

Siemens Technical Action Bulletin No.

STAB21-0124

**TITLE****Helios Signal Head Mounting Changes**

Product	ST900	T400	Cuckoos	Installation	ST950	OTU	INSTATION SOFTWARE	OTHER
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**Are Modifications Required?****No****Retrospective Action Required?****No****Priority of the Change**URGENT  
ASAPACTION  
AT NEXT  
SITE VISITACTION  
WITHIN 3  
MONTHSACTION  
AT  
NEXT PIACTION  
ONLY IF  
PROBLEM  
ARISESINFORMATION  
ONLY

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**Introduction**

Changes have now been made to the Helios signal head mounting components to aid the installation process.

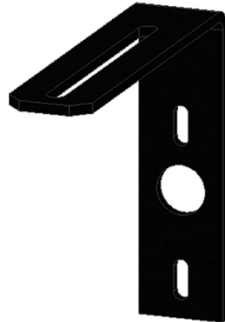
This bulletin will highlight these changes which will be entering circulation in August 2021.

### Scope

These changes only apply to 3 inline and 3+1 signal head assemblies. These assemblies will come with the new components as standard.

- A horizontal 'entry' slot has been added to 3-aspect signal head brackets to allow the signal head to be offered up **AFTER** nuts have been loosely installed

STANDARD 3-ASPECT  
SIGNAL HEAD BRACKET



SLOTTED 3-ASPECT  
SIGNAL HEAD BRACKET



- The plain washer > spring washer > M8 nut arrangement has been replaced with a single captive washer nut



- Signal heads are supplied with a deeper nut cap to cover the exposed threads and nuts.



<p><b>Procedure</b></p>	<p><b>Key notes:</b></p> <ul style="list-style-type: none"> <li>- The slotted bracket must not be used with ‘standard’, unslotted 3-aspect brackets.</li> <li>- The slotted bracket should only be used with the captive washer nuts (do not try and use it with loose plain washer &gt; spring washer &gt; nut arrangement)</li> <li>- Washers should <b>NOT</b> be placed under the captive washer nut as they are not required and will reduced the effectiveness of the integrated conical washer.</li> <li>- The slotted bracket can only be used for 3-inline and 3+1 installations, they should <b>NOT</b> be used for 4-inline assemblies. 4-inline kits will now come with a standard 3-aspect bracket to replace the upper [slotted] bracket in the assembly.</li> </ul> <p><b>Part numbers:</b></p> <p>Slotted 3-aspect bracket      667/2/30070/103          ‘Standard’ 3-aspect bracket    667/2/30070/003          Captive washer nut              999/4/44433/008</p> <p>Please see Helios Installation Guide <a href="#">667/HQ/30000/001</a> for detailed installation instructions for using these parts.</p>
<p><b>Related Documents</b></p>	<p><a href="#">667/HQ/30000/001</a> - Helios Installation Guide for 3-Aspect Signals (Iss1 or higher)</p>