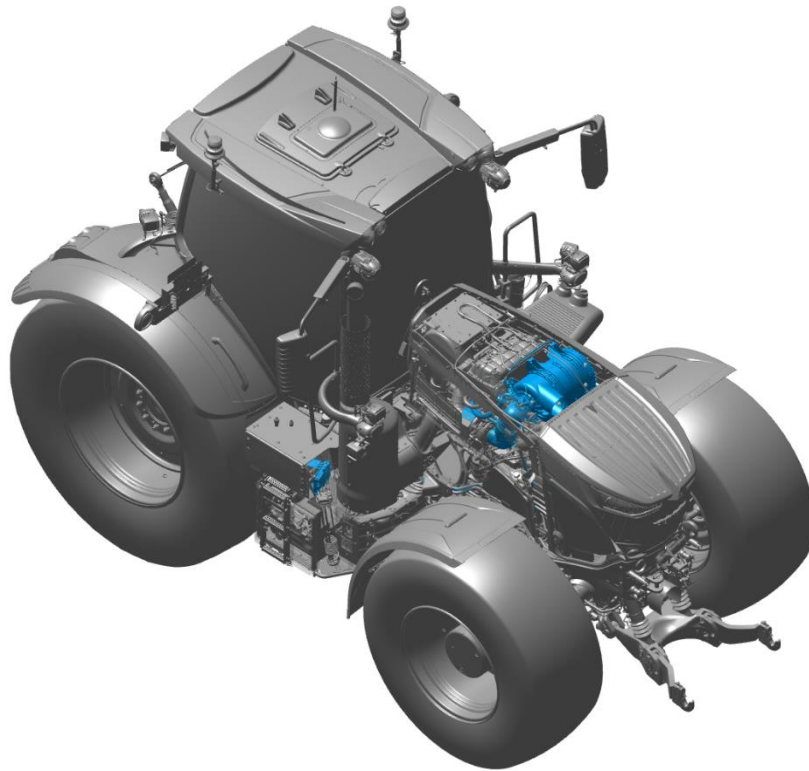


Assembly Instruction SCAF

Retrofit solution

Self-Cleaning Air Filter | 900 Gen6

SP006V9810010



Dear customer,

Please note the following:

This operator's manual is only valid in conjunction with the operator's manual for the vehicle.

- Before using the machine, carefully read through the operator's manual and familiarize yourself with all operating controls and their functions before you begin work. This also applies to the operator's manual for implements.
- Observe all the operating and maintenance instructions. If you do so, your machine will give you many years of cost-effective and fault-free operation. You will find an overview of all maintenance operations in the maintenance schedule in this maintenance manual.
- Maintenance and repair work should only be carried out at your service workshop.

Disregarding the symbols and the associated safety instructions, which are divided into three hazard levels, can lead to considerable damage to the machine, the mounted implements or other property. Adhering to the safety instructions is also required in order to prevent such damage from occurring.

Authorized use

This self-cleaning air filter is designed exclusively for use in standard agricultural applications or for similar purposes. Any other type of use is considered unauthorized. The manufacturer will not be liable for any damage resulting from such use, which will be entirely at the owner's risk.

Authorized use also includes observing the operating, maintenance and repair conditions set out by the manufacturer in order to protect your claims under warranty if necessary.

Special attention must be paid to safety instructions marked with this symbol, as well as the words DANGER, WARNING and CAUTION.

Operation, maintenance and repair of the self-cleaning air filter may only be carried out by people who are familiar with this equipment and aware of the associated dangers.

The relevant accident prevention regulations must be observed, as must as any generally acknowledged safety, industrial medicine and traffic regulations. The manufacturer does not accept liability for damage resulting from unauthorized modifications to the machine.

As it is working equipment, children and young people should not be taken on board or transported on the vehicle. However, if children or young people are in the vehicle, the operator must be aware that they require strict supervision. Children and young people on board must not be allowed to operate the technical controls of the vehicle or implements mounted on it. Under no circumstances may children or young people remain alone in the cab when the operator leaves the vehicle.

Copyright law

The information contained here in is protected by copyright by AGCO. In the case of the names of companies and products specified here, these may be registered brand names or trademarks of the relevant owner.

The duplication of this document, or parts thereof, in any form and in any way is forbidden without express written agreement from AGCO. No part of this document may be quoted by persons who are not employed by AGCO without written approval from AGCO. AGCO reserves the right to make changes to the information contained in this document without prior notice.

Although this document has been prepared with the utmost care, AGCO shall not be held liable for any mistakes or omissions. No liability shall be accepted for damages in connection with the use of this information.

Table of contents

1	Safety.....	5
1.1	Operator's Manual and safety instructions.....	5
1.2	Warning symbol and terms used.....	6
1.3	Compliance with the Operator's Manual.....	7
2	Operation	8
2.1	Switching on the ISOBUS and display.....	8
2.2	SCAF Operation	10
2.2.1	Cleaning the self-cleaning air filter (automatic/manual start).....	11
2.2.2	Reset cleaning counter after filter replacement	12
3	Error messages	13
3.1	Error 5086-0.....	13
3.2	Error 5086-31.....	13
3.3	Error 516350-14.....	13
3.4	Error 516451-14.....	14
3.5	Error 516497-31.....	14
3.6	Error 516498-31.....	14

1 Safety

1.1 Operator's Manual and safety instructions

It is published and distributed in all markets. The availability of the described components, whether as part of the standard equipment or as accessories, may however vary depending on the country or region. Therefore, if you would like to know what equipment features are available in your region, please contact your FENDT dealer.

Under normal conditions, the Operator's Manual should enable the operator and the driver to operate the vehicle safely. If these instructions are followed, the vehicle can be operated reliably and safely for many years, as is typical of all FENDT products.

You can obtain a copy of the latest Operator's Manual from your FENDT dealer.

During commissioning by the FENDT dealer, it is ensured that the operating and service instructions provided have been understood by the operator. The operator is obliged to train staff in the operating and/or service instructions. If there is anything in the Operator's Manual that you do not understand, please contact your FENDT dealer. Make sure you have read and understood all instructions and information in the Operator's Manual before you operate the vehicle for the first time.

Observe all instructions and information in the Operator's Manual at all times. However, the instructions do not contain all of the safety and operating instructions for the implements and accessories that can be fitted at the time of and after delivery of the vehicle. Depending on the implements used and the working conditions on site or in the operating area, it may therefore be necessary to take additional precautionary measures.

FENDT has no direct influence on the commissioning, operation, inspection, lubrication or maintenance of the vehicle. The operator, user and/or maintenance personnel are therefore responsible for taking appropriate safety measures in the areas concerned.

This "Safety" chapter of the Operator's Manual contains a description of specific standard safety-related situations that can arise when operating the vehicle and during normal maintenance. It also contains vital information on the correct behavior in a number of different situations.

This chapter contains fundamental and specific safety information that must be observed in addition to the safety instructions in the other chapters of the Operator's Manual. Make sure you have read and understood the "Safety" chapter completely before reading the other chapters in the Operator's Manual.

1.2 Warning symbol and terms used

Warning symbol



This warning symbol means CAUTION! BE ALERT! YOUR SAFETY DEPENDS ON IT!

The warning symbol indicates important safety notes on machines and safety stickers and in operating instructions and other places. If you see this symbol, be aware that there is a risk of injury or death. Observe the instructions in the corresponding safety notes.

SAFETY has top priority! Why?

- ACCIDENTS CAN RESULT IN SERIOUS INJURY OR DEATH
- ACCIDENTS RESULT IN FINANCIAL AND OTHER MATERIAL LOSSES
- ACCIDENTS ARE AVOIDABLE

Signal words and severity of the risk

The terms DANGER, WARNING and CAUTION are used together with the warning symbol. It is essential that the corresponding safety warnings are understood and the recommended safety measures and instructions are observed.



DANGER:

The warning symbol together with the word DANGER means there is an immediate risk of danger that must be prevented to avoid the risk of DEATH OR SERIOUS INJURY.



WARNING:

The warning symbol together with the word WARNING means there is a potential danger that must be prevented to avoid the risk of DEATH OR SERIOUS INJURY.



CAUTION:

The warning symbol together with the word CAUTION means there is a potential danger that must be prevented to avoid the risk of MINOR INJURY.

The terms IMPORTANT and NOTE do not refer directly to your personal safety; rather they convey additional information and tips for operation or maintenance of the machine.

IMPORTANT:

Refers to special instructions or procedures that can result in damage to or destruction of the tractor, its equipment or the surrounding area if they are not observed.

NOTE:

Refers to particular information that enables more effective and easier operation or repair.

1.3 Compliance with the Operator's Manual

During commissioning by the FENDT dealer on the premises of the operator, it is ensured that the operating and service instructions provided have been understood by the operator. The operator is obliged to train staff in the operating and/or service instructions. If you do not understand parts of this Operator's Manual, please contact your FENDT dealer.



WARNING: Serious injury or death caused by inadequate compliance with the Operator's Manual

Inadequate compliance with the Operator's Manual can cause damage, injuries and in serious cases death.



Before operation, make sure that this Operator's Manual is available on the vehicle in legible form. The owner is responsible for providing adequate training to those personnel who are entrusted with the vehicle, and ensuring they are familiar with all contents and aspects of the Operator's Manual and, where applicable, the service manual. The same applies to those persons who are both owner and operator. Moreover, sufficient experience of the vehicle's various functions and of all accessory parts and implements is essential.

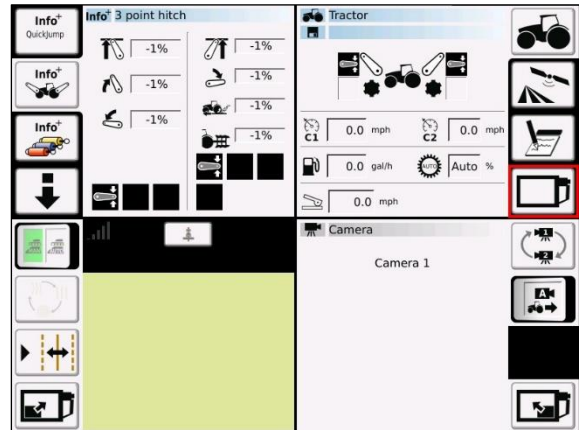
Make sure that the vehicle is operated only by persons who know how to handle agricultural vehicles. Under no circumstances are children or unqualified persons allowed to operate the vehicle or any implements. Adequate training in all functions and the risks associated with the vehicle is a prerequisite for use. Before using the vehicle and any additional devices, make sure that all safety information and regulations are known and understood. In case of doubt or in the event of any problems in understanding the information, always consult the dealer.



2 Operation

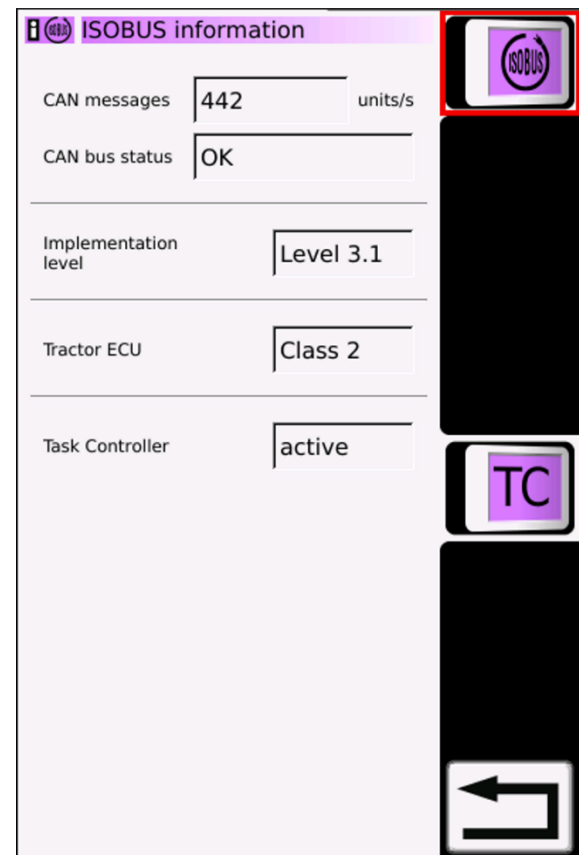
2.1 Switching on the ISOBUS and display

Procedure:

1. On the start screen, press  twice and then press .



2.  Switch on the ISOBUS → .

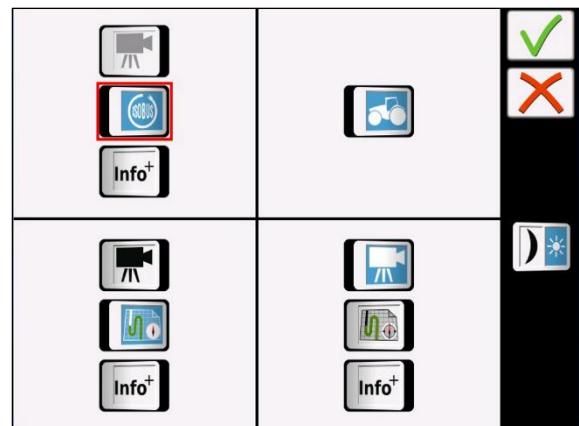


3. Press  to go to the tile settings.



EDC0014'

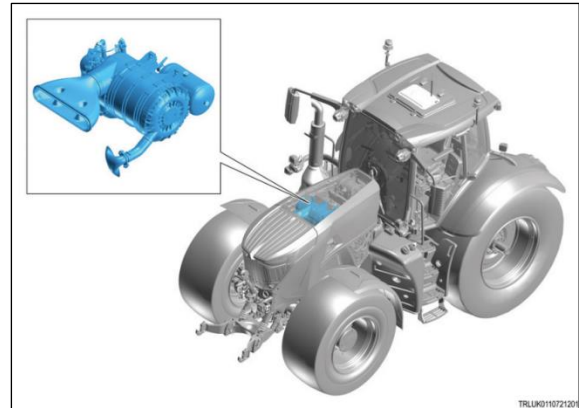
4. Activate the isobus view  in the tile at the top left and confirm .


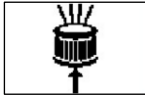


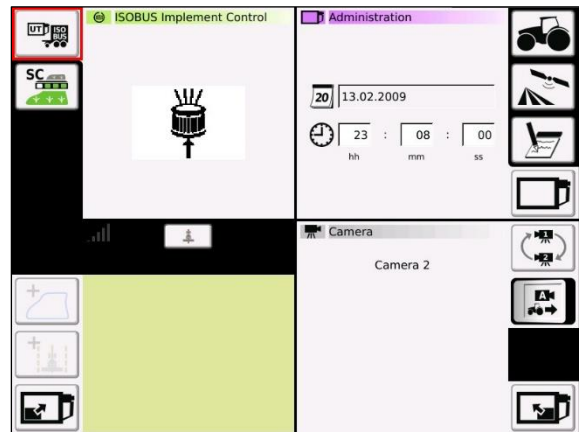
2.2 SCAF Operation

With the self-cleaning air filter, the air filter is cleaned of dirt with short bursts of air using the compressed air system.

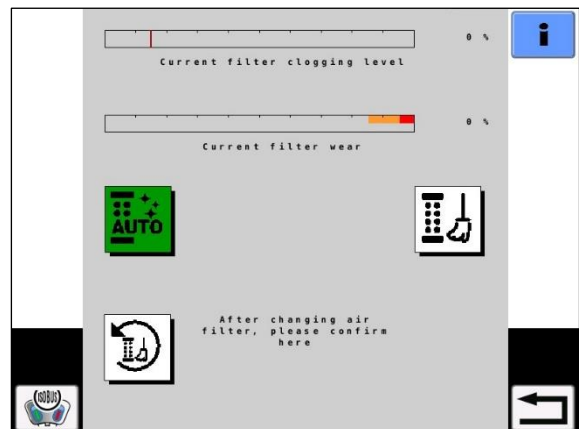
This function can be controlled manually or automatically.




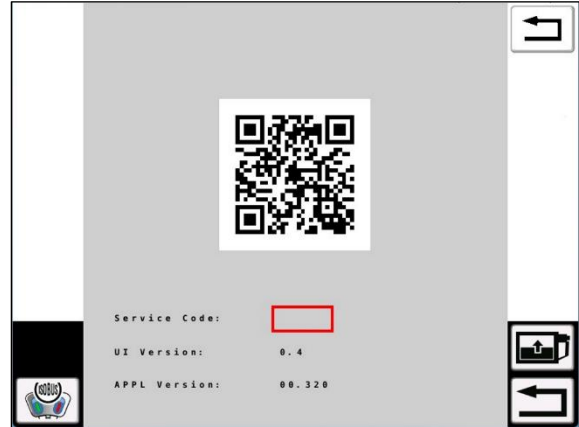
1. Press  or  on the start screen.




2. You will now see the main side of the self-cleaning air filter.



- For more information, click on  and scan the QR code.




2.2.1 Cleaning the self-cleaning air filter (automatic/manual start)

- If  activated, the air filter cleans itself automatically as soon as all preconditions are met.

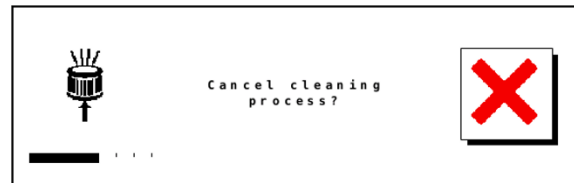
NOTE:

- The automatic function is activated every time the vehicle is started.
- The automatic cleaning of the air filter only takes place while driving.
- Automatic button green = automatic function activated

- Tap  to clean the air filter manually.
IMPORTANT: *There must be no persons in the danger zone!*

- A pop-up window appears when a defined level of air filter contamination is reached (automatic function) or manual cleaning is selected.

NOTE: *The cleaning process takes 20 to 30 seconds.*



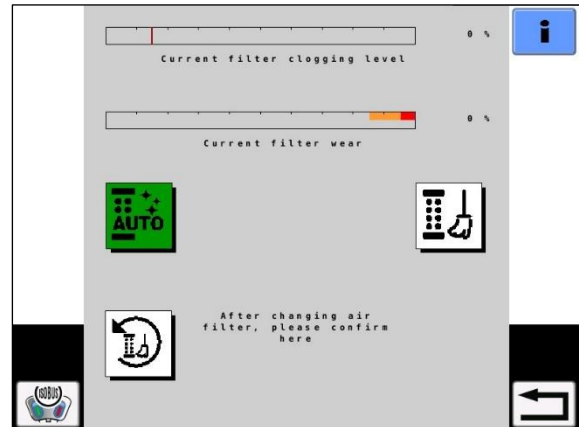
2.2.2 Reset cleaning counter after filter replacement



ATTENTION:


The filter may only be changed by trained personnel at your dealer!

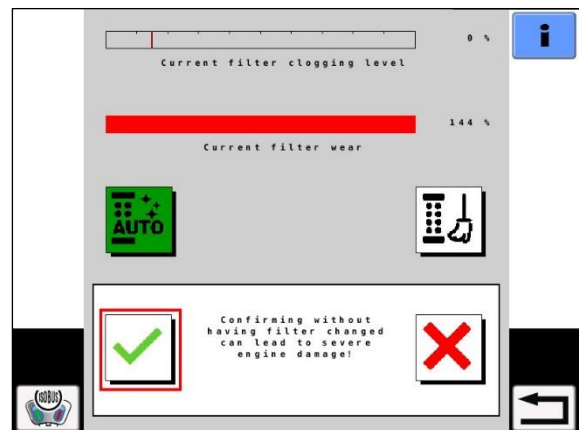
1. The filter should be replaced at the latest when the filter wear is in the red zone.



2. After the filter has been replaced the cleaning counter must be reset.

To do this, click on  and confirm the filter

change on .



CAUTION:

Confirming without changing the filter can lead to serious engine damage!

3 Error messages

3.1 Error 5086-0

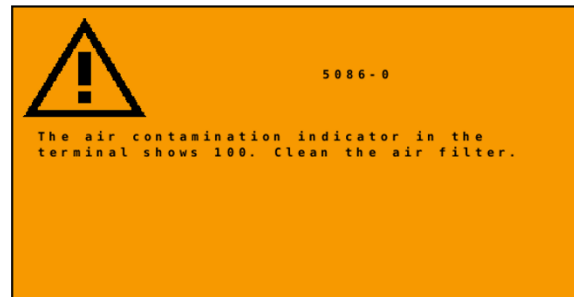
This error display is triggered when the filter load reaches the maximum value (100%).

If this happens, the automatic system could no longer clean the air filter (e.g. dirt no longer detaches from the filter).

Start manual cleaning to remove the soiling.

If the filter load does not decrease despite manual cleaning, the filter should be replaced in a workshop.

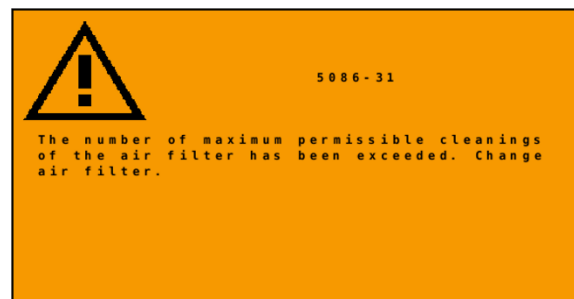
After changing the filter, the cleaning counter must be reset (see 2.2.2).



3.2 Error 5086-31

The filter insert can only withstand a certain number of cleaning processes due to the mechanical load during cleaning. If the filter wear is at 100%, the filter must be replaced.

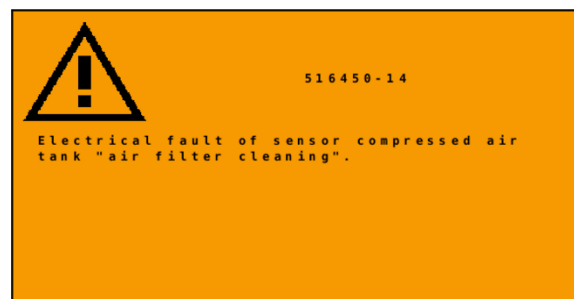
To do this, visit a workshop as soon as possible and have the filter element replaced. After changing the filter, the cleaning counter must be reset (see 2.2.2).



3.3 Error 516350-14

The sensor for measuring the air pressure for cleaning the air filter is defective. Cleaning can no longer be carried out!

To rectify the fault, visit a workshop as soon as possible and have a new sensor installed.



ATTENTION:

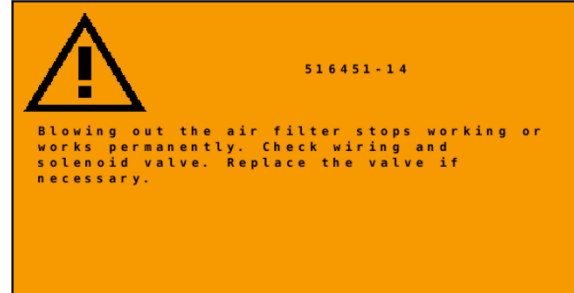
The sensor may only be changed by trained personnel at your dealer!

3.4 Error 516451-14

The solenoid valve for cleaning the air filter is defective. Cleaning can no longer be carried out!
To rectify the fault, visit a workshop as soon as possible and have a new valve installed.

**ATTENTION:**

The solenoid valve may only be changed by trained personnel at your dealer!



3.5 Error 516497-31

The filter should be cleaned at regular intervals to prevent dirt and flexible components from becoming trapped. However, the conditions for automatic cleaning are not met in this case.
Start manual cleaning to rectify the fault. If the error occurs more frequently, please visit a workshop.



3.6 Error 516498-31

The filter should be cleaned due to the current contamination. However, the conditions for automatic cleaning are not met in this case.
Start manual cleaning to rectify the fault. If the error occurs more frequently, please visit a workshop.

