

Safety information for end customers

Nozzle needle

Document information	
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Confidentiality	Public
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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 observe the safety instructions!

This document is intended for the end user. Self-assembly and modifications to the carburettor by the end user are expressly prohibited. Assembly and disassembly must be carried out by trained professionals.

3.1.1 Gültigkeit und Aufbewahrung

This document is valid for all products listed under 6. Keep this document safe to quickly access the necessary safety information in case of need. The latest version of this document can be found in the download area.

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

3.1.2 Symbols of the safety instructions

The warning signals vary according to the type of danger:

Meaning: **Danger**

Warns of an imminent threat that could result in death or serious injury if not avoided.

Symbol:



Meaning: **Notice**

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

Symbol:



3.2 Product identification

For inquiries, the specification of the article number is necessary. You can find this on the QR code located on the packaging.



Fig. 1: exemplary QR code on the packaging.

3.3 Additional applicable safety symbols

Warning signs for cuts



Warning: hot surface



Marked products 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

In order to avoid personal injury and property damage and to ensure a consistently safe operation, the following safety instructions must be strictly adhered to.

3.4.1 Intended use

The nozzle needles are and will be developed and manufactured according to recognised standards and legal regulations.

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

- only intended for the specified motor
- the carburettor is subject to the regulations of the respective vehicle manufacturer
- to be used only with permitted fuels
- installation only according to vehicle manufacturer specifications
- installation and removal may only be carried out by trained professionals.

3.4.2 Unauthorised use

Manipulations such as are conceivable and unacceptable.

- Change of nozzle needle geometry
- Use of non-original attachments
- Use of an unsuitable needle nozzle
- Boring out the housings

3.4.3 Requirements for the end user

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

- The carburettors may only be operated as described in the vehicle manufacturers' guidelines.
- This product is not suitable for individuals with limited mental capabilities.
- Children must not operate the product.

4 Avoidance symbols

Use protective goggles.



Use protective gloves.



5 Safety instructions

5.1 General



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 inappropriate use. Use the system exclusively in its original condition. Do not make unauthorised modifications to the system. Ensure that the system is in good technical condition.

5.2 Fire incident



Due to the environmental conditions, hot surfaces, and the handling of fuels by the carburetor, it cannot be ruled out that a fire may occur. In such cases, be sure to follow the following general instructions:

- In case of fire in enclosed spaces (e.g., garage), please leave immediately via the direct route.
- Schließen Sie, wenn möglich, Türen zur Feuerquelle
- Alert people nearby.
- Avoid inhaling smoke and fumes.
- Rufen Sie die Feuerwehr
- Call the fire department.
- Pay attention to your own safety.
- Operation of the combustion engine in enclosed spaces is not permitted

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

By using new seals, escaping fuel can be prevented/reduced.

5.3 Environmental conditions



- If the product is operated outside of optimal environmental conditions, the function and starting behaviour of the motor may be affected.
- During mountain ascents, air pressure decreases with altitude and affects the air-fuel ratio.

5.4 Property damage due to improper storage



During extended periods of inactivity, condensation forms in the float chamber. Therefore, during winterization, the fuel must be drained, or during startup, the fuel must be replaced.

5.5 Property damage due to improper cleaning.



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



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

5.6 Sharp edges and moving parts



- Machined metal edges can be sharp and may cause cuts.
- Movable parts such as pistons and levers are designed with spring returns. There is a risk of pinch points here.
- Spring elements can lead to uncontrolled movements

In principle, protective gloves and goggles should be worn when handling the nozzle needles. Deflections are not necessary when not installed. Installation should 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 block airways
- Keep away from children

5.8 Media



- Do not suck fuel from possible fuel lines with your mouth
- In case of swallowing the fuel, contact a doctor immediately

5.9 Disposal



- The product must not be disposed of in the household waste.

6 Plants

Valid for:	
Article number	Designation
46-210-6G1-07	Düsennadel
46-210-2B2P-09	Düsennadel
46-251-01	Düsennadel
46-380-6D6-05	Düsennadel
46-380-6L6-05	Düsennadel
46-934-02	Düsennadel mit OF
46-290-4K1-08	Düsennadel
46-290-6L1-08	Düsennadel
46-290-8E1-08	Düsennadel
46-123-04	Düsennadel mit FB
46-290-8M1-08	Düsennadel
46-184-03	Düsennadel mit FB
46-235-02	Düsennadel
46-163-03	Düsennadel mit FB
46-162-03	Düsennadel mit FB
46-151-04	Düsennadel mit FB
46-925-01	Düsennadel mit OF
46-932-02	Düsennadel
46-061-06	Düsennadel
46-042-08	Düsennadel
46-081-07	Düsennadel
46-083-03	Düsennadel
46-085-03	Düsennadel
46-102-03	Düsennadel mit FB
46-054-00	Düsennadel
46-053-03	Düsennadel
46-041-01	Düsennadel mit OF
46-281-01	Düsennadel mit OF
46-291-02	Düsennadel
46-064-00	Düsennadel
46-031-07	Düsennadel
46-023-07	Düsennadel