

BAILEY®

FALL PROTECTION

PRODUCT GUIDE

AUGUST 2024

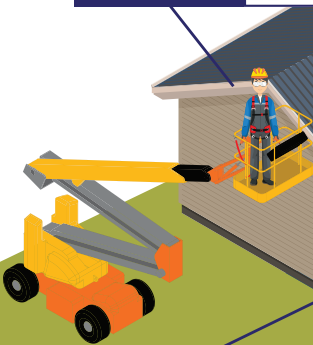


BRING SAFETY TO YOUR WORK ZONE
BAILEYFALLPROTECTION.COM

SELECTING THE CORRECT FALL PROTECTION SYSTEM.

ENTRY LEVEL
**ROOF
WORKERS
KIT**
FS14111

**ELEVATED
WORK
PLATFORM
KIT**
FS14112



**PREMIUM
HARNESS KIT
WITH POLE
STRAP**
FS14114



BAILEY®

FALL PROTECTION

**PROFESSIONAL
ROOF WORKERS
KIT**

FS14113



**EDGE TYPE
ROOF ANCHOR**

FS13776



**BAR TYPE
ROOF ANCHOR**

FS14125

**BRING SAFETY TO
YOUR WORK ZONE**



FALL PROTECTION KITS

Bailey Fall Protection Kits provide a complete working at heights compliance system in a convenient water tight bucket.

Kits are available to suit roof workers, elevated work platforms and pole and tree work. If you are a builder, plumber, electrician, painter or agribusiness worker there will be a Bailey Fall Protection kit to meet your needs.

ENTRY LEVEL

ROOF WORKERS KIT

KIT



Product Number	FS14111
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Provides all of the critical components of a fall arrest system for people undertaking work on an exposed roof. Designed for good value without compromising safety.

Main components:

- Universal Harness.
- 15m Rope Lifeline.
- 1.5m Anchorage Webbing Sling.
- Steel Karabiner.

ENTRY LEVEL

ELEVATED WORK PLATFORM KIT

KIT



Product Number	FS14112
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Designed for all Operators/Users of Elevated Work Platforms (EWPs) such as Boom Lifts and Forklift Safety Cages.

Main components:

- Universal Harness.
- 2.0m Energy Absorbing Lanyard.



BAILEY

FALL STOPPER
↑

FALL STOPPER
↑

FALL STOPPER
↑

PROFESSIONAL
**ROOF WORKERS
KIT**



Designed for extra comfort and safety. Suitable for all day use with padded shoulder straps and integrated fall indicator.

Main components:

- Universal Padded Harness with Fall Indicators.
- 1.4m-2.0m Expandable Energy Absorbing Lanyard.
- 15m Rope Lifeline.
- 1.5m Anchorage Webbing Sling.
- Steel Karabiner.

PROFESSIONAL
**PREMIUM HARNESS
KIT**



Designed for true universal use for the Contractor/Professional end user. Kit includes a Pole Strap for work positioning.

Main components:

- Premium Harness
- Pole Strap



FALL PROTECTION COMPONENTS

- Harnesses
- Lanyards
- Rope Lifelines
- Roof Anchor Bars & Accessories

Bailey Fall Protection Range is your trusted partner in workplace safety.

Our innovative solutions provide essential protection for those working at heights, ensuring their well-being and peace of mind.

UNIVERSAL PADDED HARNESS



Product
Number

FS13662

Designed for extra comfort and safety. Suitable for all day use with padded shoulder straps and integrated fall indicator.

Applications:

Plumbers, Roof Workers, Maintenance, Solar Panel Installation, Agribusiness, Electricians, Labourers and DIYers.

UNIVERSAL HARNESS



Product
Number

FS13666

Designed for good value without compromising safety.

Applications:

Plumbers, Roof Workers, Maintenance, Solar Panel Installation, Agribusiness, Electricians, Labourers and DIYers.

ENERGY ABSORBING LANYARD



Product
Number

FS14119

The Bailey Expandable Energy Lanyard is a premium lanyard designed for all day use. The lanyard is expandable from 1.4m to 2.0m and an energy absorber for reduced force during a fall event.

Applications:

Plumbers, Roof Workers, Maintenance, Solar Panel Installation, Agribusiness, Electricians, Labourers and DIYers.

TEMPORARY EDGE AND BAR TYPE ANCHORS

BAR TYPE ANCHOR



EDGE TYPE ANCHOR



Designed for use on a variety of metal roof applications. Invasive and Non-Invasive solutions for use with a Fall Arrest System.

Applications:

Bailey's range of temporary anchors offers a safe secure anchorage point to your fall protection system requirements.

HARDWARE KARABINERS

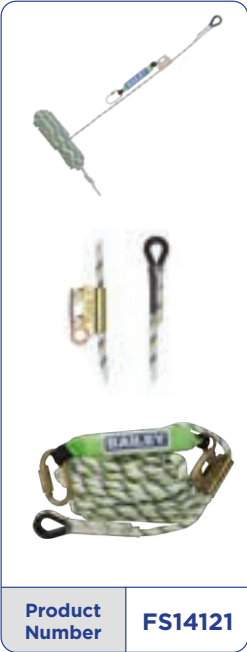


Steel Karabiner Oval Type (2PK)

Applications:

The Bailey karabiner is a metal looped shackle with a spring loaded gate that is used to easily attach & detach components and safety systems.

15M ROPE LIFELINE



Product
Number

FS14121



The Bailey 15m Rope Lifeline is a high quality Kernmantle rope. The rope has an integrated anchoring eyelet and includes the following features:

- 12mm Diameter Kernmantle Rope
- Lightweight and hardwearing
- Rope Grab - Type 1 Fall Arrestor
- Sewn Thimble Eyelet and Sealed End Stop

Applications:

Designed for the application of a Rope Grab to form a fall arrest device.

If use of fall protection equipment is necessary then the work environment is dangerous and potentially deadly. Werner Co products are designed to eliminate as much of the hazard as possible but can do that **ONLY** if they are used correctly. Use this equipment as it was designed to be used, after appropriate training, under the direct supervision of a competent person, according to the instructions provided, and in accordance with local safety regulations. User **MUST** read and understand all cautions and instructions. Failure to heed these guidelines could result in injury or even death.

Please, WORK SAFE! WORK SMART!

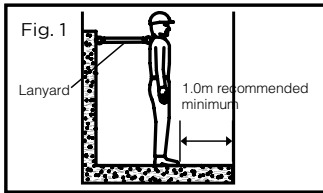
TERMINOLOGY

COMPETENT PERSON

A competent person is defined in Standard AS/NZS 1891.4 as “a person who has, through a combination of training, education and experience, acquired knowledge and skills enabling that person to correctly perform a specified task.

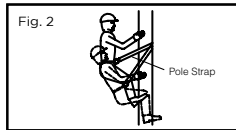
TOTAL / FALL RESTRAINT - FALL NOT POSSIBLE

This should be the aim and first option for any fall protection setup. A total/fall restraint system is designed to prevent the user from reaching an area where there is a risk of a fall, so a free fall or limited fall is not possible. It is recommended that a fall restraint system is set up to prevent a user from being within at least 1 metre from an edge where a fall could occur. **See Fig. 1.**



RESTRAINED FALL / WORK POSITIONING

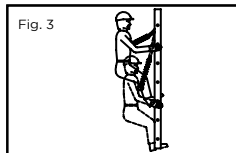
A restrained fall occurs when a person suffers a fall but they are partially restrained by a device such as a pole strap. **See Fig. 2.**

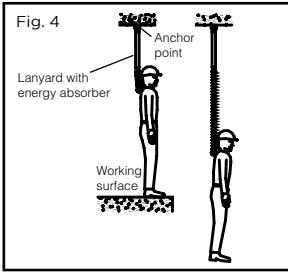


LIMITED FREE FALL

Free fall distance less than 600mm. A limited free fall occurs when a person falls less than 600mm either vertically or on a slope where it is not possible to walk without a handrail.

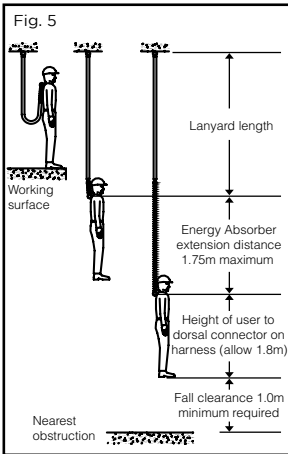
See Fig. 3.





FREE / FALL ARREST

Free fall greater than 600mm. A fall arrest system is designed to stop the free fall of a user and limit the maximum arresting forces imposed on the user to 6 kN or less. Free falls greater than 2.0m are not acceptable under normal circumstances. Refer to AS/NZS 1891.4 paragraph 8.3(c). **See Fig. 4.**



SUSPENSION

A suspension system is designed to enable access to a workplace by suspending a person attached to a rope line and a secondary safety system.

FALL CLEARANCE

The fall clearance is the clear distance between the user and the nearest obstruction after they have had an arrested free fall. The fall clearance should be a minimum of 1.0m. **See Fig. 5.**

To calculate fall clearance the distance between the anchor point and the obstruction below needs to be measured. Then subtract from this distance the height of the user, the lanyard length and the energy absorber extension distance (1.75m maximum). **The remainder of the distance is the fall clearance which must be at least 1.0m.**

For example: If a 1.8m tall person falls from a working surface and the distance from the anchor point to the obstruction below is 6.55m, and the lanyard length is 2m and the energy absorber deploys over a distance of 1.75m then the fall clearance would be the minimum of 1.0m. $(6.55m - [1.8m + 2m + 1.75m]) = 1.0m$.

NOTE: Height of user = From ground level to dorsal D-ring attachment point (allow 1.8m). Allow 1.75m maximum extension of energy absorber.

RESCUE - EMERGENCY PROCEDURE

A rescue system is designed to provide effective and timely assistance or rescue to raise or lower a user to safety in the event of an emergency. Due to the risk of suspension trauma a person should be removed from the suspended position as soon as possible.

WORKING SLACK

You should use the shortest lanyard practical to carry out your work. The slack should not be excessive, so if a fall occurs the free fall distance will be kept to a maximum of 2.0m. Wherever possible keep the anchor point attachment end of the lanyard above the harness attachment point.

ADDITIONAL STANDARDS FOR REFERENCE

Australian Standards set out recommendations for selection and safe use of safety equipment, plus outline minimum acceptable performance of different types of safety equipment. They do not necessarily indicate best work practices. Additional reading of relevant safety standards as listed below is recommended:

AS/NZS 1891 SERIES (Industrial fall-arrest systems and devices)

AS 1353 SERIES (Flat synthetic-webbing slings)

AS 1666 SERIES (Wire-rope slings)

AS/NZS 2865 SERIES (Safe working in a confined space)

AS 4142 SERIES (Fibre ropes)

AS/NZS 4488 SERIES (Industrial rope access systems)

AS 4497 SERIES (Round Slings-synthetic fibre)

HARNESSES ADJUSTMENT & USE

HARNESSES FITTING INSTRUCTIONS



Step 1

Pick up the harness by the large metal D-ring on the back of the harness. This D-ring sits between the 2 shoulder straps. Unravel and layout the straps to identify the chest and leg straps.



Step 2

Pass arms through shoulder straps like putting on a vest. Adjust shoulder straps so the chest strap/retainer is just under the level of your armpits.



Step 3

Connect leg strap buckles together on both legs, and adjust tension. If waist strap is included, connect buckles together and adjust tension. Fold away excess webbing.



Step 4

Clip chest strap buckles together and adjust tension so the chest strap is firm, but not too tight which will inhibit breathing. Fold away excess webbing.



Step 5

Ensure the harness is adjusted correctly, but not too tight. To check the correct tension on your harness, you should be able to slide your flat hands between the straps and your body. Check your harness for straps that are twisted, they should be flat against your body.

This harness is a life saving device, correct fitting and adjustment will ensure it performs effectively during a fall. Ensure you are confident with fitting and use of this product. If you have any doubt, you must seek clarification.



CAUTION!

If use of fall protection equipment is necessary then the work environment is dangerous and potentially deadly. Werner Co. products are designed to eliminate as much of the hazard as possible but can do that **ONLY** if they are used correctly. Use this equipment as it was designed to be used, after appropriate training, under the direct supervision of a competent person, according to the instructions provided, and in accordance with local safety regulations. User **MUST** read and understand all cautions and instructions. Failure to heed these guidelines could result in injury or even death.

Please, WORK SAFE! WORK SMART!

**FOR FURTHER INFORMATION,
PLEASE CONTACT OUR CONSUMER
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BAILEYFALLPROTECTION.COM**

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