

# PRIME DESIGN™

A Safe Fleet Brand



AluRack®

**THE UNIVERSAL  
ROOF RACK**



# ALURACK® PUT TO THE TEST

## SUCCESSFUL CRASH TEST

AluRack® was challenged during a dynamic city crash test by TÜV SÜD Czech Republic. (DIN ISO 11154/attach. E). The roof rack was installed on a van roof and loaded with the maximum capacity of 400 lbs.

The results of the 11 mph sled test proved the safety of AluRack®. At impact, the load and the rack **did not shift** during the crash test and maintained their position on the roof. A successful test indeed.



# PICKUP TOPPER APPLICATIONS

## WORK HARD. DRIVE SMART. LOOK GOOD.

Loading bulky sheets of plywood, drywall, pipe and even weekend toys from the back of the truck can be difficult. The AluRack® has a built-in rear roller making loading and unloading safer and easier. The sturdy, rugged design can carry all of your cargo, while withstanding challenging weather conditions.



Rear Roller makes loading and unloading easy



Improve productivity – Easily unload and load cargo with assistance from the standard rear roller.



Rugged and durable anodized aluminum enhances vehicle's professional image.



Maintain vehicle warranty and resale value with no holes to drill.



Provides the most versatile way to transport your cargo.



Maximize the safety and versatility of your truck with an AluRack®.

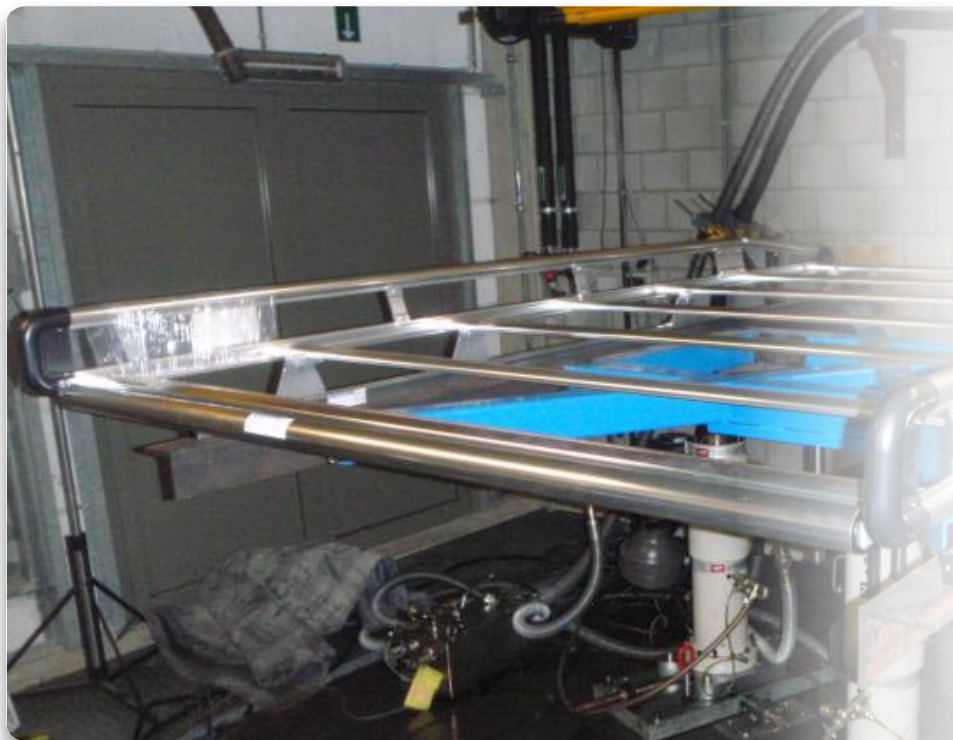
## DURABILITY TEST

During a test conducted by Flanders' Drive, the durability of AluRack® was evaluated in an accelerated way on a hydraulic test rig using a uni-axial excitation.

The test consisted of two parts:

1. A van equipped with accelerometers was driven over a test track.
2. The output of the vibrations measured during the test track were used to replay these signals on AluRack® mounted on a hydraulic actuator.

The AluRack®, supporting a distributed payload of 330 lbs. and subjected to road excitations, completed the durability test without a failure.





# ONE ROOF RACK SOLUTION FOR MANY VEHICLE TYPES

With its highly dynamic look, AluRack® fits many vehicle types, short or long wheelbase, regular or high roof.



Improve productivity – Easily unload and load cargo with assistance from the standard rear roller.



Rugged and durable anodized aluminum enhances vehicle's professional image.



Maintain vehicle warranty and resale value with no holes to drill.



Provides the most versatile way to transport your cargo.

## CROSSBAR DESIGN

Like the wing of an airplane, the crossbars improve aerodynamics.



## RUGGED & DURABLE

With rack weights ranging from 33 - 96 lbs., AluRack® weighs 30% less than a similarly configured steel rack, allowing you to carry more cargo without jeopardizing OEM roof capacity.



## CONDUIT TUBE

With this optional accessory, easily manage long material with the confidence it will stay securely on your roof.



## CLAMP DOWN

An optional accessory, a single touch, secures the ladder to the rack without the use of tie downs or bungs.



## MOUNTINGS

AluRack® mountings maintain the vehicle's warranty and resale value by using gutters and factory mounting points.








## REAR DOOR ACCESS LADDER


### Safe Access for High-Roof Vans


Eliminate using a slippery tire or bumper as a step surface. The Rear Door Access Ladder provides superior stability for popular cargo van models. It installs in minutes, without drilling and can be removed and re-installed on another van of the same make/model – an attractive benefit to fleets of any size.


 Improve safety - Eliminate the hazard of using a tire or bumper to access cargo.

 Easy access to roof.


 Maximizes resale value and maintains vehicle warranty by clamping to the rear door

 Available for many popular cargo van models.

 Rugged and durable anodized aluminum enhances vehicle's professional image.

 Installs in minutes - Watch YouTube video to learn how.




 Search term "Prime Design Rear Door Access Ladder" to find more information.





## CONDUIT TUBE

Confidently secure long material during transportation.

Available in 8, 10, & 12 foot lengths.

 Rugged aluminum construction

 Steel reinforced end caps – keeps contents secure. Tested to 11G.


 Deter theft and secure contents with padlock




Secure contents with padlock rear cover

## CLAMP DOWN

Add capability and easily secure a ladder to your AluRack®. Easily installs and adjusts to fit and secure any ladder.


 Rugged aluminum construction


 Deter theft and secure contents with padlock ready handle

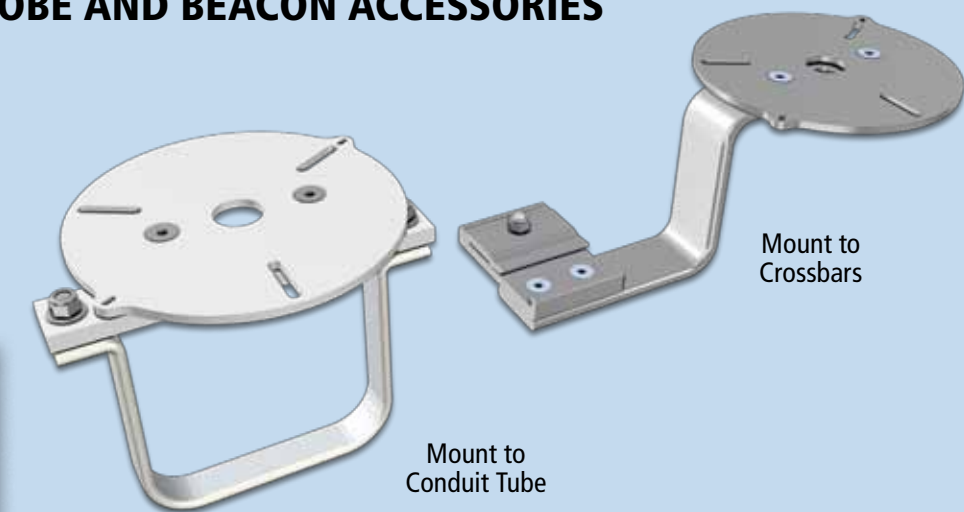


Secures ladder easily with padlock

## SEE AND BE SEEN WITH STROBE AND BEACON ACCESSORIES

 Rugged aluminum construction

 No drilling – easy clamp on installation



Mount to Conduit Tube

Mount to Crossbars

# PRIME DESIGN<sup>TM</sup>

A Safe Fleet Brand

Rugged. Durable. Safe.



## AluRack<sup>®</sup>

# PRIME DESIGN<sup>TM</sup>

A Safe Fleet Brand

Prime Design<sup>TM</sup>, A Safe Fleet Brand, manufactures and distributes AluRack<sup>®</sup> professional roof racks for light commercial vehicles. These solutions feature state of the art materials, technologies, and user interface innovations.



# PRIME DESIGN<sup>TM</sup>

A Safe Fleet Brand

## ErgoRack<sup>®</sup>



**THE ERGONOMIC LADDER RACK SOLUTION**

# ERGORACK® BENEFITS

-  Easy to use – deploys with only 2 fingers.
-  Eliminates slip and fall hazards from climbing on bumper or tire.
-  Improve productivity – Deploy or stow in less than 20 seconds.
-  Removable handle – easy access for operators of any height.
-  Maintain vehicle warranty and resale value with no holes to drill.
-  Control ladder deployment with adjustable hydraulic cylinder
-  Winner of ergonomic awards in USA, France, Germany and Australia.
-  Deter theft and secure contents with padlock ready handle



their rust vs. Prime Design no rust

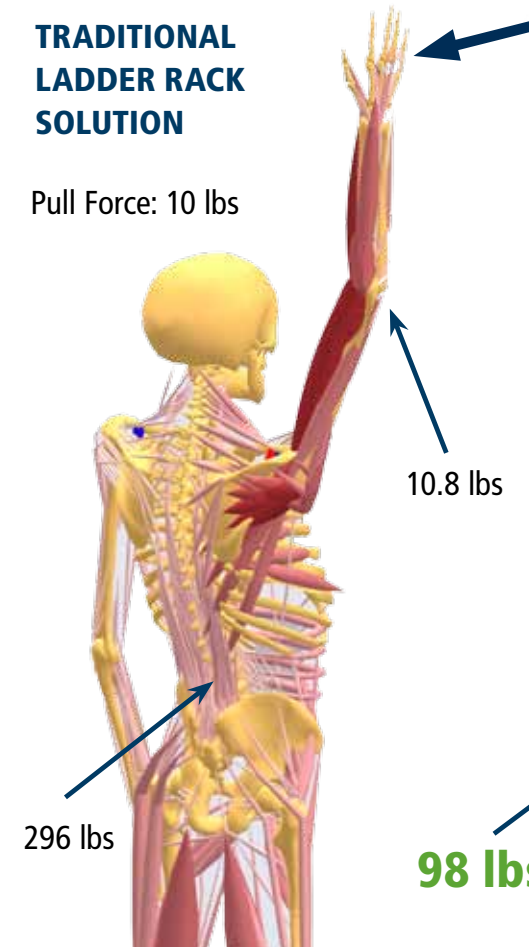


competition vs. ErgoRack®

# THE ERGONOMIC ADVANTAGE

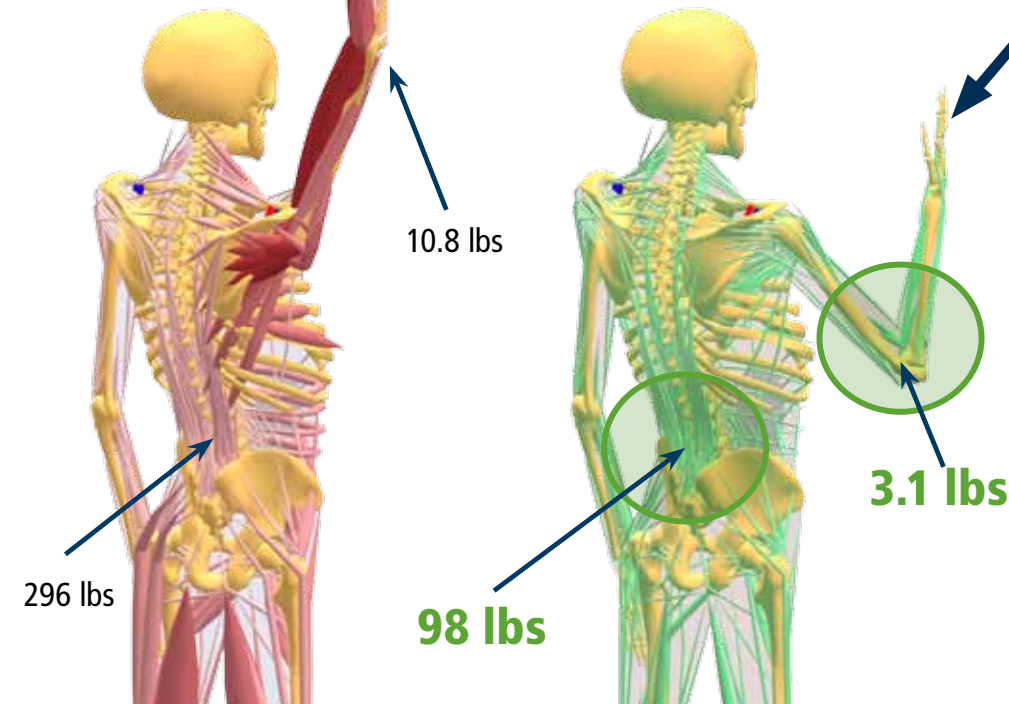
## TRADITIONAL LADDER RACK SOLUTION

Pull Force: 10 lbs



## ERGORACK®

Pull Force: 10 lbs



\* Muscles that are larger and darker indicate higher exertion and muscle strain.

## SUPERIOR DESIGN & MORE

ErgoRack's® design minimizes muscle stress associated with loading and unloading ladders. It's design creates mechanical advantage that reduces the force needed to pull the handle and rotate the ladder up or down.

## ERGONOMIC FUNCTION

ErgoRack® reduces stress to the lower back and shoulders by eliminating the need to step on the bumper or tailgate to access a ladder.



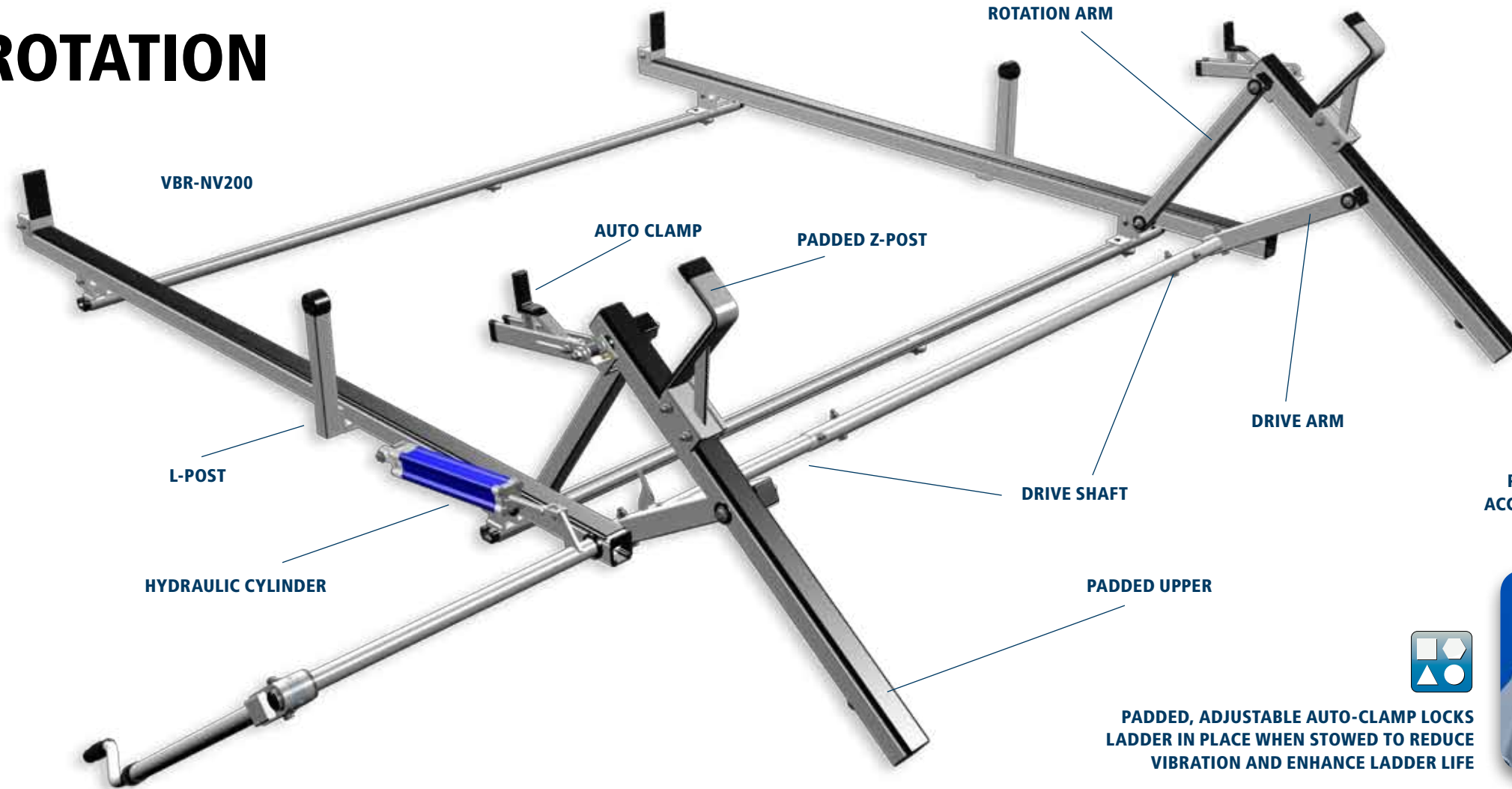
Search term "Prime Design ErgoRack USA" to find more information.





# HORIZONTAL ROTATION

Horizontal Rotation allows the operator to easily rotate a ladder from a stowed position to the deployed position.



 CONTROL LADDER DEPLOYMENT WITH ADJUSTABLE HYDRAULIC CYLINDER



SECURE LADDER TO DETER THEFT



ENHANCED OPERATOR POSITIONING REDUCES ACCIDENTS AND INJURIES



PADDED, ADJUSTABLE AUTO-CLAMP LOCKS LADDER IN PLACE WHEN STOWED TO REDUCE VIBRATION AND ENHANCE LADDER LIFE



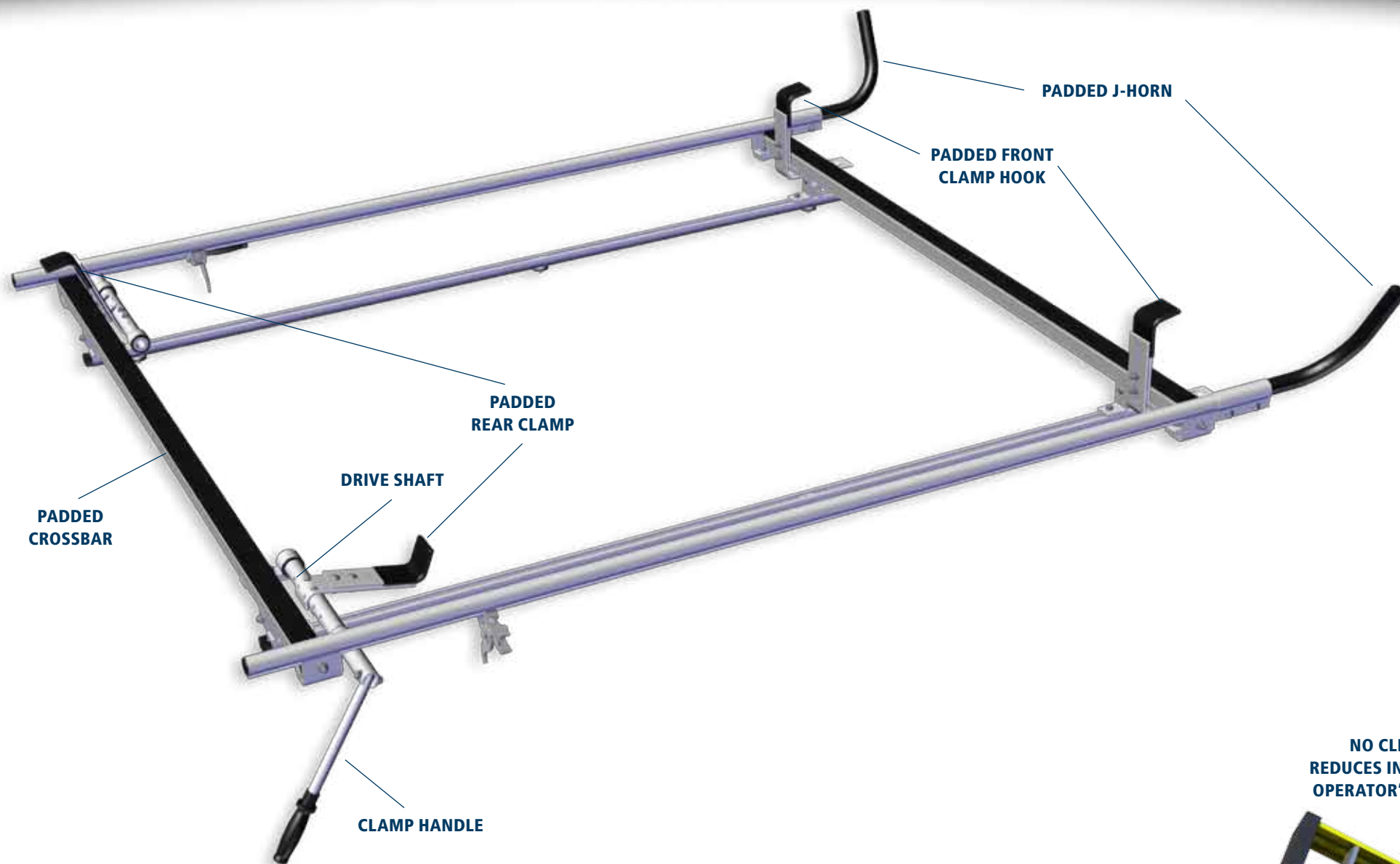


# CLAMP DOWN

An economical solution ideally suited for transporting smaller, lightweight ladders on low roof vans or pickup truck toppers.



 A PULL OF THE HANDLE RELEASES OR ENGAGES THE CLAMP



SECURE LADDER TO DETER THEFT



PADDED J-HORN MAKES CONTROLLING THE LADDER EASIER



NO CLIMBING ON THE VEHICLE REDUCES INJURIES BY KEEPING THE OPERATOR'S FEET ON THE GROUND

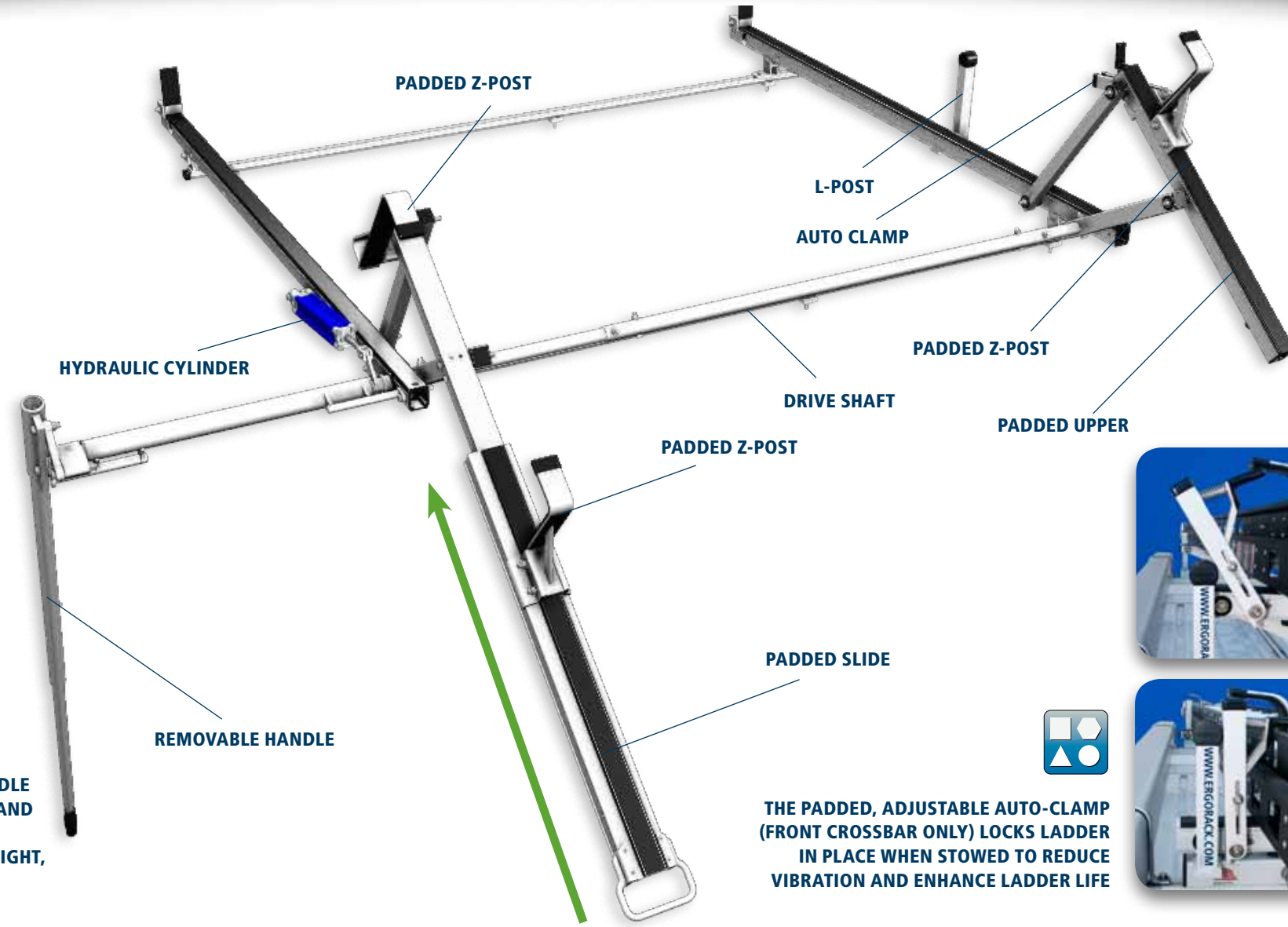




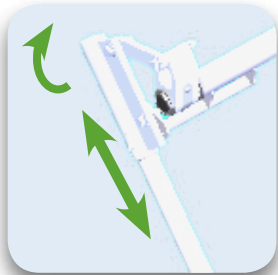
# HIGH ROOF

Accessing a ladder on a high roof vehicle can prove a challenge. ErgoRack® answers the challenge with two unique features.

1. Most high roof racks are equipped with a slide extension which lowers the ladder an additional 22 inches.
2. All high roof racks are equipped with an adjustable, removable handle which improves the operators reach.



**SLIDE EXTENSION LOWERS THE LADDER FOR EASY UNLOADING OR LOADING.**



**REMOVABLE HANDLE ALLOWS ACCESS AND OPERATION FOR USERS OF ANY HEIGHT, SHORT OR TALL**

**THE PADDED, ADJUSTABLE AUTO-CLAMP (FRONT CROSSBAR ONLY) LOCKS LADDER IN PLACE WHEN STOWED TO REDUCE VIBRATION AND ENHANCE LADDER LIFE**



## ROOF HEIGHT

Got a high roof? We can help. ErgoRack® works on all medium and high roof van models.

7 TO 8 FEET



8 TO 10 FEET \*



\* Rack models include slides





# ADDITIONAL OPTIONS

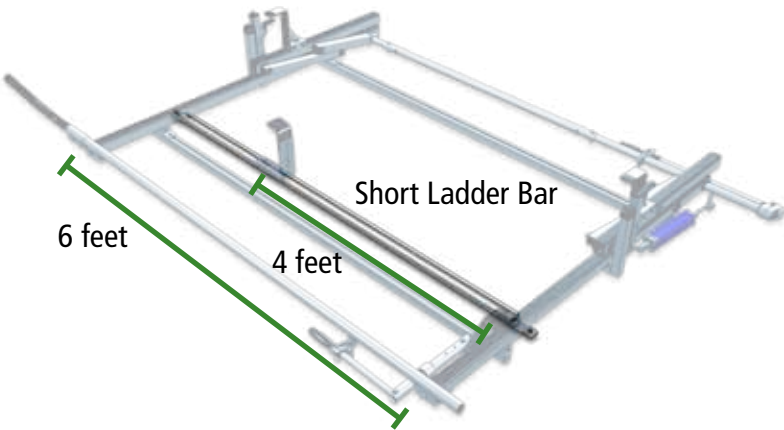
One size does not always fit all. Inquire about how we can accommodate your unique needs.

## SHORT LADDER BAR

Want to carry a ladder that's too short for the crossbar spacing?

**Example:** a 6 foot step ladder cannot properly engage hooks spaced at 6 feet. This means the front hook will need to be positioned 4 feet away from the rear hook.

A Short Ladder Bar can position the front hook any distance away from the front crossbar to accommodate your shorter ladder. Available for 5, 6, 7 and 8 foot crossbar spacing.



## DOUBLE HIGH

Maximize ladder capacity by adding one additional ladder to a Horizontal Rotation configuration. Ideal for carrying 2 step ladders on one side (up to 75 lbs.) Not available for configurations with slides.



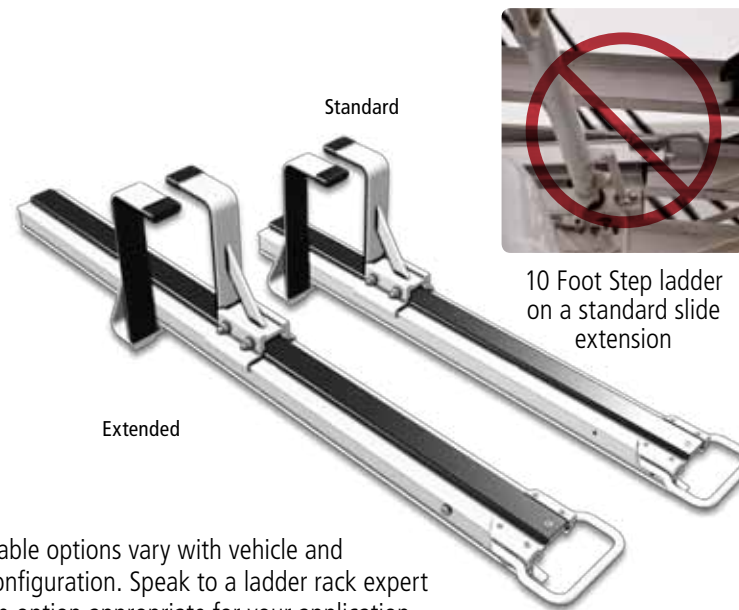
## EXTENDED UPPER

Extended Uppers are longer than standard to accommodate the wider base of 10 & 12 foot step ladders and other specialty ladders. Available for standard/low roof van applications.



## EXTENDED SLIDE

An Extended Slide is longer than standard to accommodate the wider base of 10 & 12 foot step ladders and other specialty ladders. Available for high roof applications.



Available options vary with vehicle and rack model configuration. Speak to a ladder rack expert to specify an option appropriate for your application at 877-463-7225

# ACCESSORIES

## CONDUIT TUBE

Confidently secure long material during transportation.

Available in 8, 10, & 12 foot lengths.

- Rugged & durable aluminum construction
- Steel reinforced end caps – keeps contents secure. Tested to 11G.
- Deter theft and secure contents with padlock



Secure contents with padlock rear cover

## REAR MIRROR

A back view of the vehicle with the 8" chrome mirror provides both safety and security. Easy installation for either new or existing rack installations.

*Not available for high roof configurations.*

- No drilling – easy clamp on installation
- Driver's view of the rear door provides added safety & security.



## SEE AND BE SEEN WITH STROBE AND BEACON ACCESSORIES

- Rugged & durable aluminum construction
- No drilling – easy clamp on installation

We have many strobe and beacon options. Speak to a ladder rack expert at 877-463-7225





**OPEN SERVICE BODY**

*Your safety. Our concern.*

A single accident can cost a company thousands of dollars, hurt morale, and slow or stop business. Putting safety first protects employees from harm and helps reduce or eliminate workers' compensation claims.

Utilize the space above of your open service body without needing a ladder to access your ladders.



**ENCLOSED SERVICE BODY**

*More time on the job, less time handling ladders.*

Transport more tools in your enclosed service body vehicle, keep productivity high, and lower the risk of injuries by installing the right ladder-rack solution. Shown here with inclined rotation.



**HEAVY DUTY OPEN SERVICE BODY**

*Engineered solutions configured for application.*

For Utility and Telecom applications, deploying the ladder vertically is mission critical. Prime Design offers several vertical ErgoRack® applications to keep workers safe and productive.



**TRAILER/BOX TRUCK**

*Work smarter, not harder.*

The right roof-storage solution can improve safety, increase productivity and lower costs.

ErgoRack® is designed to reduce muscle stress, eliminate risk of injury and speed the job of loading and unloading ladders from any work vehicle.



Easy to use - Deploys with only 2 fingers



Improve Productivity - Deploy or stow in less than :20 seconds



Reduce Injuries - Eliminates slip and fall hazards from climbing on bumper or tire



Safety - Feet stay safely on the ground.



Control ladder deployment with adjustable hydraulic cylinder



Deter theft and secure contents with padlock ready handle



Ergonomic - Winner of ergonomic awards in USA, France, Germany and Australia.



**WORK HARD. DRIVE SMART.  
LOOK GOOD.**

Keep productivity high and lower the risk of injuries and worker compensation claims by installing the right roof-storage solution on your truck.

Prime Design's ergonomic, patented and award-winning solutions have helped business owners around the world eliminate or reduce the costs, stress and business pressures caused by work-related injuries.

**UNIVERSAL TOPPER APPLICATIONS**

*Standard out of the box solutions*

Good ergonomic ladder transport isn't just the domain of the work van anymore. Many of the rack configurations that are available for vans are also available in universal configurations for pickups with toppers.



**CAP/INSERT APPLICATIONS**

*Optimized manufacturer specific designs*

Caps and inserts, while similar to toppers, often allow for more customization of the work truck. Cap and insert manufacturers choose to work with Prime Design to configure racks tailored to their cap/insert designs and provide their customers with the absolute best product period.



**BED RAIL MOUNT APPLICATIONS**

*Carry ladders and keep the bed open for cargo*

One size fits all does not work for everyone, and especially with pickup trucks. Sometimes it's more important to have an open bed to load bigger cargo in your work truck. We got you covered. Similar to toppers, many van configurations are also available for pickups in bed mount configurations.



Maximize the safety and carrying capacity of your truck with an ErgoRack®.



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Ergonomic. Safe. Easy.



ErgoRack<sup>®</sup>

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Prime Design<sup>®</sup>, A Safe Fleet Brand, manufactures and distributes ErgoRack<sup>®</sup> professional roof racks for light commercial vehicles. The products are TÜV certified and have received recognition awards for quality, functionality and safety. The solutions feature state of the art materials, technologies, and user interface innovations.

ErgoRack<sup>®</sup> Ladder Racks are protected by one or more of the following patents: 6,092,972; 6,099,231; 6,202,807; 6,427,889; 6,764,268; 6,971,563

ML-7.2-4016 / Rev E / 02-11-2016



# ERGORACK® OPTIONS

ErgoRack® is versatile and functional and has a wide range of standard and optional features.

# PRIME DESIGN™

A Safe Fleet Brand

## SLIDE

High Roof applications (over 7 feet) present a challenge for loading/unloading a ladder. The slide, when deployed, places the ladder 22 inches closer to the ground for hassle-free access. Includes removable handle.



Before slide deployed



After slide deployed

## CONDUIT TUBE

Confidently secure long material during transportation.

Available in 8, 10, & 12 foot lengths.

- Lightweight and durable aluminum construction.
- Steel reinforced end caps – keeps contents secure. Tested to 11G.
- Padlock-ready



Secure contents with padlock rear cover

## EXTENDED UPPER

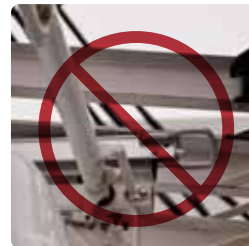
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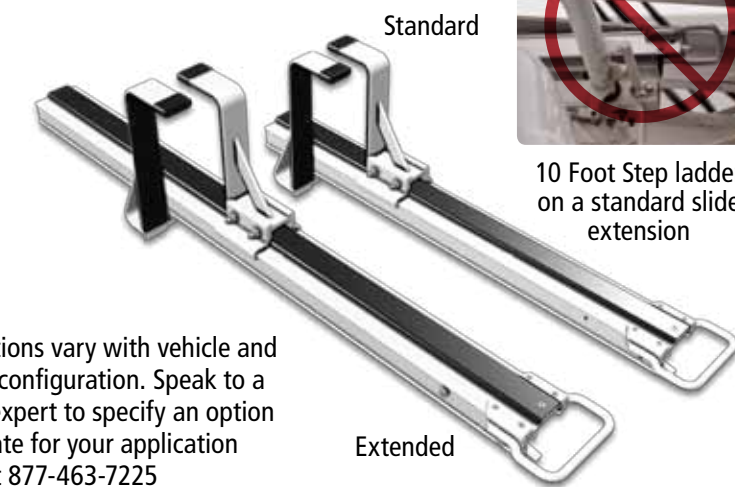
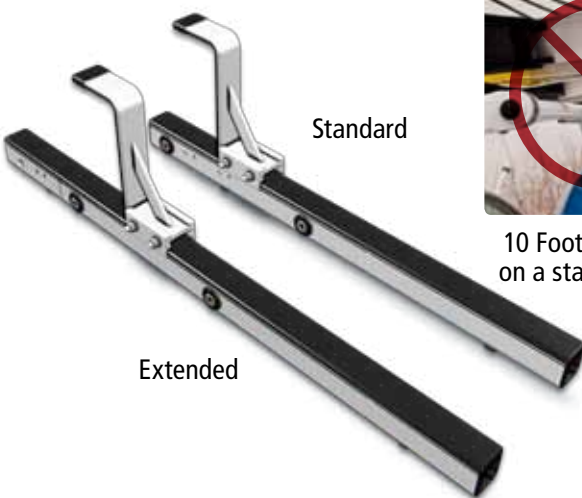
10 Foot Step ladder on a standard upper

## EXTENDED SLIDE

An Extended Slide is longer than standard to accommodate the wider base of 10 & 12 foot step ladders and other specialty ladders. Available for high roof applications.



10 Foot Step ladder on a standard slide extension



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# PRIME DESIGN™

A Safe Fleet Brand

ML-7.2-4045-Rev A 2-10-2016



## ERGONOMIC LADDER RACKS FOR WORK TRUCK & SERVICE BODIES

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### OPEN SERVICE BODY

*Your safety. Our concern.*

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Utilize the space above of your open service body without needing a ladder to access your ladders.



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Transport more tools in your enclosed service body vehicle, keep productivity high, and lower the risk of injuries by installing the right ladder-rack solution. Shown here with inclined rotation.



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