Quick Use Guide for TM-S1 Face Shield

CONTENTS

1. WARNING 1

2. QUICK USE 3

2.1 View angle adjustment 3

2.2 View distance adjustment 5

2.3 Headgear adjustment 7

2.4 Proper wearing demonstration 8

3. SPARE PARTS REPLACEMENT 9

3.1 Lens replacement 9

4. MAINTENANCE 11

4.1 Storage 11

4.2 Cleaning and disinfection 11

5. TECHNICAL SPECIFICATIONS 11

6. PARTS LIST & ASSEMBLY 12

1.WARNING

⚠ Severe personal injury could occur if the user fails to follow the below mentioned warnings and/or fails to follow the operating instructions. ⚠

- Face shields are designed to protect the eye and face from sparks, spatter, splash of liquids such as droplets.
- This product is not suitable for protection against X-rays, Gamma rays, high energy particulate radiation, lasers and masers.
- Pls make sure the protection film be removed before use.
- Inspect the face shield before use to make sure it is fully assembled and well-functioned, to ensure safety.
- Check before use to determine whether this product is suitable for your application.
- Replace the face shield lens immediately if pitted or scratched, otherwise it will reduce vision clarity, or reduce impact protection.
- Before using the face shield, ensure that you have read and fully understood the instructions. The Warranty Terms don't cover problems such as those caused by: unauthorized modifications; using unauthorized spare parts; abuse; failure to follow the instructions; improper maintenance; repairing.
- For clear lens, it will not provide protection against IR.
- There are only original spare parts to be installed. For information about suitable spare parts pls contact the dealer or manufacturer.
- The duration of use depends on various factors such as use, cleaning storage and maintenance. Frequently inspections and replacement if it is damaged are recommended.

1.WARNING

- Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals.
- Eye-protectors against high speed particles worn over standard ophthalmic spectacles may transmit impacts, thus creating a hazard to the wearer.
- If protection against high speed particles at extremes of temperature is required then the selected eye-protector should be marked with the letter T immediately after the impact letter, i.e. FT, BT or AT. If the impact letter is not followed by the letter T then the eye protector shall only be used against high speed particles at room temperature.
- The user shall contact the health and safety representative to ensure he is given the proper protection by the personal eyewear during working conditions.

2.QUICK USE

2.1 View angle adjustment

Adjust the angle between face shield and face.(see fig. 1)

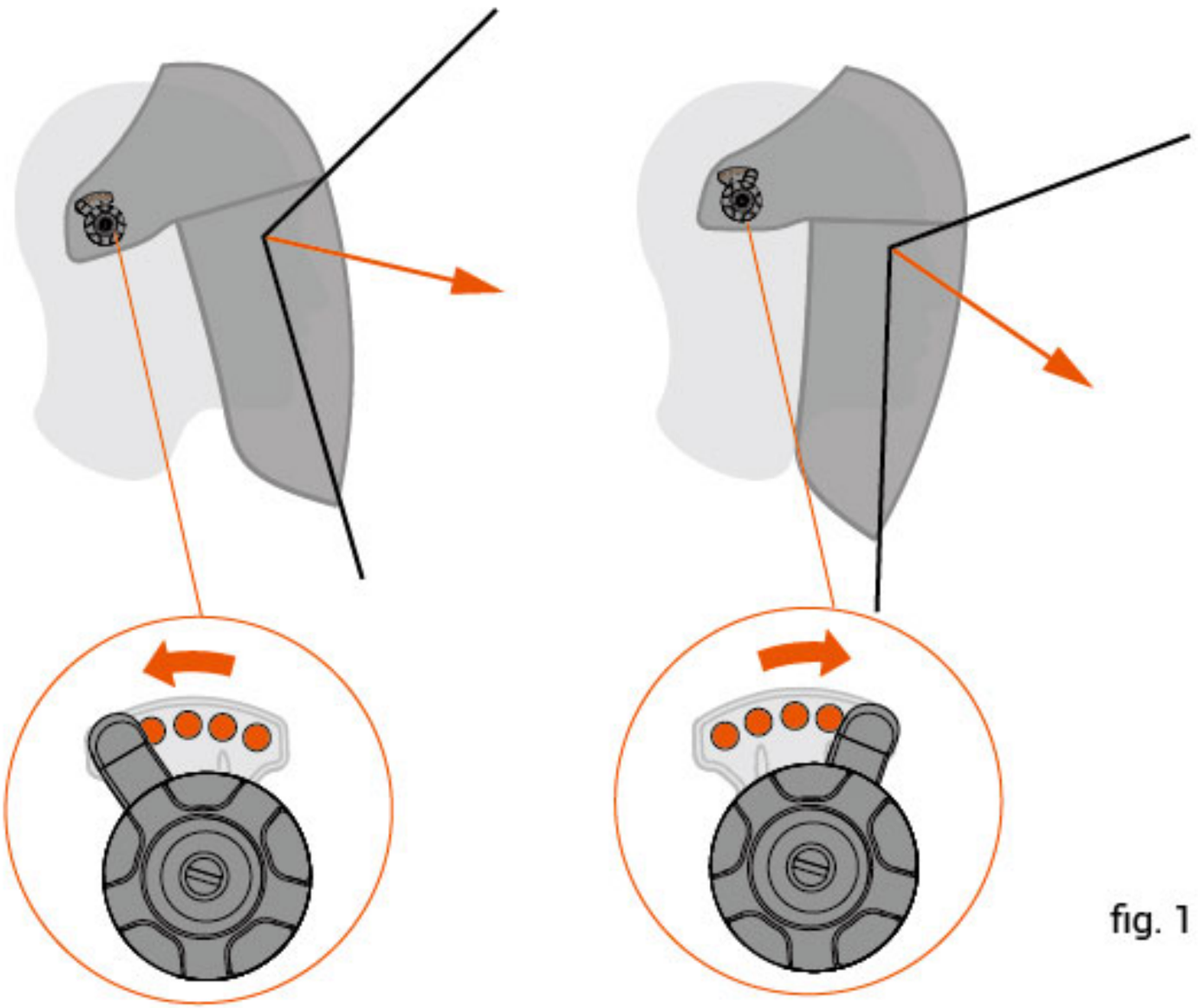


fig. 1

2.QUICK USE

Adjustment process

2.1.1 Loosen the headgear knob on the right side.(see fig. 2)

2.1.2 Rotate the lever forward or back to the proper tilt position, re-tighten the knob to lock the face shield into position.(see fig. 3)

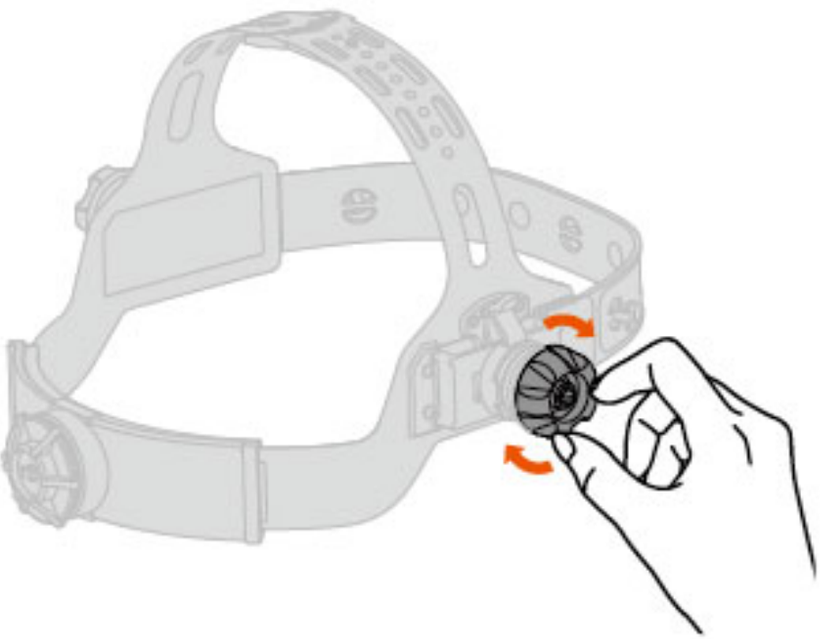


fig. 2

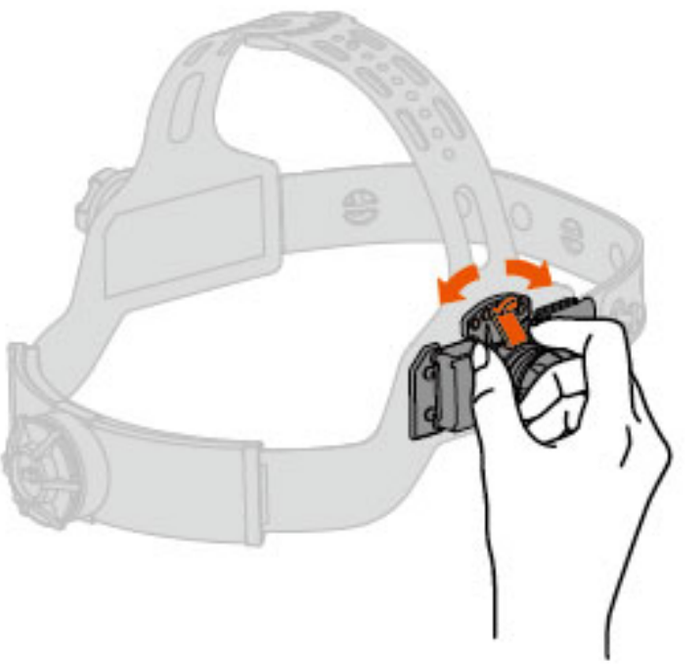


fig. 3

2.2 View distance adjustment

Adjust the distance between face shield and eyes.(see fig. 4)

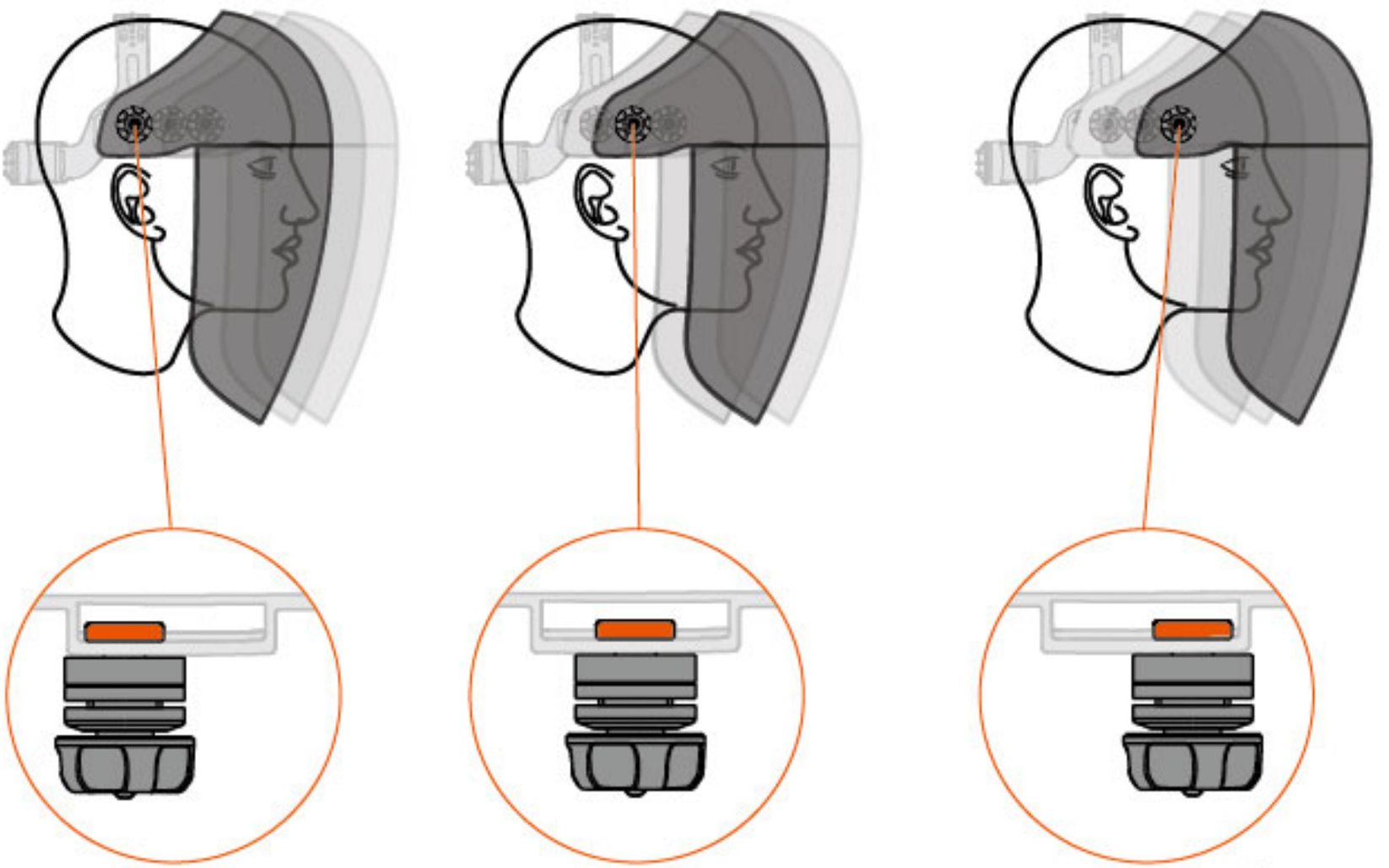


fig. 4

2.QUICK USE

Adjustment process

2.2.1 Loosen the headgear knob on both sides.(see fig. 5)
2.2.2 Slide the screw in fore-aft direction to adjust the distance between the lens and the eyes. Re-tighten the knobs to lock the face shield into position.(see fig. 6)
Make sure both eyes has same distance to the lens.(see fig. 6)

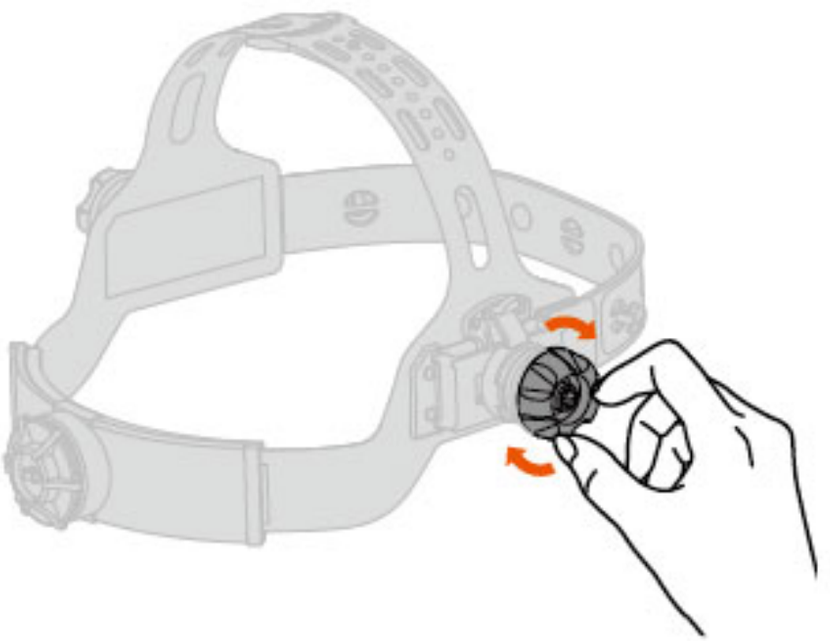


fig. 5

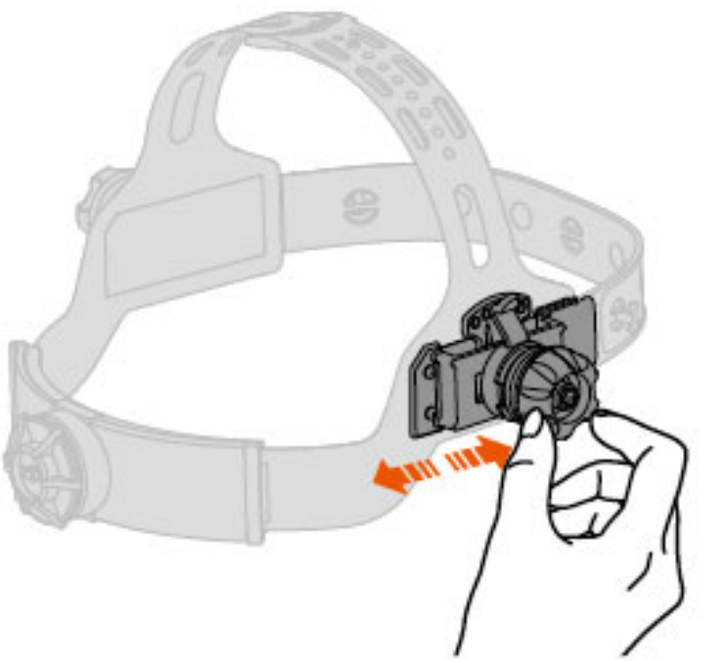


fig. 6

2.3 Headgear adjustment (see fig. 7-8)

Adjustment process

2.3.1 Adjust the strap which passes over the top of your head to proper position. Slide the two portions of the strap to a greater or lesser width as required.(see fig. 7)
2.3.2 Push the locking pin through the nearest hole.(see fig. 7)
2.3.3 Push and rotate the knob on the back of the headgear to set right tension and fix the face shield firmly on the head.(see fig. 8)

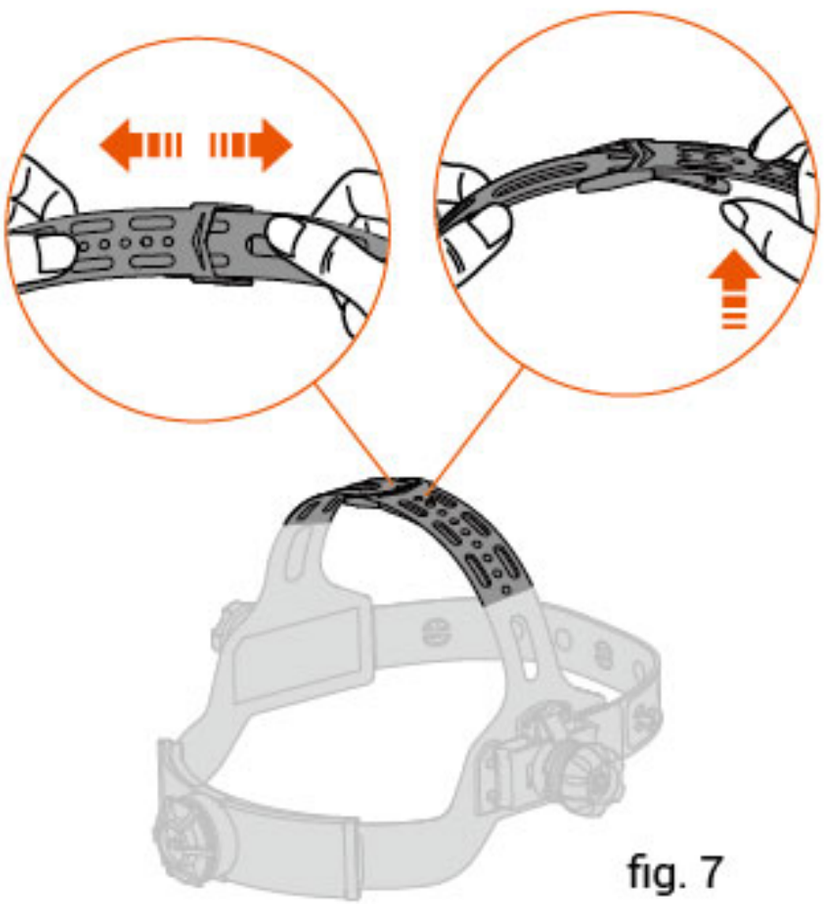


fig. 7

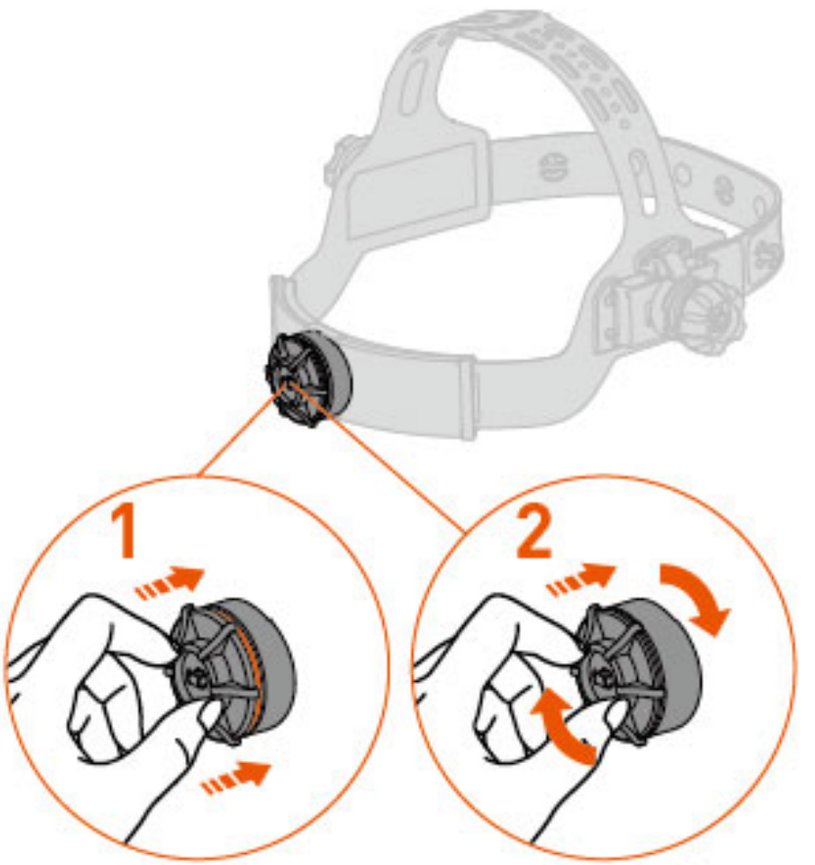


fig. 8

2.4 Proper wearing demonstration (see fig. 9)

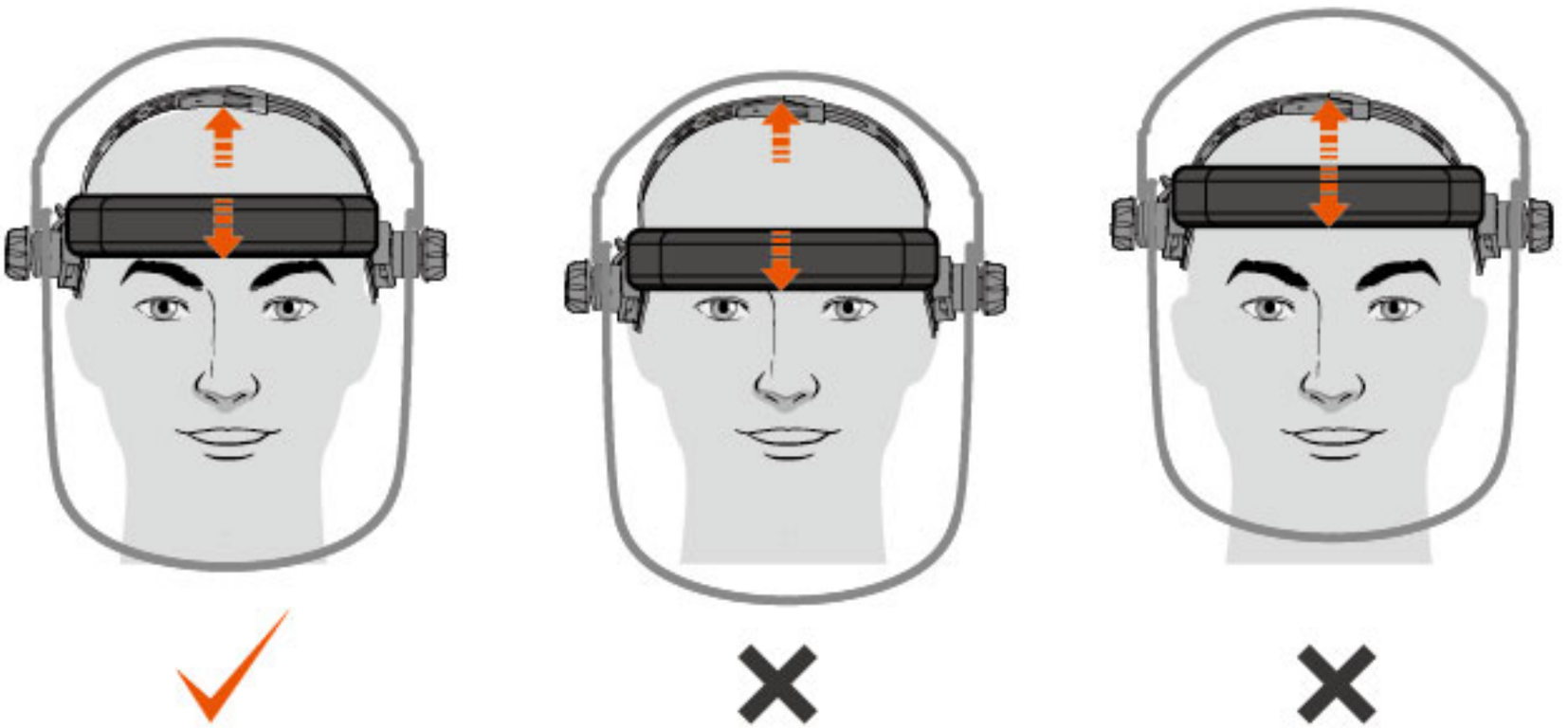


fig. 9

3.SPARE PARTS REPLACEMENT

3.1 Lens replacement

Process

3.1.1 Press the embossment as pointed by arrow, rotate the lens according to the direction showed in fig. 10.

3.1.2 Remove the old lens.(see fig. 11)

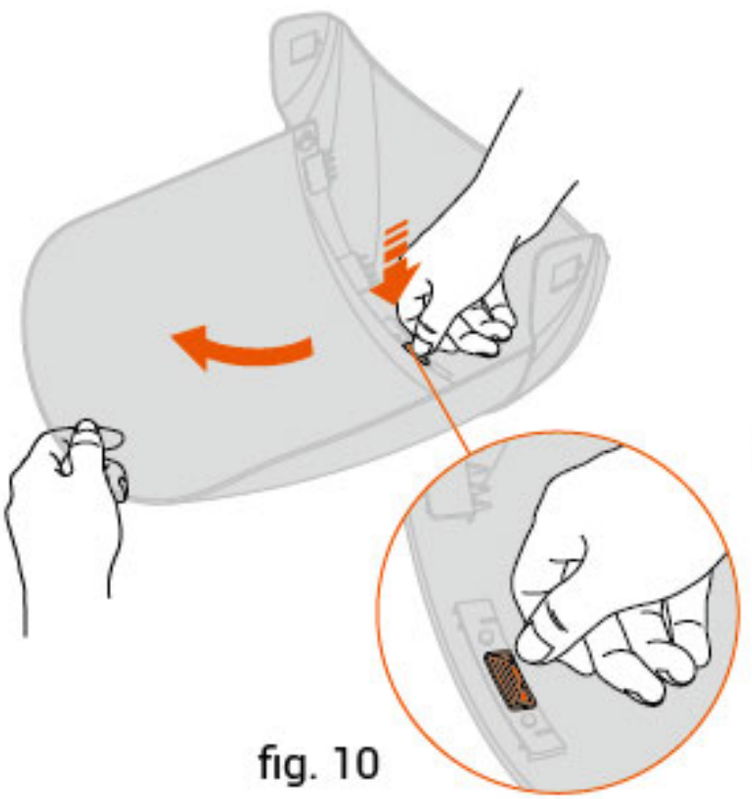


fig. 10

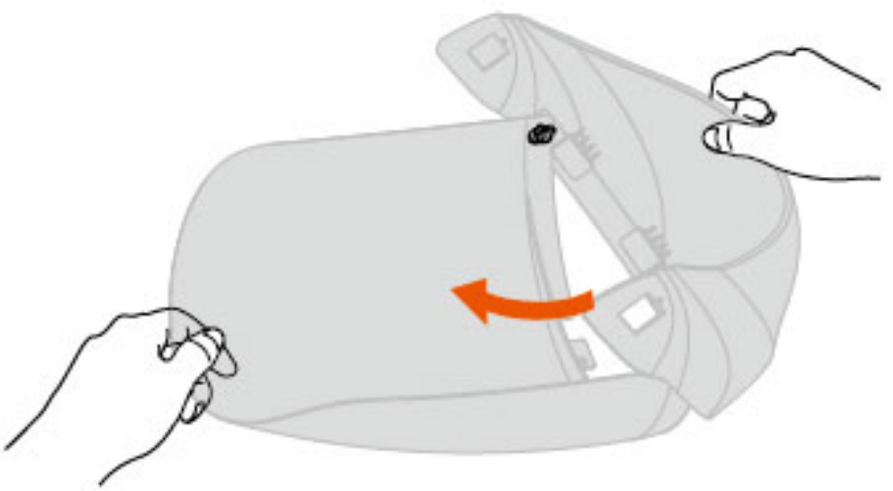


fig. 11

3.1.3 To assemble the new lens, match the locking pin with the notches located on the top corners of the lens.(see fig. 12)
3.1.4 Rotate the lens to the direction shown on fig.13 until hearing the clicking sound to connect with the headpiece and fix the lens.(see fig. 13)

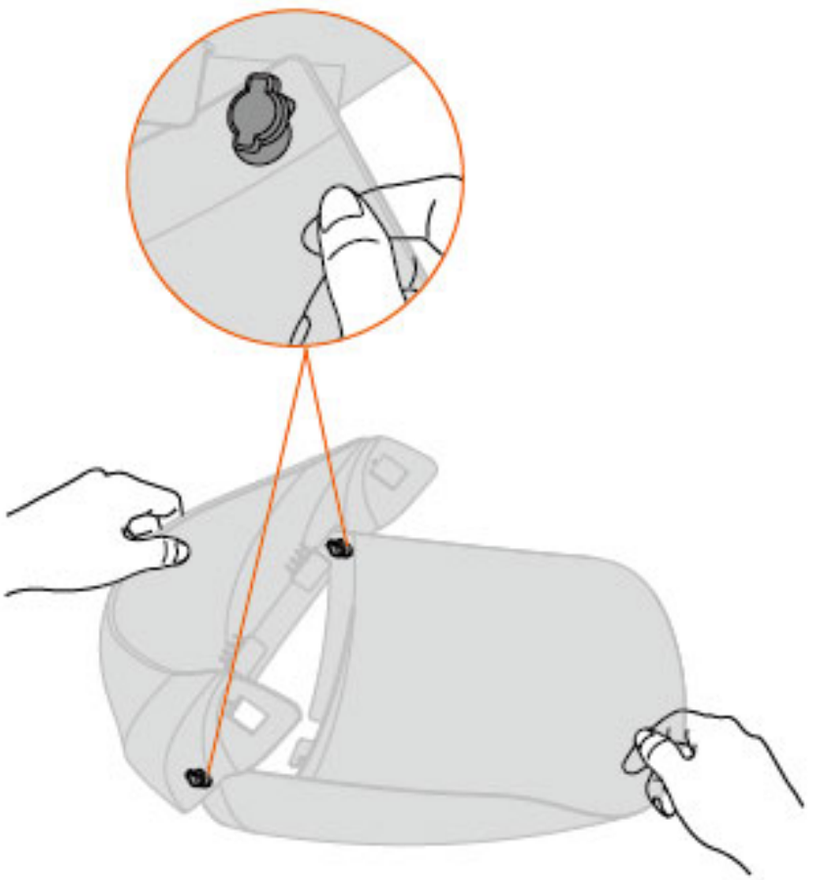


fig. 12

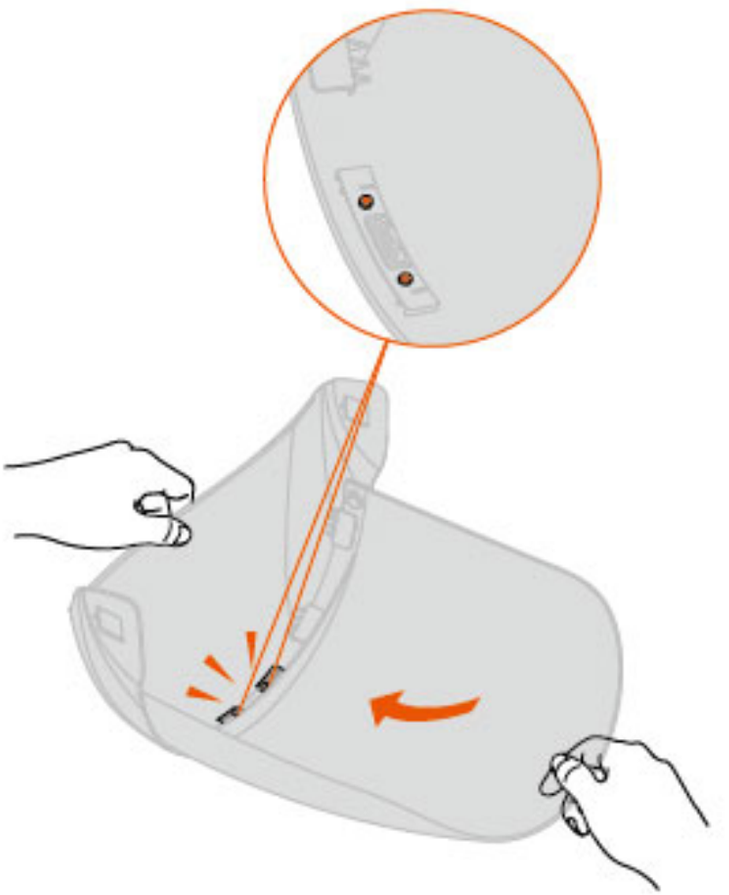


fig. 13

4.MAINTENANCE

4.1 Storage

Use only at temperatures: - 5 °C ~ +55 °C (23 °F ~ 131 °F).
Storing temperature: -20 °C ~ +70 °C (- 4 °F ~ 158 °F). The face shield should be stored in dry, cool and dark area.

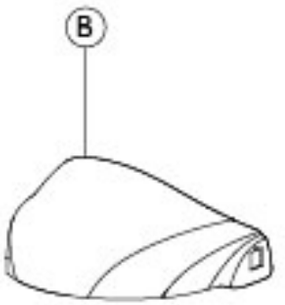
4.2 Cleaning and Disinfection

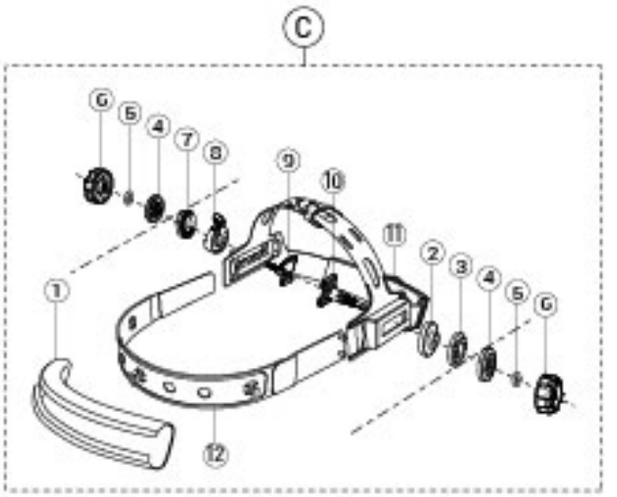
Clean the face shield by wiping with a soft cloth. Clean the lens surface regularly. Do not use strong cleaning solutions. Clean it with methylated spirit and a clean cloth and wipe dry with a lint-free cloth.

5.TECHNICAL SPECIFICATIONS

Product Model	TM-S1
Dimension of PC lens (Height x Width x Thickness)	212 x 220 x 1.8 mm
Weight of PC lens	130 g
Standard approved	EN 166, ANSI Z87.1, CSA Z94.3, AS/NZS 1337.1

6.PARTS LIST & ASSEMBLY





Part List

ITEM	DESCRIPTION	QTY
A	Clear Full-face Lens	1
B	Shell	1
C*	Headgear Assembly (Including Sweatband)	1

Part List of C*

ITEM	DESCRIPTION	QTY
1	Sweatband	1
2	Washer	1
3	Washer	1
4	Fixed Washer	2
5	Rubber Washer	2
6	Block Nut	2
7	Gear Washer	1
8	Angle Limitation Washer	1
9	Right Boot Screw	1
10	Left Boot Screw	1
11	Adjustable Headband	1
12	Front Headgear	1

© TECMEN ELECTRONICS CO., LTD. all rights reserved.

TECMEN ELECTRONICS CO., LTD.

+86 25 8555 1955 +86 25 8555 1958

No.21 North Liuzhou Road, Nanjing 210031, Jiangsu, CHINA

+86 25 8555 1933

tecmen@tecmen.cn

For more details, please refer to www.TECMEN.com