

## Pre – Use checks of SpanSet Adjustable Restraint Lanyards

It is essential that all equipment has a pre-use check, part of this inspection involves checking the positioning and function of the connector in relation to the rest of the system. This check should immediately identify any problems. If operatives are unsure of how to check their PPE they should ask for assistance and seek relevant training.

When using Lanyards with captive connectors operatives should be aware of the potential for these to be unthread due to in correct use, or lack of training.

Where a captive eye connector has been used the potential for failure of the equipment is small, due to the inherent strength of the eye. However when using a captive pin connector the potential for failure is more real, because these captivating bar is not designed to be loaded.

It should be noted that this is a problem due to operative error and not a design problem. The use of connectors that are captivated is far safer than the use of connectors with no captivating mechanism. Non-captivated connectors, for example standard screw-gate karabiners, pose a greater risk of failure due to the lack of control over the orientation of the connector while in use.

The below images will help to indentify the problem and how to correct it.

### SpanSet Adjustable Restraint Lanyard (ARL027)



Captive Pin Connectors should have the web threaded around the flat bottom of the connector, the pin should only be there to captivate the web.



During pre-use inspection, if the web appears to be threaded around the pin, then the lanyard should not be used.

The problem can be corrected by passing the webbing through the gate of the connector and back into it's normal position.



### SpanSet Rope Adjustable Restraint Lanyard (RARL1129)

Rope lanyards with captive eye connectors. The is still a risk of unthreading the lanyard with this style of connector. The method of correcting the problem is the same, simply pass the rope back through the gate of the connector.

