

Safety information for end customers

Throttle valve

Document information	
Typ	User documentation
Confidentiality	Public
Audit due date	2026-12-31

Mitwirkende	
Author	MZ
Exam	NW
Release	MF

Version	Date	Changes
1	2025-07-09	First edition

Content

1	Purpose	3
2	Scope	3
3	Description	3
3.1	Basic information	3
3.1.1	Validity and storage	3
3.1.2	Symbols of safety instructions	3
3.2	Product identification	4
3.3	Other applicable safety symbols	4
3.3.1	Storage	4
3.4	Safety	4
3.4.1	Intended use	5
3.4.2	Non-species use	5
3.4.3	Requirements for the end user	5
4	Avoidance symbols	5
5	Safety Instructions	5
5.1	General	5
5.2	Collapse of a brand	6
5.3	Environmental conditions	6
5.4	Damage to property due to improper storage	7
5.5	Property damage due to unauthorized cleaning	7
5.6	Sharp edges and moving parts	7
5.7	Packaging	8
5.8	Media	8
5.9	Disposal	9
6	Facilities	9

1 Purpose

Protection of human health and the environment during use.

2 Scope

Valid in:

Germany, England, America; Egypt, Greece; Italy; Netherlands, Norway, Portugal, Serbia, Sweden, Switzerland, Austria;

3 Description

3.1 Basic information

This document contains all information regarding the intended use and safety. Please read this document carefully and pay attention to the safety instructions!

This document is intended for the end user. Self-assembly as well as modifications to the gas throttle/piston by the end user are expressly prohibited. Assembly and disassembly must be carried out by trained professionals.

3.1.1 Validity and storage

This document is valid for all products listed under 1. Please keep this document safe to quickly access the necessary safety information in case of need. You can find the always up-to-date version of this document in the download area.

<https://www.bingpower.de/service>

3.1.2 Symbols of safety instructions

The warning notices differ according to the type of hazard:

Meaning: **Danger**

Warns of an imminent danger that can lead to death or serious injury if not avoided.

Symbol:



Meaning: **Note**

Warns of a potentially dangerous situation that can lead to property or environmental damage and injury if not avoided.

Symbol:



3.2 Product identification

For inquiries, it is necessary to provide the article number. You can find this on the QR code located on the packaging.



Fig. 1: exemplary QR code on the packaging

3.3 Other applicable safety symbols

Warning signs for cuts



Labeled product must not be disposed of in household waste.



3.3.1 Storage

You do not need to print this document, but you can access the current version at any time as described under [Validity and Retention].

3.4 Safety

To avoid personal injuries and property damage and to ensure a permanently safe operation, the following safety instructions must be strictly followed.

3.4.1 Intended use

The gas valves/pistons are and will be developed and manufactured according to recognized standards and legal requirements.

The product is intended to ensure a defined flow. The following specifications apply.

- only intended for use with the designated carburetor
- Installation only according to vehicle manufacturer's specifications
- Installation and removal may only be carried out by trained professional personnel.

3.4.2 Non-species use

Thinkable and impermissible are manipulations such as

- Adjustment of the set screws
- Replacement of the jet
- Use of non-original components
- Drilling out the housing

3.4.3 Requirements for the end user

Through incorrect operation, you can endanger yourself and others. You can also cause damage to the system. Therefore, the following requirements are placed on you as an end user:

- The gas valves/pistons may only be operated as described in the guidelines of the vehicle manufacturers. Diesels
- Product is not suitable for individuals with limited mental capacities.
- Children must not work with the product.

4 Avoidance symbols

Use safety glasses



Use protective gloves



5 Safety Instructions

5.1 General



Ein Ausdruck dieses Dokuments ist eine unkontrollierte Kopie und daher nur am Tag des Ausdrucks gültig.

To avoid personal and material damage, please read the following safety instructions carefully. Only in this way can a permanently safe operation be ensured. Life-threatening situations due to improper use as well as injuries can be the consequences of improper use. Use the system exclusively in its original condition.

Do not make unauthorized changes to the system.

Make sure that the system is in perfect technical condition.

5.2 Collapse of a brand



Due to environmental conditions, hot surfaces, and the processing of fuels by the carburetor, it cannot be ruled out that a fire could develop. Under no circumstances should you ignore the following general instructions:

- In case of fire in enclosed spaces (e.g., garage), please leave immediately by the direct route.
- Close doors to the fire source if possible
- Alert people nearby.
- Avoid inhaling smoke and fumes.
- Call the fire department
- Pay attention to your own safety.
- Operation of the internal combustion engine in enclosed spaces is not permitted.

For measures that specifically apply to carburetors, the following is recommended.

Using new gaskets can prevent/reduce fuel leakage.

5.3 Environmental conditions



Ein Ausdruck dieses Dokuments ist eine unkontrollierte Kopie und daher nur am Tag des Ausdrucks gültig.



If the product is operated outside the optimal environmental conditions, the function and starting behavior of the motor may be impaired.

- During mountain climbs, air pressure decreases with altitude and affects the air-fuel ratio.
- After extended operation and parking under heat exposure (hot asphalt; direct sunlight; engine heat radiation), the fuel can evaporate.

5.4 Damage to property due to improper storage



During longer periods of inactivity, condensation forms in the float chamber. Therefore, the fuel should be drained when winterizing or replaced when starting up.

5.5 Property damage due to unauthorized cleaning



- Only use suitable cleaning agents
- Do not use abrasive cloths or sponges to clean the system, as this may damage the surfaces.
- When using a steam cleaner, it is possible for water to enter the system.

5.6 Sharp edges and moving parts





- Edges that have been machined metallurgically can be sharp and may cause cuts.
- Movable parts such as gas sliders/pistons are designed with spring returns. There may be a risk of crushing.
- Spring elements can lead to uncontrolled movements.

In principle, protective gloves and goggles should be worn when handling the gas valve/piston. Installation must be carried out by qualified personnel. If a component needs to be moved, please ensure that deflected parts remain securely in their position.

5.7 Packaging



- Plastic bags can obstruct the airways.
- Keep away from children

5.8 Media



- Do not suck fuel from possible fuel lines with your mouth
- If fuel is swallowed, contact a doctor immediately

5.9 Disposal



- The product must not be disposed of with household waste.

6 Facilities

Valid for:	
Article number	Designation
22-907-1361-01	Kolben mit Membrane kpl.
22-907-133-08	Kolben mit Membrane kpl.
122-460-02	Gasschieber
122-470-02	Gasschieber
722-911-64-03	Kolben kpl.
22-911-24-03	Kolben zg.
22-907-3-04	Kolben zg.
22-906-3-02	Kolben zg. AN
22-962-170-00	Gasschieber zg.
22-635-5923-02	Gasschieber
22-360-101-00	Gasschieber mit DN
22-642-220-00	Gasschieber
22-642-230-01	Gasschieber
22-642-2103-00	Gasschieber
22-642-2303-00	Gasschieber
22-542-06	Gasschieber
22-550-02	Gasschieber
22-635-594-05	Gasschieber
22-720-02	Gasschieber
22-635-197-03	Gasschieber
22-635-1971-02	Gasschieber
22-358-101-00	Gasschieber kpl.
22-358-3-02	Gasschieber
22-355-02	Gasschieber
22-358-02	Gasschieber
22-575-8-02	Gasschieber
22-566-02	Gasschieber
22-575-5-03	Gasschieber
22-221-03	Gasschieber
22-651-111-04	Gasschieber
22-146-31-02	Gasschieber

22-651-11-06	Gasschieber
22-651-12-02	Gasschieber
22-215-201-01	Gasschieber mit Zubehör
22-260-3-04	Gasschieber mit OF
22-151-14-05	Gasschieber
22-180-25-00	Gasschieber
22-180-24-08	Gasschieber
22-185-13-02	Gasschieber AN
22-146-22-02	Gasschieber
22-180-51-05	Gasschieber
22-140-18-03	Gasschieber
22-181-3-02	Gasschieber
22-150-1-08	Gasschieber
22-150-13-03	Gasschieber
22-080-12-02	Gasschieber
22-265-06	Gasschieber
22-080-16-04	Gasschieber
22-146-2-06	Gasschieber
22-260-08	Gasschieber mit OF
22-185-12-04	Gasschieber
22-140-11-05	Gasschieber
22-140-13-05	Gasschieber AN
22-140-8-08	Gasschieber
22-185-1-04	Gasschieber
22-185-2-04	Gasschieber
22-140-10-09	Gasschieber
22-130-190-02	Gasschieber
22-166-2-02	Gasschieber
22-170-1-02	Gasschieber
22-180-06	Gasschieber
122-215-06	Gasschieber
122-470-02	Gasschieber
22-962-170-00	Gasschieber zg.
22-635-5923-02	Gasschieber
22-360-101-00	Gasschieber mit DN
22-642-220-00	Gasschieber
22-642-230-01	Gasschieber
22-642-2103-00	Gasschieber
22-642-2303-00	Gasschieber
22-542-06	Gasschieber
22-550-02	Gasschieber
22-635-594-05	Gasschieber
22-720-02	Gasschieber
22-635-197-03	Gasschieber
22-635-1971-02	Gasschieber

22-358-101-00	Gasschieber kpl.
22-358-3-02	Gasschieber
22-355-02	Gasschieber
22-358-02	Gasschieber
22-575-8-02	Gasschieber
22-566-02	Gasschieber
22-575-5-03	Gasschieber
22-221-03	Gasschieber
22-651-111-04	Gasschieber
22-146-31-02	Gasschieber
22-651-11-06	Gasschieber
22-651-12-02	Gasschieber
22-215-201-01	Gasschieber mit Zubehör
22-260-3-04	Gasschieber mit OF
22-151-14-05	Gasschieber
22-180-25-00	Gasschieber
22-180-24-08	Gasschieber
22-185-13-02	Gasschieber AN
22-146-22-02	Gasschieber
22-180-51-05	Gasschieber
22-140-18-03	Gasschieber
22-181-3-02	Gasschieber
22-150-1-08	Gasschieber
22-150-13-03	Gasschieber
22-080-12-02	Gasschieber
22-265-06	Gasschieber
22-080-16-04	Gasschieber
22-146-2-06	Gasschieber
22-260-08	Gasschieber mit OF
22-185-12-04	Gasschieber
22-140-11-05	Gasschieber
22-140-13-05	Gasschieber AN
22-140-8-08	Gasschieber
22-185-1-04	Gasschieber
22-185-2-04	Gasschieber
22-140-10-09	Gasschieber
22-130-190-02	Gasschieber
22-166-2-02	Gasschieber
22-170-1-02	Gasschieber
22-180-06	Gasschieber
122-215-06	Gasschieber