

PIP

VANGUARD G4

POWERED AIR PURIFYING HEADTOP

PART NO.: PRP-G4-HTC

* Designed to only be used in conjunction with PIP Vanguard PAPR system



Please read all instructions and understand all prior warnings before use. Retain these User Instructions for future reference.

PROTECTIVE INDUSTRIAL PRODUCTS ANZ
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POWERED AIR PURIFYING HEADTOP

SAFETY WARNINGS - READ BEFORE USING



WARNING

Read & Understand All Instructions Before Using



PIP Vanguard G4 headtop has a compact shape and a balanced center of gravity. Designed to be used in conjunction with the PIP Vanguard PAPR system providing 99.997% overall filtration efficiency. It is convenient, comfortable and easy to adjust, providing users with comprehensive protection for respiratory, eyes and face, head, and hearing (requires optional Earmuffs).

Do not raise the visor during usage, failure to follow the instructions contained below for this product may seriously affect the user's health.



WARNING



- Use of this product for other operations, such as laser welding/cutting, can result in permanent eye damage and loss of vision.
- This product is not suitable for protection against X-rays, Gamma rays, high energy particulate radiation, lasers and masers.
- Remove shipping protection film before first use.
- Inspect the face shield before use to make sure it is fully assembled with the PAPR blower system, battery and inter-connected hose, before use.
- Check before use to determine whether this product is suitable for your application.
- Replace the protective visor immediately if pitted, scratched or broken, to avoid reducing vision clarity, or impact protection.
- Before using the faceshield, ensure that you have read and well understood the instructions. The Warranty Terms don't cover problems such as those caused by: unauthorised modifications; using unauthorised spare parts; abuse; failure to follow the instructions; improper maintenance; repairs.
- It will not provide protection against IR.
- There are only original spare parts (See page 7) to be installed. For information about suitable spare parts please contact your local safety distributor or manufacturer.
- The duration of use depends on various factors such as use, cleaning storage and maintenance. Frequently inspections are highly recommended and replace any damaged parts as required.
- Product may be exposed to worksite materials that, if can affect 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. The optical class 3 oculars are not intended for long term use.
- The user shall contact the health and safety representative to ensure proper protection by the safety eyewear during working conditions, including RX styles.
- Substitute parts, films not included in instruction manual, or spraying or other modifications to face shield will seriously damage the product's protective function and void the warranty, or cause the product's use effect to be inconsistent with protection level and certification.
- Failure to strictly follow all instructions for use and/or to wear product incorrectly throughout exposure can impact wearer's health, resulting in serious or fatal illness, injury, or permanent disability.
- Dispose of waste product parts in accordance with local regulations.

Before and after using the VANGUARD G4 Headtop check the following items.

- If protective visor is soiled, change the visor.
- Make sure there is sufficient ambient light and breathable air in workspace.
- Replace worn or damaged parts immediately.
- Do not use parts other than those produced by PIP.
- Headgear must be adjusted to fit properly before use.
- Make sure the face seal is securely and properly attached.
- Make sure the breathing tube securely assembled.
- The face shield should be stored in dry, cool area when not using it for long time.



WARNING



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

COMMON PROBLEMS AND REMEDIES

Poor vision

1. Protective visor is soiled (change visor).
2. There is insufficient ambient light.
3. Check if removing the film on the visor.



WARNING



The user must stop using the face shield immediately if the above-mentioned problems cannot be corrected. Contact the dealer.

INSTRUCTIONS FOR USE

WARNING! Before using the face shield, ensure that you have read and understood the safety instructions.

ADJUST HEADGEAR

Step 1: Put the face shield on and adjust the face seal, make sure the face seal is fully sealed around the face (See fig.1a).

Step 2: Adjust the back headtop ratchet knob until the faceshield is affixed on the head properly (See fig.1b).

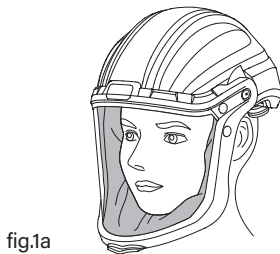


fig.1a

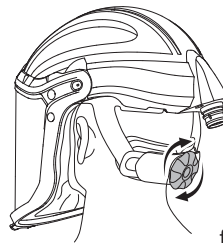


fig.1b

FACE SHIELD HEIGHT ADJUSTMENT

Ensure comfort and balance when wearing face shield by adjusting the front and rear attachment positions of the suspension headband to an appropriate position (See fig.2). The suspension headband can be adjusted at four locations: two in the rear and two in the front. Each location can be adjusted independently for a custom fit.

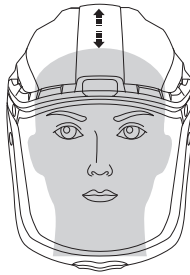


fig.2

Remove the headgear assembly (See fig.3a).

To change the position of the front headband, pull the attachment buckle from the slot and rotate the buckle 90° clockwise to detach it from the peg. Re-position the peg to another slot on the "ladder" of the buckle, then follow the reverse steps to reinstall the buckle into place (See fig.3b).

To change the position of the rear headband, pull the height adjustment slot off the peg and re-position it to another slot on the "ladder" (See fig.3b).

Put the face shield on to check if it fits comfortably. Repeat the aforementioned steps if necessary.

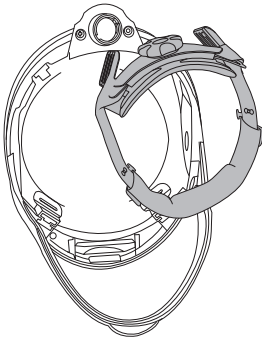


fig.3a

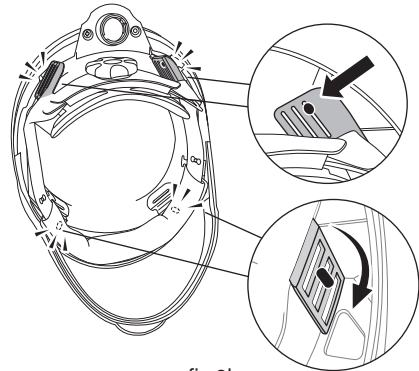


fig.3b

AIRFLOW DIRECTION ADJUSTMENT

Toggle forehead airflow direction adjustment plate to adjust direction of the airflow in the face shield to ensure comfortable wearing (2 gears adjustable) (See fig.4).

CONNECT HOSE TO HELMET

Pull the head of the hose to connect it to the protruding connector of the helmet, and then release the head of hose to complete the fixing (See fig.5).

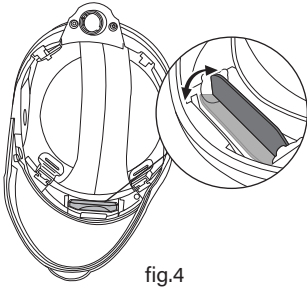


fig.4

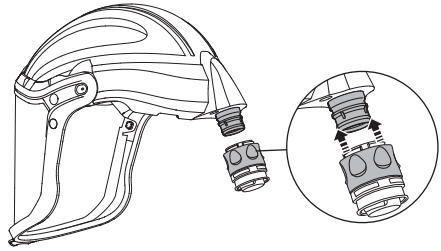


fig.5

MAINTENANCE

REPLACING PROTECTIVE VISOR

To remove visor: Pull up the latches and remove buckles from both sides (See fig.6a / 6b). Push the visor forward from the inside at the centre top edge, until you hear a "click" to get out the visor (See fig.7a / 7b).

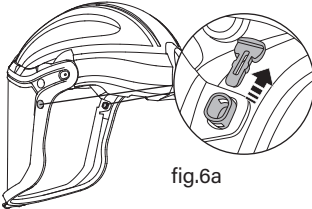


fig.6a

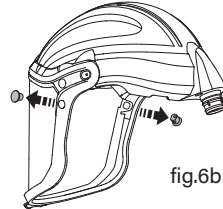


fig.6b

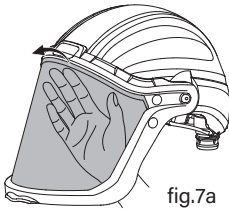


fig.7a

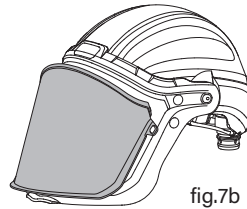


fig.7b

To install visor: Put the one side of the visor into the slot (See fig.8a) and then put the other side of the visor into the slot (See fig.8b / 8c). Press the center of the top edge of the visor inward from the outer side until you hear a "click" sound to fix the visor (See fig.8d). Place the buckles in the position shown and slide down the latches firmly until you hear a "click" sound (See fig.8e).

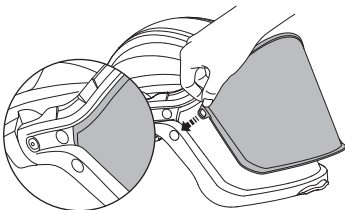


fig.8a

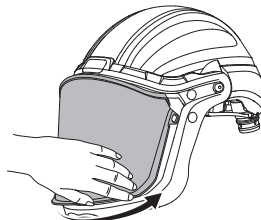


fig.8b

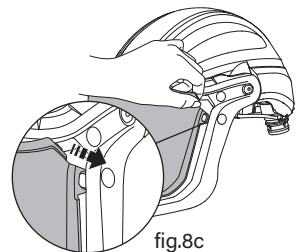


fig.8c

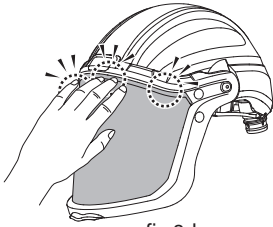


fig.8d

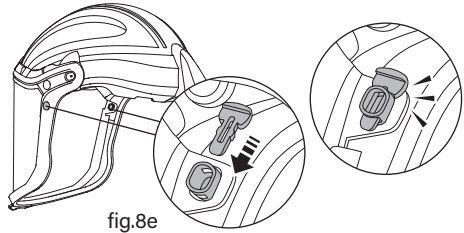


fig.8e

REPLACING FACE SEAL

Fix the edge groove of the face seal to the edge of the outside frame of the face shield (See fig.9a), and press to the arrow direction to complete the installation (See fig.9b), and hang the inner and outer elastic bands on both sides to the "T" hook to fix (See fig.9c).

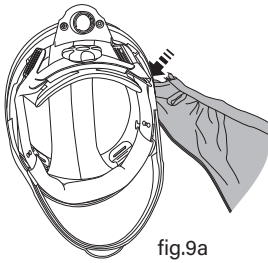


fig.9a

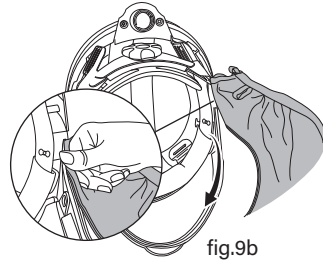


fig.9b

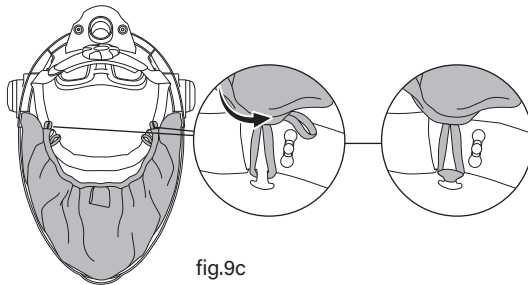


fig.9c

SWEATBAND AND BACK PAD REPLACEMENT

Remove headgear from face shield (See fig.10a / 10b).

Replace sweatband and back pad with new one, and then put complete headgear back into face shield (See fig.10c).

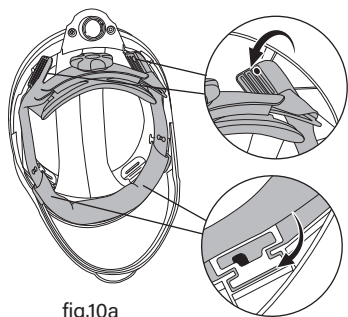


fig.10a

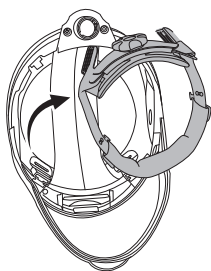


fig.10b

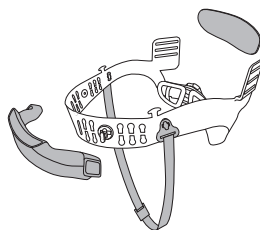


fig.10c

Remove the soft band from the headgear and replace with a new webbing (See fig.11).

Rotate buckles on both sides of headgear, remove old chin strap, and after installing new chin strap, rotate buckles to complete the fixing (See fig.12).

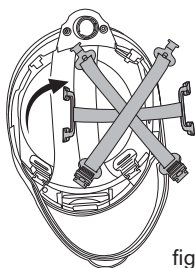


fig.11

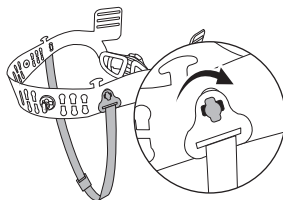


fig.12

REPLACING VISOR FRAME ASSEMBLY

Push out the button from inside of the visor (See fig.13a), disassemble two buttons from both sides (See fig.13b), remove the visor frame assembly and replace the new one (See fig.13c).

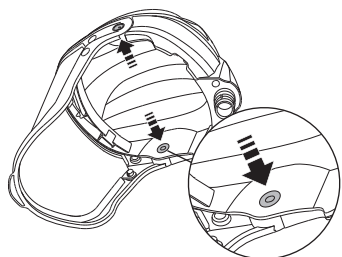


fig.13a

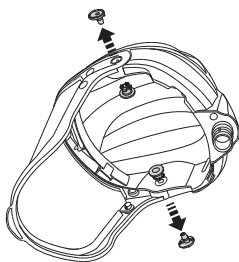


fig.13b

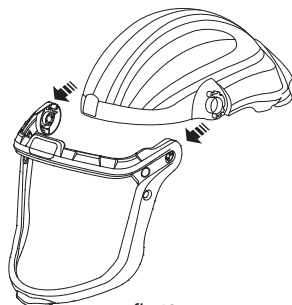


fig.13c

CLEANING AND DISINFECTION

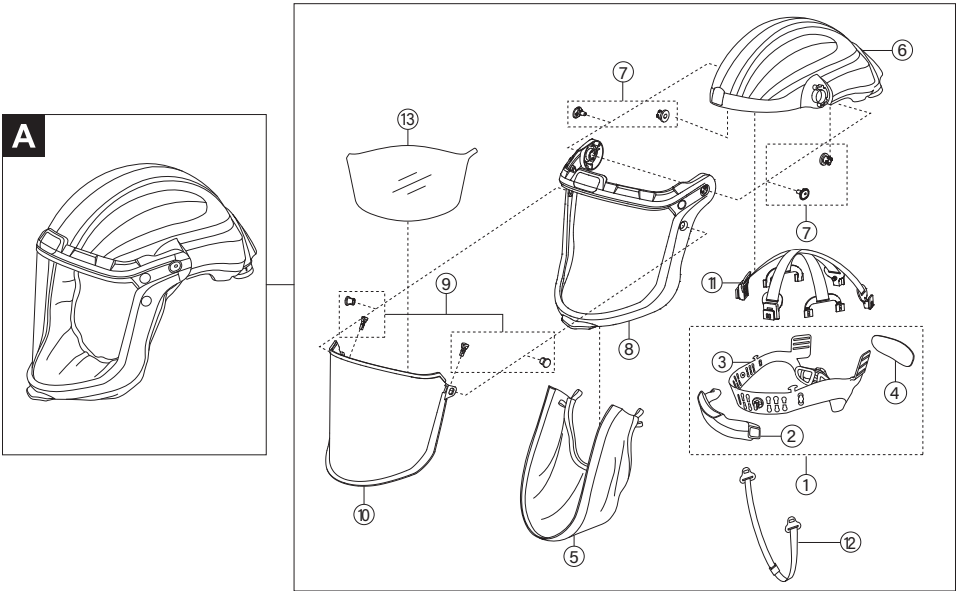
Clean the face shield by wiping with a soft cloth. Clean the visor surfaces regularly. Do not use strong cleaning solutions. Clean it with methylated spirit and a clean cloth and wipe dry with a lint-free cloth.

TECHNICAL SPECIFICATIONS

Model No.: PRP-G4-HTC
 Viewing Area: 426 cm² (66 sq. in)
 Operating Temp.: -10°C ~ 55°C (14°F ~ 131°F)
 Storing Temp.: -30°C ~ 50°C (-22°F ~ 122°F)
 Standards Certification: AS/NZS1270, AS/NZS1801, AS/NZS1716

International Approval: EN 166: 2001, EN 397:2012+A1:2012, UKCA, UKNI, EAC

PARTS LIST & ASSEMBLY



ITEM	PART NO.	DESCRIPTION
A-1	PRP-G4-HARN1	Headgear
A-2	PRP-G4-SW	Forehead sweatband
A-3	PRP-G4-HARN1	Head suspension
A-4	PRP-G4-SW	Comfort back pad
A-5	PRP-G4-HTFC	Standard face seal
A-6	PRP-G4-HTFC	Headtop
A-7	PRP-G4-HTHBUT	Headtop buttons
A-8	PRP-G4-HTVFA	Visor frame assembly
A-9	PRP-G4-HTFVBUT	Visor frame buttons
A-10	PRP-G4-LC	Protective visor
A-11	PRP-G4-HTRIB	Ribbon
A-12	PRP-G4-HTCHIN	Chin strap
A-13	PRP-G4-TOVF	Disposable protective film for the visor

WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

If you come across any problem during warranty period, contact your distributor, send the defective parts together with the completed defect problem if necessary.

Warranty Period:

Headtop – 1 year

Spare Parts – 90 days

Thank you very much for choosing a PIP product.

For future reference, please complete the owner's record below :

Serial Number :

Purchase Date :
