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2 Overview

2.1 For your safety

CAUTION



Validity of this document!

This document is only valid in combination with the operating instructions for the welding torch being used!

- Read the operating instructions, in particular the safety instructions for the welding torch!



Risk of accidents if these safety instructions are not observed!

Non-observance of these safety instructions is potentially fatal!

- Carefully read the safety information in this manual!
- Observe the accident prevention regulations in your country.
- Inform persons in the working area that they must observe the regulations!

DANGER



Do not carry out any unauthorised repairs or modifications!

To avoid injury and equipment damage, the unit must only be repaired or modified by specialist, skilled persons!

The warranty becomes null and void in the event of unauthorised interference.

- Appoint only skilled persons for repair work (trained service personnel)!

CAUTION



Obligations of the operator!

In the European Economic Area (EEA), the relevant national version of the basic guidelines must be followed and observed!

- National version of the basic guidelines (89/391/EEC) as well as the relevant individual guidelines.
- In particular the Directive (89/655/EEC) on the minimum regulations for safety and health protection when staff members are using equipment during work.
- The accident prevention regulations of the relevant country (e.g. in Germany, BGV D 1).
- Check at regular intervals that users are working in a safety-conscious way!

2.2 Proper usage

⚠ CAUTION

⚠ Hazards due to improper usage!
Hazards may arise for persons, animals and material objects if the equipment is not used correctly. No liability is accepted for any damages arising from improper usage!

- The equipment must only be used in line with proper usage and by trained or expert staff!
- Do not modify or convert the equipment improperly!

The option ON BRENNERTASTER OBEN is intended for use with the MT220G, MT220CG, MT300G, MT300CG, MT400G, MT350W and MT500W welding torches. Any other use is regarded as "not as intended" and no liability is assumed for any resulting damages.

2.3 Re-equipment set

NOTE

👉 Before conversion, check that the retrofit kit is complete (see parts list).



Figure 2-1

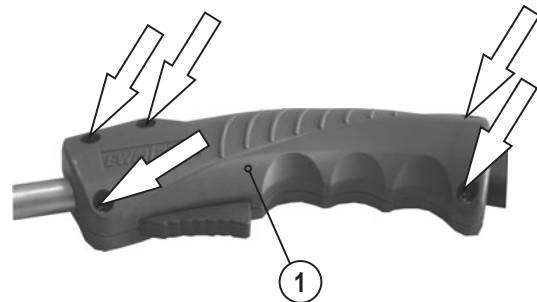
Item	Quantity	Description	Item number
1	5	M4 x 12, steel, combi-torx	094-014604-00000
2	1	Grip plate	092-007828-00000
3	1	Plastic reducer, left, 14 mm	094-014126-00000
4	1	Plastic reducer, right, 14 mm	094-014126-00001
5	1	Plastic reducer, left, 16 mm	094-014127-00000
6	1	Plastic reducer, right, 16 mm	094-014127-00001
7	1	Blind cap, trigger, MT torch	094-014653-00000
8	1	Torch trigger unit	092-007827-00000

3 Conversion

A



B



C

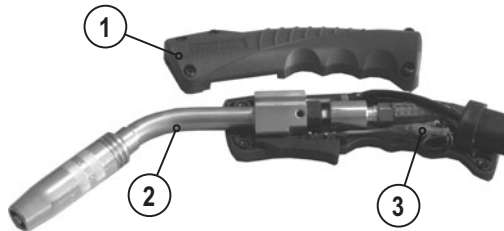


Figure 3-1

Item	Symbol	Description
1		Old handle
2		Welding torch neck
3		Cable connections, torch trigger

- Unscrew the old handle.
- Separate the welding torch neck from the handle.

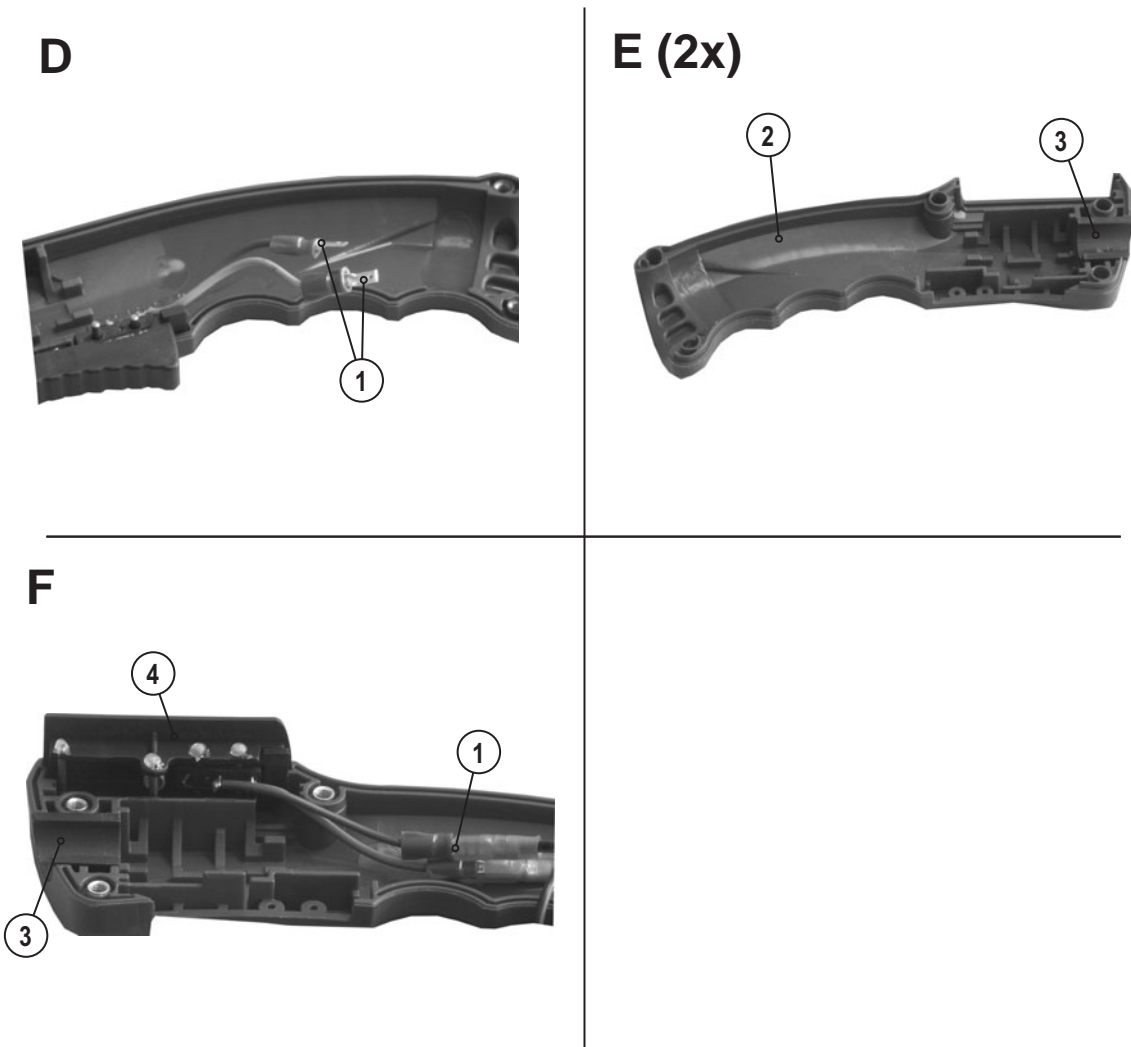


Figure 3-2

Item	Symbol	Description
1		Cable connections, torch trigger
2		New handle
3		Plastic reducer
4		New torch trigger

- Disconnect the cables from the old torch trigger.
- Position a plastic reducer, corresponding to the diameter of the welding torch neck, in both halves of the new handle.
- Insert the new torch trigger into the new handle.
- Make the cable connection with the new torch trigger.

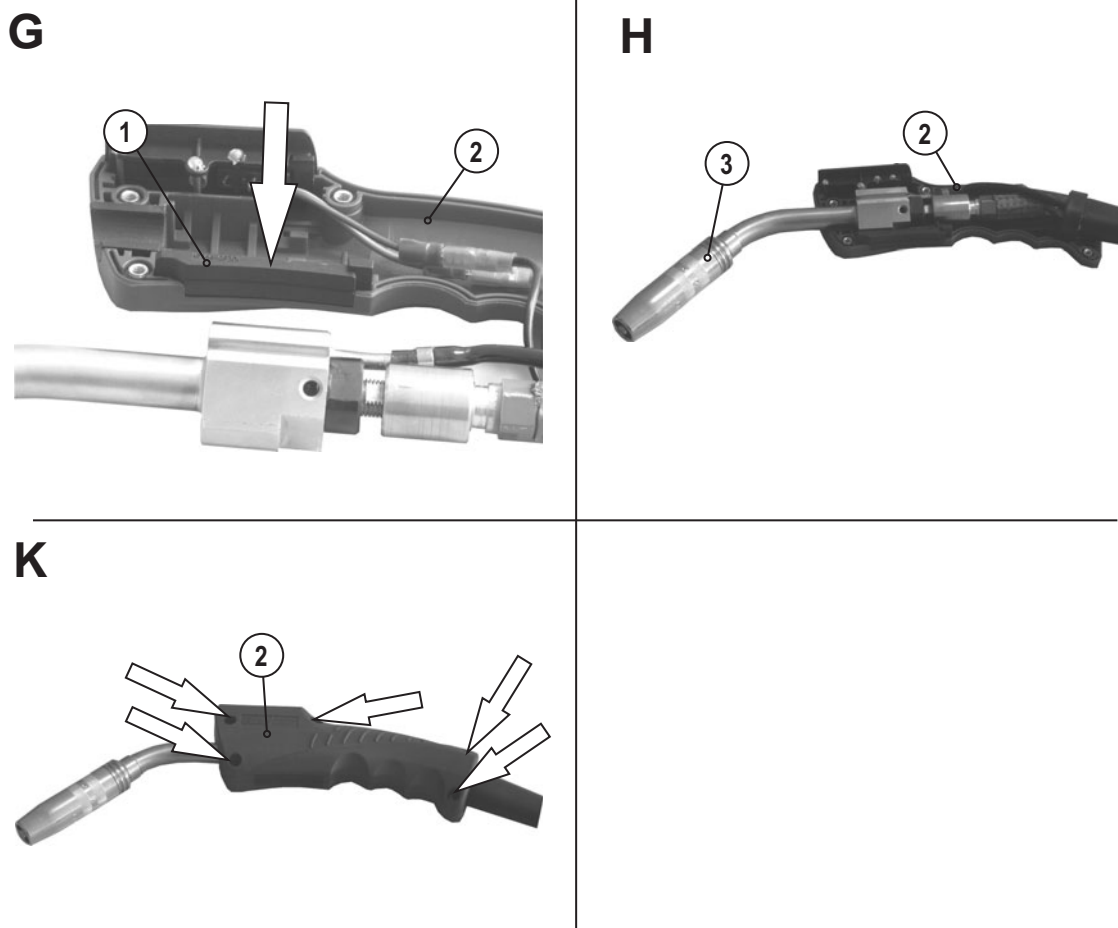


Figure 3-3

Item	Symbol	Description
1		Blind cap, torch trigger
2		New handle
3		Welding torch neck

- Insert the blind cap into the new handle.
- Insert the neck of the welding torch into the new handle.
- Close the new handle with 5 screws.

3.1 Final inspection

CAUTION



Danger due to failure to carry out the final inspection!

Parts that are incorrectly fitted or that become loose are a source of danger.

- Check all mechanical connections to ensure that they are fitted correctly!
- Carry out the final inspection!
- Carry out the functional test!

NOTE



- **Keep the conversion instructions with the machine documentation!**
- **When ordering spare parts, ensure that the item number and serial number of the machine are quoted!**