

# 400 ALARM

Bruksanvisning

Käyttöohje

Brugervejledning

User Manual

## Congratulations on purchasing the new DEFA AutoSecurity Alarm Module!

Our 40 years of experience in the development of automobile electrical systems is your assurance of quality and durability for the DEFA AutoSecurity Alarm Module you have purchased. Quality is our top priority, both in development and in production. Please read this user's manual carefully and acquaint yourself with the various functions of your DEFA AutoSecurity Alarm Module.

### Model versions

DEFA 400: Alarm without starter kill/Immobilizer.

DEFA 401: Alarm with 1 circuit starter kill.

DEFA 403: Alarm with 3 circuit immobilizer..

These models are available with either a Glassbreake Sensor, a Microwave Sensor or both. In addition, the standard Siren can be replaced with a Backup Alarm consisting of a Siren with an integrated battery and a Shock Sensor. A Motion Sensor for detection of tilt and towing of the car is also available as an option.

M = Microwave Sensor, G = Glassbreake Sensor, BA = Backup Alarm, MS = Motion Sensor

### How to use your DEFA AutoSecurity Alarm Module

Your DEFA AutoSecurity Alarm Module is controlled using your car's original remote control unit. The Alarm Module is activated when you use the original remote control unit to lock the car and deactivated when the car is unlocked. **Important:** Using a key in the door cylinder to unlock the car will not deactivate the alarm. There is no DEFA Remote Control for this Alarm Module.

### Alarm ON (arm)

Use the original remote control unit to lock the vehicle. The Alarm Module is activated. The flashlights are activated once confirming that the alarm is armed. The LED illuminates for 20 seconds and then starts to flash, confirming that the alarm and the Glassbreake/Microwave Sensor are activated.

#### Temporary disconnection of sensors:

You can also turn on the alarm without activating the sensors that register motion in the interior of the car, blows against the windows, etc. This may be necessary if, e.g. a dog is left in the car. Turn the ignition ON and OFF within 2 seconds. Leave the car, and turn the alarm on. The alarm lamp begins to flash straight away and the indicators will light longer than normal (about 1 second). After alarm rejection and if the ignition has been on longer than 2 seconds, the sensors will again be active the next time you turn the alarm on.



## Alarm OFF (disarm)

Use the original remote control to unlock the vehicle. This deactivates the Alarm Module. The turn signal lamps flash twice to confirm that the Alarm Module is OFF. The LED stops flashing. If the Alarm Module was triggered during your absence, the turn signal lamps flash five times and the Siren emits a «click» five times when the Alarm Module is disarmed. The LED now flashes to indicate which sensor had triggered the Alarm Module (cf. table page 18). In some cases the original indication off lock/unlock in the car are used. This may appear different from what previously explained.

## Emergency disarming

If the Remote Control is broken or lost, disarm the Alarm Module as follows:

- A. Consult your Card with the PIN Code and locate your five-digit PIN Code.
- B. Follow the instructions on the Emergency Code Card.

**Important:** If you make a mistake, you can repeat the procedure from step 3 as often as required.

Keep your PIN Code Card always with you.

**Do not leave it in the car!**

Your Emergency Code is:

DEFA 400 - G

S/N: 1234567

PIN-Code: x-x-x-x

1. Unlock and open the car door.  
The Alarm is activated!
  2. Turn the ignition ON and OFF five times in a row. The Led "flickers"
  3. When you turn ON the ignition once again, the LED will blink. Let the Led blink as many times as the first digit of your PIN-code, and turn OFF the ignition.
  4. Turn ON the ignition and repeat the procedure (3) until you have gone through every digit in your PIN-code. The alarm is now disarmed. If you make a mistake, start over again at step 3.
- Immediately start the engine after the correct PIN code is entered.

## Functional testing of the alarm system.

The Alarm Module must be controlled at regular bases to verify the function.

### Procedure for function test:

- Turn the ignition on.
- Open one door at the time and check that the LED flashes rapidly.
- Open the hood and trunk and check that the LED flashes rapidly.
- Turn off the Ignition.
- Press button A and B on the DEFA Remote Control at the same time, keep them pressed until the siren and flashlights are activated.
- Turn the Alarm Module ON (arm). Knock carefully on the front window of the car with a coin, key or similar, and verify the response from the Glassbreakage sensor in the flashing light and siren.
- Turn the Alarm Module OFF (disarm)

If the functional testing discovers any faults, please contact your nearest DEFA dealer to correct it.

### Automatic functions

**Rearming function:** If you switch the Alarm Module to OFF, but do not open neither the doors, nor the hood or trunk, the Alarm Module switches automatically back to ON after 60 seconds.

**Display for open doors:** If the doors, hood or trunk lid are opened while the ignition is switched to ON, the LED flashes rapidly for 10 seconds as a warning. If this happens during driving, this indicates that a door, hood or trunk is open or switches are defective or incorrectly adjusted.

**Passive arming:** The Alarm Module can be programmed for automatic activation, 12 seconds after the last door is closed. This function is not programmed as a standard feature. If you would like to have this function programmed, please consult an authorised workshop.

**Automatic activation of Immobilizer:** If the Alarm Module has an DEFA AutoSecurity Immobilizer connected, it is activated 50 seconds after the ignition is switched to OFF and a door has been opened. If no opening of doors occur, the Immobilizer will not activate. The Immobilizer is deactivated when the Alarm Module is switched OFF. Reactivation if the engine is not started within 50 seconds.

### Miscellaneous functions

**Alarm sound:** 6 different alarm sounds can be selected.

**Pager:** Remote warning when the alarm is triggered.

Some of these functions may require optional equipment. Please contact your local dealer for advice.

### What triggered the alarm?

The LED indicates the sensor that triggered the alarm.

Alarm triggered by:	Number of flashes:
Auxiliary sensor 1	2
Opened door	3
Opened bonnet/hood	4
Opened trunk/Luggage compartment	5
Ignition	6
Attempt to remove protected equipment (car stereo, roof box e.g)	7
Microwave sensor	8
Glassbreakage sensor	9
Auxiliary sensor 2	10

The flash sequence stops when the ignition is switched ON or the alarm is armed.

### Certification

- Entire system is CE labelled
- Microwave Sensor is CE labelled after EU Directive 1999/5/EC
- Entire system has e11 mark as per EU Directive 95/56 \*1
- Entire system has General Operation Permit as per VAT, SSF and FG.



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