



**Fives Filling & Sealing
Obsolescence bulletin**

ABS activation solution





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Fives Filling & Sealing : Life-cycle support

OBSOLESCENCE SUPPORT

As **technologies change**, machine components can become obsolete and **difficult to source**, especially for electronics.

Our Customer Service is here to help you to **mitigate the risk** of downtime should an obsolete part fail.

Upgrades due to obsolescence need to be engineered and designed as a package meaning that the lead time can be longer than a standard spare part. For this reason, we aim to provide our valued Customers with informations and tools to plan a strategy to prepare for this – and to prevent emergency cases. We are pleased to share with you important information about the **ABS activation**.



Operation:

- OEM Spare Parts
- Remote assistance
- On-site intervention/ Maintenance

Optimization:

- Training
- Calibration
- Machine Diagnostic

Evolution:

- Tooling Maintenance
- Machine Upgrade
- New Model Adaptation



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ABS activation :

Some ABS activation modules that equip your machines are no longer available for purchase and repair (Pilot ABS and some versions of ECM*).

Their replacement requires engineering and redesign of the program.



Obsolete activation versions...

Pilot ABS



ECM/ ECM2



ECM3



A product failure
=
16 to 18 weeks of machine downtime

**Check which version equips your FIVES FILLING & SEALING machine !
Need help identifying your activation system and finding the right technical solution?**

Contact our Customer Service !



** 1st generation ECM4 modules (5020 & 5120 models) can be kept by replacing only the interface with a Vining 2000 (with addition of a memory card).*

Le système reste limité à Windows 7 et une communication en CAN,



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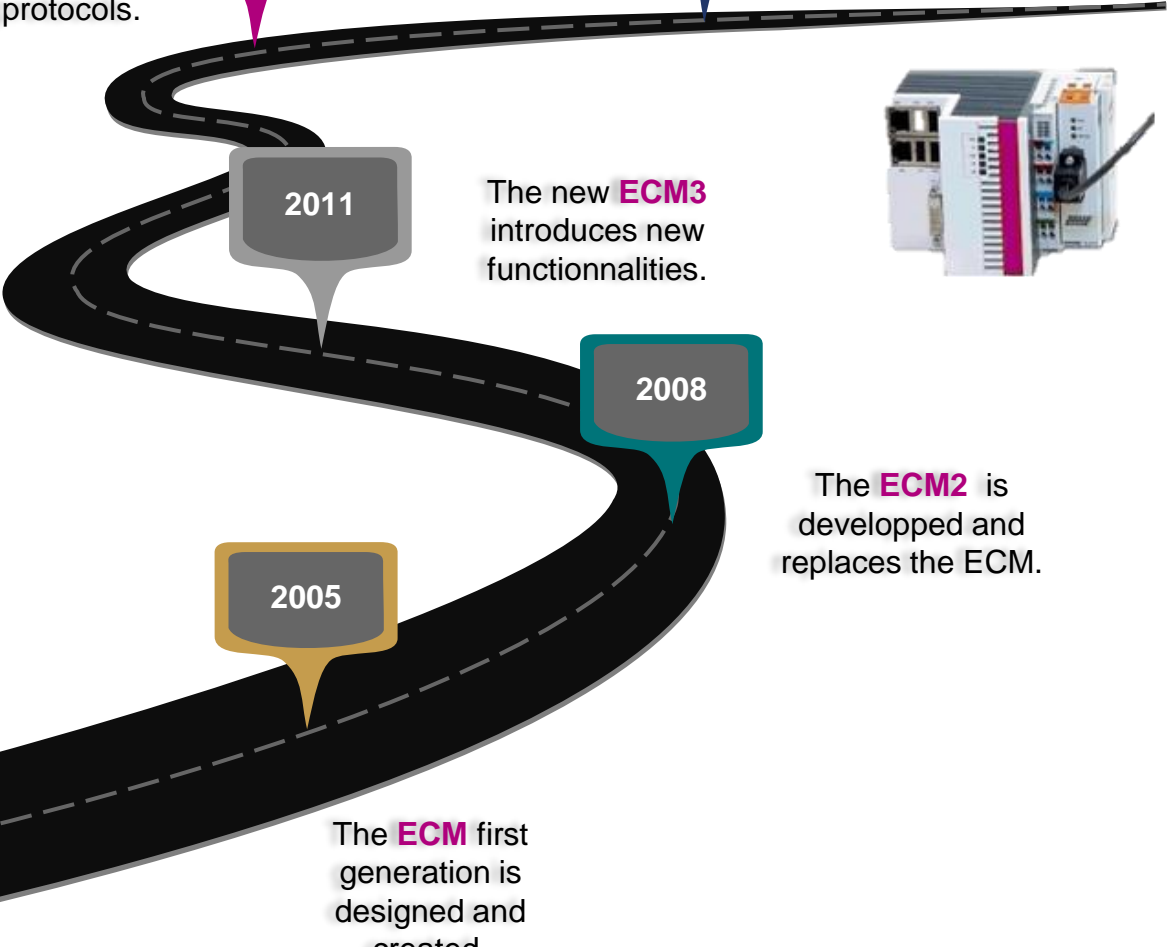
History and Evolution of ABS Activation

The **ECM4** (5020 & 5120) becomes the new standard : flexible and customizable, it adapts to new communication protocols.

2016

2021

The **ECM4** evolves (5130) : Windows 10, internet connection, multi-protocols unique interface (DoIP, CAN...)



2011

The new **ECM3** introduces new functionalities.



2008

The **ECM2** is developed and replaces the ECM.

2005

The **ECM** first generation is designed and created.

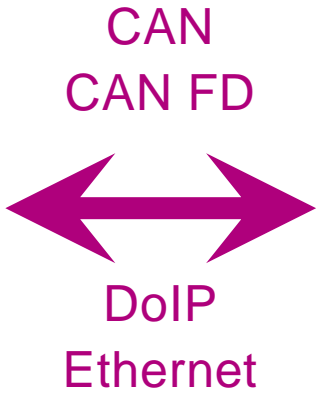
1999

The **Anti-lock Braking System** function becomes mandatory for all new cars.



The upgrade with the last version of **ECM4** is straightforward.
Our experts configure and set up the **ECM4** to your machine specifications so that on-site modification is optimized to reduce downtime.

Module ECM4 with Vining 2000 interface.



+++ COMMUNICATION

DoIP protocol

+++ STORAGE

Increased hard disk capacity

+++ CYBERSECURITY

Windows10 (anti-virus)

+++ CONNECTION

Web server for security access



Actual activation	Proposed upgrade	Estimated budget (management/material)
Pilot ABS ECM/ECM2/ECM3 ECM4 (5020 & 5120)	ECM4 (5130) Vining 2000 Interface Magcode connetor	From 12 500€*
ECM4 (5020 & 5120)	Memory Card Vining 2000 Interface Magcode connetor	From 7 500€**

* does not include the engineering and program redesign, which depends on the cycles types, machines specifications...

** does not include any program modification for a new ABS block.

Ask for additional information and a detailed quote for this update!

Contact our Customer Service now !

CONTACT 