

# Opening Boxcars Safely And Efficiently 100% Of The Time



*Our Goal Is To Keep Your Employees Safe*

# The Arnold Company

## About Us

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- Headquarters and Manufacturing In Trenton, IL
- Established 1985
- Railcar Unloading And Related Accessories
  - Hopper Gate Openers
  - Boxcar Openers (Plug Doors and Sliding Doors)
  - Railcar / Industrial Vibration
  - “Rhino” Vibrator Lifter
  - New Door Demon HTO (Truck Hopper Trailer Opener)
- Sales In USA, Canada and Mexico Across Many Industries
  - Anyone Receiving Freight Via Rail Is A Potential Customer
- Home Of The  **Door  
Demon**

# Common Boxcar Door Configurations



Plug Doors



Sliding Doors

# Common Risks Opening Sliding Door Or Plug Doors On Boxcars

- Stored Energy In Plug Door Handle From Tension or Shifted Load Causes Handle To Spin Uncontrollably



# Common Risks Opening Sliding Door Or Plug Doors On Boxcars

- Manual Winch Or Come Along - Stored Energy Results In Severe Injury If Chain Or Steel Cable Disconnects Or Breaks



# Common Risks Opening Sliding Door Or Plug Doors On Boxcars

- Load Shifts During Transit Applying Outward Pressure To The Door And/Or Falling Material Upon Opening



# Traditional Practices Heard (And Documented) Across Multiple Industries

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- Tap Handle With A Hammer To Test Weight Against Door
- Release Handle Tension With Mallet or Hammer
  - “Be Prepared To Drop The Hammer And Move Away.”
- Utilize An Extension Pipe On The Plug Door Handle
- Ram The Sliding Door With The Fork Lift Forks
- Welding Steel Chains To Forklift Devices To Pull Sliding Railcar Devices Open/Closed
- Hooking Chain To A Truck And Pulling Door Open

**These Options Might work but they Do Not Remove Risk And May In Fact Cause More Harm Than Good**

# Our Solution: “Door Buster” Multi-Purpose Boxcar Opener

30 Foot Cord Allows Winch Operation From A Safe Distance

Self-Adjusting Power Arm Absorbs The Recoil So The Forklift Does Not Have to Move While Unit Opens the Boxcar

Powered By 2 Group 24 Batteries With 500cca – 4 Hour Charger Included

Turning Mechanism Secures Plug Door Handle And Allows Operator To Turn Handle From The Safety Of The Forklift

Two 9500 Pound Winches Make Pulling Open And Closed Even The Toughest Doors Easy And Safe

Supplied Hooks Provide Multiple Options For Safely Attaching To Railcar And Door

Synthetic Winch Ropes Lay Down When Cut - Will Not Whip or Backlash





# The Arnold Company - Contact Information

- Phone – (800) 245-7505 / (618) 224-7505
- Email – [sales@arnoldcompany.com](mailto:sales@arnoldcompany.com)
- Address
  - The Arnold Company
  - 2955 Trico Drive
  - Trenton, Illinois 62293
- Sales Manager – Scott M. Dressler
- Website – [www.arnoldcompany.com](http://www.arnoldcompany.com)



**Thank You!**