PROFESSIONAL LIFTING EQUIPMENT

DEPENDABLE PRODUCTS

QUALITY

SAFETY

PERFORMANCE

1964

Over 50 YEARS

PROFESSIONAL LIFTING EQUIPMENT
• Exceptional Customer Service
• Innovative Products
• Availability
• Durability
• Quality
• Best Value
• Knowledgeable Sales Team

NORCO has four distribution centers, strategically located around the USA, to speed delivery to our customers and to their customers’ job sites!

Our products are tested to meet the toughest industry standards. Our NORCO Limited Lifetime Warranty is a testimony to our commitment to offering the best quality and performance anywhere.

NORCO designs and delivers many vehicle specific adapters for automobile and truck manufacturers. These unique tools save time when removing and installing parts, while enhancing technician safety. We also offer a wide array of dealership-friendly tools that won't mark tile or epoxy shop floors. NORCO works for innovative and cost-effective “win-win” solutions to problems.

While some of our products are made in the USA, some are assembled in the USA, and many are imported, one thing is certain: We provide products that we’ve designed to meet technician needs. Whether it is our US patented one pump to the load floor jacks, rolling lift bridge or underhoist transmission jacks, you can count on NORCO to provide you with a unique, time-saving tool for your shop needs.

Thanks for taking the time to look through our catalog. NORCO was created in 1964 and we are now into our third generation of family ownership. It is our intent to make the best quality product, offered at the best possible price, for the professional repair marketplace. If you take a look at our various departments, executive-level management, manufacturing, sales support, or customer service, you will find decades of longevity with the company. It is a testament to the corporate values held here at NORCO. As for customer service...it’s our goal to meet your needs with one call. So pick up the phone and let’s get acquainted!

While NORCO’s mission is to make money for all the stakeholders in our company, our goal…our commitment to you…is for you to be able to take any NORCO product off the shelf, put it into service, and have it work, SAFELY, right out of the box. Based on our warranty statistics, we are doing things right. “When Safety Depends on Performance” isn’t just some tagline. It’s our core belief, but it takes a thoughtful process to get it right. We identify needs. Our engineers design products to meet those needs. We build prototypes and test them extensively. Once we are satisfied, we build preproduction prototypes and test them again to meet the current ASME PASE standards. After the products are approved, and we decide to make and introduce them to the market, we test them again before we put them on the shelf. We believe in each and every one of our products and we do our best to ensure they are made tough enough so that once you sell them, you won’t see them again!
Thank you for the opportunity to offer you the best shop equipment value on the market.

NORCO Limited Lifetime Warranty (details on back cover).

Working to meet those standards ensures our customers that our products are safe for the user and perform beyond the design, testing, operation, maintenance, and inspection of portable automotive service equipment. Tirelessly using the latest ASME PASE safety standards for our design qualification testing. The ASME PASE standard applies to technicians depends on the performance of your products. “When Safety Depends on Performance” isn’t just some tagline. It’s the foundation of our business. When one of our most valued customers was asked why he chose NORCO for his shop equipment needs, he said, “The safety of our most important customers was asked why he chose NORCO for his shop equipment needs, he said, “The safety of our equipment has earned that confidence because we use the latest ASME PASE safety standards for our design qualification testing. The ASME PASE standard applies to the design, testing, operation, maintenance, and inspection of portable automotive service equipment. Tirelessly working to meet those standards ensures our customers that our products are safe for the user and perform beyond their expectations. All NORCO products, whether imported or assembled in the USA, are confidently covered by the NORCO Limited Lifetime Warranty (details on back cover).

Thank you for the opportunity to offer you the best shop equipment value on the market.
**TIGHTER TOLERANCES, BETTER FINISHES, HIGHEST QUALITY!**

**FEATURES**
- Long "T" handle helps in positioning jack under vehicle with low overhang.
- Handle locking lever secure handle in either vertical, horizontal or 45 degree position.
- Overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/NGE load-limiting standard.
- Rust inhibitive coating on ram protects ram from rust.
- Double acting pump raises ram more quickly to the load.
- Vacuum operated ram retraction eliminates manual lowering of jack.
- Suspension loaded axle prevents wheel damage.
- Double acting pump raises ram more quickly to the load.
- Handle locking lever secures handle in either vertical, horizontal or 45 degree position.
- Long "T" handle helps in positioning jack under vehicles with low overhang.

**INTENDED USE**
- Heavy duty truck, rail, bus, agricultural and construction equipment applications.

**PRODUCTS**

- **72225** 50 / 25 Ton Capacity
  - INTENDED USE: Heavy duty truck, agricultural and construction equipment applications.

- **72244** 44 Ton Capacity
  - INTENDED USE: Heavy duty truck, rail, bus, agricultural and construction equipment applications.

- **72212** 55 / 37 / 23 / 12 Ton Capacity
  - INTENDED USE: Heavy duty truck, rail, bus, agricultural and construction equipment applications.

- **72218** 33 / 20 Ton Capacity
  - INTENDED USE: Heavy duty truck, rail, bus, agricultural and construction equipment applications.

**FLOOR SERVICE JACKS**

- **71000D** 10 Ton Capacity
  - INTENDED USE: Heavy duty truck, heavy construction and agricultural equipment maintenance garages.

- **72230A** 20 Ton Capacity
  - INTENDED USE: Heavy duty truck, heavy construction and agricultural equipment maintenance garages.

**FASTJACK®**

- One pump to the load!
- Fast action mechanism raises the jack’s lifting saddle to the load in one pump stroke.
- U.S. PATENT NUMBER 7,055,801 B2

**ONE PUMP TO THE LOAD!**

- *NOTE*: Models not shown have same basic construction as models pictured.

**HIGHEST 5 TON LIFT HEIGHT ON THE MARKET!**

- 71500G
  - 5 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71550G
  - 5 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71100A
  - 10 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71100D
  - 10 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71000D
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 72220A
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 72230A
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

**FLOOR JACKS**

- 71500G
  - 5 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71550G
  - 5 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71100A
  - 10 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71100D
  - 10 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 71000D
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 72220A
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.

- 72230A
  - 20 Ton Capacity
  - INTENDED USE: Truck fleet, truck and farm equipment dealers and bus company garages.
**FLOOR JACKS**

71202A
2 Ton Capacity
Floor Jack

**INTENDED USE**
A heavy-duty professional quality floor jack designed for variety of automotive shop uses including the day-to-day rigors of the tire changing industry.

**FEATUES**
- Fast acting pump raises jack to maximum height in 10-1/2 incremental pump strokes. Not only lifts fast to the load but lifts load fast.
- Angular pump piston provides efficient stroke no matter how far under the vehicle the jack is positioned.
- Patented air valve and oil passage design keep air pressure equalized in multiple oil cavities in hydraulic block to help maximize pump efficiency.
- Nylon front and rear wheels to protect sealed floor surfaces and Dealers showrooms.
- Thick steel side plates provide increased frame strength.
- Thick aluminum side plates.
- 49" two-piece handle for easy shipping and storage.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/IEEE load limiting standard.

**OVERALL DIMENSIONS**
- Height 28-7/8"
- Width 15-25/32"
- Weight 10 lbs.

**FITS MODEL**
- 71202A

71228
Steel Wheel Kit

Fits model 71202A
Weight: 1/4 lbs.

71226
Handle Protector Kit

Fits models 71202A, 71233A & 71335
Weight: 1 lb.

**U.S. PATENT NO.** 7,016,796

**71233A**

2 Ton Capacity
Double Pump
Floor Jack

**INTENDED USE**
An economical floor jack designed for a variety of automotive shop uses where strength, speed, and dependability are required.

**FEATUES**
- Extremely low 2-3/4" low lift height.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/IEEE load limiting standard.
- Heavy-duty chassis for added strength and dependability.
- 50.25" long two-piece handle for easy shipping and storage.
- Foam handle sleeve is included to protect vehicles from damage.
- Dual pump piston design raises the jack to maximum height in 8-1/2 pump strokes.
- U-joint release mechanism for more control.

**OVERALL DIMENSIONS**
- Height 26-11/16"
- Width 13-7/8"
- Length 13.375"
- Handle Length 49"
- Weight 109 lbs.

**FITS MODEL**
- 71233A

71305
3 Ton Capacity
Lightweight Floor Jack

**INTENDED USE**
A lightweight floor jack designed for a variety of automotive shop uses including fast lifting of the vehicle. It saves time and effort and increases shop efficiency.

**FEATUES**
- Thick aluminum side plates.
- 49" long two-piece handle with foam handle sleeve.
- Heavy duty aluminum front and rear wheels.
- Two-speed pump piston raises the saddle to the load quickly.
- Two grab handles provide more convenient lifting of the jack.
- Steel lift saddle for greater durability and strength.
- High lift height may be increased by 3" with optional model 71303 extension adapter.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/IEEE load limiting standard.

**OVERALL DIMENSIONS**
- Height 28.75"
- Width 15.25"
- Weight 102 lbs.

**FITS MODEL**
- 71330 & 71335

71335
3-1/2 Ton Capacity
SUV & Service Truck Jack

**INTENDED USE**
A heavy-duty floor jack designed for a variety of automotive shop uses including the added capacity and maximum lift height required to handle most SUVs and 1 Ton service trucks.

**FEATUES**
- Steel hydraulic block construction includes a double pump piston design that quickly raises the jack to the maximum height.
- 10" long, two piece handle with knurled hand grip and foam handle sleeve provides:
  - Ease of pumping.
  - Longer reach for positioning under overhang.
  - Ease for transportation and storage.
  - Ease of pumping in tight quarters when second handle section is removed.
- 4" low and 21-3/8" maximum lift heights (without saddle adapter).
- 7" low and 24-3/8" maximum lift height (with saddle adapter).
- Heavy-duty chassis for added strength and dependability.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/IEEE load limiting standard.
- Also available is our unique 3" saddle extension adapter (Model 71303). Its patented design has been created to quickly lift the load. Sense most SUVs and service trucks have a higher low lift height, the increased height of the saddle allows for quicker positioning and quicker lifting of the vehicle. It saves time and effort and increases shop efficiency.

**OVERALL DIMENSIONS**
- Height 26.50"
- Width 14.25"
- Length 19.50"
- Handle Length 49"
- Shipping Weight 106 lbs.

**FITS MODEL**
- 71330 & 71335

71335
3" Saddle Extension Adapter

Fits model 71330 & 71335
Weight: 3 lbs.
81004C & 81006D

**Pairs of Stands**

**3 & 6 Ton Capacity**

(Each Stand)

**INTENDED USE**

For automotive use where vehicle is to be supported before making repairs.

**81012**

**Pair of Stands**

12 Ton Capacity

(Each Stand)

**INTENDED USE**

Fleet garages, agricultural and construction maintenance shops.

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**FEATURES**

- Unique spring loaded panel provides constant locking pressure against lifting column.
- Four legged base with foot pads for added strength and more secure footing on asphalt.
- Common machine bolt secures lifting column to stand and provides added strength when stand is continuously lifted and handled by the column.
- Recessed column saddle for acceptance of vehicle panel rail (model 81004C only).
- Positive lock handle cannot be disengaged until load is off the saddle column. Lock handle can be used as a carrying handle.

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**81004C**

(3 Ton)

**81006D**

(6 Ton)

**81012**

(12 Ton)

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**STANDS**

**81205**

5 Ton Capacity Pair of Stands

(5 Tons each stand)

**INTENDED USE**

Low profile design in order to support forklifts and heavy machinery.

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**81208**

10 Ton Capacity Pair of Stands

(Short Height)

(10 Tons each stand)

**81209**

10 Ton Capacity Pair of Stands

(Medium Height)

(10 Tons each stand)

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**81210**

10 Ton Capacity Pair of Stands

(High Height)

(10 Tons each stand)

**81225**

25 Ton Capacity Pair of Stands

(25 Tons each stand)

**INTENDED USE**

Fleet garages, agricultural and construction maintenance shops where low profile stands are used to support trucks and loaded trailers.

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**FEATURES**

- Pin type support column adjusts to four different height positions.
- Pins chamfered for easier insertion into positioning holes.
- Adjustment pin is secured to stand to prevent loss.
- Handle provides ease of positioning and carrying.
- 9” square base secures and stabilizes load.

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**81225i**

(25 Ton)

**81205i**

(5 Ton)

**81210i**

(10 Ton)

**81209i**

(10 Ton)

**81208i**

(10 Ton)

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**ALL STANDS ARE INTENDED TO BE USED IN PAIRS.**

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California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov
TRAILER STABILIZING STAND & UNDER HOIST STANDS

IMPORT 81022A

20 Ton Capacity

Trailer Stabilizing Stand

INTENDED USE
To stabilize and assist in supporting the front or rear end of a loaded or unloaded heavy trailer. Sold individually but generally used in pairs.

81022A

1-1/2 Ton Capacity

1-1/2 Ton Capacity

81033A

1-1/2 Ton Capacity

W/ Foot Pedal

INTENDED USE
To assist in stabilizing and supporting a vehicle that is raised by an in-ground or above-ground lift. Should be used in pairs.

81033A

1 Ton Capacity

1 Ton Capacity

INTENDED USE
For lifting and positioning exhaust systems, shock absorbers and MacPherson struts. Hydraulic power will assist in freeing frozen spring shackles, aligning wheels and steering gear adjustments.

81035A

3/4 Ton Capacity

81036A

3/4 Ton Capacity

W/ Foot Pedal

TRAILER STABILIZING STAND & UNDER HOIST STANDS

IMPORT 81022A

20 Ton Capacity

Trailer Stabilizing Stand

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To stabilize and assist in supporting the front or rear end of a loaded or unloaded heavy trailer. Sold individually but generally used in pairs.

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1-1/2 Ton Capacity

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81033A

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81033A

1 Ton Capacity

1 Ton Capacity

INTENDED USE
For lifting and positioning exhaust systems, shock absorbers and MacPherson struts. Hydraulic power will assist in freeing frozen spring shackles, aligning wheels and steering gear adjustments.

81035A

3/4 Ton Capacity

81036A

3/4 Ton Capacity

W/ Foot Pedal

FEATURES

(Models 81033A & 81034A)

• Light weight, slender design makes handling easy, even in close quarters.
• Quick adjust spin handle with thrust bearing eliminates wear and provides ease of turning under load.
• Foot pedal (Model 81034A only) generates 1” additional stroke and 400 pounds of force at the saddle.
• Pedal may be locked in vertical position for storage or shipment.
• 1” diameter arce threaded screw has 26-1/4” of travel.

FEATURES

(Model 81035A)

• An adjustment pin chained to the stand secures the support column at 6 different height positions.
• Quick adjust spin handle with thrust bearing eliminates wear and provides ease of turning under load.
• 7” diameter arce threaded screw has 6-1/2” of travel for fine adjustment.
• 5/8” thick rubber saddle pad.

FEATURES

(Model 81036A)

• First activated pump and lowering pedal allow use of both hands to position components.
• Spring return lowering pedal automatically closes the release valve when foot is removed from pedal.
• 16” hydraulic travel.
• Telescopic support tube with nine height adjustments at 2-1/2” increments.
• A 1 1/2” diameter, 3/8” thick steel base provides added stability.
• Two 3” diameter wheels provide easy maneuvering of stand into work position or around the shop.

FEATURES

(Models 81022A & 81022Ai)

• Meets OSHA requirements for supporting trailers when loaded or unlocked.
• 14” diameter base provides maximum leveling stability.
• Quick adjust spin handle for ease of turning.
• Large diamond plate saddle to grip the load.
• 1-1/2” diameter, grade 5 heavy duty screw and nut provide maximum strength and fine adjustment.

FEATURES

(Model 81033A (w/ foot pedal))

• Adjustable pin on the saddle secures the support column at 6 different height positions.
• Machine handle enables the clutch to be positioned in either a horizontal position for clearing underneath truck or vertical position for installation and removal.
• 2” and 1-3/4” diameter spline shafts rotate 360˚ for clutch and engine alignment.
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump provides safe lowering of load.
• Two stage chrome flush rams inhibit rust from developing in the lowered position.
• Foot pedal (Model 81034A only) generates 1” additional stroke and 400 pounds of force at the saddle.
• Pedal may be locked in vertical position for storage or shipment.
• 1” diameter arce threaded screw has 26-1/4” of travel.

FEATURES

(Model 81036A)

• Tilting saddle activated by an integrated screw with machine handle enables the clutch to be positioned in either a horizontal position for clearing underneath truck or vertical position for installation and removal.
• 2” and 1-3/4” diameter spline shafts rotate 360˚ for clutch and engine alignment.
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump provides safe lowering of load.
• Two stage chrome flush rams inhibit rust from developing in the lowered position.
• Foot pedal (Model 81034A only) generates 1” additional stroke and 400 pounds of force at the saddle.
• Pedal may be locked in vertical position for storage or shipment.
• 1” diameter arce threaded screw has 26-1/4” of travel.

81036A

(1/2 TON)

81034A (shown)

81033A (w/ foot pedal)

FEATURES

(Model 81035A)

• Tilting saddle activated by an integrated screw with machine handle enables the clutch to be positioned in either a horizontal position for clearing underneath truck or vertical position for installation and removal.
• 2” and 1-3/4” diameter spline shafts rotate 360˚ for clutch and engine alignment.
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump provides safe lowering of load.
• Two stage chrome flush rams inhibit rust from developing in the lowered position.
• Foot pedal (Model 81034A only) generates 1” additional stroke and 400 pounds of force at the saddle.
• Pedal may be locked in vertical position for storage or shipment.
• 1” diameter arce threaded screw has 26-1/4” of travel.

FEATURES

(Model 81036A)

• First activated pump and lowering pedal allow use of both hands to position components.
• Spring return lowering pedal automatically closes the release valve when foot is removed from pedal.
• 16” hydraulic travel.
• Telescopic support tube with nine height adjustments at 2-1/2” increments.
• A 1 1/2” diameter, 3/8” thick steel base provides added stability.
• Two 3” diameter wheels provide easy maneuvering of stand into work position or around the shop.

FEATURES

(Models 81022A & 81022Ai)

• Meets OSHA requirements for supporting trailers when loaded or unlocked.
• 14” diameter base provides maximum leveling stability.
• Quick adjust spin handle for ease of turning.
• Large diamond plate saddle to grip the load.
• 1-1/2” diameter, grade 5 heavy duty screw and nut provide maximum strength and fine adjustment.

FEATURES

(Model 81036A)

• Tilting saddle activated by an integrated screw with machine handle enables the clutch to be positioned in either a horizontal position for clearing underneath truck or vertical position for installation and removal.
• 2” and 1-3/4” diameter spline shafts rotate 360˚ for clutch and engine alignment.
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump provides safe lowering of load.
• Two stage chrome flush rams inhibit rust from developing in the lowered position.
• Foot pedal (Model 81034A only) generates 1” additional stroke and 400 pounds of force at the saddle.
• Pedal may be locked in vertical position for storage or shipment.
• 1” diameter arce threaded screw has 26-1/4” of travel.

81036A

(1 TON)

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11 California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov
UNDER HOIST TRANSMISSION JACKS
FOR AUTOMOTIVE USE

72500E
Telescopic
1/2 Ton Capacity
Single Pump Transmission Jack

INTENDED USE
Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

FEATURES
• Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
• Safety overload system prevents jack from being used beyond the ASME/ANSI load-limiting standard.
• Foot operated pump and lowering pedals allow use of both hands to position and align saddle with transmission.
• Two-stage flash chromed rams inhibit rust from entering hydraulic system.
• Wide base with four easy rolling 4” diameter swivel ball bearing caster wheels, provides stability and easy maneuvering in its lowered position.
• Polyurethane wheels provide protection for expensive tile and epoxy floors.

THE ECONOMY OF MANUAL OPERATION WITH THE SPEED OF AIR MODELS

THE WIDEST VARIETY OF TRANSMISSION JACKS ON THE MARKET

72450B
Telescopic
1/2 Ton Capacity
Air / Hydraulic Transmission Jack

INTENDED USE
Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars, vans and light trucks that are raised by an in-ground or above-ground lift.

FEATURES
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump valve provides safe lowering of load.
• Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
• Safety overload system prevents jack from being used beyond the ASME/ANSI load-limiting standard.
• Two-stage flash chromed rams inhibit rust from entering hydraulic system.
• Wide base with four easy rolling 4” diameter swivel ball bearing caster wheels (two are locking caster wheels) provides stability and easy maneuvering in its lowered position.
• Polyurethane wheels provide protection for expensive tile and epoxy floors.

U.S. PATENT NO. 7,171,807

72475A
Telescopic
3/4 Ton Capacity
Air / Hydraulic Transmission Jack

INTENDED USE
Designed for the removal, installation and transportation (in the lowered position) of transmissions and transfer cases on passenger cars and up to one ton capacity vans and trucks that are raised by an in-ground or above-ground lift.

FEATURES
• Air/hydraulic foot pump provides hands free operation and easy, convenient lifting.
• Metered pump valve provides safe lowering of load.
• Fully adjustable universal saddle with hand adjustable corner brackets and safety chain.
• Safety overload system prevents jack from being used beyond the ASME/ANSI load-limiting standard.
• Two-stage flash chromed rams inhibit rust from entering hydraulic system.
• Wide base with four easy rolling 4” diameter swivel ball bearing caster wheels (two are locking caster wheels) provides stability and easy maneuvering in its lowered position.
• The wheels, made from a phenolic resin, offer high impact resistance and are non-marking for protection of tile and epoxy floors.

U.S. PATENT NO. 7,171,807


UNDER HOIST TRANSMISSION JACKS
FOR AUTOMOTIVE USE
OPTIONAL ADAPTERS & SADDLES
For use with all NORCO floor and under hoist transmission jacks. Adapters include all attachment hardware and one ratchet strap.

72527
California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov

UNIQUE VEHICLE & SERVICE SPECIFIC ADAPTERS SAVE TIME & ENHANCE SAFETY
This unique adapter allows any NORCO automotive transmission saddle adapter to be used with the NORCO heavy-duty transmission jack: 72700A or 72701A. This economical design can save a shop thousands of dollars by allowing one transmission jack to be used for both heavy-duty truck and automotive applications.

4R80 VEHICLE APPLICATIONS:
2008–2010 Ford Expedition
2008–2010 Lincoln Navigator
2008–2010 Ford Explorer
2007–2010 Ford Explorer Sport Trac
2006–2010 Mercury Mountaineer
2009–2012 Ford F-150
2011 Ford Territory (SZ-series TCDi model)
2011–2012 Ford Mustang V6, GT

6R80 VEHICLE APPLICATIONS:
For use on Ford and Lincoln 6F35 and GM 6T40 transmissions. Weight: 18 lbs.

6R140 VEHICLE APPLICATIONS:
Ford 6R140 Adapter
For use on 4X4N, 4R70W, 4R100 4x4 & 4T60E transmissions. Weight: 51 lbs.

REAR AXLE ADAPTERS
Ford 6F35 Adapter
For use on Ford and Lincoln 6F35 and GM 6T40 transmissions. Weight: 18 lbs.

4F27E Adapter
For use with automotive transmissions up to 750 lbs. Also allows for the safe and secure removal and installation of DPF & drive shafts. The beam bag eliminates the need for individual DPF transmission adapters. Weight: 31 lbs.

300 Lbs. Capacity Clutch Saddle
An optional saddle adapter which is used in conjunction with model 72510, 72515, & 72450 under hoist transmission jacks. Weight: 22 lbs.

6F50 Adapter
For use on Ford and Lincoln 6F50 and GM 4L60E transmissions. Weight: 25 lbs.

Mercedes 722 Adapter
Weight: 12 lbs.
Visit norcoindustries.com for more details.

Ford CDE4E Adapter
Weight: 17 lbs.
Visit norcoindustries.com for more details.

Ford 6R140 Adapter
Weight: 35 lbs.

F250 - F550 Super Duty.
450, 550 Super Duty with a 6.7L Diesel.

Ford 5R55W, 4R70W, 4X4N, AXOD Metric Adapter
This one adapter can quickly and easily be adjusted to fit four different transmission configurations. Weight: 38 lbs.

Mercedes 722 Adapter
Visit norcoindustries.com for more details.

Ford CDE4E Adapter
Visit norcoindustries.com for more details.

Ford 4F27E Adapter
Weight: 15 lbs.
Visit norcoindustries.com for more details.

OPTIONAL ADAPTERS & SADDLES
For use with all NORCO floor and under hoist transmission jacks. Adapters include all attachment hardware and one ratchet strap.

72531
Automotive to Heavy Duty Saddle Adapter
Allows any automotive adapter to be attached to any heavy duty under hoist transmission jack. Weight: 18 lbs.

72528
Ford 6R80 Adapter
For use on Ford 6R80 transmissions. Weight: 24 lbs.

72537
Chrysler 948 Adapter
Designed to enhance technician safety while dramatically reducing service time to remove and install the ZFHP48 / HWP48 transmissions. Weight: 20 lbs.

72529
Ford Diesel Exhaust Adapter

72508
Fuel Tank Saddle
An optional saddle adapter which is used in conjunction with a NORCO transmission jack to remove, install and transport (on the lowered position) automobile and light truck emptied fuel tanks and other undercar components. Weight: 37 lbs.

72525
Quick-Adjust Saddle
An optional saddle that replaces the 4 adjustable corner brackets found on the standard universal saddle. Weight: 19 lbs.

FEATURES
• Handles automotive and light duty truck fuel tanks up to 46 gallon capacity.
• Tanks are to be emptied before handling.
• Four adjustable support risers with rubber pads protect the fuel tank and can be quickly positioned to fit many shapes and sizes.
• Includes two load restraint straps.

FEATURES
• Quickly adapts to the existing universal saddle plate.
• Four low profile ratcheting arms quickly and easily adjust to the transmission pan configuration.
TRANSMISSION JACKS

**72050E**

1/2 Ton Capacity

**INTENDED USE**
For removal and installation of automobile and light truck transmissions or differentials.

**FEATURES**
- Wide chassis with open-front provides:
  - Easy access to saddle tilt knobs.
  - Two heavy duty ratchet tie-downs conveniently secure the load to the lifting saddle.
  - Fully adjustable universal saddle with adjustable arms to position the transmission.
  - Fully adjustable overload system prevents jack from being used beyond the ASME/PASE load-limiting standard.
  - Fully adjustable saddle with three angle brackets to position the transmission.
  - Security Ratchet Straps Used to secure the load on any NORCO transmission jack. Rubberized coating on hooks. Weight: 3 lbs.
  - Longer opening for saddle and transmission to come lower to the ground for easy removal.
  - Efficient load distribution and stability.
  - Wider opening for saddle and transmission to come lower to the ground for easy removal.
  - Efficient load distribution and stability.

**INTENDED USE**
For removal and installation of automobile and light truck transmissions.

**NOTE:** See optional adapters and saddles on pages 14-15.

**TECH FRIENDLY OPEN-FRONT CHASSIS DESIGN**

**NOTE:** Model not shown has some basic construction as model pictured. Import model differs slightly from model made in U.S.A.

**MODEL NUMBER**

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>LIFT HEIGHT LOW</th>
<th>HIGH</th>
<th>OVERALL DIMENSIONS</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>SADDLE SIZE</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>72050E</td>
<td>1/2 Ton</td>
<td>7.375&quot; x 32.125&quot;</td>
<td>30&quot;</td>
<td>26.5&quot;</td>
<td>7.125&quot; x 8.125&quot;</td>
<td>152 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**72025**

1-1/2 Ton Capacity

**INTENDED USE**
Same as the model 72000E but with a wider chassis opening plus a broader lift range to handle a larger variety of transmissions or differentials.

**FEATURES**
- Fully adjustable saddle with adjustable angle brackets to position the transmission.
- Four 4" diameter full-swivel ball bearing caster wheels for easy positioning.
- Wide chassis for efficient load distribution and stability.
- Fully adjustable saddle with adjustable arms to position the transmission.
- Fully adjustable overload system prevents jack from being used beyond the ASME/PASE load-limiting standard.
- Fully adjustable saddle with three angle brackets to position the transmission.
- Security Ratchet Straps Used to secure the load on any NORCO transmission jack. Rubberized coating on hooks. Weight: 3 lbs.
- Longer opening for saddle and transmission to come lower to the ground for easy removal.
- Efficient load distribution and stability.
- Wider opening for saddle and transmission to come lower to the ground for easy removal.
- Efficient load distribution and stability.

**NOTE:** See optional adapters and saddles on pages 14-15.

**MODEL NUMBER**

<table>
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<tr>
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<th>OVERALL DIMENSIONS</th>
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<th>WIDTH</th>
<th>HEIGHT</th>
<th>SADDLE SIZE</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>72025</td>
<td>1-1/2 Ton</td>
<td>4.75&quot; x 36.5&quot;</td>
<td>43.25&quot;</td>
<td>32.75&quot;</td>
<td>18.25&quot; x 15.25&quot;</td>
<td>414 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IMPORT 72000Ei**

1-1/2 Ton Capacity

**INTENDED USE**
For heavy truck transmissions, ideally suited for truck dealers, maintenance and heavy duty transmission repair centers.

**FEATURES**
- Wide chassis with open front provides:
  - Wide opening for saddle and transmission to come lower to the ground for easy removal.
  - Efficient load distribution and stability.
  - Easy access to saddle tilt knobs.
  - Fully adjustable universal saddle with adjustable arms to position the transmission.
  - Fully adjustable overload system prevents jack from being used beyond the ASME/PASE load-limiting standard.
  - Fully adjustable saddle with three angle brackets to position the transmission.
  - Security Ratchet Straps Used to secure the load on any NORCO transmission jack. Rubberized coating on hooks. Weight: 3 lbs.
  - Longer opening for saddle and transmission to come lower to the ground for easy removal.
  - Efficient load distribution and stability.
  - Wider opening for saddle and transmission to come lower to the ground for easy removal.
  - Efficient load distribution and stability.

**NOTE:** Model not shown has some basic construction as model pictured. Import model differs slightly from model made in U.S.A.

**MODEL NUMBER**

<table>
<thead>
<tr>
<th>CAPACITY</th>
<th>LIFT HEIGHT LOW</th>
<th>HIGH</th>
<th>OVERALL DIMENSIONS</th>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>SADDLE SIZE</th>
<th>SHIPPING WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>72000Ei</td>
<td>1-1/2 Ton</td>
<td>7.75&quot; x 30.5&quot;</td>
<td>45&quot;</td>
<td>28&quot;</td>
<td>10.25&quot; x 15.25&quot;</td>
<td>310 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Differential Adapter**

Used with models 72000E, 72000Ei, 72001 and 7201A. Adapts to most differentials and replaces the universal saddle when used. Weight: 29 lbs.

**Fuller® Eaton® Roadranger® Adapter**

Used with model 72000E and 72000Ei jacks only. Adapter fits most differentials and replaces the universal saddle when used. Weight: 21 lbs.

California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov
TRANSMISSION JACKS

UNDER HOIST TRUCK TRANSMISSION JACKS

FEATURES
- Fully adjustable universal saddle with adjustable corner brackets and safety chain.
- Safety overload system prevents jack from being used beyond the ASME/PASE load-limiting standard.
- 2" diameter, flash chromed, single stage ram provides added stability throughout the entire lift range.
- Foot operated pump and lowering pedals allow use of both hands to position and align saddle with transmission.
- Wide base with four 3/8" diameter heavy duty swivel ball bearing caster wheels provides stability and easy maneuvering.

NOTE: See optimal adapters and saddles on pages 14-15.

MODEL NUMBER | CAPACITY | LIFT HEIGHT (Low: High) | BASE DIMENSIONS | SHIPPING WEIGHT
72700A | 1 Ton | 45.75" - 74.25" | 38" x 38" | 292 lbs

72701A
1 Ton Capacity
Air / Hydraulic

INTENDED USE
Same as the model 72700A but with the added convenience of an air/hydraulic foot pump.

FEATURES
- Air/hydraulic foot pump provides hands free operation and easy convenient lifting.
-Metered pump valve provides safe lowering of load.
- Fully adjustable universal saddle with adjustable arms to position the transmission.
- Safety overload system prevents jack from being used beyond the ASME/PASE load-limiting standard.
- Heavy duty chain with convenient chain tensioner secures load to saddle.
- 2" diameter, flash chromed, single stage ram provides added stability throughout the entire lift range.
- Wide base with four 3/8" diameter heavy duty swivel ball bearing caster wheels provides stability and easy maneuvering.

NOTE: See optimal adapters and saddles on pages 14-15.

MODEL NUMBER | CAPACITY | LIFT HEIGHT (Low: High) | BASE DIMENSIONS | SHIPPING WEIGHT
72701A | 1 Ton | 41.25" - 69.375" | 37.5" x 38" | 273 lbs

1,250 Lbs. Capacity
HEAVIEST-DUTY POWERTRAIN LIFTS AVAILABLE

FEATURES
- Fingertip control for both pressure and release operations provides finer control of raising or lowering load.
- Safety overload system in the air/hydraulic pump prevents jack from being used beyond the load-limiting standard.
- The pump can be removed from its holder and placed closer to the lift saddle, leaving hands free to accurately position the load.
- Fully adjustable saddle with two ratchet tie-downs secure the load to the saddle.
- Four easy rolling caster wheels (locking rear caster wheels) provides stability and easy maneuvering in its lowered position.
- The wheels, made from a phenolic resin, offer high impact resistance and are non-marking for protection of tile and epoxy floors.
- The optional model 72508 Fuel Tank Saddle Adapter (page 14) can be quickly and easily installed.


MODEL NUMBER | CAPACITY | LIFT HEIGHT (Low: High) | OVERALL DIMENSIONS | TABLE SIZE | SADDLE TILT | SHIPING WEIGHT
72674 | 1,250 lbs. | 25.5" - 20.25" x 32.25" | 50" x 33" | 15° ±15° | 410 lbs
72850A | 2,500 lbs. | 31" - 22° ±17° | 57" x 42.75" | 22" x 22" x 17" | 665 lbs

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POWERTRAIN LIFTS/TABLES

INTENDED USE
This lift/table handles powertrain components like engines and their transmissions, engines with transaxle assemblies, rear ends and large electric vehicle batteries. It will also serve as a work table where components can be lowered to a convenient work height for repairs.

FEATURES
- An air/hydraulic foot pump includes a metered valve for safe lowering of the load.
- Safety overload system in the air/hydraulic pump prevents jack from being used beyond the load-limiting standard.
- Five foot extension hose with quick disconnect provides easy access to any component.
- Two heavy duty ratchet tie-downs are included to safely secure the load on the lift table.
- Table top height from 31" to 80-1/2".
- Five foot extension hose with quick disconnect allows use of both hands to position and release operations provides finer control of raising or lowering load.
- Safety overload system in the air/hydraulic pump prevents jack from being used beyond the load-limiting standard.
- The pump can be removed from its holder and placed closer to the lift saddle, leaving hands free to accurately position the load.
- Fully adjustable saddle with two ratchet tie-downs secure the load to the saddle.
- Four easy rolling caster wheels (locking rear caster wheels) provides stability and easy maneuvering in its lowered position.
- The wheels, made from a phenolic resin, offer high impact resistance and are non-marking for protection of tile and epoxy floors.
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MODEL NUMBER | CAPACITY | LIFT HEIGHT (Low: High) | OVERALL DIMENSIONS | TABLE SIZE | SADDLE TILT | SHIPING WEIGHT
72674 | 1,250 lbs. | 25.5" - 20.25" x 32.25" | 50" x 33" | 15° ±15° | 410 lbs
72850A | 2,500 lbs. | 31" - 22° ±17° | 57" x 42.75" | 22" x 22" x 17" | 665 lbs

California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov
**FEATURES**
- Heavy duty lift arms made with ball bearing conveyer rollers which allow easy rotation of wheels for alignment with bolt pattern.
- 7-1/2” of side to side lift arm adjustment eliminates the trial and error method of aligning the rim’s lug holes with the wheel drum.
- A 1,500 pound capacity heavy-duty winch with 5 to 1 gear ratio provides ease of operation.
- The wrench gear design acts as a brake and the lead to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- A hydraulic jack lifts the lift arms to match the angle of the spindle.
- Safety chain provided to secure tires and wheels to the dolly.
- Maneuverability is made easy by means of toe rear mounted ball bearing caster wheels. The caster wheels include a locking mechanism which can prevent the dolly from moving.

**HIGH LIFT WHEEL DOLLIES**

**SIDE-SHIFT FEATURE MAKES FOR EASY WHEEL ALIGNMENT**

**FEATURES**
- Rear swivel caster wheel and rigid front wheels provide positive steering for the model 82300D. Swivel caster wheels both fore and aft provide side to side maneuverability for the model 82101D.
- 4-wheels with polyurethane tread protect floor.
- Lift arms can be adjusted in closer to handle the more common dual wheel combinations and then adjusted outward to handle the larger combinations.
- Lift arms with ball bearing rolls easily rotate wheel rim for both pattern alignment.
- Lift arms supported at both ends minimize wheel movement.
- Adjustable height push bar provides unobstructed access to hub area.
- 3-1/4” threaded adjustment on rear caster wheel matches lifting arms with spindle angle.
- Safety chain included to secure wheel assembly to dolly during removal and transport.

**WHEEL DOLLIES**

**1/2 Ton Capacity**

**INTENDED USE**
For the removal and installation of single, tandem and duplex tires and wheels which are mounted on trucks that are supported above ground level.

**FEATURES**
- Dolly handles any tire diameter and up to 1,500 lbs. combined tire and wheel weight.
- Three 4” diameter swivel ball bearing caster wheels provide easy maneuverability & positioning.
- Travel adjustment on rear locking caster wheel matches lifting arms with spindle angle.
- 6” chain included to secure wheel assembly to dolly during removal & transport.
- Quick disconnect push/pull handle provides unobstructed access to hub area.

**3/4 Ton Capacity**

**INTENDED USE**
For the removal and installation of single, tandem and duplex tires and wheels.

**THE MOST ECONOMICAL TIRE LEVER**

**FEATURES**
- Heavy-duty tubular steel construction capable of handling 300 pounds.
- Easy grip handle along with improved “swivel arm” design improves leverage for easier installation and minimizes back strain.
- Steel alignment rollers allow simple alignment of the wheel to the wheel stud.
- Spring-loaded kickstand offers convenient storage.
- Two models capable of handling tire-diameters from 24 to 48 inches.

**TIRE DOLLY**

**Narrow Single Tire Handler Dolly**

**WIDE SINGLE TIRE HANDLER DOLLY**
2,000 Lbs. Capacity Engine Stand

**INTENDED USE**
A twin-post design capable of handling large automotive engines and small diesel engines ranging between 1,250 and 2,000 pounds.

**FEATURES**
- 5:1 ratio gearbox activated by hand crank easily turns the 360-degree rotating head to the desired work position.
- Two rigid wheels in back and two swivel caster wheels in front provide maximum stability and support. One locking caster wheel secures the stand in the desired work location.
- Polyurethane wheels provide protection for expensive tile and epoxy floors.
- Includes two universal mounting plates, rotating shaft, eight fully adjustable arms and all the related mounting hardware.
- Rotating shaft with mounting plate telescopes inside the post receiver for fine adjustment when mounting units or sides of engines. Mounting plates can be adjusted 5:1:4 apart.

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### Diesel Engine Stand

**3 Ton Capacity Diesel Engine Stand**

**INTENDED USE**
For safe handling and positioning of most diesel engines.

**FEATURES**
- Mounting head lifts for engine clearance in 360 degree rotation.
- 5:1 to 1 worm gear drive and long handle provide easy engine rotation.
- Floor lock keeps stand from moving during repairs.
- Universal adapter included.
- Optional adapters available.

---

### Optional Engine and Transmission Mounting Adapters

**MODEL NUMBER**
- 78160
- 78161
- 78162
- 78163
- 78164
- 78165
- 78166
- 78167
- 78168
- 78169
- 78170
- 78171
- 78172
- 78173
- 78174
- 78175
- 78176

**CAPACITY**
- 3 Ton
- 5 Ton
- 6 Ton
- 7 Ton
- 8 Ton
- 10 Ton
- 12 Ton

**OVERALL DIMENSIONS**
- Length
- Width
- Height
- Front
- Rear

**WEIGHT**
- 54 lbs.
- 59 lbs.
- 60 lbs.
- 61 lbs.
- 65 lbs.
- 70 lbs.
- 73 lbs.
- 77 lbs.
- 82 lbs.
- 84 lbs.
- 87 lbs.
- 100 lbs.
- 105 lbs.
- 109 lbs.
- 114 lbs.
- 116 lbs.
- 120 lbs.

**OPTIONAL ENGINE AND TRANSMISSION MOUNTING ADAPTERS**

- Caterpillar Engine Adapters for In-Line: 175, 267, 3406, 3408, 378; 504, 634, 636, 638; 517, 527, 713 In-Line 6 Cylinder Engines.
- Detroit Allison Transmission Adapter for HT740D, 6R80, 10R60 & 10R80 Transmissions.
- Detroit Diesel Engine Adapter for In-Line 6 Cylinder Engines: 672, 673, 675, 711.
- Detroit Allison Transmission Adapter for HD740D, HD756, HD776, CLBT, CR, DR.
- Cummins Engine Adapter for a Wide Range of Cummins Engines Including: NH, NTC, NTE, N14 855, In-Line 6 KT 1150M; L10 3176 (Truck or Marine), and C12 Engines.
- Mack Engine Adapter for the following In-Line Six Cylinder Engine Series: 672, 673, 675, 711.
- Detroit Allison Transmission Adapter for HT750, HT750CT, CLBT, CR/DR.
- Detroit Allison Transmission Adapter for HT750, HT750CT, CR, DR.
- Detroit Allison Transmission Adapter for HD756, HD776, HD786, CLBT, CR.
- Cummins 5.9L, 6.7L, 8.3L, 8.9L, 9.0L
- Detroit Allison Transmission Adapter for HT740D, 6R80, 10R60 & 10R80 Transmissions.
- Detroit Allison Transmission Adapter for HD740D, HD756, HD776, CLBT, CR, DR.
- Detroit Allison Transmission Adapter for HT740D, 6R80, 10R60 & 10R80 Transmissions.
- Detroit Allison Transmission Adapter for HD740D, HD756, HD776, CLBT, CR, DR.
- Detroit Allison Transmission Adapter for HT740D, 6R80, 10R60 & 10R80 Transmissions.
- Detroit Allison Transmission Adapter for HD740D, HD756, HD776, CLBT, CR, DR.

**GEAR-DRIVEN 360° ROTATION MAKES FOR EASIER REPAIRS**

**WHEEL DIAMETERS**
- Front: 7" 5.75"
- Rear: 7" 5.75"

**FROM MTG. HEAD TO GROUND**
- 35.25" to 43.25"

**ROTATIONAL CLEARANCE**
- 95 to 1 worm gear drive and long handle provide easy engine rotation.

**ASSEMBLED IN U.S.A.**

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**Optional Engine Mounting Adapters**

**MODEL DESCRIPTION**
- 78201 Ford 6.0L and 6.4L Engine Adaptor
- 78202 Ford 6.2L Engine Adaptor
- 78203A Ford 6.7L Engine Adaptor
- 78207 Ford 3.2L Diesel Engine Adaptor

**WEIGHT**
- 31 lbs.
- 37 lbs.
- 37 lbs.
- 37 lbs.

**1,250 Lbs. Capacity Engine Stand**

**INTENDED USE**
For safe handling and positioning of automotive engines weighing up to 1,250 pounds.

**FEATURES**
- 5:1 ratio gearbox activated by hand crank easily turns the 360-degree rotating head to the desired work position.
- Fully adjustable engine mounting head.
- Two rigid wheels in back and two swivel caster wheels in front provide maximum stability and support. One locking caster wheel secures the stand in the desired work location.
- Polyurethane wheels provide protection for expensive tile and epoxy floors.
- Telescopic base locks into any one of four different positions to extend the length of the stand for added stability when required.

**MODEL NUMBER**
- 78125A

**CAPACITY**
- 1,250 lbs.

**HEIGHT**
- 37.75"

**WEIGHT**
- 30 lbs.

**SHIPPING WEIGHT**
- 32 lbs.
ENGINE LOAD LEVELERS

**78100**

**1,000 Lbs. Capacity Engine Load Leveler**

**INTENDED USE**

Designed to attach to a crane to position heavy duty truck engines and other vehicle components.

**FEATURES (78100 / 78100i)**

- Fully adjustable engine mounting head.
- Long handle and 360 degree rotating head easily position engine.
- One bolt disassembly stand for transporting or storage.
- Heavy wall tubing prevents excessive frame flex.
- 2 rigid wheels in back and 2 swivel caster wheels in front provide maximum stability and support.

**OPTIONAL EQUIPMENT**

**Transmission Adapter**

Changes engine mounting fingers and converts engine stand into a transmission service stand. Weight: 71 lbs.

**FOLDABLE ENGINE CRANE**

**78106A**

**2,500 Lbs. Capacity Foldable Engine Crane**

**INTENDED USE**

Designed to raise, lower and transport automobile engines, transmissions, differentials and other heavy loads with minimal effort.

**FEATURES**

- Four position telescopic boom that folds down for traveling position or storage.
- 3 x 1 gear ratio with 20 foot long 1/4" diameter steel cable and hook pulls the load toward the boom.
- Witch gear design acts as a brake and allows the load to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- Hydraulically activated boom lifts the load to the desired height.
- Crane revolves 360 degrees but can be locked in position.

**ENGINE STANDS / LOAD LEVELERS**

**78108**

**1,250 Lbs. Capacity Engine Stand**

**INTENDED USE**

Same as models 78100 and 78100i but with heavier construction to handle the largest V8s.

**MODEL NUMBER**

**CAPACITY**

78100 1,000 lbs.

78108 1,250 lbs.

**INCREASE TECHNICIAN SAFETY BY LEVELING THE LOAD**

**FEATURES**

- Designed to hook to a crane or hoist to handle and position large, bulky components.
- The horizontal lift can be adjusted to compensate for off center loads, or adjusted to a certain angle for a component being positioned.
- Large adjustment handle allows for quick and easy leveling of the load.
- Can be used with NORCO Model 78106A Engine Crane.

**OPTIONAL EQUIPMENT**

**Transmission Adapter**

Replaces engine mounting fingers and converts engine stand into a transmission service stand. Weight: 71 lbs.

**ENGINE STANDS / LOAD LEVELERS**

**78115**

**1,500 Lbs. Capacity Engine Load Leveler**

**INTENDED USE**

Designed to attach to a crane to position automobile and light truck engines and other vehicle components.

**FEATURES (78115)**

- Designed to hook to a crane or hoist to handle and position large, bulky components.
- The horizontal lift can be adjusted to compensate for off center loads, or adjusted to a certain angle for a component being positioned.
- Large adjustment handle allows for quick and easy leveling of the load.
- Can be used with NORCO Model 78106A Engine Crane.

**78605A**

**3 Ton Capacity Electro / Hydraulic Floor Crane**

**INTENDED USE**

For lifting heavy items including removal and installation of diesel engines and other transmissions.

**NOTE:**

See information concerning air and hydraulic pumps on page 39.

**MODEL NUMBER**

**BOOM CAPACITY / LENGTH**

**BOOM WEIGHT**

**OVERALL DIMENSIONS**

**WEIGHT**

78601A 1/2 Ton @ 65” 125 lbs.

320 lbs.

78602A 2 Ton @ 87” 175 lbs.

300 lbs.

78603A 3 Ton @ 102” 230 lbs.

400 lbs.

**FLOOR CRANE**

**78106**

**6,000 Lbs. Capacity Engine Load Leveler**

**INTENDED USE**

Designed to attach to a crane to position heavy duty truck engines and other vehicle components.

**FEATURES (78106 / 78106A)**

- Designed to hook to a crane or hoist to handle and position large, bulky components.
- The horizontal lift can be adjusted to compensate for off center loads, or adjusted to a certain angle for a component being positioned.
- Adjustment screw can be used manually or with air tools.
- Can be used with NORCO Model 78600B or 78600A Engine Cranes.
- 5/16” Alloy Grade 80 chain.
- Position of hooks adjusts from 32” to 48”.

**OPTIONAL EQUIPMENT**

**Floor Lock**

Secures crane from moving when in use.

**FEATURES**

- Boom swivels 10 degrees right or left if base cannot be centered under the load.
- Floor lock secures crane from moving when in use.
- Quick foldable legs and boom save shop space.
- Low profile design (4-3/4” from top of legs to ground).
- 3 ton capacity hydraulic power unit provides faster raising action and a large diameter ram to withstand angle loads.
- 3/8” proof chain and hook.
- Four position telescopic boom with 20 foot long 1/4” diameter steel cable and hook pulls the load toward the boom.
- Witch gear design acts as a brake and allows the load to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- Hydraulically activated boom lifts the load to the desired height.
- Crane revolves 360 degrees but can be locked in position.

**TRUCK CRANE**

**78204A**

**1/2 Ton Capacity Truck Crane**

**INTENDED USE**

Same as the model 78108A but mounts in the bed of a truck or on a loading dock.

**FEATURES**

- Multi-boom positions and leg extensions ranging from 49” to 80” provide maximum stability.
- Boom swivels 10 degrees right or left if base cannot be centered under the load.
- Floor lock secures crane from moving when in use.
- Quick foldable legs and boom save shop space.
- Low profile design (4-3/4” from top of legs to ground).
- 3 ton capacity hydraulic power unit provides faster raising action and a large diameter ram to withstand angle loads.
- 3/8” proof chain and hook.
- Four position telescopic boom with 20 foot long 1/4” diameter steel cable and hook pulls the load toward the boom.
- Witch gear design acts as a brake and allows the load to be lowered incrementally if desired and without the need for constant hand pressure against the crank handle.
- Hydraulically activated boom lifts the load to the desired height.
- Crane revolves 360 degrees but can be locked in position.

**NOTE:**

See information concerning air and hydraulic pumps on page 39.

**MODEL NUMBER**

**BOOM CAPACITY / LENGTH**

**BOOM WEIGHT**

**OVERALL DIMENSIONS**

**WEIGHT**

78201A 1/2 Ton @ 65” 85 lbs.

14” 46.25” 180 lbs.

320 lbs.

78202A 2 Ton @ 87” 149.5 lbs.

51” 75” 710 lbs.

1,150 lbs.

78205A 3 Ton @ 102” 149.5 lbs.

51” 75” 710 lbs.

1,150 lbs.

25
**FORKLIFT JACK**

**72036D**

4 Ton Capacity

**INTENDED USE**
A jack with a low enough profile to raise forklifts.

**FEATUEARS**
- **Serrated saddle** which handles flat surfaces can be rotated out of the way so edged surfaces can be raised in the rounded lift arm cutout.
- **700 tooth handle** for ease of pumping and storage when not in use.
- Our “fingertip control” release knob provides slow, controlled, lowering of the load.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME load-limiting standard.

**ENGINE SUPPORT TOOL**

**78099**

700 Lbs. Capacity 4-Point Engine Support Tool

**INTENDED USE**
The main transverse support bar mounts on the shock strut towers to support engines. Heavier engines can be supported by using one or both front support adapters on the transverse support bar. Weight: 52 Lbs.

**FEATURES**
- Fully adjustable strut tower mounts can be positioned on the transverse support bar up to 47-1/2" apart to fit most vehicles.
- Two front support adapters can mount directly onto the transverse support bar and easily be adjusted to fit most engine compartment configurations.
- Support bar and adapters are made of lightweight steel tubing, welded together in a parallel configuration to prevent flexing and provide full length positioning of the forklifts and adapter front mounting feet.
- Three 1/2" diameter hooks 14" long and spin knobs provide strength and quick adjustment to support the engine.

**ENGINE SUPPORT**

**INEXPENSIVE HIGH QUALITY ENGINE SUPPORT**

**CAR DOLLY**

**72040B**

1-1/2 Ton Capacity

**INTENDED USE**
Passenger car tire changing.

**FEATURES**
- Combination right and left hand threaded drive screw for faster raising.
- Includes 2 piece extra long 22.5" crank handle for easier operation under load, longer reach and convenient storage when not in use.

**MECHANICAL SCISSORS JACK**

**82002C**

1-1/2 Ton Capacity Scissors Jack

**INTENDED USE**

Passenger car tire changing.

**FEATURES**
- Reduces lost-time injuries.
- Handles 15" and 16-1/2" drums.
- 35-1/2" handle for easy positioning during installation & removal.
- Rotating handle provides ease of raising and lowering drum.
- 6" diameter ball bearing wheels, semi-floating and 3/4" diameter axle provide easy maneuverability and balance of drum.
- Adjustable angle bracket secures both outboard and inboard mounted drums with disc wheel hubs to drum handler’s carriage.
- Detachable handle for convenient storage.

**SMOOTH AND EASY OPERATION**

**INNOVATIVE LIFTING POINTS**

**INEXPENSIVE HIGH QUALITY**

California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov

**INBOARD DRUM WITH DISC WHEEL HUB**

**INBOARD DRUM WITH DISC WHEEL HUB**

California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov

**NO TIRES? NO PROBLEM.**

**INEXPENSIVE HIGH QUALITY**

California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov

**FORKLIFT JACK**

**3600 Lbs. Capacity Car Dolly**

**INTENDED USE**
For easy movement of vehicles that have been rendered inoperable due to engine / transaxle removal or other mechanical problems. Free up lifts and floor jacks for other work to be performed. Used in automobile repair, collision repair, and vehicle inspection applications.

**FEATURES**
- Reduces lost-time injuries.
- Handles 15" and 16-1/2" drums.
- 35-1/2" handle for easy positioning during installation & removal.
- Rotating handle provides ease of raising and lowering drum.
- 6" diameter ball bearing wheels, semi-floating and 3/4" diameter axle provide easy maneuverability and balance of drum.
- Adjustable angle bracket secures both outboard and inboard mounted drums with disc wheel hubs to drum holder’s carriage.
- Detachable handle for convenient storage.

**SMOOTH AND EASY OPERATION**

**INNOVATIVE LIFTING POINTS**

**INEXPENSIVE HIGH QUALITY**
2.3, 5, 8, 12-1/2, 22, 35, & 60 Ton Capacity Bottle Jacks

**INTENDED USE**
For heavy duty truck, agriculture, construction, mining, mobile home, oil field, automotive, and marine applications where lifting, pushing, spreading, bending, moving, or straightening are required.

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1-1/2 & 3 Ton Capacity
Long Hand Jacks

**INTENDED USE**
Various farm applications, but primarily used as original equipment for manufacturers of shop cranes, lift tables, and any equipment requiring a long hydraulic stroke.

---

**FEATURES**
- Two piece zinc plated handle.
- Prevent rust with “Parkerized” pump piston, ram and extension screw.
- No leak “Uniweld” construction.
- 50% safety overload factor.
- State-of-the-art design reduces repair time.
- Longer wear life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Lightweight forged base provides more steel only where strength is required.
- Longer wear life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond its maximum allowable capacity.
- Parkerized coating on pump piston, extension screw and extension adapters and chrome coated ram offer protection against rust.
- Longer wears life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/PASE load-limiting standard.
- Carrying handle.

**ADDITIONAL FEATURES**
- 12-1/2 and 22 Ton Capacity
- All other features excluding extension screw.

**LONG HAND JACK FEATURES**
Same as bottle jack features but designed with larger hydraulic units and larger ram diameters to withstand side loads.
- Larger diameter pump pistons for faster rising action.
- “Parkerized” and finish chromed pump pistons inhibit rust.

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<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>LIFT HEIGHT Low</th>
<th>STROKE</th>
<th>SCREW EXTENSION</th>
<th>BASE SIZE</th>
<th>CARRY HANDLE</th>
<th>SHIPPING WEIGHT</th>
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<td>76502B</td>
<td>2 Ton</td>
<td>7.13”</td>
<td>14.5”</td>
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<td>18.9”</td>
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<td>20.2”</td>
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<td>7.44” x 6.31”</td>
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**MORE QUALITY FEATURES IN A UNIQUE DESIGN**
- Fast efficient air pump reduces lifting time and has a built in relief mechanism which prevents the jack from being used beyond its maximum allowable capacity.
- Convenient push button air valve connected to an in-line filter prevents contaminates from entering the air hydraulic system.
- Unique design allows for manual operation when air is not available.
- Two piece zinc plated handle.
- Parkerized coating on pump piston, extension screw and extension adapters and chrome coated ram offer protection against rust.
- Longer wear life due to internally machined oil passages, smooth bearing surfaces and close tolerances.
- Safety bypass and overload systems prevent cylinder damage and prevent the jack from being used beyond the ASME/PASE load-limiting standard.
- Carry handle.
**WELDED FRAME MEANS NO ASSEMBLY REQUIRED**

### 12-1/2 Ton Capacity Hand Pump Operated

**78013B**
- Capacity: 12.5 Ton
- Travel: 5.875" (41.75 Tonne)
- Weight: 40 lbs.

**78022E**
- Capacity: 22 Ton
- Travel: 7.125" (75 Tonne)
- Weight: 60 lbs.

**78024**
- Capacity: 25 Ton
- Travel: 7.125" (75 Tonne)
- Weight: 70 lbs.

### 25 Ton Capacity Air / Hydraulic Pump Operated

**78024**
- Capacity: 25 Ton
- Travel: 7.125" (75 Tonne)
- Weight: 70 lbs.

### Optional Equipment:

**78060** Accessory Kit for 50 Ton Capacity Shop Presses
- Weight: 147 lbs.

**78111A** 100 Ton Capacity Air / Hydraulic Pump Operated
- Weight: 153 lbs.

**78110C** 100 Ton Capacity Electro / Hydraulic Pump Operated
- Weight: 153 lbs.

**78056A** Arbor Plates
- Used with 50 ton capacity presses.
- Weight: 108 lbs.

**78057A** Arbor Plates
- Used with all 50 ton capacity presses.
- Weight: 108 lbs.

**78058A** Arbor Plates
- Used with model 78110C shop press.
- Weight: 153 lbs.

**78055A** 2-Speed Hand Pump Operated
- Heavy duty use in truck garages and industrial workshops.
- Note: See page 18 for additional information on pumps.

**78058** 2-Speed Hand Pump
- Heavy duty use in truck garages

**78078** 6.25" Stroke w/ 910140 Air/Hyd. Pump
- Electro / Hydraulic Pump

**78110C** 100 Ton Capacity Electro / Hydraulic Pump Operated
- Heavy duty use in truck garages and industrial workshops.
- Note: See page 18 for additional information on pumps.

**78013B** (12-1/2 TON)
- Model not shown has same basic construction as model pictured.

**78022E (shown)** (22 TON)
- Model not shown has same basic construction as model pictured.

**78024** (25 TON)
- Model not shown has same basic construction as model pictured.

**78056A** Arbor Plates
- A pair of 1" x 4" x 10" long steel plates with "V" cutout on one edge and circle cutout on the other. For 12, 12-1/2, 20, 22 & 25 ton capacity presses only.
- Weight: 20 lbs.

**78057A** Arbor Plates
- Used with 50 ton capacity presses.
- Weight: 108 lbs.

**78058A** Arbor Plates
- Used with model 78110C shop press.
- Weight: 153 lbs.

**78060** Accessory Kit for 50 Ton Capacity Shop Presses
- Weight: 147 lbs.

**78061** Arbor Plates
- "V" Diameter face designed to work with NORD2 75, 12, 12-1/2, 20 & 22 ton presses.
- Weight: 2 lbs.

**78022** Hydraulic Gauge
- Fits 8" Diameter face designed to work with NORD2 75, 12, 12-1/2, 20 & 22 ton presses.
- Weight: 2 lbs.

**78013** (12-1/2 TON)
- Model not shown has same basic construction as model pictured.

**78022E (shown)** (22 TON)
- Model not shown has same basic construction as model pictured.

**78024** (25 TON)
- Model not shown has same basic construction as model pictured.

### Features:

- Welded frame, fully assembled, tested, and ready to put to work.
- Manual pump power unit with "Parkardized" pump piston, ram and extension screw to inhibit rust from entering the hydraulic system.
- Pair of bed plates included.
- Shielded heavy duty ram return springs.
- Power unit is bearing mounted for horizontal movement on head channel.
- Zero distortion, heavy-duty structural steel frame.
- Optional equipment below can be used on model 78022E press. Model 79033 arbor plates and model 78023 bearing puller below can be used on model 78013B press.

### Optional Equipment:

**A.** MODEL 78056A - Arbor Plates
**B.** MODEL 78059 - Threaded Adapter
**C.** MODEL 78061 - Ram Cap
**D.** MODEL 78062 - "V" Pushing Adapter
**E.** MODEL 78063 - 1" Diameter Ram
**F.** MODEL 78064 - 1-1/4" Diameter Ram
**G.** MODEL 78066 - Bearing Puller
**H.** MODEL 4510043 - Adapter

**NOTE:** Models not shown have same basic construction as model pictured. Individual photos and details on construction as model pictured. Models not shown have same basic construction as model pictured.
**IMPORT 82999A1**

**10 Ton Capacity**

**INTENDED USE**
Truck and farm equipment dealer garages, heavy duty construction repair shops and bus company garages.

**FEATURES**
- Three-way heavy duty air valve provides fine control when lifting or lowering a vehicle.
- Automatic safety lock engages in six different height positions independent of air pressure.
- Designed for lifting entire front or rear of a vehicle.
- Front swivel caster wheel and two 12-1/4” diameter pneumatic rear tires provide easy maneuverability.
- Adjustable lifting saddles can be raised and extended to desired position.

**OVERALL DIMENSIONS**
- Length: 81.75”
- Width: 44.75”
- Height: 50”
- Weight: 817 lbs.

**trucks and buses**

**APPLICATIONS**
- Garages / repair shops of truck, farm equipment, construction equipment and bus companies.
- Particularly useful on vehicles requiring single point contact.
- For crowded conditions that require single point contact.

**PERFECT FOR LIFTING TRAILERS**

**BEST FOR AG EQUIPMENT APPLICATIONS**

---

**LONG REACH AIR LIFT JACK**

**8-1/2 Ton Capacity**

**INTENDED USE**
For truck, bus, farm equipment and motor home applications where a long reach jack is required to lift at the vehicle bumper, frame or front axle.

**FEATURES**
- Three-way heavy duty air valve provides fine control when lifting or lowering a vehicle.
- Automatic safety lock engages in six different height positions independent of air pressure.
- Includes extension tubes and adjustment pins for added height requirements.
- Two 12-1/4” diameter solid wheels are strategically located for better positioning and maneuverability.
- Scissors action frame design with four 2-1/2” diameter steel wheels provides maximum stability during lifting and lowering.
- Large air cylinder requires only 100 p.s.i. air pressure to lift 5 ton capacity.
- Over four feet of reach between cylinder and center line of lifting saddle.

**OVERALL DIMENSIONS**
- Length: 82.75”
- Width: 35.75”
- Height: 50”
- Weight: 935 lbs.

---

**TRUCK RAMPS**

**Pair of Truck Ramps 20 Ton Capacity**

**INTENDED USE**
Elevate front or rear of vehicle for access to frame and components. Particularly useful on vehicles with low profile or ground effects.

**FEATURES**
- Handles tires with up to 16” tread widths.
- Telescopic, 36” handle extends and lifts up to expose wheels for easy maneuverability around the shop. Retracts for easy storage.
- Perforated holes in ramps provide traction for the tires.
- Non-skid rubber base pads prevent slippage when driving onto or off of ramps.

**OVERALL DIMENSIONS**
- Length: 150.5”
- Width: 18.375”
- Height: 9.25”
- Weight: 346 lbs.

---

**PORTABLE AIR LIFT JACKS**

**10 Ton Capacity**

**INTENDED USE**
Garages / repair shops of truck, farm equipment, construction equipment and bus companies. May be used in pairs. Ideal for crowded conditions that require single point contact.

**FEATURES**
- Three-way heavy duty air valve provides fine control when lifting or lowering a load.
- Extension tubes and detent pins offer multiple lifting heights.
- Unit easily maneuvered on two 8” diameter rubber tread wheels.
- Removable handle and air hose for remote safe positioning and operation.
- Lifting saddle with serrated surface (82990C only) and locating lugs.

**OVERALL DIMENSIONS**
- Length: 67.75”
- Width: 34.72”
- Height: 50”
- Weight: 204 lbs.

---

**15 Ton Capacity**

**MODEL NUMBER**
82990C

**CAPACITY**
82990C (shown)

**OVERALL DIMENSIONS**
- Length: 67.75”
- Width: 34.72”
- Height: 50”
- Weight: 317 lbs.

---
### ROLLING LIFT BRIDGE

**3 Ton Capacity Air / Hydraulic Pump Operated Rolling Lift Bridge**

**Features:**
- Enables the Rolling Lift Bridge higher than its lowest point.
- Enables the Rolling Lift Bridge to roll on flat surfaces. Weight: 1.2 lbs. per set of 4.

**Bracket Kit**

**Weight:** 12 lbs. per set of 4.

**Bracket Kit Dimensions:**
- 96.5" long, 39.75" wide

*NOTE: The model 793260 flat-end or model 79335 D hook-end adapter kits must be ordered separately to connect the universal mounting bracket to the lift rail.*

**Multiple Price Points with Cast or Forged Steel Adapters**

### PORTABLE MID-RISE LIFT

**55" Mid-Rise Lift 6,000 Lbs. Capacity**

**Features:**
- Portable today supplies the pump and maneuver the lift from one service bay to another.
- Twin hydraulic cylinders and scissors lift design provide maximum support and stability.
- Hydraulic velocity fuses allow slow release of lift in the event of hose or hydraulic component damage.
- Twin hydraulic cylinders and scissors lift design provide maximum support and stability.
- 4-1/2" hose and 12-1/2" release cable.

**Features:**
- Fast and efficient operating pump powered by a 1 hp, 115 volt motor (1 year warranty on pump and motor).
- 5-1/2" low height for easy drive on and off vehicle.
- Mechanically stop prevents accidental lowering of bridge.
- Twin hydraulic cylinders and scissors lift design provide maximum support and stability.
- Used in quick lube pit applications

**NOTE:**
- Collision / Maintenance Repair Kits
- Intended use for collision repair, industrial and construction applications where convenience of hydraulic power can be utilized for spreading, clamping, pushing and lifting operations.

**Collaboration / Maintenance Repair Kits**

*4 Ton Capacity Kit (Forged Adapters)*

*10 Ton Capacity Kit (Cast Adapters)*

*20 Ton Capacity Kit (Forged Adapters)*

**Model 92020A Kit Includes:**
- **Steel Case (5 oz. of)**
- **2 Speed Pump (w/ Gauge)**
- **5 Hose**
- **RAM, 5" Stroke**
- **3-1/2" DIA. SADDLE (2)**
- **Threaded Coupler (3)**
- **Toe Lift**
- **Wedge Head**
- **Wedge Head**
- **Steel Case (2 of)**
- **3-1/2" Extension Tube (2)**
- **3-1/2 Extension Tube (2)**
- **3 Extension Tube**
- **10 Extension Tube**
- **20 Extension Tube**
- **20 Extension Tube**
- **6-1/2" DIA. BALE (2)**

**Adapters**

For higher frame class classic vehicles, includes 4-1/2" extension adapters for use with standard rubber lifting pads included with the 86002A. Weight: 18 lbs.

**Features:**
- Two steel cases with hardened ball bearings and ease of carrying.
- All the same features found in the 4 ton kits.
- Same as 4 ton kits but for heavier jobs such as automotive frame straightening.

**Cast & forged adapter components vary in size and are not interchangeable.**

*Intended Use*:
- Collision repair, industrial and construction applications

*California Residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov*
HEAVY DUTY CYLINDERS DESIGNED IN THE U.S.A.

**INTENDED USE**
For many applications including shop, agricultural, automotive, truck service needs and construction maintenance applications where lifting, pushing, pulling, bending or holding may be required.

**SINGLE-ACTING CYLINDER FEATURES**
- High flow quick connecting coupling and dust cap included on all models.
- Unique piston and cylinder bearings absorb eccentric load stresses in order to protect the cylinder against abrasion, over-extending and wearing.
- Sealing by oring on most cylinder pistons inhibits rusting.
- Baked enameled exterior finish for increased corrosion resistance.
- Polyurethane seals and wipers provide high cycle life.
- Heavy duty return springs provide consistent performance.
- Cylinders comply with ANSI B 30.1.

**DOUBLE-ACTING CYLINDER FEATURES**
- Same as the standard cylinders but have the ability to pull as well as push UNDER POWER.
- IMPORTANT: Double-acting cylinders can only be used with the 4-way valve hand pump model 923014 found on page 39.
- Built-in safety valve prevents over pressurization.

**NOTE:**
Materials not shown have same basic construction as manufactured.

**WEDGE RAM FEATURES**
- Jaws open from 3/8” to 3-11/16” so ram can be used in very confined work areas.
- Spring retraction jaws.

**COMPATIBILITY CHART**

**HYDRAULIC CYLINDERS (Page 36)**

**PUMPS**

<table>
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<tr>
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<td>8.70</td>
<td>8.70</td>
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<td>10.13</td>
<td>160 lbs.</td>
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</table>

**HEAVY DUTY CYLINDERS**

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California residents - These products may contain a chemical known to cause cancer or reproductive harm. www.P65Warnings.ca.gov
**910017B & 910018B FEATURES**
- Designed to utilize exhaust air to help power the pump, requiring only 80 PSI air pressure to develop 10,000 PSI hydraulic pressure.
- Air exhaust muffler for quieter operation.
- Air and oil inlet filters for reduced risk of damage from contamination.
- Designed with durable lightweight, corrosion resistant plastics.
- Foot pedal provides hands free pumping and release of load.
- Designed to be used with a single-acting cylinder.
- Internal pressure relief valve for overload protection.
- Model 910018B has two-gallon capacity steel reservoir body.

**910130A & 910140 FEATURES**
- Same as the model 910017B and 910018B but with added features:
  - The model 910150A pump is equipped with a more durable aluminum reservoir.
  - Both models 910130A and 910140 come with two different size poppet valves that can be quickly and easily installed. Poppet valves reduce the return flow of oil back to the pump’s reservoir providing a safer controlled lowering of load.

**910165 FEATURES**
Same as above models, but is hand operated and provides finer control of raising or lowering loads.

**910020**

**3,250 P.S.I. Capacity Air / Hydraulic Hand Pump**

**INTENDED USE**
Same as the model 910017B, but with a steel reservoir body, a manually activated push button for pumping and a lever for release of load. The pump operates in all positions for increased versatility in use and mounting.

**910019B FEATURES**
- Two-speed design reduces cycle times for improved productivity.
- Single-phase 115 VAC, 1 hp induction motor will start at full load and stand up to continuous duty applications. Requires a steady power supply.
- 10 foot pendant controls the motor operation.
- LCD display provides a number of diagnostic and readout capabilities.

**910052A FEATURES**
- Lightweight and compact design.
- High strength molded shroud with integral easy-carry handle protects motor from contamination.
- 1/15 HP, 1/2 hp motor operates on voltages as low as 60 volts.
- 10 foot pendant for operator safety.
- Two-speed motor design with 3-way 2 position valve for use with single-acting cylinders.

**NOTE:**
- All electrical motors are warranted against defects in material and workmanship for one year from the date of user’s purchase.

**ELECTRO / HYDRAULIC PUMPS**

**910019B**

**10,000 P.S.I. Capacity “Z” Series**

**910052A**

**10,000 P.S.I. Capacity**

**INTENDED USE**
Same as for the air/hydraulic pumps but will handle single-acting cylinders up to 100 ton. The added convenience of an electro-hydraulic pump reduces pumping time and effort.

**NOTE:**
- All electrical motors are warranted against defects in material and workmanship for one year from the date of user’s purchase.
### INTENDED USE

These heavy-duty hoses and couplers are used to join pumps and cylinders together (see pages 36-39).

### FEATURES

- **Heavy-duty rubber hoses rated at 10,000 P.S.I.** meet IJ-100 specifications. Hoses are rubber coated with 2 layers of braided steel and offer flexibility with little memory. Strain relief type fittings are crimped on for improved life and durability.

- **Quick connect 3/8” high-flow couplers** allow fast set-up of hydraulic systems. All couplers include two-in-one dust cap for use on male and female coupler halves.

### Bases, Saddles & Attachments

**910043A & 925142A**

Heavy-duty bases provide firmer and more stable footing for cylinders.

**910044A & 925143A**

Threaded male connectors adapt bases to the cylinders.

**910046A & 925141A**

Grooved saddles protect the cylinder ends and provide a better gripping surface.

**910048** & **925148**

Base attachments are bolted to the bottom of the cylinders and are internally threaded to receive other attachments.

### Hoses & Couplers

**910035A** & **910036A**

6.5’ Long Hose

Three heavy-duty hoses and couplers are used to join pumps and cylinders together.

**910037A**

Coupler, Hose Half

**910038A**

Coupler, Cylinder Half

**DESCRIPTION**

- 6.5” Long Hose
- 10’ Long Hose
- Coupler, Hose Half
- Coupler, Cylinder Half

**CAPACITY**

- 10,000 P.S.I.

**HOSE OR COUPLER I.D.**

- .375"

**CONNECTION**

- 1.25” NPT Male
- 2” x 11.5” Female

**WEIGHT**

- 4.5 lbs.
- 7 lbs.
- 1 lbs.

### CAUTION!

When cylinders are used with maintenance set attachments or components, the maximum system pressure must be limited to half the rated pressure (5,000 P.S.I.).

**Flow Control Valve**

Manually adjusted fine metering valve rated at 10,000 P.S.I. that fits between the pump and cylinder. The valve controls the flow of oil returning to the reservoir when pressure is released. Valve includes 3/8”NPT male and female connections. Weight: 1 lb.
LIMITED LIFETIME WARRANTY Effective: February 25, 2010

NORCO Professional Lifting Equipment’s products and parts are warranted against defects in materials and workmanship for the life of the product or the part.

This warranty is expressly limited to persons who purchase NORCO products or parts for the purpose of resale or use in the ordinary course of the buyer’s business.

This warranty does not cover any product or part that has been abused, misused, worn out, neglected, ground or otherwise altered, used for a purpose other than for which it was intended, or used in a manner inconsistent with any instructions regarding its use. In addition, this warranty does not cover any chains, batteries or electric motors, which are sold with NORCO products. All electric motors are separately warranted by their manufacturer under the conditions stated in the separate warranty.

This warranty is exclusive and NORCO makes no other warranty of any kind whatsoever, express or implied, with respect to the specified products or parts manufactured and/or sold by it, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose or any other matter. No agent, employee or representative of NORCO, or any other person, has authority to bind NORCO to any affirmation, representation or warranty concerning NORCO products or parts except as set forth herein.

If any NORCO product or part is determined by NORCO, in its sole judgment, to be defective, NORCO will, at its option, either repair or replace such defective product or part.

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