

## LOADING DOCK EQUIPMENT PRODUCTS BUILT FOR SAFETY, RELIABILITY AND STRENGTH



### VEHICLE RESTRAINTS

The most effective way to prevent accidents caused by trucks and trailers from prematurely pulling away from docks during loading and unloading.



### DOCK LEVELERS

Allow forklifts to make a smooth, safe transition between loading dock and trailer, reducing the effects of dock shock, and the jarring that occurs when a lift truck crosses between the warehouse floor and trailer bed.



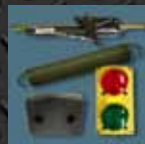
### SEALS AND SHELTERS

A wide variety of designs to fit your facility's needs for vehicle type, door size, dock height, driveway grade, dock traffic and weather conditions.



### SAFETY BARRIER PRODUCTS

Reduce your risk of injury as well as damage to your building, equipment and products.



### LOADING DOCK ACCESSORIES

Comprehensive line of loading dock accessories and loading dock aftermarket products to improve safety, productivity, security and environmental control.

Since 1986, NOVA has been providing innovation and reliability to the loading dock industry. We manufacture and distribute a comprehensive line of vehicle restraints, mechanical, air powered and hydraulic dock levelers, edge-of-dock levelers, dock seals and shelters, safety barrier products, and other loading dock accessories to improve safety, productivity, security and environmental control.

For a dealer in your area or for additional information on routine service, preventative maintenance, product questions, or to request a quote, contact NOVA Technology.

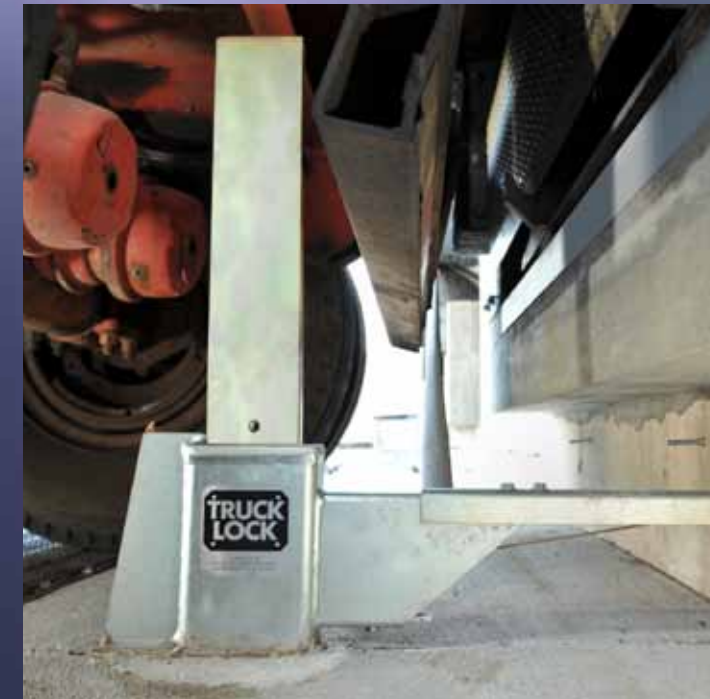


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... YOUR PARTNER IN  
**LOADING DOCK SAFETY AND EFFICIENCY SOLUTIONS**



**NOVA TRUCK LOCK™**



## PREVENT ACCIDENTAL TRAILER SEPARATION FROM THE LOADING DOCK

The NOVA Truck Lock™ vehicle restraint secures your vehicle and keeps dock operations safe and secure while effectively communicating with drivers and loading dock personnel during loading and unloading. Trucks and trailers are prevented from departing the dock by a high-visibility vertical barrier which can withstand a pull-away force of over 30,000 pounds to prevent accidental separation from the loading dock during the cargo handling process.



The NOVA Truck Lock combines simplicity of design with ease of operation, low maintenance and superior restraining capability to provide an effective solution at a budget friendly price. Wherever loading dock safety is a concern, the NOVA Truck Lock offers affordable protection for your employees and guests.

## LOWEST TOTAL COST OF OWNERSHIP

- Extremely low maintenance, with very few moving parts
- Routine inspections easily performed by internal staff
- Economical manual or pneumatic operation
- May lower insurance costs by making loading docks safer

## EXCEPTIONAL VERSATILITY

- Effective on more types of trucks (e.g. lift gates, intermodal shipping containers) than any other model of restraint
- Installs at more non-standard dock types (e.g. brick veneer, concrete curb, block, etc.)
- Available in Cast-In or Bolt-In (flange) models
- Choice of 7-1/2" (low profile series) or 10" (350 series) retracted height

## ROBUST PERFORMANCE & DURABILITY

- Operates in the harshest conditions—all activation components are INSIDE the building, not exposed to weather
- Ram bar yield strength of 100,000 lbs
- Withstands 30,000 lbs. of pull-away force
- All exterior components are zinc-plated for corrosion resistance

## LOW ENVIRONMENTAL IMPACT

- Driveway mounted—no destruction of dock walls
- Non-impact restraint inflicts no damage on trucks
- Small footprint is not obtrusive to loading dock operations
- Restraint lubricating fluid is nontoxic and biodegradable

## SAFETY

- Full communication package with signage and inside/outside red/green LED lights in opposing mode
- Audible alarm built into the control panel alerts the dock attendant to potentially unsafe conditions

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# NOVA TRUCK LOCK 350 SERIES

## CAST-IN STYLE

The Cast-In style housing is designed to be embedded into the concrete drive—not attached to the dock wall. This will provide years of trouble free service without any damage to the building. The zinc-plated housing is completely self-contained and is designed to handle the harshest of loading dock environments.



## FEATURES

- 10" retracted height
- Non-impact design
- Manual or powered versions
- LED inside and outside light communication package
- Can withstand over 30,000 pounds of pull-away force
- Ram bar yield strength of 100,000 psi
- Zinc-plated finish provides exceptional corrosion resistance
- All activation components mounted inside the building
- Low maintenance design, very few moving parts
- Installs at more nontraditional dock types
- Small foot print

## OPTIONS:

- Compressor/wall bracket
- Truck sensor
- Interconnect with leveler or door
- Interlock with leveler or door
- Open dock stanchion
- Metal building mount kit
- Asphalt kit for asphalt or non-concrete approach applications (Cast-In style housing only)
- Swivel brackets for unique applications

## BOLT-IN (FLANGE) STYLE

The Bolt-In (Flange) style housing is designed to be anchored to the concrete drive—not attached to the dock wall. This will provide years of trouble free service without any damage to the building. The zinc-plated housing is completely self-contained and is designed to handle the harshest of loading dock environments. This style allows for easier movement to other dock positions in the event of required location changes.



# NOVA TRUCK LOCK LOW PROFILE SERIES



## CAST-IN STYLE

The Cast-In style housing is designed to be embedded into the concrete drive—not attached to the dock wall. This will provide years of trouble free service without any damage to the building. The zinc-plated housing is completely self-contained and is designed to handle the harshest of loading dock environments.



## FEATURES

- 7 1/2" retracted height for use with lift gate and steep decline approach
- Non-impact design
- Manual or powered versions
- LED inside and outside light communication package
- Can withstand over 30,000 pounds of pull-away force
- Ram bar yield strength of 100,000 psi
- Zinc-plated finish provides exceptional corrosion resistance
- All activation components mounted inside the building
- Low maintenance design, very few moving parts
- Versatility in handling a larger variety of trucks
- Installs at more nontraditional dock types
- Small foot print

## OPTIONS:

- Compressor/wall bracket
- Truck sensor
- Interconnect with leveler or door
- Interlock with leveler or door
- Open dock stanchion
- Metal building mount kit
- Asphalt kit for asphalt or non-concrete approach applications (Cast-In style housing only)
- Swivel brackets for unique applications

## BOLT-IN (FLANGE) STYLE

The "Bolt-In" (Flange) style housing is designed to be anchored to the concrete drive—not attached to the dock wall. This will provide years of trouble free service without any damage to the building. The zinc-plated housing is completely self-contained and is designed to handle the harshest of loading dock environments. This style allows for easier movement to other dock positions in the event of required location changes.



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# NOVA TRUCK LOCK ACCESSORIES



## COMPRESSOR

Use as an alternative to plant air or where plant air is not available. Compressor can operate up to 15 locks within a 300 feet maximum distance. Oil-less and maintenance free.

## CONCRETE HOLE FORM-NEW CONSTRUCTION

Place the hole form in correct position prior to pouring concrete for the approach. Form is 10" diameter and comes in 12" sections.

## CONSOLE SUPPORT-METAL BUILDING

Use in a non-structural area of metal building wall. Anchors to floor for optimal placement.

## CONSOLE SUPPORT-OPEN DOCK (STANCHION) KIT

Use where there are no walls to attach console. Mounts to edge of dock face.

## INTERCONNECT-DOCK DOOR OR LEVELER

Restraint can be operated normally or interconnected to a dock leveler or door. Set the Truck Lock operating switch on the control box to "Auto". The ram bar will then automatically raise and lower when the door opens or closes or as soon as the lip on the dock leveler raises or lowers. Dealer must specify type required-dock door or leveler-switch plate and wiring is different for each.

## INTERLOCK-DOCK DOOR OR LEVELER

Cuts power to an overhead door or powered leveler. Until ram bar is raised, the door or dock leveler cannot be operated. Once restraint is raised (ram bar up and inside green light is on), a relay inside the restraint control box is energized, restoring power to the dock door or leveler.

## ASPHALT KIT

Use when installing lock in asphalt or other non-concrete approaches.

## SENSOR SWITCH KIT

When the RIG activates the sensor wand, a flashing blue light on the control box indicates a truck is present. Once the truck is restrained, the blue indicator light and a green indicator light become steady, indicating that the truck is safe to load/unload.

## SWIVEL BRACKETS

Use to guide truck lock cabling around corners or up curb on the dock wall. Multiple configurations can be used in a variety of combinations:

- Upper Pulley Swivel Bracket 41-3-912
- Lower Pulley Swivel Bracket 41-3-908
- 180° to 270° Swivel Bracket 41-3-903
- 90° to 180° Swivel Bracket 41-3-906

## COMMUNICATION

Improve safety and efficiency at the loading dock by providing visual communication between the dock personnel and the truck driver.

Simple, reliable and cost-effective warning system that reduces the risk of accidents around the loading dock

Establishes a clear line of communication between drivers and dock personnel

Highly visible red/green LED lights with signage

Integral eyebrow-type sun visors for extended visibility

Outside Lights: Constant flashing red or green LED lights and signage instruct the truck driver when it is safe to back into or pull away from the loading dock.

Inside: Constant flashing red or steady green LED lights



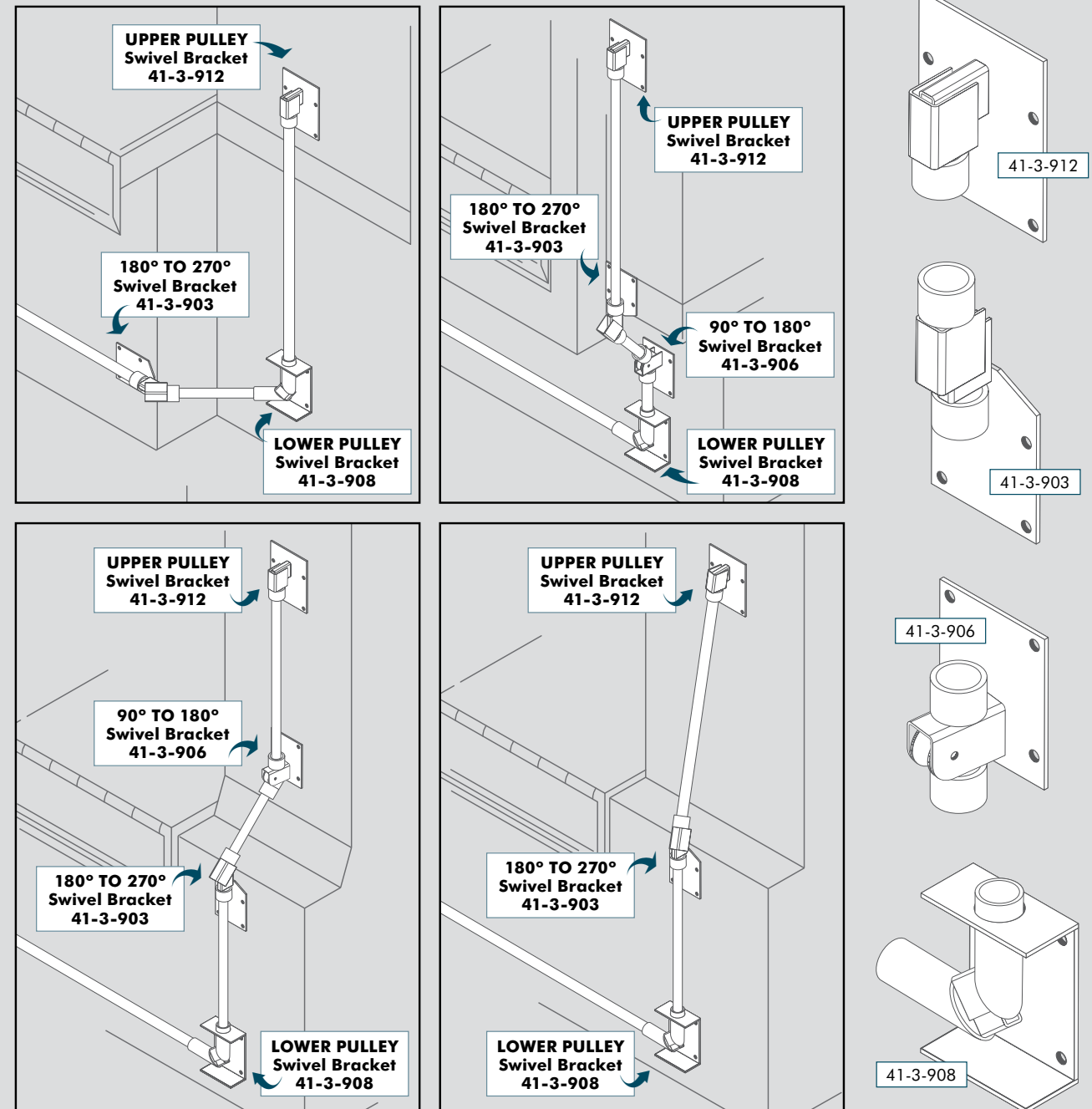
Exterior LED light display for vehicle drivers



Interior LED light display for dock personnel



Caution signs for inside and outside the dock



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