



# Stop and Start

## AFTER-SALES TECHNICAL TRAINING

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At the end of this training course you should be able to:

- Situate the changes in the 3rd generation Stop and Start system in relation to the 2nd generation**
- To quote the characteristics of the components of the 3rd generation Stop and Start system**
- To give the functioning phases**
- To work on the 3rd generation Stop and Start system and apply the safety precautions**
- To apply correct maintenance to the Stop and Start system**

**NOTE TO READERS**

This document is a training support document.

Consequently, it is strictly for use by the trainees on the training course, and in no way may be used as a service document.

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Symbol for a link to the **service documentation**



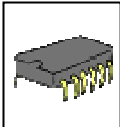
Symbol for comments on **connection hardware**



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Symbol for comments on **spare parts**



Symbol for comments on a **maintenance or adjustment point**



Symbol for comments on **ecology** (Recycling...)

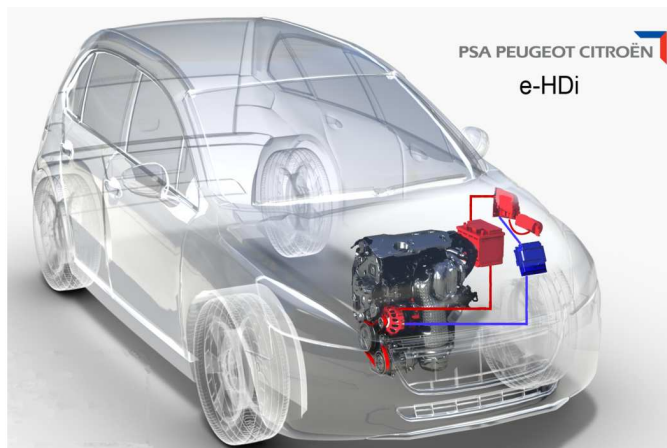
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# PRESENTATION

□ Today, the 3rd generation Stop and Start system can be fitted to diesel powered vehicles.

The Peugeot-Citroën policy is to fit all of the range with this new device.



□ The "commercial" name is **e-HDi**.

□ Other car makers offer diesel engine vehicles but fitted with a heavy duty starter motor.

□ Using a reversible alternator, the "Stop and Start" system enables the immediate cut-off and starting of the engine in certain situations in which the vehicle is stationary (traffic lights, heavy traffic, etc.)

□ The automatic "Stop and Start" function is totally transparent for the driver.

Other car manufacturers using an automatic stop and restarting system

	<p><b>Mini</b> "Auto Start Stop"</p>
	<p><b>BMW Series 1</b> "Auto Star"</p>
	<p><b>Toyota</b> "Stop and start system"</p>
	<p><b>Fiat</b> "Start/Stop system"</p>