



[Manuals.plus](#) /

› [Pyramex](#) /

› Pyramex SL Series Cap Style Hard Hat Pink Instruction Manual HP14170

## Pyramex HP14170

# Pyramex SL Series Cap Style Hard Hat Instruction Manual

Model: HP14170

## 1. INTRODUCTION

This instruction manual provides important information regarding the proper use, care, and maintenance of your Pyramex SL Series Cap Style Hard Hat. This hard hat is designed to provide head protection against impacts, falling objects, and electrical hazards in various work environments. Please read this manual thoroughly before using the hard hat to ensure safety and compliance with applicable standards.

The Pyramex SL Series Cap Style Hard Hat features a low-profile design and is constructed from High Density Polyethylene (HDPE). It includes a rain trough to channel moisture away and universal accessory slots for compatibility with various cap-mounted accessories.

## 2. SAFETY INFORMATION

This hard hat meets the following safety standards:

- ANSI Z89.1 (American National Standards Institute)
- CSA A94.1 (Canadian Standards Association)
- Class E (Electrical Hazard Protection - up to 20,000 volts)
- Class G (General Hazard Protection - up to 2,200 volts)
- Class C (Conductive - no electrical hazard protection)

### Important Safety Warnings:

- Inspect the hard hat for damage before each use. Do not use if cracks, dents, or other signs of wear are present.
- Never modify or alter the hard hat shell or suspension system.
- Do not store the hard hat in direct sunlight or extreme temperatures, as this can degrade the material.
- Ensure the suspension is properly adjusted for a secure and comfortable fit.
- This hard hat is designed to protect against impacts to the top of the head. It does not protect against side impacts unless specifically rated for such.
- Replace the hard hat immediately after any significant impact, even if no visible damage is apparent.

## 3. COMPONENTS

The Pyramex SL Series Cap Style Hard Hat consists of the following main components:

- **Shell:** The outer protective layer, made from High Density Polyethylene (HDPE).
- **Suspension System:** The internal component that absorbs impact and holds the shell away from the head. Available in 4-point or 6-point configurations, with snap-lock or ratchet adjustment.
- **Brow Pad:** A soft, replaceable, and washable pad located at the front of the suspension for comfort.
- **Rain Trough:** A channel around the brim designed to divert rain and moisture away from the wearer.
- **Universal Accessory Slots:** Slots on the sides of the hard hat for attaching cap-mounted accessories such as earmuffs or chin straps.



Image 1: Front-side view of the Pyramex SL Series Cap Style Hard Hat, showing the shell and brim.



Image 2: Front view of the Pyramex SL Series Cap Style Hard Hat, highlighting the low-profile design.

## 4. SETUP AND ASSEMBLY

Your Pyramex SL Series Hard Hat comes with the suspension system pre-installed. Proper adjustment is crucial for safety and comfort.

### 4.1. Suspension Adjustment

The hard hat features either a snap-lock or ratchet closure type for suspension adjustment. Refer to your specific model for the exact mechanism.

- **Ratchet Suspension:** To adjust, rotate the knob at the back of the suspension clockwise to tighten or counter-clockwise to loosen. Adjust until the hard hat fits snugly but comfortably on your head, without being too tight or too loose.
- **Snap-Lock Suspension:** To adjust, detach the pins from the slots, select the appropriate size setting, and re-insert the pins. Ensure all pins are securely fastened.

Ensure the suspension straps are centered on your head and the brow pad rests comfortably on your forehead. The hard hat should not wobble or shift during normal movement.



Image 3: Side view of the hard hat, showing the ratchet adjustment mechanism at the back.



Image 4: Back view of the hard hat, illustrating the suspension system and its attachment points.

## 5. OPERATING INSTRUCTIONS

Once properly adjusted, the hard hat is ready for use. Always wear the hard hat with the brim facing forward unless specific job requirements dictate otherwise (e.g., for welding shields).

### 5.1. Attaching Accessories

The universal accessory slots allow for the attachment of various cap-mounted accessories. To attach an accessory, align its mounting tabs with the slots on the sides of the hard hat and push firmly until it clicks into place. Ensure accessories are securely attached before use.

## 6. MAINTENANCE AND CARE

Proper maintenance extends the life of your hard hat and ensures continued protection.

### 6.1. Cleaning

- Clean the hard hat shell with mild soap and warm water. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the material and compromise its protective properties.
- The soft brow pad is replaceable and washable. Remove it from the suspension, wash with mild soap and water, rinse thoroughly, and allow to air dry completely before reattaching.

## 6.2. Inspection and Replacement

- Regularly inspect the hard hat for signs of wear, damage, or degradation. Check for cracks, dents, gouges, discoloration, or chalking on the shell.
- Inspect the suspension system for frayed straps, broken stitching, cracks, or missing components.
- Replace the hard hat immediately if any damage is found or after any significant impact, even if damage is not visible.
- The typical service life of a hard hat shell is 5 years from the manufacturing date, and the suspension system should be replaced every 12 months, regardless of appearance. Always refer to local regulations and manufacturer guidelines for specific replacement schedules.

## 7. TROUBLESHOOTING

If you encounter issues with your hard hat, consider the following:

- **Hard Hat feels loose or wobbly:** Re-adjust the suspension system (ratchet or snap-lock) to achieve a snug fit. Ensure all suspension points are correctly attached to the shell.
- **Discomfort during wear:** Check if the brow pad is properly positioned and clean. Ensure the suspension is not too tight. Consider replacing the brow pad if it is worn or soiled.
- **Accessories do not fit:** Verify that the accessories are designed for universal accessory slots and are compatible with cap-style hard hats. Ensure they are aligned correctly before attempting to attach.
- **Visible damage to shell or suspension:** Immediately discontinue use and replace the hard hat. Do not attempt to repair damaged components.

## 8. SPECIFICATIONS

<b>Brand</b>	Pyramex
<b>Model Name</b>	HP1417O
<b>Style</b>	Cap Style
<b>Color</b>	Pink
<b>Material</b>	High Density Polyethylene (HDPE)
<b>Suspension Type</b>	4 Point Ratchet (or Snap-Lock, depending on variant)
<b>Item Weight</b>	0.39 Kilograms
<b>Closure Type</b>	Ratchet
<b>Standards Met</b>	ANSI Z89.1, CSA A94.1
<b>Electrical Classification</b>	Class E, G, and C
<b>Included Components</b>	One Hard Hat
<b>UPC</b>	810135972550

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the seller or the official Pyramex website. Warranty terms and conditions may vary.

For additional support or inquiries, please visit the [Pyramex Store on Amazon](#) or contact Pyramex customer service directly.

