AWRON CAN Fxx /Gxx flap control

Supported BMW models

- **M135i**   F20/ F21
- **M135iX**   F40
- **140i**   F20/ F21
- **240i**   F22/ F23
- **M235i**   F22/ F23
- **M235iX**   F44
- **M2**   F87
- **M2 CS**   F87
- **M2 Comp.**   F87
- **M3**   F80
- **M3**   G80
- **M3 Comp.**   G80
- **340i**   F30/ F31
- **340i**   G20
- **M4**   F82
- **M4 CS**   F82
- **M4 GTS**   F82
- **M4**   G82
- **M4 Comp.**   G82
- **440i**   F32/ F33/ F36
- **M5**   F10
- **M5**   F90
- **550i**   F10/ F11
- **M6**   F06/ F12/ F13
- **650i**   F06/ F12/ F13
- **M8**   F91/ F92
- **X3**   F25
- **X3M**   F97
- **X4**   F26
- **X4M**   F98
- **X5**   F15
- **X5**   G05
- **X5M**   F85
- **X5M**   F95
- **X6**   F16
- **X6**   G06
- **X6M**   F86
- **X6M**   F96
- **Z4 M40i**   G029

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With the AWRON CAN exhaust flap control, open and close the exhaust flap at any time.

The module automatically configures itself to the respective vehicle, it contains an integrated auto-configuration.
It is therefore not necessary to order the modules for a specific vehicle, but the appropriate cable set for the vehicle must be ordered.

A push of a button on the steering wheel button and the electric exhaust flaps are operated independently of the sport mode. So you can enjoy the sound of your BMW whenever you want.
Using the intelligent flap functions, the exhaust flap control can be adapted to the respective sports exhaust system. Depending on the speed and the accelerator pedal angle, the function of the exhaust flaps can be individually set via USB and PC software.
The selected flap position is called up again after the vehicle is restarted (memory function). To control the electric exhaust flaps, we use the existing cruise control / speed limiter buttons on the steering wheel, which are standard in every vehicle. In order to prevent the buttons from having a double function, the functions of the flap control can only be operated when the cruise control or speed limiter function is off.

The flap control is automatically deactivated when a BMW tester is connected to the vehicle OBD socket.
Plug and play assembly in 20 minutes. Just plugging, no soldering, no cutting.
The installation is easy to carry out using the illustrated installation instructions
By using the flap control, there are no error messages in the error memory of the motor control.

The following functions are integrated into every exhaust flap control
adjustable via the supplied PC software.

* MSA (Engine Start/Stop Automatic ON/OFF)
* ASD (Active Sound System ON/OFF)
* KAT Deleter (Option)

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Steering wheel buttons flap control

Rocker up: Exhaust flaps are opened and kept open over the entire speed range

Rocker down: Exhaust flaps are kept closed up to a predefined speed which can be set via configuration software

RES button: Exhaust flap function is reset to "Series" mode**.**

AWRON CAN Fxx / Gxx flap control
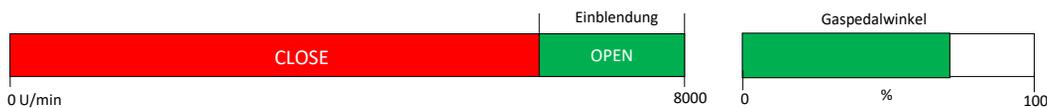
Flap control function

The function of the exhaust flap is set using the PC configuration software.
Here you have the option of setting the function of the exhaust flap depending on the speed and the accelerator pedal angle.

Function: exhaust flap open (steering wheel rocker pushed up)

Ausblendung

OPEN	CLOSE	OPEN

0 U/min   8000

Gaspedalwinkel

0   %   100

In the "exhaust flap OPEN" mode, a defined masking (flap CLOSED) can be set via the speed.
If the set value of the accelerator pedal angle is exceeded, the flap is opened.

Function: exhaust flap closed (steering wheel pressed down)

Einblendung

CLOSE	OPEN

0 U/min   8000

Gaspedalwinkel

0   %   100
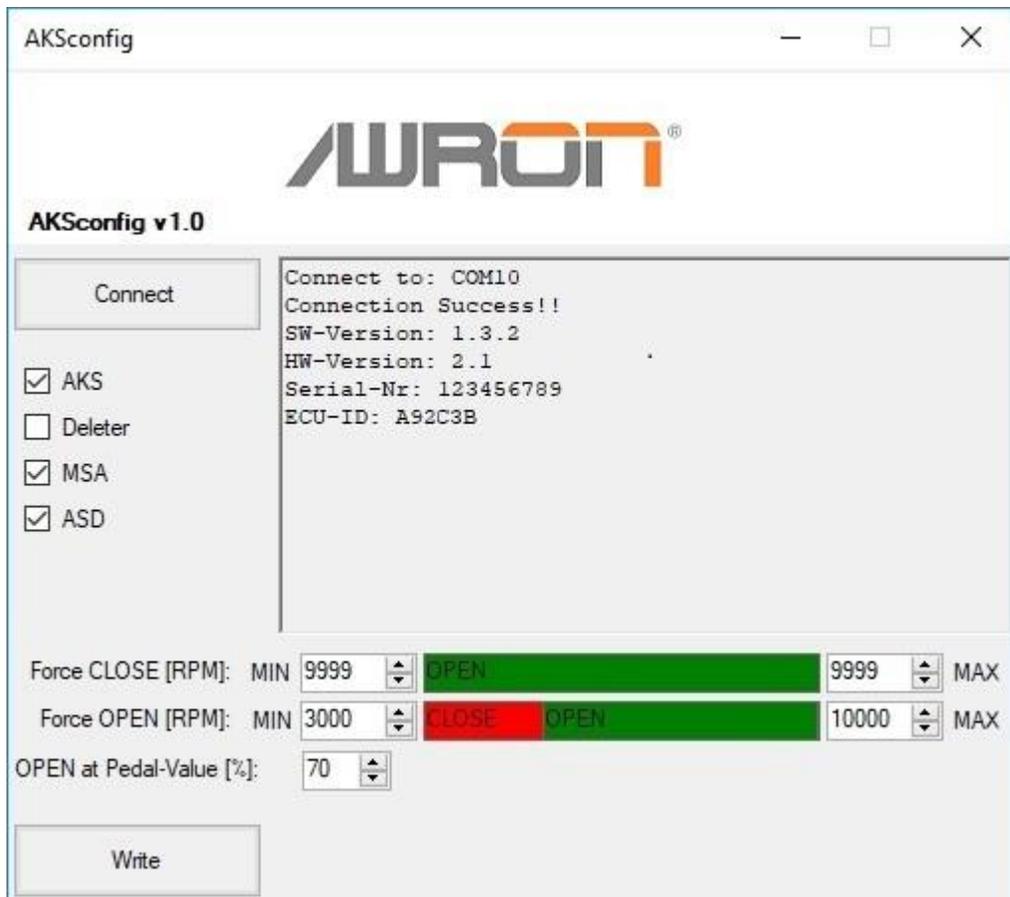
In the "exhaust flap CLOSED" mode, a defined display (flap OPEN) can be set using the speed. If the set value of the accelerator pedal angle is exceeded, the flap is opened.

AWRON CAN Fxx / Gxx flap control
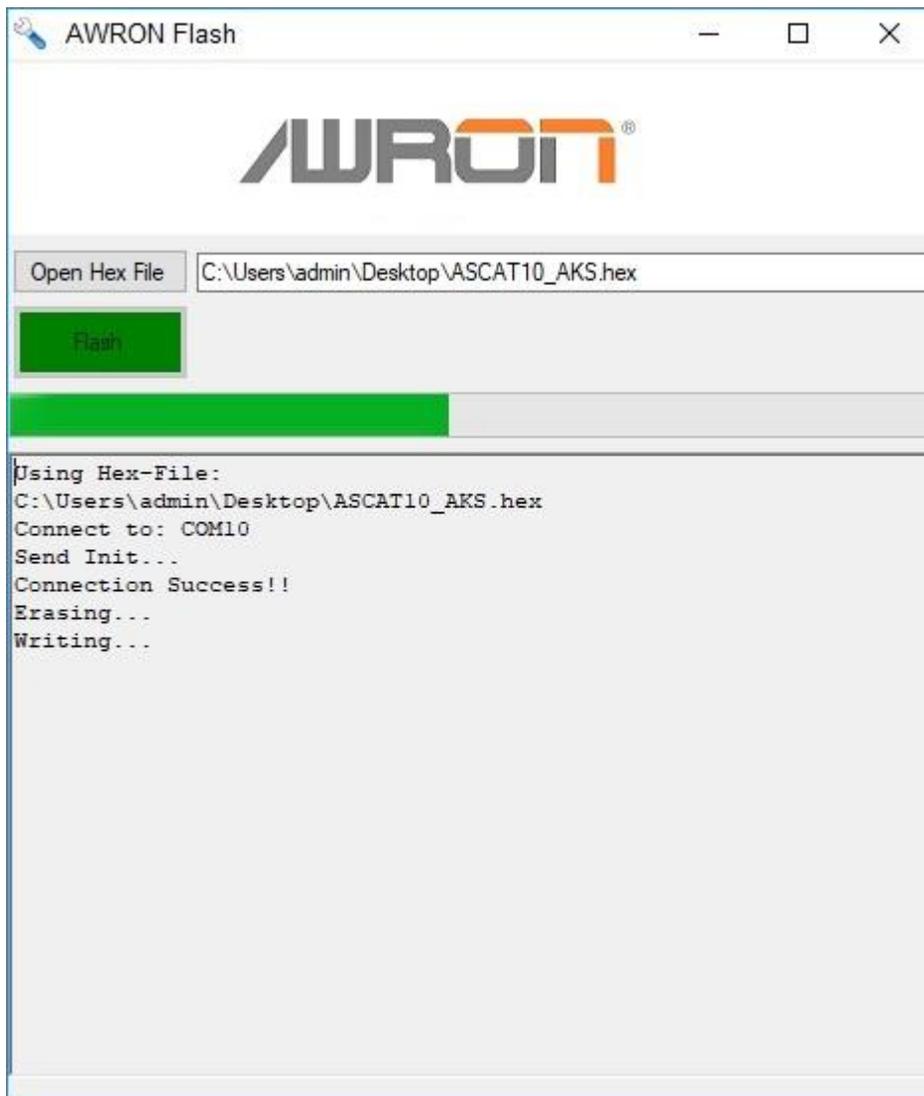
PC configuration software

With the configuration software, the function of the exhaust flap and the software switch can be switched on and off via USB.

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Flash Programmiersoftware

Software updates can be imported with the Flash Program Tool.

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Technical specifications

- Automotive electronics
- Operating temperature range -40 °C bis +85 °C
- Aluminum casing
- Dimensions L 70mm x W 45mm x H 25mm
- Can be updated via USB

Scope:

- AWRON Fxx/Gxx modul
- Cable set including plug
- Installation and operating instructions
- USB cable
- PC configuration software

Contact

AWRON-automotive
Inh. Robert Sop
Herbergstrasse 21
80995 München
Germany

Tel. +49 (0)89 37911860
E-Mail: info@awron-automotive.de
Webseite: www.awron-automotive.de