



Leaders in safety innovation

Capital Safety, home of the DBI-SALA and PROTECTA brands is the world's leading manufacturer dedicated solely to fall protection. We are also the pioneer in the development of intelligent safety technology, leading the way toward a new era of safety management solutions. We are committed to providing new and improved systems to give you the complete confidence you need in your safety program.

- QUALITY for the performance you can trust.
- BREADTH for the best and most cost effective solutions.
- EXPERTISE to meet your unique fall protection requirements.
- TRAINING to ensure and motivate safety compliance.
- INNOVATION to improve your safety and productivity.



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Fall Protection For the Wind Energy Industry



FROM THE WORLDWIDE

EXPERTS IN FALL PROTECTION & RESCUE



capital
SAFETY



WIND ENERGY

This industry specific catalog is dedicated to keeping wind energy workers safe while on the job!

Fall protection is a complicated issue and one of the most important faced by an employer or worksite supervisor. With over 100,000 reported incidents per year, falls from heights almost always result in serious injury. In the wind energy industry, lack of proper fall protection can have serious consequences, even death.

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PLEASE NOTE : IN THE PRODUCT SECTIONS,



DBI-SALA PRODUCT NAMES ARE REPRESENTED IN BLUE TEXT



PROTECTA PRODUCT NAMES ARE REPRESENTED IN RED TEXT

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DBI-SALA & PROTECTA

Leaders in Wind Energy Industry Fall Protection

Meeting wind energy challenges

We understand that the Wind Energy industry is a diversified work environment. Not only is it constantly changing as the work progresses and technology evolves, but the industry itself is always innovating with new procedures and materials that present new challenges for your fall protection plan.

Wind energy employees work in multiple scenarios where safety is always foremost on the job. These environments are specialized and multi-disciplined, demanding a full range of fall protection solutions to meet the needs of a variety of workplaces. That is why employers turn to Capital Safety, the makers of the two leading industry brands DBI-SALA & PROTECTA for industry expertise, superior quality products and continual systems innovation.

While both brands operate with a similar commitment to safety and quality, each brand has its own brand promise. DBI-SALA, which represents the ultimate in fall protection for any work environment, is supported by a commitment to Excellence, Innovation and Broad Range. PROTECTA represents fundamental fall protection at an exceptional value and is supported by a commitment to Reliability, Quality and Economy. The combination of the two brands provides our customers access to two great lines that serve the fullest range of product and value requirements.

A reputation for innovation

Many companies are generalists in safety, but Capital Safety is the only global company that has always been dedicated entirely to fall protection and rescue.

Our ISO 9001-2000 certification drives superior engineering, quality manufacturing and unparalleled customer services. Our design and engineering teams excel at finding the best way to keep workers totally safe and comfortable.

We have the industry's:

- Highest number of engineers
- Largest patent portfolio with over 180 patents
- Greatest number of industry firsts

Combining experience and knowledge with state-of-the-art outdoor and indoor testing procedures, we produce the most technologically advanced safety equipment in the world. This equipment exceeds both national and international standards, including OSHA, ANSI, CSA, CE and AS/NZS. We call it "creating a higher standard of safety."

Your partner in safety

Our service doesn't end with the sale. We understand the wind energy industry and your precise fall protection needs. The highly trained professionals at Capital Safety educate, train and provide extensive long term support to ensure that all aspects of your fall protection program are successful. Whether you choose DBI-SALA or PROTECTA you can be assured that all the demands the wind energy industry places on you are met head on with safety leading the way.

DBI-SALA & PROTECTA—your one-stop for the most comprehensive collection of innovative fall protection products for the Wind Energy industry!

The A, B, C's of Personal Fall Protection

DBI-SALA & PROTECTA offers a complete array of passive and active fall arrest systems. The basics of every personal fall arrest system can be described as the ABC's of fall arrest.

A

ANCHORAGE

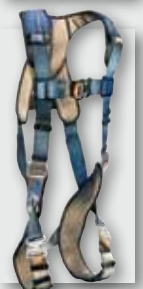
Anchorage means a secure point of attachment (structure) for the fall arrest system. The type of anchorage varies with the industry, the job being performed, the type of installation and the structure available. The anchorage connector provides a means of attaching the system to the anchorage (structure).



B

BODY SUPPORT

Full body harnesses provide a connection point on the worker for the personal fall arrest system. Depending on the application, they can be used as part of a system to protect the worker from falling and to limit the extent of potential injury in case of a fall.



C

CONNECTORS

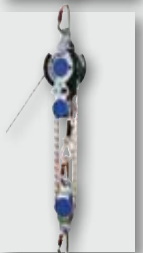
Connectors are devices used to connect the worker's full body harness to the anchorage system. Connectors include lanyards, snap hooks, carabiners, deceleration devices and specialty systems such as self retracting lifelines, ladder climbing systems, vertical lifelines and rope grabs.



D

DESCENT/RESCUE

Rescue and retrieval of a fallen worker is a required component of any Fall Protection Program.



Wind Energy Industry Applications

WIND TURBINE CONSTRUCTION

Fall protection challenges

- When constructing wind turbines there are several danger areas where the worker is left open to fall risk.
- Tower Erection involves the use of the ladder system installed in the individual sections of the tower, some of which have a vertical fall arrest system in place which can be utilized, some which do not.
- Nacelle work involves the installation of electrical control units, all of which will require cabling to be installed through the length of the tower. Whether working from the ladder or from a service lift, a minimum of a full body harness and lanyard will be required.
- Workers will be required to work all day in fall arrest equipment. Harnesses used will need to be comfortable, lightweight, and have multiple anchor points. In addition, the equipment should incorporate tool carrying accessories and be very durable and built-to-last.
- For added comfort and safety in these difficult to access areas, accessories such as the Hydration System and Trauma Relief Straps should be used.
- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.



A Anchorage

Temporary

Tie-Off Adaptor

Pass thru design provides a safe and easy way to anchor a fall protection device to an overhead location. 1-3/4" (44mm) polyester strap, 3" (76mm) wear guard, zinc plated steel hardware.
See Pg 18 for your region's compliant products



B Body Support

Standard

Delta™II Climbing Harness

Vest style Delta No-Tangle™ design with back "stand-up" D-ring. Front D-ring ideal for ladder climbing and tongue buckle leg straps for fast and easy donning.

See Pg 9 for your region's compliant products



C Connectors

Fixed Length

ShockWave2™ Shock Absorbing Lanyard

Twin-leg 100% tie-off style helps you remain connected at all times. Expands to 6 ft. (1.8m) and contracts to 4-1/2 ft. (1.4m) in reaction to your movements reducing dragging and snagging.

See Pg 11 for your region's compliant products



Wind Energy Industry Applications

WIND TURBINE MAINTENANCE

Fall protection challenges

- Maintenance of wind turbines is often very dangerous because it's conducted at extreme height or in very confined areas.
- Tower Maintenance involves the use of the ladder system installed in the individual sections of the tower, or the installed service lift to access electrical conduits and structural sections. In either case, a full body harness will be required, and either a ladder safety system or a lanyard to anchor into the lift.
- Maintenance and repair of the control mechanisms for the blades will involve accessing the hub of the blades from the outside of the Nacelle. Specialized fall protection systems and anchorages will be required such as the Self Contained Vacuum Anchor.
- Blade cleaning involves specialist access equipment and rope access techniques, and can be extremely hazardous and dangerous without the correct equipment.
- Workers will be required to work all day in fall arrest equipment. Harnesses used will need to be comfortable, lightweight, and have multiple anchor points. In addition, the equipment should incorporate tool carrying accessories and be very durable and built-to-last.
- For added comfort and safety in these difficult to access areas, accessories such as the Hydration System and Trauma Relief Straps should be used.
- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.



A Anchorage

Permanent

Lad-Saf® Ladder Safety System

The shock absorbing top bracket and tension indicating bottom bracket serve as the anchor for the steel cable which runs the length of the climbing area. The sleeve prevents falls by locking onto the cable and automatically follows the user as they climb or descend.

See Pg 14 for your region's compliant products



B Body Support

High Performance

ExoFit™ XP Tower Climbing Harness

Removable shoulder, back, leg padding and 3-D mesh lining with soft edging for ultimate comfort. Stand-up back D-ring with impact indicator and tongue buckle body belt with hip pad and side D-rings for versatility. A seat sling with positioning D-rings provides added support.

See Pg 9 for your region's compliant products



C Connectors

More Mobility

Ultra-Lok® Self Retracting Lifeline

Flexible lifeline pays out as the user moves away and automatically retracts as the user moves towards the device. In the event of a fall, a speed sensing brake engages stopping the workers fall and reducing fall arrest forces to a safe level.

See Pg 13 for your region's compliant products



Wind Energy Industry Applications

WIND TURBINE RESCUE / EVACUATION

Fall protection challenges

- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.
- The essence of evacuation or rescue is speed. Rapid descent, available for multiple users in the event of fire or complete mechanical failure is an absolute must for personnel constructing or maintaining the wind turbine.
- Self rescue and casualty evacuation could be needed at any point along the tower, including the Nacelle at the top.
- All rescue and evacuation equipment should be quick and easy to use. Non-installed, or temporary equipment will need to be lightweight and quick to use in relatively confined areas.



A Anchorage

Temporary

Cable Choker

Pass thru design provides a safe and easy way to anchor a fall protection or escape device to an overhead location. 7x19 3/8" (9.5mm) stainless steel cable with pass thru O-rings, 6 ft. (1.8m) in length.

See Pg 18 for your region's compliant products



B Body Support

High Performance

ExoFit™ Tower Climbing Harness

Built-in shoulder, back, leg padding and mesh lining with soft edging for ultimate comfort. Back and front D-rings and tongue buckle body belt with hip pad and side D-rings for versatility. A seat sling with positioning D-rings provides added support.

See Pg 9 for your region's compliant products



C Connectors

Rescue

Rollgliss® R350 Rescue System

Rope rescue system provides efficient hauling, but more importantly very controlled lowering. The system allows you to change the hauling ratios on the fly with quick release hardware, making the system very versatile.

See Pg 17 for your region's compliant products



Introducing the...



The system allows you to easily record and access information on inspections, inventory and purchase information. Track equipment assignments by worker or location. View or download safety and equipment instructions, and more!

Inspection Tracking

- Up-to-date inspection logs for product reliability and safety
- Verification system to promote compliance
- Electronic record for traceability and audit

Inventory Control

- Tracks inventory on the site or around the globe
- Paperless and accurate asset management
- Easy retrieval of information for inventory control
- Theft and diversion prevention

Information Management

- Real time website support for consultative safety solutions
- Instant access to key information to streamline logistics and safety management
- Accountability by logging product and inspection status by job

The i-Safe™ system is enabled by RFID (radio frequency identification), a wireless data collection technology. i-Safe™ consists of passive RFID tags (transponders), scanned by PDA readers (receivers) that synchronize data with a web-enabled information portal.



i-Safe™ RFID Tags

i-Safe™ tags are now standard equipment on DBI-SALA products. Each tag is programmed with a unique ID that registers its model type and history.

PDA Readers

Tags are read by an on-site PDA that scans and accounts for equipment by a unique number. One click entry logs inspections, equipment assignments by worker or location, and more.

Web Portal

Data is linked from the PDA or laptop to your customized web portal. Your safety program web-site provides access to related safety & equipment information, training records, product advisories and useful links.

Retrofitting Kits

Easy do-it-yourself retrofitting kits are available for all types of harnesses, lanyards and SRL's, allowing you to extend the benefits of your i-Safe™ system to your entire inventory regardless of brand.

TRAINING & CONSULTING

Anytime, Anywhere... Our Site or Yours!

Capital Safety recognizes that our commitment to the life-and-death field of fall protection means that every product we produce must meet or exceed the toughest standards. But we also know that even the best equipment must be used correctly. This is why we have established our training division with the same care and attention that is critical in our manufacturing process.

Effective training means hands-on experience

The key to effective fall protection training is practical, hands-on experience. We offer a full range of fall protection and industrial rescue courses on-site or at one of our four state-of-the-art training centers located throughout the world.

Courses on-site apply professional training to your specific daily work activities. Courses at our institutes provide controlled environments uniquely designed to offer practical experience with scaffolding, fixed ladders, towers, sloped roofs, rebar and climbing walls, elevated catwalks, I-beams and confined spaces.

- *Training from top industry professionals and technicians*
- *Sample and experience the broadest fall protection equipment line in the industry*
- *Easy-to-understand training manuals*
- *Bilingual or all-Spanish instruction available*
- *Backed by decades of company experience*
- *State-of-the-art training facilities*



For more details on our training programs, customized site specific training, Wind Energy and specialty courses, please contact us!

DBI-SALA & PROTECTA FULL BODY HARNESSES

Engineered for Quality

Our reputation for quality provides peace of mind in selecting a full body harness. Quality in a harness means maximum comfort, freedom of movement and ease of use. Industry innovations such as the spring-loaded stand-up back D-ring and the No-Tangle Delta™ Pad demonstrate our commitment engineering and ingenuity.

A full body harness is designed with straps to fasten around the user in order to distribute fall arrest forces over at least the upper thighs, pelvis, chest and shoulders. This moves the impact of a fall from the internal organs to the major bone and muscle groups around the pelvis. The full body harness includes a means for attaching to the other components of a fall arrest system. Harnesses must meet strict OSHA, ANSI, CSA, CE, and AS/NZS standards .

FULL BODY HARNESSES OPTIONS

Harnesses are available in many models with various options and features depending on their intended use.



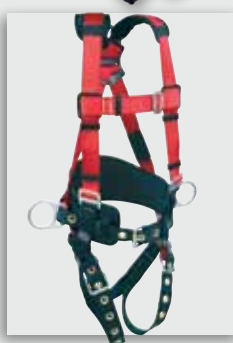
EXOFIT™ XP FULL BODY HARNESSES

The ExoFit™ XP design is based on the concept of a single piece of material constructed in the shape of an "X" that wraps around you for the ultimate in no-tangle donning and comfortable security. From the moment you put it on, the ExoFit™ XP exceeds anything you've ever worn in a fall protection harness. The materials are soft and lightweight, yet extremely durable. The shoulder, hip and leg padding is removable so it can be washed. The breathable 3-D mesh lining guarantees you'll stay dry and comfortable every day. And the quick-connect buckles are fast, efficient and totally secure! A spring loaded "stand-up" back D-ring with impact indicator provides quick and safe connections.



EXOFIT™ FULL BODY HARNESSES

These harnesses incorporate all of the great features of the "XP" above except the ExoFit padding is sewn-in and they do not include the stand-up back D-ring



DELTA™ II FULL BODY HARNESSES

Our exclusive Patented Delta No-Tangle™ design holds the shape of the harness, adding to your comfort, and making it easier to put on. The integrated spring loaded stand-up back D-ring is an "industry first" and provides the user with quick connection - enhancing ease-of-use and worker productivity. Optional Delta™ Comfort Pad accessory can be added for wrap-around comfort for longer hours of wear with less fatigue. Multiple styles, models, configurations and sizes are available in the Delta™ II line.

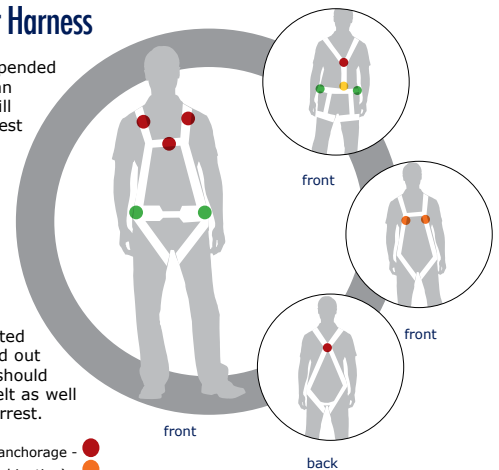
PRO™ FULL BODY HARNESSES

Global certification and a variety of styles and sizes are some of the features that make the PRO Harness an easy choice. PRO Line Harnesses provide comfort and added safety - which translates to reduced worker fatigue and increased productivity. The updated colors, improved fit, better webbing, and lightweight hardware provides safety and value without compromise.



Choosing Your Harness

Harnesses for multiple uses, harnesses for suspended work, harnesses with positioning belts - you can choose your equipment to suit the work you will be doing. The dorsal anchorage D ring is the best point of attachment to use for fall prevention. The anchorage points on the front of the body are used as fall arrest measures during access (ascent using a glider on a rope, or with a system fixed to a cable or a rail) or during work on such features as inclined roofs. Less often, the anchorage points on the front of the body may be used for rescue, or when work is carried out in confined spaces. Work on ropes is undertaken using the D ring or the specially designed suspension rings located in the abdominal area. If the work to be carried out requires the use of a positioning lanyard, you should choose a harness that includes a positioning belt as well as the anchorage points that are vital for fall arrest.



- D ring for fall arrest anchorage - ●
- Rings or fall arrest D anchorages- (to be used in combination) - ●
- Suspension 'D's or rings - ●
- Positioning D ring - (to be used in combination) - ●

OSHA/ANSI/CSA Compliant - North America



SALA

EXOFIT XP™ TOWER CLIMBING HARNESS

Quick-connect buckles, back stand-up D-ring, front D-ring, padded body belt with side D-rings, seat sling with positioning D-rings. Removable and washable shoulder, back, and leg padding. Size Large.

1110302 (1110302C in Canada)



SALA

EXOFIT™ TOWER CLIMBING HARNESS

Quick-connect buckles, back and front D-rings, padded body belt with side D-rings, seat sling with positioning D-rings. Built-in shoulder, back, and leg padding. Size Large.

1108652 (1108652C in Canada)



SALA

EXOFIT XP CROSS-OVER HARNESS

Quick-connect buckles with back and front D-rings. Removable and washable shoulder, back, and leg padding. Size Large.

1109802 (1109802C in Canada)



SALA

EXOFIT™ - CLIMBING HARNESS

Quick-connect buckles with back and front D-rings. Built-in shoulder, back, and leg padding. Size Large.

1108527 (1108527C in Canada)



SALA

DELTA™ II TOWER CLIMBING HARNESS

Delta No-Tangle™ pad design, tongue buckle legs, back stand-up D-ring, front D-ring, padded body belt with side D-rings, seat sling with positioning D-rings. Size Large.

1107775 (1107775C in Canada)



SALA

DELTA™ II CLIMBING HARNESS

Delta No-Tangle™ pad design, tongue buckle legs, back stand-up D-ring, front D-ring. Size Large.

1107800 (1107800C in Canada)



PROTECTOR

PRO™ CLIMBING HARNESS

Vest style with back and front D-rings. Size Med/Large.

AB11313 (same in Canada)

CE Compliant - Europe, Middle East, Africa



SALA

EXOFIT XP CLIMBING HARNESS

Quick-connect buckles, back stand-up D-ring, front D-ring, padded body belt with side D-rings. Removable and washable shoulder, back, and leg padding. Size Medium

KB11100586



SALA

EXOFIT CLIMBING HARNESS

Quick-connect buckles, back and front D-rings, padded body belt with side D-rings. Built-in shoulder, back, and leg padding. Size Medium.

KB1EXO/MB



SALA

DELTA™ II CLIMBING HARNESS

Delta No-Tangle™ pad design, pass thru buckle legs, back stand-up D-ring, front D-ring, padded body belt with side D-rings. Size Universal.

KB11101294



PROTECTOR

PRO™ CLIMBING HARNESS

Vest style with back, front and chest D-rings. Padded body belt with side D-rings. Size Universal.

AB115135

AS/NZS Compliant - Australia, New Zealand



SALA

EXOFIT XP CONFINED SPACE HARNESS

Rear stand-up and side D-rings, frontal fall arrest D-ring, padded waist belt, confined space loops, quick-connect buckles and removable, washable padding. Size Medium.

420M-0018



SALA

EXOFIT TOWER WORKER HARNESS

Rear stand-up and side D-rings, padded seat and waist belt, frontal fall arrest belay loops, quick-connect buckles and removable, washable padding. Size Medium.

450M-0016

NOTE: Other Sizes, Models and Styles Available.

DBI-SALA & PROTECTA SHOCK ABSORBING LANYARDS

Innovation for Ease-of-use and Durability

Capital Safety is known as an innovator who can design and build the products you need for all your fall protection challenges. The patented DBI-SALA snap hook with easy one-hand operation is the most popular in the industry. It's just one of the lanyard features that have enhanced worker productivity and safety. Available with over 20 different connectors to fit the application, our lanyards promote safety and enhance productivity.

Lanyards are flexible lines with a connector at each end used to connect the anchorage to the body support of a fall protection system. Lanyards should be connected to the back D-ring for fall arrest, located between the shoulder blades and ideally should be anchored above the worker to minimize fall distance. The worker should not walk too far from the overhead anchorage or a swing fall may occur.

SHOCK ABSORBING LANYARDS

Lanyards used for fall protection must include a shock absorber to dissipate the energy of the fall, limiting the forces on the body of the falling worker.

SHOCK ABSORBING STRETCH LANYARDS

For added flexibility and safety, the DBI-SALA ShockWave™ and EZ-Stop® Retrax™ lanyards are available with an expansion and contraction feature that allows them to be extended when length is needed and then contracted with the movement of the worker to avoid trips, falls and snags.

POSITIONING LANYARDS

Rope or web lanyards without shock absorbers may be used for applications that require positioning or restraint of a worker or if the fall possibility is less than 2' (0.6m).

DOUBLE LEG LANYARDS OR 100% TIE-OFF LANYARDS

(Two lanyards that are connected at one end.) This style of lanyard is used to provide 100% tie-off. It allows you to stay protected while you move from one location to another.



SPECIALTY SHOCK ABSORBING LANYARDS:

Tie-back Lanyards

When a qualified anchorage connector is not available, a tie-back lanyard acts as both a connecting means and an anchorage connector. There are two styles—one incorporates a movable D-ring on the lanyard for attaching the snap hook, and the other is designed for the hook to go around the webbing itself. This requires a specialty hook with a gate strength capacity of 5,000 lbs. (22kN).

Lanyards for Tying Off at the Feet

The DBI-SALA Force2™ shock absorbing lanyard allows for a 12' (3.7m) free fall and keeps the forces below the 1,800 lb. (8kN) OSHA limit (4m free fall, 6kN for CE).

Kevlar® Lanyards

Kevlar® is a special material that is safe for high temperature environments. Also available is a Nomex®/Kevlar® shock pack cover option for extra durability.



Resist Technology Lanyards

Resist technology allows the user to easily wipe away grease and dirt while providing additional resistance against abrasion and tears.



Arc Flash Lanyards

Arc flash lanyards are made from specialized materials and arc tested to 40 cal/cm2 to meet the ASTM F887-05 standard.

OSHA/ANSI/CSA Compliant - North America



SHOCKWAVE2™ LANYARD

6 ft. (1.8m) double-leg stretch shock absorbing lanyard with aluminum rebar hook ends with 2-1/4" (57mm) opening.
1244409 (1221008C- pack style - in Canada)



SHOCKWAVE2™ LANYARD

6 ft. (1.8m) double-leg stretch shock absorbing lanyard with standard snap hook ends with 3/4" (19mm) opening.
1244406 (1221006C in Canada)



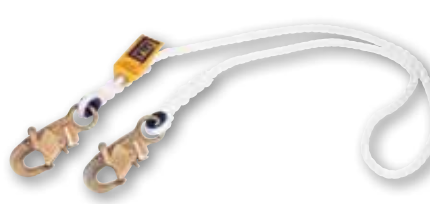
EZ-STOP™ II LANYARD

6 ft. (1.8m) double-leg pack style shock absorbing lanyard with aluminum rebar hook ends with 2-1/4" (57mm) opening.
1240416 (1220416C in Canada)



PRO™ LANYARD

6 ft. (1.8m) single-leg shock absorbing lanyard with standard snap hook ends with 3/4" (19mm) opening.
AE542AW2 (AE549CW1-6 in Canada)



ROPE POSITIONING LANYARD

6 ft. (1.8m) single-leg positioning lanyard with 1/2" (12.7mm) nylon rope and standard snap hook ends with 3/4" (19mm) opening. **1232354 (1202361C - 5/8" rope in Canada)**

CE Compliant - Europe, Middle East, Africa



EXPANDER™ LANYARD

2m double-leg stretch shock absorbing lanyard with aluminum scaffold hook ends with 57mm opening.
KE5200YX/2



TRIGGER™ POSITIONING LANYARD

2m maximum length positioning lanyard uses cam adjustment for length and locking into place.
KF7T2000 (other lengths available)



PRO™ LANYARD

1.8m double-leg shock absorbing lanyard with 10.5mm kernmantle rope and steel scaffold hook ends with 50mm opening.
AE532/3

AS/NZS Compliant - Australia, New Zealand



HEAVY DUTY LANYARD

Twin-tail lanyard for heavy duty applications where the combined body weight of the user is up to 160kg. 2m length. 60mm opening scaffold hooks.
Z60201819H



ADJUSTABLE LANYARD

Adjusts from 750 mm to 2m. 38mm webbing with 19mm opening double-locking snap hooks
Z51200909



TIE-BACK LANYARD

2m X 38mm tie-back lanyard with 20mm opening double-locking snap hooks
Z63200909



POLE STRAP

2m X 45mm nylon pole strap with aluminum 19mm opening double-locking snap hooks
E613-B-020-56-56

NOTE: Other Sizes, Models and Styles Available.

DBI-SALA & PROTECTA

SELF RETRACTING LIFELINES

Industry Leaders

Capital Safety has been the industry leader in the development of reliable, versatile self retracting lifelines (SRLs). Capital Safety SRL innovations include the patented Sealed SRL and the impact indicator, an important safety innovation which has now been widely adopted across the industry.

An SRL is a flexible lifeline attached to a mechanism that allows it to extend and retract under slight tension when the user moves away from and toward the device. This enables a user to work safely while moving within a recommended area at normal speeds. SRLs can be used in a variety of situations, but are primarily used to provide movement and protection of users in a vertical work area. SRLs can also be used with a horizontal lifeline to improve the overall mobility of the system, both vertically and horizontally.



HOUSING

The SRL casing protects the inner parts of the SRL and holds the excess line when not in use. Durable, impact-resistant housings offer longer wear and greater protection of the brakes and retraction springs. DBI-SALA developed the industry's only fully Sealed SRL that isolates the critical working components, protecting them from the dirt, oil or grease that the retracted cable can bring inside.

i-Safe™

Every DBI-SALA SRL now comes with i-Safe™, the Intelligent Safety System that incorporates RFID and web-enabled communications technologies, providing you with the ability to centrally track inspections, control field inventory and manage critical safety information.

LINE

SRL lines can be made from cable, webbing or synthetic rope. Cable is considered for rugged, outdoor applications or where the line may be in touch with sharp objects. Web is a more lightweight, compact choice, often preferred indoors for less industrial applications and for warehousing. Stainless steel offers the ultimate in corrosion resistance, reliability and longevity.

IMPACT INDICATOR

SRL's should be inspected before each use and monthly by the customers' designated competent person. Inspections are made easier with an impact indicator that immediately shows an orange or red band if the SRL has been loaded or has arrested a fall. All SRL's should be removed from service following the arrest of a fall and if the impact indicator is visible. In most cases the unit will have to be returned to an authorized service center for servicing or replacement.

SNAP HOOK

The snap hook affects ease and speed of connection. A swivel snap hook provides versatility to allow the SRL to be easily connected to a wide variety of anchorages, making it adaptable to different work structures. The patented DBI-SALA self-locking snap hook opens and connects without thumbs or fingers getting in the way.

RESERVE LIFELINE

Some SRL's have an emergency reserve lifeline feature which means that if a worker has nearly all the line extended and experiences a fall, the unit will still be capable of absorbing energy and keeping the arresting forces to a minimum.

3-WAY RETRIEVAL OPTION

Some SRL's incorporate a built-in winch retrieval mechanism. These units not only provide fall protection as a worker enters a confined space such as a sewer or tank, but also allow activation of a retrieval mechanism for fast, convenient rescue. Raising and/or lowering is fast and convenient.

QUICK ACTIVATING BRAKING SYSTEM

Many industry SRL's use a seat-belt type extension and retraction mechanism which can malfunction and lock-up when you don't want them to. DBI-SALA SRL's feature an anti-ratcheting, twin disc brake mechanism that provides smooth operation and locks only when you are ready. Once the mechanism engages, it stays locked, ensuring that the worker is not ratcheted down to the ground. The system limits arresting forces to 900 lbs. (4kN) or less. Because fall arrest begins within 2' (.6m), the required clearance distance is reduced when using DBI-SALA SRL's.

OSHA/ANSI/CSA Compliant - North America



TALON™ TWIN LEG WEB SELF RETRACTING LIFELINE

6 ft (1.8m) twin-leg web self retracting lifeline, quick-connect handle, Delta™ Comfort Pad and two Velcro lanyard keepers, aluminum rebar hook ends with 2-1/4" (57mm) opening.
3102000, 3102003 (with steel hooks, same part numbers in Canada)



TALON™ WEB SELF RETRACTING LIFELINE

8 ft (2.4m) web self retracting lifeline, quick-connect handle, swiveling snap hook end with 3/4" (19mm) opening.
3101001 or 3101000 with non-swiveling snap hook (3101001C, 3101000C in Canada)



REBEL™ WEB SELF RETRACTING LIFELINE

11 ft (3.3m) web self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening.
AD111A (AD110BC 10 ft. (3m) in Canada)



ULTRA-LOK® WEB SELF RETRACTING LIFELINE

20 ft (6m) web self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening.
3103208 or 3103108 with 11ft (3.3m) length (3103208C, 3103108C in Canada)



ULTRA-LOK® CABLE SELF RETRACTING LIFELINE

30 ft (9m) cable self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening. Also available in 20' (6m), 50' (15m) and 85' (25m) lengths.
3504430 (3504430C in Canada)

CE Compliant - Europe, Middle East, Africa



TALON™ TWIN LEG WEB SELF RETRACTING LIFELINE

2m twin-leg web self retracting lifeline, quick-connect handle, Delta™ Comfort Pad and two Velcro lanyard keepers, aluminum rebar hook ends with 2-1/4" (57mm) opening.
KD1TALTWIN



ULTRA-LOK® WEB SELF RETRACTING LIFELINE

6m web self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening.
KD1PWB610



ULTRA-LOK® CABLE SELF RETRACTING LIFELINE

15m cable self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening. Also available in 6m, 9m and 26m lengths.
KD23504450

AS/NZS Compliant - Australia, New Zealand



TALON™ TWIN LEG WEB SELF RETRACTING LIFELINE

1.8m twin-leg web self retracting lifeline, quick-connect handle, Delta™ Comfort Pad and two Velcro lanyard keepers, aluminum scaffold hook ends with 2-1/4" (57mm) opening.
3102010



TALON™ WEB SELF RETRACTING LIFELINE

2.4m web self retracting lifeline, quick-connect handle, swiveling snap hook end with 3/4" (19mm) opening.
3101001



ULTRA-LOK® CABLE SELF RETRACTING LIFELINE

9m cable self retracting lifeline, swiveling snap hook end with 3/4" (19mm) opening. Also available in 6m, 15m and 25m lengths.
3504433

NOTE: Other Lengths, Models and Styles Available.

DBI-SALA & PROTECTA VERTICAL SYSTEMS

Global Solutions

With DBI-SALA's Lad-Saf® flexible cable ladder safety systems you are always assured of complete safety and security when using fixed ladders on poles, towers or tanks.

Every Lad-Saf® system is engineered to your specific requirements while meeting or exceeding OSHA, ANSI, CSA, CE and AS/NZS standards. The shock absorbing top bracket and tension indicating bottom bracket serve as the anchors for the steel cable which runs the length of the climbing area. Non-metallic cable guides reduce cable wear, permitting you to ascend or descend unhindered. The economical, easy to use systems are available for straight or curved ladders and for connection to wood, concrete or steel structures.



OSHA/ANSI/CSA Compliant - North America, • CE Compliant - Europe, Middle East, Africa • AS/NZS Compliant - Australia, New Zealand

LAD-SAF® FLEXIBLE CABLE LADDER SAFETY SYSTEM



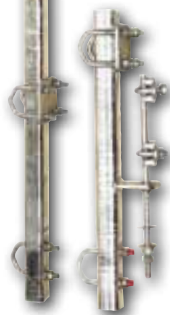
The Lad-Saf® shock absorbing design uses an elastomeric impact attenuator to reduce the forces imposed on the ladder structure.

The swiveling Lad-Saf® sleeve prevents falls by locking onto the cable. It is easily attached or removed anywhere along the cable and automatically follows as you climb or descend.

Easily install the Lad-Saf® system with standard wrenches. The unique built-in tension indicator tells you precisely when the system is at the proper tension.

System is galvanized for a maintenance free life. For harsh environments, use the complete stainless steel system.

Non-metallic cable guides reduce cable wear, permitting you to ascend or descend unhindered. They also protect both the Lad-Saf® system and the climbing structure.



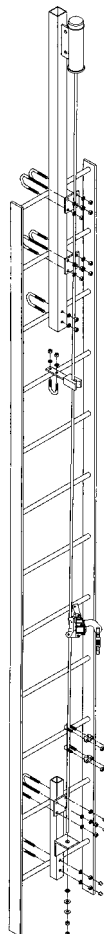
Lad-Saf® Top and Bottom Attachment Brackets



Lad-Saf® Safety Sleeve



Lad-Saf® Cable Guide



Please Note : Lad-Saf® systems are specific to your site requirements. For more information regarding a system for your site, please contact the Capital Safety office in your region of the world.

Typical Lad-Saf® Install Diagram

OSHA/ANSI/CSA Compliant - North America



LAD-SAF® MOBILE ROPE GRAB

Automatically follows user hands-free for maximum freedom of movement. Utilizes both inertia and cam locking systems for added safety. For added flexibility, it can be attached or removed anywhere along the lifeline. For use on 5/8" (16mm) rope with a 3 ft. (.9m) max length shock absorbing lanyard.

5000335 (5000335C in Canada)



STATIC ROPE ADJUSTER WITH LANYARD

Rope adjuster with permanently attached EZ-STOP® III 3 ft (.9m) shock absorbing lanyard. Device stays locked in place once positioned. For use on 5/8" (16mm) rope. **1224005 (not available in Canada)**



LAD-SAF® STATIC WIRE ROPE GRAB

Device stays locked in place once positioned on cable lifeline. For use on 3/8" (9.5mm) 7x9 galvanized or stainless steel cable. Use with a 4 ft. (1.2m) max length shock absorbing lanyard. **5000338 (Same in Canada)**



ROPE LIFELINE

30 ft (9m) 5/8" (16mm) blended polyester/polypropylene rope, snap hook at one end, taped at other end. Available in other lengths.

1232754 (1202754C in Canada)



CE Compliant - Europe, Middle East, Africa



LAD-SAF® MOBILE ROPE GRAB

Automatically follows user hands-free for maximum freedom of movement. Utilizes both inertia and cam locking systems for added safety. For added flexibility, it can be attached or removed anywhere along the lifeline. For use on 16mm rope with a 3 ft. (.9m) max length shock absorbing lanyard.

5000337



KERNMANTLE ROPE GRAB

For use on 11mm kernmantle rope; with attached karabiner & lanyard.

KC2LRG1REM



CABLOC™ LADDER SAFETY SYSTEM

System is permanently installed to provide secure access to the work station. Secures the user against falls during ascent/descent, sliding freely on a cable fixed along length of ladder. **AC350 Cabloc Device**



COBRA™ STATIC/MOBILE ROPE GRAB

Attach or detach anywhere along the lifeline for vertical hands free operation. Fits 12 or 14mm diameter rope. Comes with screw gate karabiner with 17mm opening.

AC202/01

Available Lifeline for COBRA™ AC205 - 14mm 3-strand twisted rope Anchorage Line with Karabiner (5 - 50m lengths)

DBI-SALA & PROTECTA

RESCUE, ESCAPE & DESCENT SYSTEMS

Reliability When You Need It the Most

When it comes to rescue, it is essential that equipment operates perfectly...and fast. Capital Safety has developed a complete line of rescue, escape and descent systems that are more effective than any other in the industry. Safety engineers and site directors trust Capital Safety for the type of high quality, rugged systems that will ensure top performance when it is needed.

Rescue and retrieval are critical components of any fall protection program. The fast and effective performance of these tasks often means the difference between a non-injury fall and one resulting in serious worker harm. Often the longer a fallen employee remains suspended or trapped, the worse his injuries.

Rescue and descent equipment choices depend on the job site, the tasks being performed and the available manpower. Rescue and descent equipment includes tripods, davit arms, winches, comprehensive rescue systems and descent devices.

Rescue Basics

- If a fallen worker can be accessed using a lift, bucket or ladder, one of these should be used. In some cases industrial sites may rely on local fire departments to assist in rescue, but in-house rescue response times are usually much shorter.
- Rescuers should always be backed up with a secondary redundant system such as a belay system or SRL that is totally independent of the primary means of rescue.
- All rescue team members should receive training and practice on a regular basis.

Confined Space Rescue

Confined spaces, such as stacks, vaults, and pits, are one of the most challenging of rescue situations. Cramped space and narrow openings can make access by rescuers difficult. At the same time, these situations often present problems such as inadequate ventilation or noxious air that make immediate rescue imperative. Generally a person without oxygen for four minutes will die or suffer brain damage.

The critical nature of these rescues sometimes leads to poorly planned attempts. Two-thirds of deaths in confined space rescue occur to people trying to rescue someone else. Proper equipment to perform quick, safe rescue is essential in any operation where confined spaces must be entered. DBI-SALA confined space and rescue equipment is engineered for perfect performance in critical emergency situations.



OSHA/ANSI/CSA Compliant - North America



ROLLGLISS® RESCUE SYSTEM

Rescue system is quick to install, multifunctional, easy to use and reliable. It allows people to effortlessly ascend (or descend) in complete safety. Can be configured with different hauling ratios with interchangeable rigged pulleys in 2:1, 3:1 or 5:1, depending on need.

8902004 - 50 ft (15m) system with 3:1 ratio
8902206 - 100 ft (30m) system with 3:1 ratio (part numbers the same in Canada)



ROLLGLISS® RESCUE KIT

Available in 33' (16.5m), 66' (33m), and 99' (50m) travel lengths with 7/16" (11mm) nylon lifeline. The system is simple, easily transportable and sets up quickly. Rescue can be performed safely from above, with no need to descend. Pole attaches system to victim, all raising & lowering is done from above.

8900292 - 33 ft. (16.5m) System,
8900293 - 66 ft. (33m) System,
8900294 - 99 ft (50m) System (part number same in Canada)



RPD - RESCUE POSITIONING DEVICE

Provides a safe and simple rescue system and incorporates features for general raising/lowering and positioning during normal work activities. Includes a speed sensing lock for added safety & allows manual lock off of the device. The device may be operated by the user or a second standby worker.

3602050 - 50 ft. (15m) system with 4:1 ratio, 250' (75m) rope (part number same in Canada)



RESCUMATIC® AUTOMATIC DESCENT CONTROL DEVICE

Designed to lower workers in an emergency at a controlled rate of 3 ft (1m) per second by automatically adjusting to the user's body weight of up to 300 lbs. Includes web loop slings on both ends of the line so that multiple workers can escape, one after another. Uses 5/16" (7.8mm) wire/nylon rope. **3300100 - 100' (30m) travel**
3300200 - 200' (60m) travel (part number the same in Canada)

CE Compliant - Europe, Middle East, Africa



ROLLGLISS® R350

Rescue system is quick to install, multifunctional, easy to use and reliable. It allows people to effortlessly ascend (or descend) in complete safety. Can be configured with different hauling ratios with interchangeable rigged pulleys in 2:1, 3:1 or 5:1, depending on need.

AG6350ST31 - system with 3:1 reduction



BIMATIC®

Enables the successive evacuation of multiple persons without loss of time. Evacuates from heights of 5 to 100m. Galvanised 5 mm cable with woven sheathing Speed of descent is self-controlled at 1.2 m/s. Maximum load 136 kg.

AG152



ROLLGLISS® RESCUE KIT

Available in 16.5m, 33m, and 50m travel lengths with 11mm nylon lifeline. The system is simple, easily transportable and sets up quickly. Rescue can be performed safely from above, with no need to descend. Pole attaches system to victim, all raising & lowering is done from above.

AG62501010



RESCUMATIC® AUTOMATIC DESCENT CONTROL DEVICE

Designed to lower workers in an emergency at a controlled rate of 1m per second by automatically adjusting to the user's body weight of up to 135 kg. Includes web loop slings on both ends of the line so that multiple workers can escape, one after another. Uses 7.8mm wire/nylon rope.

KG1P100

AS/NZS Compliant - Australia, New Zealand



ROLLGLISS® R250 RESCUE KIT

Available in 16.5m, 33m, and 50m travel lengths with 11mm nylon lifeline. The system is simple, easily transportable and sets up quickly. Rescue can be performed safely from above, with no need to descend. Pole attaches system to victim, all raising & lowering is done from above.

AG62501120



RESCUMATIC® AUTOMATIC DESCENT CONTROL DEVICE

Designed to lower workers in an emergency at a controlled rate of 1m per second by automatically adjusting to the user's body weight of up to 135 kg. Includes web loop slings on both ends of the line so that multiple workers can escape, one after another. Uses 7.8mm wire/nylon rope.

3300000

ROLLGLISS® R350 RESCUE KIT

Rescue system is quick to install, multifunctional, easy to use and reliable. It allows people to effortlessly ascend (or descend) in complete safety. Can be configured with different hauling ratios with interchangeable rigged pulleys in 2:1, 3:1 or 5:1, depending on need. Includes pick pole.

R350ST3-060-KIT-P - 120m System with 3:1 reduction

NOTE: Other Sizes, Models and Styles Available.



DBI-SALA & PROTECTA ANCHORAGES AND ANCHORAGE CONNECTORS

Security to Match the Task

Anchorage connectors are dependent on the specific requirements of the purchaser, including the type of attachment, the environment and the connecting system. Capital Safety offers the most complete line of anchorage connectors available, rigorously tested to ensure the strength you need. This means you can always find the best product to fit your requirements.

Anchorages

An anchorage is a secure point of attachment for the fall arrest system. The anchorage must be capable of supporting a load of 5,000 lb. (22kN) per worker attached to the anchorage or shall be designed, installed and used as part of a complete personal fall



arrest system which maintains a safety factor of at least 2.

Anchorages may be certified (designed or engineered on site for fall protection) or non-certified (beams, trusses or other suitably strong structures). Certified anchorages should be identified with paint or special markings

and kept on a site location list.

Anchorage Connectors

Anchorage connectors provide a means of attaching the system to the anchorage. These vary widely depending on application. Some of the common types are anchor slings, beam clamps, rail sliders, trolleys and eyebolts.

OSHA/ANSI/CSA Compliant - North America

SELF CONTAINED VACUUM ANCHOR (SCVA) SHOP AIR POWERED



Shop Air-Powered System is compact and lightweight. Its one-piece design makes it quick and easy to set up and use. Can power one additional Secondary Pad. Carrying case included.
2200107 (Same in Canada)

SCVA COMPRESSED GAS BOTTLE POWERED



Compressed Gas Bottle Powered System is completely self-contained. It is powered up with a single, on-board 48-cubic inch compressed gas bottle or a large capacity detached bottle, or shop air. Can power one additional Secondary Pad. Carrying case included.
2200108 (Same in Canada)
2200078 - Cylinder



TIE-OFF ADAPTOR

Pass thru design, 1-3/4" (44mm) polyester strap, 3" (76mm) wear guard, zinc plated steel hardware.
1003000 - 3' (.9m) length



D-RING & ANCHORAGE PLATE

Bolted or weld on, two 1/2" (12mm) attachment holes, 1/4" x 2" x 4-1/4" (6mm x 50mm x 108mm).
2101630 - Stainless plate, zinc plated D-ring



SAFLOK® CARABINERS

Self-closing/self-locking gate for increased safety and security, steel construction, user friendly even with gloves. Compatible with most connecting rings.
2000112 - 11/16" (17mm) gate opening
2000113 - 1-3/16" (30mm) gate opening
2000114 - 2-3/16" (55mm) gate opening



CABLE CHOKER

Pass thru design, 7 x 19-3/8" (9.5mm) stainless steel cable, duel O-ring pass thru, zinc plated steel hardware.
5900550 - 4' (1.2m) length



FIRST-MAN-UP™ SYSTEM

Provides a complete system to mount a tie-off adaptor to an overhead anchorage.
2104519 - 6'-12' (1.8m-3.6m) Adjustable pole



HANDGRIP

Attaches around piping up to 2" (5cm) in diameter.
AJ301A



EYEBOLT ANCHOR

D-ring anchor with threaded bolt, nut and lock washer.
AN112A (AN112C in Canada)

CE Compliant - Europe, Middle East, Africa

SELF CONTAINED VACUUM ANCHOR (SCVA) SHOP AIR POWERED



Shop Air-Powered System is compact and lightweight. Its one-piece design makes it quick and easy to set up and use. Can power one additional Secondary Pad. Carrying case included.

2200125

SCVA COMPRESSED GAS BOTTLE POWERED



Compressed Gas Bottle Powered System is completely self-contained. It is powered up with a single, on-board 48-cubic inch compressed gas bottle or a large capacity detached bottle, or shop air. Can power one additional Secondary Pad. Carrying case included.

2200126

2200085 - Cylinder



ANCHORAGE PLATE

Stainless steel - 3.5 mm thickness, fixed with stainless steel bolts, ø 12 mm

AM210



ANCHORAGE RING

Stainless steel, fixed with stainless steel bolts, ø 12 mm

AM211



TIE-OFF ADAPTOR

45mm 100% polyester web, 8mm diameter bar, stainless 316 with polished finish. 6mm reinforced rubber anti slip interior surface.

KM418 - 83cm length



TIE-OFF CHOKER

45mm 100% polyester web, 8mm diameter bar, stainless 316 with polished finish. 6mm reinforced rubber anti slip interior surface.

**KM419 - 83cm length
KM421 - 150cm length**



KARABINERS

Self-closing/self-locking gate for increased safety and security, steel construction, user friendly even with gloves. Compatible with most connecting rings

AJ501 - 18mm gate opening, galvanized steel
AJ514 - 17mm screw gate opening, galvanized steel
AJ593 - 50mm gate opening, carbon steel, zinc plate



WEB SLING

25mm Wide nylon webstrap

**AM450/80 - .8M
AM450/150 - 1.5M**

CABLE SLING

6mm Diameter coated wire rope, galvanized finish, thimble ends

**AM401G - 1M
AM402G - 2M**

AS/NZS Compliant - Australia, New Zealand

SELF CONTAINED VACUUM ANCHOR (SCVA) SHOP AIR POWERED



Shop Air-Powered System is compact and lightweight. Its one-piece design makes it quick and easy to set up and use. Can power one additional Secondary Pad. Carrying case included.

2200107

SCVA - COMPRESSED GAS BOTTLE POWERED



Compressed Gas Bottle Powered System is completely self-contained. It is powered up with a single, on-board 48-cubic inch compressed gas bottle or a large capacity detached bottle, or shop air. Can power one additional Secondary Pad. Carrying case included.

2200108

2200078 - Cylinder



ROUND STRAP

45mm Web. Available in 0.6m, 1m, 1.5m, 2m.

**E87-006 - .6m length
E87-010 - 1m length
E87-015 - 1.5m length
E87-020 - 2m length**



TIE-OFF ADAPTOR

Incorporates a wear pad to extend product life. 75mm Web.

**E849-010 - 1m length
E849-015 - 1.5m length
E849-020 - 2m length**



KARABINERS

DBI-SALA offers a selection of karabiners that are used as connecting elements for different segments of a personal fall arrest system. Our karabiners are suitable for diverse environments ensuring there are no weak links in the world's premier safety systems.

R108 - 50mm gate opening
R523 - 20mm gate opening

Globally Compliant Accessories



HARNESS HYDRATION SYSTEM

Uniquely designed pack holds 50 oz. (1.5L) of liquid at the right temperature and conveniently connects to any DBI-SALA harness for easy hydration.

1150174 - 50oz (1.5L) capacity



SUSPENSION TRAUMA SAFETY STRAP

Allows suspended worker to stand up in their harness to relieve pressure. Continuous loop design allows for either one or two foot suspension relief without pinching. Can be quickly attached to most harness brands right in the field — just choke off to strap and it's ready to go.

9501403 (9501403C in Canada)



DELTA COMFORT BACK PAD

Provides extra comfort throughout the neck, shoulders and back. One-piece design eliminates shoulder pad slippage. The extra padding helps distribute weight.

**9501207 (North America, AU/NZ),
KK09501207 (Europe, Middle East, Africa)**



11 POCKET TOOL BAG

Holds tools and fasteners providing added versatility and gear carrying options.

9504066



15 POCKET TOOL BAG

Holds tools and fasteners providing added versatility and gear carrying options.

9504072

NOTE: Part numbers are the same worldwide except as noted above.