

**TOOLWEB**<sup>SM</sup> an **ISN** company

# TOOL BOOK

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Power Probe Tek

**K TOOL**  
INTERNATIONAL

**XD**



**ATLAS**  
PLATINUM







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## STEERING & SUSPENSION

### Power Steering Testers & Bleeders



#### STATU22

##### Power Steering and Rack Tester

- Made to detect defective power steering pumps and gears, plus kinked or clogged lines
- Dual 2-1/2 in. easy-to-read gauge records pressure from 0-2000 PSI and 0-140 bar
- Adapters included
- Includes most adapters to test domestic cars and light trucks, and some imports
- The 2-1/4 in. gauge has a dual scale dial with ranges from 0 - 2000 psi and 0 - 140 bar



#### SGT34650

##### Power Steering Tester

- Gives fast, accurate power steering analysis
- Test for defects in power steering pumps, gears and lines
- Large heavy duty gauge reads from 0-2,000 PSI and 0-140 BAR
- Use to rule out power steering problems before expensive suspension or steering linkage problem is attacked
- Includes 13 adapters and instructions



#### OTC5079

##### Heavy Duty

##### Power Steering Pump Analyzer

- Troubleshoots problem components in a heavy-duty power steering system
- Flow and pressure reading meter measures both 1 to 10 gallons oil flow and up to 3,000 PSI of pressure
- When connected in line, this universal analyzer will isolate the failed components in just minutes - there is no wasted time as in trial and error methods

This set is complete with high pressure hoses, 9/16"-18 standard fittings, and quick disconnect couplers to handle Eaton/Vickers, TRW, Ross, and Shepard power steering systems.

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#### THX212

##### Power Steering Fluid Bleeder

- Bleeds air from power steering fluid systems
- Product is compatible with most makes and models of vehicles with power steering fluid
- Tapered adapter allows for use on most makes and models
- 2' hose gives added length for different applications
- 32 oz bottle is sufficient for most applications

## STEERING & SUSPENSION

### Power Steering Bleeders & Adapters



#### MITMVA661

##### GM Power Steering Bleed Adapter

- Custom design to fit late model GM vehicles
- Aids in eliminating trapped air from GM power steering system
- Designed for use with Mityvac Hand Pump
- 90-degree adapter fitting available
- Non-slip design for easy installation



#### MITMVA662

##### Ford Power Steering Bleed Adapter

- Custom designed to fit late model Ford vehicles



#### MITMVA660

##### Power Steering Adapter

- Removes trapped air from automobile power steering systems
- Ideal upgrade for any Mityvac hand pump kit
- Adapts to the varying diameters of many automotive power steering reservoirs to form an airtight seal when vacuum is applied
- Reduces bleed time following power steering repairs
- Once the adapter is installed and a Mityvac hand vacuum pump is connected, the air bubbles can be loosened by simply working the steering



### Power Steering Pump Pulley Tools



#### KIT170300

##### Pulley Puller and Installer Set

- Removes and installs most power steering and alternator pulleys on domestic vehicles
- Works with traditional V-shaped pulleys and serpentine belt system pulleys

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#### KIT170350

##### 2/3 Jaw Universal Pulley Puller - 5 Ton

- Five ton reversible puller easily removes and installs pressed-on power steering, alternator and air pump pulleys
- Includes five-ton reversible puller that can be used as 2 or 3 jaw puller in 8 different combinations

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#### KDT2897

##### Alternator Pulley Puller and Installer Set

- Remove pressed - on alternator and power steering pulleys on late - model GM, Ford and Chrysler engines
- The threaded end installs late - model GM alternator and power steering pulleys, including Quad 4
- Reverse the jaws to pull the alternator internal bearing
- The puller fits some AMCS





## STEERING & SUSPENSION

### Power Steering Pump Pulley Tools



#### AST7874

##### Pulley Puller and Installer Kit

- Removes pressed on alternator and power steering pulleys on late model GM, Ford and Chrysler engines
- Installs late model GM alternator and power steering pulleys including Quad 4

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#### KAS5238

##### Master Power Steering Pump / Alternator Pulley Remover Installer Kit

- Designed to remove and install press-on-type belt driven accessory pulleys found on most vehicles
- Kit includes components necessary to remove and install pulleys on pumps with the common 3/8-16 threaded shaft
- Unique interchangeable component removes and installs pulleys on GM Quad 4, GM 3.1 L, and Ford 4.6L engines
- Designed to be used with either hand tools or an impact gun
- Kit includes an instruction pamphlet with detailed diagrams

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#### KDT41560

##### Power Steering Pump Pulley Kit

- Removes and installs power steering pump pulleys off most domestic vehicles
- Includes the necessary adapters for servicing GM 3.1 L, 3100, 3400, and 3800 V6 engines, GM 2.3L Quad 4 four cylinder engines and Ford 4.6L, 5.4L, and 5.8L modular V8 engines
- Fits pulley hubs with diameters of 1-1/8", 1-1/4", 1-5/16", and 1-3/8"
- Includes quick disconnect tool for GM 1/2, 3/4, and 1 ton pickups
- Includes KDT3893 Disconnect Tool; KDT41561 Bushing and Screw Set and the KDT41562 Bushing and Screw Set



## STEERING & SUSPENSION

### Power Steering Pump Pulley Tools



#### **OTC4530 Power Steering Pump Pulley Service Set**

- Complete set of tools required to remove and install power steering pump pulleys of most domestic vehicles
- Fits pulley hubs with diameters of 1-1/8", 1-1/4", 1-5/16" and 1-3/8"

Includes the necessary adapters for servicing: GM 3.1 L, 3100, 3400, and 3800 V6 engines, GM 2.3L Quad 4 four-cylinder engines and Ford 4.6L, 5.4L, and 5.8L modular V8 engines.



#### **OTC4681 Power Steering Pump/Alternator Remover/Installer Tool**

- Reversible 2-in-1 tool removes and installs press-fit alternator and power steering pump pulleys
- Also removes and installs other press-fit pulleys with a hub diameter of 1-1/8" (28mm), 1-1/4" (32mm), 1-5/16" (34mm), or 1-3/8" (35mm)



#### **OTC7005 Power Steering Pump Pulley Replacer**

- Designed to ensure damage-free installation
- Threads are 3/8"-1 6 to fit the threads of the pulley shaft
- Internal roller bearing allows for easy turning
- An ideal companion to the OTC7185



#### **OTC7771A Ford Power Steering Pump Pulley Installer**

- Installs power steering pump pulleys on 1992-newer Ford Crown Victoria and Mercury Grand Marquis with 4.6 V8 engine, 1997-newer Ford truck with 4.2 and 4.6 V6, 5.4 V8, and 6.8 V10 engines
- 8 mm x 1.25" threads fit Ford's C111 pump



#### **LIS39000 No Slip Pulley Puller**

- Removes and installs pressed on power steering, alternator and air pump pulleys without slipping
- The unique puller body completely houses the pulley hub to prevent slipping on even the tightest pulleys
- Fits most domestic models including GM 3.1 and Quad 4 engines
- Works on traditional V shaped pulleys and serpentine belt system pulleys



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## STEERING & SUSPENSION

### Steering Wheel Tools



#### OTC7984

##### Master Steering Wheel Service Set

- Covers all lock plates and steering columns
- Covers tilt and telescoping steering wheels with or without air bags
- Includes a forged puller flange with 5 sets of hardened hex head bolts for 2 or 3 way pulling configurations
- Includes a set of steering wheel puller legs for steering wheels without tapped holes and a steering wheel pivot pin remove

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#### KDT41620

##### Steering Wheel Puller Kit

- This kit removea a steering wheel from most domestic and import cars with or without telescoping tilt columns
- Use the puller legs with the steering wheel puller to remove steering wheels on late model GM vehicles
- Steering wheel lock-plate depressor also included

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#### KT170330

##### Steering Wheel Puller

- Prevents damage to steering shaft threads
- Puller will remove steering wheel from most passenger cars and light/medium duty trucks
- Complete with five sets of side bolts
- Weight: 2.3 lbs.



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#### KT170348

##### Steering Wheel Puller

- Prevents damage to steering shaft threads

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## STEERING & SUSPENSION

### Tie Rod Tools



#### KT171519

##### Tie Rod End Tool

- Turns smooth tie rods easily
- Able to remove inner tie rod without removing the outer tie rod
- Inexpensive and effective way to turn smooth tie rod ends
- Simply slide tool over the end and tighten collar to allow access without an extension
- Lifetime warranty

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#### LIS45750

##### Inner Tie Rod Tool

- Includes 1-1/2" crow's foot for Chevrolet Colorado and GMC Canyon
- Works on the inner tie rods with inaccessible wrench flats

Many inner tie rod end sockets do not have a complete hex on the full length of the socket. The rounded socket ends prevent access to the wrench flats. The 45750 tool utilizes six crow's feet, sizes 1-1/2", 1-3/16", 1-1/4", 1-5/16", 1 7/16" and 33.6mm, to engage the wrench flats. The long socket then slips over the tie rod end and connects to the crows foot.

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#### LIS46280

##### 32.5mm Crow's Foot for Inner Tie Rod

- Works on the inner tie rods with inaccessible wrench flats
- Fits '04 Escape AWD, '05-'06 Escape 2WD and 4WD
- Fits 04-05 Focus
- Fits '99-'02 Cougar with 14" or 15" wheels
- Fits '05-'06 Mercury Mariner 2WD and 4WD

This Crow's Foot is for use with 45750 inner tie rod tool. Fits many Ford applications.

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#### LIS54500

##### Large Inner Tie Rod Tool

- Fits a lot of newer trucks and SUVs
- Fits both domestic and import
- Longer socket than the 45750 fits newer trucks and SUVs
- Of this style inner tie rod tool, the only one on the market
- Patent design has a retainer ring that makes sure the wrench won't slip

Removes and installs inner tie rods with inaccessible wrench flats on many trucks and SUVs. Fits Toyota, Nissan, Ford, Lincoln, Mercury, and Chevrolet truck and SUV applications. Four crowsfoot sizes 33.6mm, 1-7/16", 38.4mm, and 42mm.

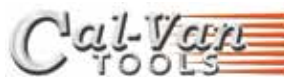


#### LIS46800

##### Master Inner Tie Rod Set

- Includes all 9 crowsfeet to work on many applications
- The long socket slips over the tie rod end and the crowfoot engages on the socket for easy removal and installation
- The inner tie rod can be removed and installed without removing the rack
- Sizes: 29mm, 1-3/16", 1-1/4", 32.5mm, 1-5/16", 33.6mm, 1-3/8", 1-7/16" and 1-1/2"

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#### CAL946

##### Inner Tie Rod Removal Tool

- Easily turns smooth inner tie rod ends, as well as tie rod ends with flats
- Allows user to remove inner tie rod without removing the outer tie rod
- Low profile design to fit into tight spaces

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## STEERING & SUSPENSION

### Tie Rod Tools



#### MAY29910

##### The Speedy, Universal Inner Tie Rod Tool

- Patented roller and cam mechanism grips securely on round, hexagonal and octagonal tie rods
- Extended working diameter range: 35mm - 45mm / 1-3/8" - 1-3/4"
- Works on 99% of inner tie rod models
- Accommodates most every length and diameter of tie rod
- No fussing with separate, loose attachments

The patented roller and cam mechanism adapts itself automatically to every kind of shape and diameter of the inner tie rod. The SPEEDY slips on easily, does away with fumbling for separate size attachments: saving you time and money!



#### MAY29915

##### Tie Rod Tool Repair Kit

- Replaces the rotating mechanism in the 29910 Tie Rod Tool
- Designed for quick and easy replacement
- Please refer to the instructions packed with 29910
- High quality design • Made in France



#### PBT70897

##### Steering Rack End Wrench

- Service all inner tie rod ends
- Suits multiple rack ends and sizes: hex drive, round with two drive flats and round with no drive flats
- Use on vehicles with limited access to avoid need to remove the rack assembly
- Cam design increases force as load is applied
- Reduces repair time and prevents damage to rack components

Suits rack end diameters from 33mm (approx 1-5/16") to 41mm (approx 1-9/16"). 19mm (3/4") hex drive



#### PBT70950

##### Heavy Duty Wrack Wrench

- New larger size provides coverage for domestic and import light trucks and SUV's
- Suits multiple rack ends and sizes (hex, round with two flats, round with no flats)
- Fixed position rings provide added strength
- Patented cam design increases force as load is applied
- Universal design suits inner tie rods from 38mm (1-1/2") to 48mm (1-7/8")



#### OTC7503

##### Outer Tie Rod Remover

- Handles up to 5 tons of knuckle twisting force
- Jaw reach is 3" with a spread of 3"
- Can be used to separate lower ball joints on import FWD vehicles
- It works on imported and domestic models, front or rear wheel drive, cast or stamped-steel steering knuckles



#### OTC6084

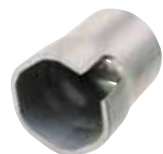
##### Tie Rod Adjusting Tool

- Adjusts Pitman arms on heavy duty 3/4 and 1 ton trucks with 1-7/16" diameter adjusting sleeves

#### OTC6065

##### Tie Rod Socket for Medium-Duty Trucks

- Accommodates a 1/2" drive impact wrench



Removes tie rod ends on Chrysler, Ford, and GM 1-ton trucks. It also works on many medium-duty trucks, Class 2 through 6.

## STEERING & SUSPENSION

### Tie Rod Tools



#### OTC7023

##### Universal Tie Rod Adjusting Tool

- Permits 360 degrees rotation of sleeve for required adjustment
- Four-position feature lets you locate tool to grip sleeve properly, even when access is limited
- Universal services most models of compact and standard-size passenger cars and light trucks

#### OTC7315A

##### Tie Rod End Remover

- Redesigned to use on imports and many front wheel drive vehicles, including SUVs with rack and pinion steering
- Live center tip on forcing screw swivels to align tool to tie rod stud to ease in removal and prevent damage to stud



#### KT171518

##### Tie Rod End Tool

- Redesigned to use on imports and any front wheel drive vehicles, including SUV with rack and pinion steering
- Live center tip on forcing screw swivels to align tool to tie rod stud to ease in removal and prevent damage to stud
- Covered by a lifetime warranty

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#### STC71465

##### Tie Rod Pliers

- Tie Rod Pliers' unique design with a socket end and pointed spindle end allow easy wheel pivoting
- Tough alloy steel C-Clamp locking pliers provide a quick temporary steering repair for vehicles
- Tie Rod Pliers provides temporary fix by reconnecting the ball and socket tie rod ends



#### KT171561

##### Pitman Arm Puller, Ball Joint Separator, Tie Rod and Front End Service Tool Kit

- Professional front end service tool set makes it easy to separate pitman arms, tie rods, and ball joints without damage
- 5 tools are in different shapes and sizes and can remove even the most stubborn ball joints/ tie rods/ pitman arms
- Made of heat-treated alloy steel for strength and durability
- All tools are packed in a convenient ABS carrying case
- Individual pieces covered by a lifetime warranty

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## STEERING & SUSPENSION

### Tie Rod/ Pitman Arm Tools



#### OTC6275

##### Tie Rod/Pitman Arm Adjusting Set

- Accommodates 1/2" drive ratchet or breaker bar
- Packaged in a blow molded case

Set includes: OTC7095 – For compact cars with 3/4" diameter adjusting sleeves; OTC7096 – For full size cars with 7/8" diameter adjusting sleeves; OTC7097 – For light trucks with 1-1/8" diameter adjusting sleeves; OTC6274 – For Ford 3/4-ton and 1-ton trucks with 1-13/16" diameter adjusting sleeves; OTC6084 – Pitman arm adjusting tool for Ford F-250 thru F-450 trucks with 1-7/16" dia . adjusting sleeves.



#### AST7802

##### Tie Rod/Pitman Arm Adjusting Tool Set

- Special tool design facilitates 360° rotation of adjusting sleeve in tight areas
- Accommodates 1/2" drive ratchet or breaker bar
- Blow molded case for easy storage and transport

Kit includes: 1 piece Pitman arm tool and 4 piece tie rod tools.



#### KT170360

##### Pitman Arm Puller

- Tool provides steady, smooth pull of a screw type puller needed for bigger jobs
- Heavy duty yoke is drop forged from alloy steel
- Both yoke and center screw are heat treated
- Weight: 2.1 lbs.



#### KT170365

##### Professional Pitman Arm Puller



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#### LIS41900

##### Pitman Arm Puller

- Heavy duty puller works on most cars and trucks
- Designed to work on even the most stubborn Pitman arm pulling jobs
- Position puller jaws over Pitman arm and turn center screw to free Pitman arm
- Puller body is drop-forged and heat-treated for strength



#### LIS41970

##### Pitman Arm Puller

- For 2005 and later Ford F250, F350
- Jaws are forged and heat-treated
- Heavy duty puller for large pitman arms



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#### OTC6496

##### Pitman Arm Puller

- Compact design
- Live center on forcing screw and easy use of a standard wrench results in less effort required
- Tool is forged steel for durability and long life



Works on the following four-wheel-drive vehicles:

- 1998 - 2002 Lincoln Navigator
- 1997 - 2002 Ford F-150 and Expedition
- 1991 - 2001 Oldsmobile Bravada
- 1991 - 2001 S10/S15 GM Trucks and Blazers
- 1992 - 2002 Suburban
- 1988 - 2002 GM and Chevy 1/2-, 3/4- and 1-ton pickups
- 1992 - 2002 Chevy Tahoe and GMC Yukon

## STEERING & SUSPENSION

### Pitman Arm Tools



#### OTC7310A Pitman Arm Puller for Medium and Heavy Duty Trucks

- Designed for the toughest Pitman arm jobs
- Adjustable and have rugged forged jaws shaped to fit the job
- Two clamp bolts lock the jaws on the Pitman arm ensuring a solid grip
- Includes an adapter for added versatility
- Covers a variety of pulling jobs
- Maximum jaw spread: 2-1/4"



#### OTC7311A Pitman Arm Puller for Cars and Light Trucks

#### OTC6497 Super Duty Pitman Arm Puller

- Pitman arm can be removed while steering gear is on vehicle
- 3-1/4" spread handles the large Pitman arms
- 2 clamp bolts lock the jaws for secure grip
- Works on 2005-current Ford Super Duty trucks, F-350 and F-450



TIG10385



TIG10389

#### Pitman Arm Pullers

- Eliminates dangerous hammering and cutting torch methods
- May be used with up to a 3/4" impact tool
- High strength steel casting designed for high-capacity pulling

#### TIG10385 - Sheppard M100 Style

#### TIG10389 - Sheppard M110 Style



#### TIG20175 Pullers 10102, 10803 and Case

- Features two of our most popular tools for servicing heavy-duty drivelines
- Reduces the risk of damage to driveshafts, yokes, joints and bearing cups
- Engineered for use with up to a 1" impact wrench
- Stay organized with our high-density foam-filled case
- Kit includes: 1 x 10102 Heavy Duty Universal Joint Puller; 1 x 10803 Heavy Duty Yoke Puller



#### TIG20388 10385, 10386, 10388, 10389 & Case

- All of our Pitman Arm tools in one convenient service kit
- Kit includes: 1 x 10385 Sheppard M100 Pitman Arm Puller; 1 x 10386 Pitman Arm Spreader; 1 x 10388 Intermediate Pitman Arm Puller; 1 x 10389 Sheppard M110 Pitman Arm Puller
- Eliminates dangerous hammering and cutting torch methods
- Manufactured from high-strength steel for strength and durability

#### TIG20102 10102, 10104, 10201, 10217 & Case

- Features the necessary tools for servicing U-joints on virtually all class 3 to 8 intermediate and heavy-duty trucks and buses
- Kit includes: 1 x 10102 Heavy Duty Universal Joint Puller; 1 x 10104 Intermediate Universal Joint Puller; 1 x 10217 Bearing Cup Installer - SPL 140/170/250 Series; 1 x 10201 Bearing Cup Installer - Traditional Bolt Retained
- Tools are manufactured from high-strength steel for strength and durability. Even the most seized u-joints can be serviced with the 20102 U-Joint Service Kit
- Stay organized with our high-density foam-filled case



## STEERING & SUSPENSION

### Forks & Separators



#### KT171557

##### 5 Piece Tie-Rod/Ball-Joint Splitter Set

- Forks made of drop forged heavy duty chrome vanadium steel
- 3 drop forged forks: 11/16", 15/16" & 1-1/8"
- 1 Handle for use with hammer
- 1 Handle designed for use with pneumatic air hammer
- Both handles are interchangeable



#### KT171517

##### Tie Rod Separator, Tempered Drop Forged Steel

- Tempered drop forged steel one piece construction for long & rough usage
- 21/32" (18mm) Fork, 16" (410mm) Length replaces worn out tie rods easily with a hammer striking
- Also can separate shock absorber links
- Lifetime warranty



#### KT171501

##### Tie Rod Separator, 11/16"

- Use to replace worn out tie rods and separate shock absorber links • Tine opening is 11/16"

#### KT181995

##### Tie Rod Separator Air Chisel



#### KT171560

##### Ball Joint Separator, Tempered Drop Forged Steel

- Tempered drop forged steel one piece construction
- 15/16" (24mm) Fork, 11-7/8" (300mm) length replaces worn out ball joints easily with a hammer striking
- Also can remove CV drive shafts on FWD vehicles
- Covered by a lifetime warranty



#### KT171502

##### Ball Joint Separator, 15/16"

- Use to replace worn out ball joints and to remove CV drive shafts on FWD vehicles • Tine opening : 15/16"



#### KT181996

##### Ball Joint Separator Air Chisel



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#### AST78807

##### 5 Piece Pickle Fork Ball Joint Separator Set

- Solid construction
- Remove ball joints, tie rods, pitman arm, and other linkages
- One piece design ensures durability, rigidity, and complete transfer of hammering forces
- Included are the following sizes to fit most automotive applications:  
Open Size – 11/16", 15/16", 1-1/16", 1-7/16", and 1-5/8".  
Depth – 2-3/4" (69.8mm), 3" (76.2mm), 2-7/8" (73mm), 2-3/8" (63.5mm), and 3-1/8" (79.3mm)



#### LIS41500

##### Ball Joint / Tie Rod / Pitman Arm Separator Set

- All forks are threaded to interchange with either handle
  - Forks are heavy-duty forgings
  - Handles are heat-treated alloy steel
- Kit Includes: 41510 handle, 41520 pneumatic driver, 41530 1-1/8" fork, 41540 15/16" fork and 41550 11/16" fork

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#### MAY31940

##### 5 Piece Pneumatic Separating Fork Set

- Heavy duty alloy steel
- Black oxide finish for additional rust protection
- .401 parker shank • Lifetime warranty



#### SGT91025

##### Tie Rod Separator Tool

- Made from a single piece of drop forged alloy steel
- Jaw opening between tapered prongs is 21/32"



## STEERING & SUSPENSION

### Forks & Separators



#### LIS41220

##### 5 Piece Thick Pickle Fork Kit

- The thicker fork design provides extra lift when replacing worn out ball joints, pitman arms, pickup track bars and other applications
- Forks are threaded to interchange with either the handle for hammering or the pneumatic driver (.401 Shank) and a 6-1/4" extension that works with either handle to provide extra reach
- The forks are heavy-duty forgings and the handles are heat-treated alloy steel
- Sizes include: 11/16", 15/16", 1-1/8", 1-7/16" and 1-5/8"

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#### LIS41440

##### 5 Piece Stepped Pickle Fork Kit

- Step design on the forks keeps the tool from bouncing back when separating ball joints, steering dampeners, tie rods, pitman arms and other applications
- Forks are threaded to interchange with either the handle for hammering or the pneumatic driver
- Forks are heavy-duty forgings and the handles are heat-treated alloy steel
- Fork steps can be sharpened
- Sizes include: 11/16", 15/16", 1-1/8", 1-7/16" and 1-5/8"

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



#### LIS41400

##### Stepped Pickle Fork Kit

- Kit includes one handle for hammering and one for use with an air hammer (.401" shank)

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#### OTC4559

##### Manual/Pneumatic Pickle Fork Set

- Use to separate ball joints, tie rods, and Pitman arms
- Set contains two handles: knurled handle allows use of a hammer; smooth handle fits in a pneumatic hammer
- Three sizes of pickle forks included: 1-1/8", 15/16", and 11/16"



#### OTC6299

##### 5 Piece Separator Set

- Used to remove shock linkage, tie rods, and ball joints
- Also great for general service on many cars and light trucks
- Set includes: OTC6531 – Size 11" x 1-1/8" Fork Spread; OTC6532 – Size 11-3/4" x 1-5/8" Fork Spread; OTC6533 – Size 11-5/8" x 1-7/16" Fork Spread; OTC6534 – Size 16" x 11/16" Fork Spread; OTC6535 – Size 16" x 15/16" Fork Spread.



#### OTC6533

##### Separator Tool

- Will remove camber adjustment sleeves on Ford pickups that have an adjustable camber
- Also a separating tool for tie rods on medium and heavy duty trucks
- Works as a Pitman arm wedge on light trucks
- 11-5/8" long with a 1-7/16" fork spread

## STEERING & SUSPENSION

### Forks & Separators



**MLK609033**

#### Ball Joint Separator

- Fast and damage-free removal of ball joints
- Rugged and flat design
- Comes with 3 interchangeable forks (24, 27 and 31mm)
- Completely drop forged
- Used for Audi, VW, BMW, and Mercedes Benz
- Comes with Vibro-Impact reaction screw, making your work quick and safe



**KT171559**

#### Ball Joint Separator

- Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension
- Tempered drop forged steel body and offset lever provide an excellent performance and long usage
- Offset lever permits max jaw openings in 1-3/16" (30mm) & 2-3/16" (56mm)
- Jaw open: 7/8" (22mm)



**KT171570**

#### Hydraulic Ball Joint Separator with 56 mm Jaw

- Jaw open capacity: 2-3/16" (56mm), Jaw width: 7/8" (22mm), Hydraulic ram: 8 ton • No impact! No Hammer!
- Covered by a lifetime warranty



**KT171571**

#### Hydraulic Ball Joint Separator - 70mm

- Jaw open capacity: 2-3/4" (70mm)
- Jaw width: 1-7/16" (36mm)
- Hydraulic ram: 12 ton
- Covered by lifetime warranty

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**OTC6297**

#### Ball Joint Separator

- This tool is used to separate the ball joint from the spindle support arm
- Works on many domestic and import front wheel drive vehicles, and is adjustable up to 2" for different size ball joints



### Ball Joint Service Kits & Tools



**AST7865**

#### Ball Joint and 4 Wheel Drive Service Tool Kit

- The heavy duty tool set is excellent for removal and installation of press-fit parts such as ball joints, universal joint and truck brake anchor pins
- Remove even rusted and corroded parts

Set includes: C-frame press, 3 receiver tubes sizes: 2-3/4" x 3", 2-1/4" x 2-1/2" and 1-3/4" x 2", installation and removing adapters: 4-wheel drive ball joint service kit that allows service for 1967 thru current 1/2 and 3/4 ton 4WD vehicles having the Dana 44 front axle (found on Ford, GM, Dodge, IHC and Jeep vehicles).

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**AST7868**

#### Master Ball Joint Adapter Set

- Includes all the receiving tubes and removing/installing adapters needed to work on most GM, Ford and Dodge 2-wheel and 4-wheel drive pick-ups, vans and sport utility vehicles through 1997
- Works on press fit upper and lower ball joints
- Set also includes live center forcing screw plug
- Blow molded case for easy storage and transport
- Fits 1-1/8", 1-1/4", 1-5/16", 1-3/8" Pulley Hub Diameter

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## STEERING & SUSPENSION

### Ball Joint Service Kits & Tools



#### AST7897

##### Ball Joint Service Tool and Master Adapter Set

- Removes and replaces ball joints
- C Frame press alone can be used to remove and replace universal joints
- Also included is the #2030-1 live center forcing screw plug
- Blow molded case for easy storage and transport

Set includes all the receiver tubes and removing/installing adapters needed to work on press-fit upper and lower ball joints on most GM, Ford, and Dodge 2 and 4 wheel drive Pickups, Vans and Sport Utility vehicles through 1997.



#### OTC6530

##### Ball Joint Super Set

- Combines the popular OTC7249, OTC7918 and OTC7996 ball joint sets into one SUPER set
- Comes complete with an application cross reference and instructions in a blow-molded case
- This assembly enables the user to remove and install ball joints without removing the control arm from the vehicle
- The OTC designed and produced C-frame tool can be used alone to remove and replace universal joints
- Every tool you need to complete ball joint service

This set allows for the removal and installation of press-fit ball joints on many GM and Ford light-duty trucks, vans and SUVs through 2003; Dodge light trucks through 1998; Dodge vans, Durango and Dakota through 2003; and Honda Accord, Civic, del Sol, and Prelude through 2001.



#### KT171556

##### Ball Joint Service Tool and Master Adapter Set

- For removing and replacing ball joints
- Remove and replace universal joints by using the C-Frame press
- Includes one live center forcing screw, receiver tubes, and removing/installing adapters
- Packaged in a red blow-mold case for storage and carrying

Ball joint service tool and master adapter contains: all new receiver tubes and removing/installing adapters required to work on a press-fit upper and lower ball joints on most Ford, GM, and Dodge 2 and 4 wheel drive pickups, vans and sport utility vehicles through 1997.

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#### KT171555

##### Ball Joint Master Service Adapter Add On Set

- Kit includes all receiver tubes and removing/installing adapters needed to work on most GM, Ford, and Dodge 2WD and 4WD pick-ups, vans and sport utility vehicles through 1997
- Works on press fit upper and lower ball joints

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#### KT171550

##### Ball Joint Service Set 4 in 1

- Removes and installs press fit parts, such as ball joints, universal joints and truck anchor pins without makeshift techniques
- Includes three receiver tubes (2-3/4" ID x 3" OD, 2-1/4" ID x 2-1/2" OD and 1-3/4" ID x 2" OD)

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## STEERING & SUSPENSION

### Ball Joint Service Kits & Tools

# OTC



#### OTC6529

##### Car Master Ball Joint Service Kit

- Finally, a complete ball joint service kit for cars
- Master Ball Joint Service Kit with 50+ adapters
- Includes all adapters for applications up to 2008+
- Includes reference guide thru 2008 referencing press fit or bolt in ball joints
- Kit contents can be used for general removal and installation of many press fit components

Also includes adapter application diagrams and charts, and quick reference charts.

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# OTC



#### OTC7249

##### Ball Joint Service Tool Set

- The tools in this set will press in, or out, most sizes of press-fit ball joints
- The C-frame can be used alone to remove and replace universal joints

Contains: C-frame press, 3 receiver tubes (2-3/4" I.D. x 3" O.D., 2-1/4" I.D. x 2-1/2" O.D., and 1-3/4" I.D. x 2" O.D.), installing adapter, removing adapter and plastic carrying case, Weight: 15 lbs., 3 oz.

# OTC



#### OTC6539

##### Truck Master Ball Joint Service Kit

- This 55+ piece kit covers press-in ball joints on Trucks/Vans/SUV's
- Application cross reference and instructions included
- Complete master set • Adapters are designed for specific vehicles
- Shows what adapters are required and how to use them when servicing ball joints

This 55+ piece kit covers press-in ball joints on the following Truck/Van/SUV applications; Toyota, Hyundai, KIA, Infiniti, Isuzu, Nissan, Chrysler, Dodge, Jeep, Plymouth, Mitsubishi, Ford, Lincoln, Mercury, Mazda, Chevrolet, Buick, Oldsmobile, Pontiac, Cadillac, GMC, Hummer. Information at your fingertips – the comprehensive manual includes diagrams with instructions - eliminating guesswork of which adapters are required. New Truck/Van/SUV kit with manual covers vehicles thru 2008.

## STEERING & SUSPENSION

### Ball Joint Service Kits & Tools



#### OTC6559

##### Ball Joint Master Service Set

- The 6559 Ball Joint Master Service Kit offers complete coverage of Car and Truck/Van/SUV applications. With 70+ adapters, c-frame and application guide means there is nothing else to add for servicing ball joints.
- The majority of vehicles have press-in ball joints, so stop searching for make-shift solutions for servicing these vehicles - everything required is laid out in this one complete kit.
- With a kit of this magnitude, finding the correct adapters and using them correctly is key to minimizing service time. That is exactly what the included ball joint application guide is designed to do - contains application charts and diagrams with step-by-step instructions. Coverage up to 2008 model year.



#### OTC7918

##### Master Ball Joint Adapter Set

- Includes receiver tubes and removing installing adapters needed to work on most GM, Ford, and Dodge two- and four-wheel drive vehicles, through 1997. Application chart included
- Works on press-fit upper and lower ball joints
- Set also includes the No. 7917 live center forcing screw plug, and a plastic storage/carrying case

This set was created specifically to expand the capability of your No. 7249 ball joint service set. It includes all the receiver tubes and removing/installing adapters needed to work on press-fit upper and lower ball joints on most GM, Ford, and Dodge 2- and 4-wheel-drive pickups, vans, and sport utility vehicles, through 1997.

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov



#### OTC8031

##### Jeep/Truck Ball Joint Set

- A complete set of adapters and special large C-frame to remove and install ball joints
- High clearance, specially designed and produced OTC large C-frame allows for the repair of the most recent vehicles
- Large C-frame, 19 adapters, and replaceable forcing screw tip to allow the use of the adapters in the OTC6530 kit to be used for other applications
- Kit comes in a blow molded case and includes an application chart and instructions

Serves most Chrysler/Dodge light-duty trucks, 1999-2006 and Jeep Cherokee, Wrangler, and Liberty vehicles, 1997-2006.

## STEERING & SUSPENSION

### Ball Joint Service Kits & Tools

# OTC



#### OTC7894

##### Dodge Ram / Jeep Ball Joint Service Adapter Kit

- Use with the No. 7249 ball joint set to remove or install aftermarket and original equipment upper and lower ball joints, and the offset ball joints used to change caster/ camber
- Works on: 1984-newer "downsized" Jeep Wagoneer and 2WD and 4WD Cherokee and Comanche; 1987-newer Jeep Wrangler; 1990-newer Jeep Renegade; 1993-newer Jeep Grand Cherokee; 1994-newer Dodge Ram 1/2-ton 4WD pickup

#### OTC7704

##### 4WD Ball Joint Service Kit

- For use on 1967-current 1/2- and 3/4-ton 4WD vehicles having the Dana 44 front axle (found on Ford, GM, Dodge, IHC, and Jeep vehicles)



#### OTC5053

##### Mack Kingpin Socket

- Designed for 1/2" square drive ratchet or breaker bar, the socket that fits the slotted adjusting screw in tapered kingpins used on most Mack front axles (12,000 to 20,000 lbs.)



#### OTC8034

##### Chrysler 2-9/64" Large Ball Joint Socket

- Socket is 2" Long
- The drive size is 3/4"
- Fits 2-9/64" ball joints
- Similar to Miller Tools No. C-3561



This tool is made to remove or install the screw in type ball joints, used on Chrysler or Dodge light trucks and vans.

# OTC



#### OTC7503HD

##### Heavy Duty Tie Rod and Ball Joint Remover

- Works on FWD, RWD, and 4WD import and domestic vehicles
- Twice the load capacity (10 ton) as the original 7503 puller
- Uses a large 3/4" live center forcing screw with interchangeable tips included; cone, flat, and cup, for multiple applications
- 3" Jaw Spread
- 4" Reach



#### OTC7068

##### Upper Control Arm Bushing Service Set

- Includes all adapters needed for quick bushing removal/installation without removing control arm from vehicle
- Mechanical screw power quickly removes the worn bushing and installs the new one without damaging the control arm
- Includes C-frame, screw assembly, and all adapters and inserts necessary to do the job correctly

Now you can easily replace press-in type upper control arm bushings on most rear wheel drive Ford, GM, and Chrysler vehicles.

# SUNEX®



# T O O L S



#### SUN10213

##### 3/4" Drive Ball Joint Socket 1-59/64"

- Removes and installs the screw-in type ball joints used on mid-size, rear-wheel drive Chrysler cars
- Fits 1-59/64" ball joints
- Forged from Chrome Vanadium steel



#### SUN10214

##### 3/4" Drive Ball Joint Socket 2-9/64"

- Removes and installs the screw-in type ball joints used on Chrysler/Dodge light trucks and vans
- Forged from Chrome Vanadium alloy steel
- Fits 2-9/64" ball joints

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# SK®

PROFESSIONAL TOOLS



#### SKT84688

##### 3/4" Drive 1-7/8" Ball Joint Chrysler Impact Socket

- SureGrip® hex design drives the side of the fastener, not the corner
- Improved black coating retains more rust preventative compound than black oxide
- Specifically designed for automotive applications
- Lifetime warranty



This ball joint impact socket has a 1.66" diameter and is 2.09" in length.

#### SKT84689

##### 3/4" Drive 2-1/8" Ball Joint Impact Socket

- This ball joint impact socket has a 1.94" diameter and is 2.09" in length.



## STEERING & SUSPENSION

### Ball Joint Service Tools



#### OTC6007

##### Lower Control Arm Prying Tool

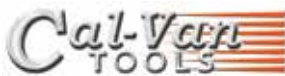
Installing a ball joint on a lower control arm typically requires the effort of two people. However, with this tool and our OTC7420 or OTC7421 pry bar, it's a one-person job.



#### LIS43620

##### Ball Joint/Truck Brake Anchor Pin/U-joint Press

- Tough tool makes easy work of 3 different jobs
- Removes and installs press fit type ball joints found on cars and light trucks
- Tool makes removing and installing truck brake anchor pins fast and easy
- Also works on u-joints to press joint from the drive shaft for replacement
- Tool comes with detailed instructions



#### CAL199

##### Heavy Duty U-joint Puller

- Used to remove the HD vehicle driveline U-joints on Class 7 & 8 trucks using an impact wrench up to 1-inch
- Disassemble and reassemble U-joint cups without heat or hammering
- Larger diameter threaded shaft can handle U-joints that are severely seized and require higher force to pull and install
- Major tool components are heat treated for improved strength and durability
- Smoother thread allows for a lower, more consistent effort to rotate shaft

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#### KDT41690

##### Front End Service Kit

- Allows for easy removal
- 8 most used ball joints, tie rods and Pitman arms

Includes 20 x 140mm tie rod universal puller, ball joint separator, universal tie rod puller and universal tie rod remover.

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#### MLK432910

##### Suspension Wear Indicator

- Allows user to positively SEE, FEEL and HEAR problem areas while performing diagnostics
- Can be applied onto the steel with a special injection technique, allowing for the inspection of moving parts in the lower suspension of a vehicle on any surface
- It eliminates known struggles such as moving wheels in the unloaded condition, specially shaped tire irons, wood blocks, pry bars and etc

## STEERING & SUSPENSION

### Miscellaneous Suspension Tools



#### TIG15000 Leaf Spring & Bushing Service Kit - No Adapters Included

- Remove and install both rubber-isolated and threaded pins and bushings while the suspension remains on the vehicle. Requires a 10,000 PSI hydraulic pump and at least one adapter kit to operate.
- Capable of generating 20 tons of pulling strength, even the most seized and rusted pins and bushings don't stand a chance.
- Components are machined and assembled in-house, undergo rigorous testing and receive multiple finishing treatments to ensure they endure even the toughest jobs.



#### TIG15030 Freightliner Airliner Rear Suspension Pin & Bushing Adapter

- Easily remove and install the Freightliner Airliner and Peterbilt Low Air Leaf rubber isolated pin and bushing while the suspension remains on the vehicle.
- Designed for use with the 15000 Pin and Bushing Starter Kit.



#### LIS42400 5 Piece Air Line Disconnect Set

- Disconnects quick connect push-in connectors found on heavy-duty truck air systems and more.
- Smallest size also works on automatic adjusting air suspension systems for automobiles.
- Disconnects air systems on brakes, suspension, steering, engine, transmission and other auxiliary equipment.
- Disconnects other quick connect push-in fittings, including: flow control valves, check valves, shuttle valves, quick exhaust valves and other function control fittings in compressed air systems.
- Each tool is double-ended to disconnect air lines even in hard-to-reach areas. Angled end allows maximum leverage. Smaller end fits in tight spots.



#### KT170327 GM Torsion Bar Unloading Tool

- Drop forged frame
- This rugged tool is built for GM's K-3500 series trucks with heavy-duty chassis and a larger torsion bar.
- Applications: 1988-2003 GMC and Chevrolet 1/2, 3/4, and 1 ton pick-ups; the S-10 Blazer and S-15 Jimmy, 4WD pickups with 4.3L V6 engines and 1991-2001 Oldsmobile Bravada.

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#### KT170326 GM Torsion Bar Unloader

- Drop forged frame
- This tool is required to safely release the tension on the front suspension torsion bar to service the front suspension.
- Larger design to cover the 2011 and newer GM Trucks including HD C/K.
- When servicing the lower control arm of the front suspension on GM trucks or replacing a torsion bar, it is necessary to remove the spring pressure from the suspension.

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#### OTC7822A GM Torsion Bar Unloading Tool

- Rugged tool is built for GM's K-3500 series trucks with heavy duty chassis and a larger torsion bar.
- It features a larger C-frame opening to accommodate beefier torsion bars.
- The tool holds the torsion bar while you make adjustments.
- Also works on 1988 to 2003 GMC and Chevrolet 1/2, 3/4 and 1 ton pickups; the S-10 Blazer and S-15 Jimmy, 4WD pickups with 4.3L V-6 engines; and 1991 to 2001 Oldsmobile Bravada.

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov



#### OTC7832 GM Torsion Bar Unloader

- Required to safely release the tension on the front suspension torsion bar to service the front suspension.
- Larger design to cover the newer GM truck applications.
- Application: 2011 and newer HD C/K trucks.
- Similar to 7822A with larger design.
- Limited Lifetime Warranty.



## STEERING & SUSPENSION

### Miscellaneous Suspension Tools



#### OTC4244

##### Rear Suspension Bushing Tool

- Removes FAS II Airliner Freightliner Rear Suspension bushings in a fraction of the time of traditional methods
- Handles Neway AD Series Truck and Tractor suspension bushings
- Saves on average 45 minutes per bushing (4 per vehicle) on flat rate of 1.5 hours per bushing
- 15-ton capacity cylinder • Limited lifetime warranty

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#### OTC4245

##### Rear Suspension Bushing Master Kit

- Includes 2510A air/hydraulic pump



#### OTC4247

##### Hendrickson Suspension Bushing Master Kit With Pump

- Tool includes adapters to align it to bushing axis to reduce likelihood of improper installation
- Includes a high force 25-ton cylinder for hard-to-remove bushings. Also includes the OTC Stinger Series 2510A Air/Hydraulic Pump, with a Hose and Coupler

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#### TIG15040

##### Hendrickson Intraax Tri-Functional Wide Bushing Adapter

- Easily remove and install the Hendrickson Intraax Tri-Functional Bushing while the suspension remains on the trailer
- Manufactured from high-grade steel for strength and durability
- Black oxide finished coating resists corrosion
- Designed for use with the 15000 Pin and Bushing Starter Kit or the 17202 Hydraulic Cylinder

### Strut Compressors



#### BRA7600

##### Branick 7600 Strut Spring Compressor

- Doesn't require adaptors
- Multi-position hooks
- Heavy duty Acme thread
- Versatile mounting options
- Easy to use

Since the mid-80s we have been the tool of choice. Now the new OEM approved Model 7600 handles even tough applications like the Jeep Cherokee Trailhawk, RAV4, F-150, and GM pickups/SUVs... without the need for adaptors. The multi-position upper spring hooks are adjustable up to 4", in 1" increments, giving the Model 7600 the flexibility to fit difficult coil spring configurations while its long handles provide extra torque to make compression easier.



#### JCTSK3000

##### Strut Spring Compressor

- Designed to increase the capacity to hold and compress any type or size of struts and springs
- Equipped with 14" holding vice and 20.5" high which can be adjusted to fit and compress any types of strut in upright or upside down positions
- One man operation system that takes less than 10 seconds to compress spring
- Universal adjustable holding arms prevent spring from popping out
- Patented Rack and Pinion gear and patented Double Clutch Disc systems provide maximum stability and safety as well as durability and longevity





## STEERING & SUSPENSION

### Strut Compressors

**SUNEX®**  
T O O L S



**SUN3904**

#### 3 Piece Strut & Coil Compressor

- Durable plastic coating
- Ideal for removal and installation of auto and light truck coil springs
- Strong steel jaws securely hook into coil springs
- Use on or off the vehicle

**TOOL AID®**  
TOOLS FOR THE PROFESSIONAL



**SGT62200**

#### Single Action Coil Spring Compressor

- Remove, install and compress coil springs that can be reached through the center of the coil
- Smooth bearing action and finest quality heat treated steel makes for safe, quick compression
- Single turning action on central shaft
- Use with a hand operated ratchet wrench to pull arms closer together

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



**SGT62400**

#### Spring Compressor NS 120294 MDD

- Remove, install and compress coil springs that can be reached through the center of the coil
- Smooth bearing action and finest quality heat treated steel make for safe, quick compression
- Single turning action on central shaft
- Tool fits inside spring then use with a hand operated ratchet wrench to pull arms closer together
- Shaft has Acme threads and an overall length of 6"

**K TOOL®**  
INTERNATIONAL

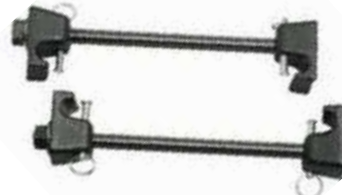


**KT170370**

#### McPherson Strut Spring Compressor

- Works on most MacPherson strut assemblies and is used with replacements
- Use the compressor when replacing bent strut or strut tube and damaged spindles
- Use on or off vehicle
- Acme threaded screw for durability
- Not for use on GM "A", "C", "J" or "X" body cars

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**KT170371**

#### MacPherson Heavy Duty Strut Spring Compressor

- Works with most MacPherson strut assemblies to quickly assist in replacement of bent struts, strut tubes and damaged filters while on or off the vehicle
- Tool manufactured with ACME threaded screw for durability

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**KT170375**

#### Coil Spring Compressor

- Single action tool boasts strong, steel jaws that securely hook into coil springs for their removal and installation
- Works with most domestic and some imported vehicles
- Should not be used on MacPherson struts • Weight: 3.5 lbs.

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**KT170372**

#### Universal Strut Spring Compressor

- Services a wide range of MacPherson struts without the need to use special adapter shoes
- Jaws are held in place by safety lock pins
- Tool can be driven by hand or with an impact wrench
- Compresses springs ranging from 4" - 9" O.D. with wire diameters of 7/16" - 11/16"
- Packaged in a blow molded storage case • Lifetime warranty

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## STEERING & SUSPENSION

### Strut Compressors



#### OTC6637

##### Strut Tamer II Extreme

- New forged locking jaws includes larger pads and offset to clamp onto and compress springs even tighter than before
- New extra thick 5/8" compression arms for superior strength, stability and safety
- New locking trunnions for optimal stability during spring compression
- Spring Capacity: 2-1/2" to 10" Diameter, 1-1/4" to 24" Vertical Stroke, Gear Reduction: 2:1 Torque Compression
- Meets the new ASME PASE safety standards for spring compressors

The 6637 Strut Tamer II Extreme sets a new standard in strength and safety for strut spring compressors. This unit meets the new ASME PASE safety standards for spring compressors and is capable of safely compressing the largest strut springs. A replacement for the Strut Tamer Extreme with improvements designed to provide quick and safe strut service for technicians.



## STEERING & SUSPENSION

### Strut Compressors



#### OTC6637-ST

##### Strut Tamer II Extreme with Stand

- New forged locking jaws includes larger pads and offset to clamp onto and compress springs even tighter than before
- New extra thick 5/8" compression arms for superior strength, stability and safety
- New locking trunnions for optimal stability during spring compression
- New arm-locking rings eliminate the need for tools to adjust
- Includes stand with wheels for easy mobility in the shop

The new standard in strength and safety for strut spring compressors. This unit meets the new ASME PASE safety standards for spring compressors and is capable of safely compressing the largest strut springs. The 6637-ST includes the Strut Tamer II Extreme and stand with wheels to move around the shop and save space.

Spring Capacity: 2-1/2" to 10" Diameter, 1-1/4" to 24" Vertical Stroke, Gear Reduction 2:1 Torque Compression



#### OTC6494

##### Clamshell Strut Spring Tool

- Safety locking pins hold the compressor jaws in place
- Tool compresses springs of 4" to 9" O.D., with wire diameters of 7/16" to 11/16"
- Built to use with an impact wrench

Servicing MacPherson struts is convenient and affordable with this compressor. It fits a wide range of struts and requires no special adapter shoe.

### Strut & Alignment Tools



#### DOWTC614

##### Tomcat Camber Adjustment Tool

- "Makes Camber Adjustment a One-Man Job"
- Works on many GM and Chrysler vehicles using two-bolt lower strut mounts
- Inflatable air bladder fits between tire and strut for easy and controlled adjustment of camber settings
- Eliminates the need for special camber bolts
- Includes: 2' air hose and bladder, low pressure pop-off valve to prevent overinflating and air control valve for inflating and controlled deflating

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



## STEERING & SUSPENSION

### Strut & Alignment Tools



#### OTC7045B

##### Front Coil Spring Compressor

- Fits most late-model rear wheel drive domestic vehicles in which the coil springs are between the upper and lower control arms
- Features four case-hardened, self-aligning plates to ensure correct load distribution under tension
- Includes two 3-3/8" ID plates and two 4" ID plates
- Will not work on Mercedes Benz vehicles

#### OTC7829

##### Ford Camber/Caster Adjustment Wrench

- Has a 21 mm, 12-point design
- Accommodates a 1/2" drive ratchet or breaker bar
- Specially bent to fit on the caster/camber adjusting cam on 1995 to 2001 Ford Explorer 4WD SUVs, and 1997 2WD and 4WD F-150 pickups



#### OTC9798

##### Quick Coupler

- Built to withstand high pressure
- No oil loss when disconnecting the hose
- 3/8" NPTF



#### CTA1080

##### Mercedes Strut Nut Socket

- Removes and installs the top shock retaining nut on W203 body Mercedes vehicles
- 2-pin design with 22mm hex body



#### CTA2867

##### Twin Camshaft Holder Audi / VW

- Special bars lock camshafts relative to each other during timing belt and tensioner service, or when removing crank bolts
- Use with CTA 2872 TDC Lock Pin Tool
- Applications: VW/Audi V6 2.7L and 2.8L with 5 valves per cylinder



Innovative autobody tools and equipment



#### STC71410

##### Axle Popper Wedge and Shim Kit

- Axle Popper's wedge forked end (71411) applies even pressure to both sides of the shaft for sure release of the shaft
- It is versatile as the tapered ends of the fork allow the technician to strike the Axle Popper Wedge or use it as a pry bar to release the half shaft
- The Shim (71412) is included to fill the gap between the half shaft and the transaxle on some vehicles

