology good or bad for my car ...**

Start Stop Engine Reliability In order to increase fleet-wide fuel economy, General Motors will expand its use of engine stop-start systems to nearly all models sold globally by 2020. GM To Use Engine Stop-Start On All Vehicles | GM Authority START STOP PLUS (AGM) RANGE.

**Start Stop Engine Reliability - community.coc.edu.au**

Start Stop Reliability with the 2.7L EcoBoost. 15F150-2.7L-EcoBoost\_02\_HR.jpg Ford developed the system in such a way that the starter shouldn't need replaced during the normal lifetime of the truck. During Ford's endurance testing, they simulated 900 hours of back-to-back starts and stops, which is 240,000.

**Start Stop Reliability with the 2.7L EcoBoost - Ford F150 ...**

My conclusion is that it has already been proven that if the car is set up properly, then auto start-stop is no problem for reliability and engine longevity. Given Ford's experience with hybrids, I would think they have also properly designed their conventional auto start-stop.

**Ford's "Auto Start-Stop": Hard on the engine ...**

Stop/start cuts fuel bills, saves engine, reduces emissions. When you sit at stoplights in a traditional car, the engine continues to run even while it is standing still, meaning the longer your car is caught in traffic the more fuel it uses. And while your car's alternator and on-board electrical system gets charged when the engine is running,...

**Five Things You Need To Know About Stop/Start Systems**

The Shocking Truth About Start-Stop Systems. The start-stop battery cranks the engine 10x more than a traditional battery, and the lead-acid chemistry is simply unsuited for this workload. Current AGM and EFBs degrade rapidly, with AGM batteries losing half of the charge acceptance within two weeks after first use (i.e.,...

### **The Shocking Truth About Start-Stop Systems - The Truth ...**

One of the most glaring examples of this carmaker agenda self-serving design is the auto engine shutdown and restart system. You drive along. You stop at a red light. The engine automatically shuts down. The light goes green, you start lifting off the brake, and the engine kicks back into life, as if by magic.

### **The Truth About Automatic Engine Stop-start Systems**

An increasing number of new cars are being equipped with stop-start systems that are designed to save fuel by shutting off the engine at stoplights. But do they work?

### **Do Stop-Start Systems Really Save Fuel? | Edmunds**

Don't start-stop systems wear out your car's starter? Don't start-stop systems wear out your car's starter? John Voelcker. Apr 3, 2017. Follow John ... 2013 Ram 1500 - engine start-stop system

### **Don't start-stop systems wear out your car's starter?**

Consequently, future engines for start-stop applications need to be designed for 250,000 to 300,000 starts. Traditional bearing shells with aluminum or copper lining show severe wear after only 100,000 cycles. In a start stop system the short stop times keep the engine and oil warm, retaining lubrication.

### **Start-stop system - Wikipedia**

This technology has been in Europe for 30 years. The way it works is: once you have driven the car at least a 1/4 mile or so, the stop/start will engage once you come to a complete stop with your foot on the brake. Once at a complete stop, the Jeep engine will turn off, the tach goes to 0. The radio/heat/air, etc will stay on.

### **2015 Jeep Cherokee - User Reviews - CarGurus**

The truth about stop-start engines While car engineers wax lyrical about stop-start systems, drivers find them quite confusing. Here's our lowdown on using technology to save on your fuel costs.

### **The truth about stop-start engines - BT**

The Engine Start-Stop Systems Conspiracy The Dos and Don'ts of Washing a Motorcycle, Part One Lamborghini: the Italian Supercar Dynasty That Was Created Out of Vengeance

### **The Engine Start-Stop Systems Conspiracy - autoevolution**

A Car Pro Show radio show caller wanted to know if he could purchase a car these days without start/stop technology. He was concerned about the long-term effect on a car's engine, and, frankly, just didn't like it. As I explained, the technology is still so new, it is hard to say whether start/stop systems will cause problems or not, but I have had the same concerns.

### **What You Need to Know about Stop/Start Systems | CarProUSA**

Stop/start is standard on the 2.5L 4-cyl. engine in the base Malibu, a sedan that was given both a revised look and upgraded technology only one model year after it was completely redone for '13.

### **Chevy's Gamble on Stop/Start Paying Off, Exec Says | WardsAuto**

Like many modern cars, the 2014/2015 Malibu with the 2.5L Ecotec engine is equipped with start/stop technology that's supposed to shutoff the engine at stoplights in order to save fuel. But that ...

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