

SmartGas 2

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8. Manufacturer

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9. Installation company

Company name

Address

City

Telephone

(business hours)

Emergency telephone

(non business hours)

6. Selecting input device

After turning on the ignition will SmartGas 2 respond to the input device that is used first. The non-selected input device is ignored.

If by mistake the wrong input device was selected, switch the ignition off and turn it on after five seconds. A new selection can be made.

SmartGas 2 may be equipped with a selector switch. In this case SmartGas 2 always reacts to the input device that is selected with the switch.

The selection switch makes it possible to switch during a drive. All connected input devices must be put in the idle position before the new selection takes effect.

7. Gas release while braking

As soon as the brake is operated, SmartGas 2 gas will return the throttle to the idle position. The throttle will only respond after the brakes are released and the input device has been in the idle position.

Rapid changes from brake to gas may lead to unwanted throttle release. Therefore, the input device does not have to return to the idle position when the simultaneous operation of gas and brake was shorter than a pre-set time. By default, this 'Overlap time' is set to 0.3 seconds. The installation company may change this time if you are frequently experiencing discomfort from unintended throttle release.

1. About SmartGas 2

SmartGas 2 enables using an alternative input device to control the throttle. The system simulates the signals of the original electronic gas pedal making the vehicle think the original pedal is being operated.

The alternative control could be a rocker pedal, a knee-gas, gas/brake slide or something customer specific.

While using the alternative control, the vehicle won't respond to the original gas pedal. The alternative control will be ignored while the original pedal is selected.

When the brake is operated, the throttle output will return to idle. The throttle will respond again after the brakes are released and the throttle control has returned to the idle position.

The system is equipped with an orange warning light. The warning light indicates system faults to the driver.

2. Warning light

The warning light always starts blinking when the ignition is switched on. Make sure the light is blinking. The light goes off when the brake is actuated once. The brake signal is required to release the throttle while braking.

Contact the installation company if the light doesn't blink after the ignition is switched on.

The warning light also lights up when the system detects a fault. Depending on the nature of the fault the throttle still reacts as usual, restricted or not at all.

Contact the installation company if the light is on while driving.

3. OEM fault messages

SmartGas 2 is connected between the original gas pedal and the engine management system. Faults in the output signals of SmartGas 2 could lead to fault messages of the original engine management system. Contact the installation company to investigate the nature of the fault.

The car dealer can relatively easily restore the connection between the gas pedal and engine management system to the original state. Then it can be determined if the fault is caused by SmartGas 2 or a fault in the OEM electronics.

When the vehicle displays an OEM fault message, inform your dealer of the presence of SmartGas 2. It is better to contact the installation company.

4. Location components

When a failure occurs it could be convenient to be able to tell roadside assistance where the parts of SmartGas 2 are mounted. The installation company can write it down below:

Part	Location
Control unit	
Plugs to restore original connection to gas pedal	
+30 fuse (5A)	
+15 fuse (5A)	

5. Maintenance

SmartGas 2 is maintenance free.