

Warranty:

Our company "Franz Rinke, Herstellung und Vertrieb" provides an extended warranty of 24 months for our Marderschock system to the final customer, starting from the date of purchase.

For registering a complaint, the final customer has to provide a copy of the installation receipt which clearly states the serial number of the installed device. Belated insertion of the s/n is not possible.

In case the device is not broken, the final customer will have to cover the cost himself. If in doubt, give us a call to eliminate possible problems with us.

As part of this warranty we will reimburse the costs, up to 50 EUR, for un- and re-mounting of a broken (but new) device. Additional costs will not be covered by this warranty. Opening, disassembling or inappropriate handling of the device will void this warranty. Technical data is subject to change without prior notice.

Extended warranty:

In case martens damage your automobile despite correct installation of our *Marderschock* device within the first year of use, our company will reimburse your costs of repair up to an amount of 50 EUR. In order to complete your request of reimbursement, we ask you to provide us with the following documents:

the devices

the purchase receipt including the s/n (serial number)

the installation receipt including the engine wash

a photo or sketch of the installation

receipt stating the costs of repair

The marten is an animal amenable to natural law. Therefore we cannot provide you with a never-know-to-fail warranty for the protection of your automobile.



MARDERSCHOCK S2500/30

We have been manufacturing devices to protect your car against martens for over 25 years. In addition to this electro shock device we also offer an ultrasonic version and a combined version of this device. For attics, car ports, barns and storage halls we offer a 220V based, ultrasonic device. We have been enhancing and developing our devices continuously since the beginning and have become the main manufacturer for all major car producers.

Technical specifications:

operating voltage: 12 V

power consumption (normal operation): Ø 6 mA

power consumption (power saving mode): Ø 4 mA

voltage output: bis 1000 V, with increased perceived intensity

max. ambient temperature: -40 to +80° C (-40 to 176° F)

LED green: indicates operation mode

LED yellow: indicates shock production

LED white: indicates operation with additional flash

This device is small, compact, spray water resistant and easy to mount.

Mode of operation:

This device works like a pasture fence and creates electric shocks up to 1000 V when engine is switched off. If a marten touches the live wire, it receives an electric shock that repels it without hurting or threatening its life.

For humans touching the live wire is very unpleasant but not dangerous, **except for people using a cardiac pacemaker.**

Therefore, we strongly advise caution after activating the device!

The flash fires about 3 times per minute to provide an additional repelling effect.



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TÜV
geprüft

Installation:

Your device can be mounted anywhere inside the engine compartment. Suggested place of installation is near battery and engine cover.

The current wire should be mounted in a way that forces the marten to touch it when it wants to enter the engine compartment. It is safe to lead the wire around other parts if they are properly insulated. Do not let the wire touch grounded parts or bare, uninsulated metal. As other rubber hoses or plastic parts might be conductive, avoid touching them with the uninsulated wire. You can shorten the electric wire if you tin it at the end. It is also possible to extend or branch the wire this way.

Pay attention to proper ground insulation. The fuse inside the red cable blows after a short circuit period of approx. 20 seconds. Therefore your device is protected against temporary short circuiting to ground when turned on. Place the warning sticker inside the engine compartment!

You are required to conduct a functionality test after the installation:

A short whistle will sound directly after activation.

Watch the green LED. Three flashes indicate that your battery is fully charged and the device will work in full power mode. Two flashes indicate a medium battery level and power saving mode of the device where operation is interrupted for short intervals. A single flash indicates a critically low battery level and stand-by mode where the device can only operate with longer interruptions in order to conserve the remaining battery level.

Each of the three modes constantly checks and indicates the battery level. You can recognize the mode by the corresponding LED pattern.

You are required to check the blank wire with a continuity tester to ensure that there is short circuit.

The electric shock can be felt clearly by human beings. Exercising caution is advised!

Attention: The device has to be switched off if maintenance is conducted inside the engine department. You can remove the fuse at the red wire to interrupt electricity.

Electrical connection of your S 2500/30 to all vehicles:

Connect the red wire to the positive pole (+) and the black cable to the negative pole (-) of your battery. The device's micro controller will detect the operating voltage and choose the appropriate operation mode. Switching on your ignition automatically deactivates the device. Connect the grey cable to the blank wire.

Installation material of your Marderschock S 2500/30:

1 blank wire (5 m)

1 heat shrink hose (1 m, isolation for the blank wire)

10 plastic fixtures

1 red cable (2m) with attached 200 mA fuse

1 black cable (2m)

6 cable ties (28 cm)

10 cable ties (14 cm)

2 perforated metal plates

2 cylinder head screws M 4 x 12

2 tapping screws 3,9 x 9,5

2 screw nuts M 4

2 toothed washers M 4

1 warning sticker

Attention!

Warranty regulation require you to thoroughly clean the engine compartment in order to remove the marten's scent marks if a marten has already caused damage to your car.