

**Designers, Manufacturers and Suppliers of  
Quality Height Safety & Rescue Equipment, Training & Consultancy**

# **Users Manual**

English Version

**DSL Twin Tail Self Retracting Lanyard  
EN360:2002**

## General Information

The DSL Lanyard conforms to BS EN 360:2002. Certified by Approved Body: SATRA, Kettering UK. Identification No: 0321.

Production Control is audited by the BSI – Identification Number 0086.

It is essential that this product is sold to the end user with the instructions in the correct language of the country in which the product is to be used. This equipment is for use in a fall arrest system that has had a thorough risk-assessment including an analysis of the clearance height necessary below the user to ensure safety

## Warning

**Use of this equipment is inherently dangerous, and prior to use you must:**

- Read and understand all instructions and limitations for use.
- Undertake specific training for the correct use of the product.
- Become familiar with use of the product prior to activities at height.
- Understand and accept the risk involved in use of the product.
- Perform all necessary pre-use checks.
- Ensure that the designated work area has adequate supporting structural attachments.
- ONLY use equipment relevant to EC Directive 89/686/EEC in conjunction with this piece of equipment and check usage instructions to ensure compatibility.

### NOTE

**FAILURE TO ADHERE TO THE PRODUCT USER INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.**

**A - PPE CONNECTORS**

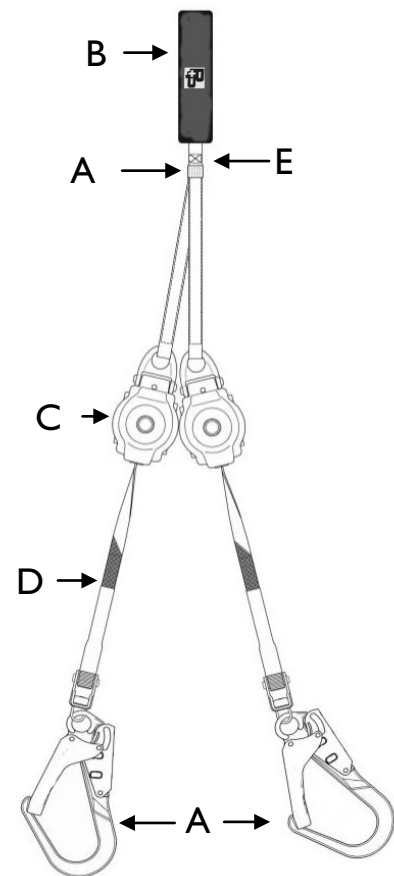
**B - SHOCK ABSORBING PACK**

**C - RETRACTABLE DEVICE**

**D - RETRACTABLE WEBBING**

**E - PRODUCT LABEL**

## IDENTIFICATION OF PARTS



## INSTRUCTIONS FOR USE

The DSL Lanyard has been designed for working at height. The Lanyard comprises dual retractable elements which allow users to minimise free fall distances by careful selection of anchorage points. The DSL is designed to connect to the rear fall arrest attachment via the screw link connector, and locates on the harness via the Velcro closings on the Shock Absorbing pack.

## PRE-USE CHECKING

1. Ensure there is adequate fall clearance below the user which eliminates the risk of fall arrest collision or inadequate ground clearance.
2. Ensure that the shock absorbing pack shows no signs of deployment.

3. Operate the retracting unit to ensure that extension and retraction are free and do not allow any slack to occur in the webbing.
  4. Pull the webbing line out sharply to engage the locking mechanisms.
  5. Ensure that the swivels at the user connectors are free to rotate.
  6. Operate the users connectors to ensure that the gate mechanism operates freely and locks automatically. All anchorages used must meet and or exceed the requirements of EN795.
  7. Inspect the entire product for signs of wear, deformation, damage or corrosion.
  8. Ensure that use of the DSL limits the potential for collision from a swing fall.
  9. Be aware of the environment for intended use. Hazards may include, but are not limited to: excess heat, caustic or corrosive substances, high voltages, sharp edges.
2. Always ensure that the swivels are free to rotate during work and that the lifelines do not become twisted or tangled as this may inhibit the retracting function of the device.
  3. Do not allow the lanyard to pass under the arms or between the legs during use.
  4. Always ensure that the lanyard part is free from any structural deviation during use.

## **PRODUCT MAINTENANCE & INSPECTION**

The equipment must be given a full inspection when delivered to site/works, and pre-use check before each and every use. Detailed recorded inspections at a frequency of 6 months should be carried out by a trained competent person, appointed by the employer.

Particular attention should be paid to the following:-

**Webbing** - Check for cuts, cracks, tears, abrasion\* and scorch marks, burns or chemical attack.

**Stitching** - Look for broken stitch, loose or worn threads.

**Metal ware** - Inspect for signs of damage/distortion/corrosion, and correct operation of buckles.

**Labelling** - Ensure label details are legible.

**Materials** - All webbing and threads used in this harness are produced from polyester.

\* Local abrasion as distinct from general wear may be caused by the passage of the webbing over sharp edges or protrusions while under tension and may cause serious loss of strength. Slight damage to outer fibres and occasional yarn may be considered harmless but serious reduction in width or thickness of the webbing or serious distortion to the weave pattern should lead to rejection.

The product should be immediately removed from service after being subjected to any fall, or if in any doubt about the product condition.

The fabric part may be cleaned if required. The following procedure must be adhered to:

Use hand hot water with a mild detergent or disinfectant, then rinse with clean water, and allow drying naturally, out of direct sunlight with the webbing part exposed. If you require more information please contact **P&P Safety Ltd.**

All equipment should be stored and transported in the following manner:-

- To prevent contact with sharp objects that may damage the fibres of the webbing.
- Away from harmful substances such as acids, alkalis, fuel, paints, solvents that harm polyester and nylon fibres.
- Kept in a cool dry place free from direct sunlight, to prevent degradation of the fibres from ultra violet radiation

Record serviceability and inspection details on the Product History Card which is supplied with all P&P DSL products.

**IF THERE ARE ANY DOUBTS ABOUT THE PERFORMANCE OF THE DEVICES DURING PRE-USE CHECKS THEN THE DEVICE MUST BE REMOVED FROM SERVICE UNTIL AUTHORISED BY THE SUPERVISOR OR MANUFACTURER.**

## **FITTING TO THE HARNESS**

1. Position the DSL such that the Velcro closings are in contact with the harness web, leaving the shock absorbing pack outermost.
2. Check that the screw link connector is secured to the harness prior to any work at height, and spanner tightened.
3. Fit the Velcro closings to the appropriate section of harness web to retain the shock absorbing pack.
4. Ensure that after fitting the retractable function of the lanyard has not been inhibited.

### **NOTE**

**THE LANYARD CONNECTORS MUST NEVER BE RETAINED ON THE PRIMARY HARNESS WEBBING STRAPS - ALWAYS USE A SACRIFICIAL PARKING POINT.**

## **USING THE DSL**

The DSL has been designed such that it is capable of being connected to two separate anchorage points without affecting the dynamic performance. By attaching one leg of the DSL to an anchorage, Users are able to move to a new location safely before connection to another anchorage point without the need to disconnect from the first anchorage.

The following precautions must be followed during use:

1. Never connect more than one user to the DSL at any one time.



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**P&P** can supply other items of equipment that are compatible with this product.

These include: EN361 fall-arrest harnesses, a variety of EN362 connectors, work positioning belts, and adjustable safety lines. **P&P** also produces/supplies a full range of fall arrest and access equipment.

**P&P** offers training either on site or at our own premises, in all aspects of height safety. Course certificates are issued on successful completion.

Although it is not compulsory, for the safety of all users **P&P** recommends you take advantage of this training service, please contact us for further details.

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