Tool & Equipment Quarterly

Service Tools

Pickle Fork

5 Piece **Pickle Fork Set**

SKU **466511** | 25261



 Set Includes: Tie-Rod Spreader with 11/16" Wedge Opening, Ball-Joint Separator with 15/16" Jaw Opening, Pitman-Arm Wedge with

oniv

OEM'

Pickle Forks

Tie Rod End Puller

SKU 004463 **99** 25201 **STORE STOCK**

Tapered Fork Wedged Ends with 21/32" Opening
Overall Length: 11 7/8"



• Tapered Fork Wedged Ends with 5/16" opening

OEM[®]



Stepped Pickle Fork Set SKU**291410 5999** LIS41400

Six Tools in One Includes: 1-1/8", 15/16", 11/16" Forks and Two Handles



5 Piece Tie Rod and Ball Joint Set SKU **094799 6999**

• Used to Remove Tie Rods

Osed to Remove the Rods and Ball Joints
 Includes: 11" X1-1/8", 11-3/4" X 1-5/8", 11-5/8" X 1-7/16", 16" X 11/16" and 16" X 15/16"

Bearing Tools

OEM[®]



Bearing Race and Seal Driver Set

SKU **391360** 6 0 0 0 STORE STOCK

Used to Install Most Standard Wheel Bearing Races and Seals



23 Piece Forward Bearing Remover and Installer Kit SKU 094804 1 9 9 9 9

27205

Removes and Installs Wheel Bearings with Steering Knuckle and Strut Assembly Still on the Vehicle – Eliminates Need for Alignment

Pinion Shaft Seal Driver

Universal Seal Installer

• Used to Install Many Sizes of Seals

Long Handle Provides Good Flexibility When Installing Pinion Seals

SKU **255779 7299**

SKU 048199 1 099 25014

Two Tops Fit All Seal Sizes

LIS17630

SKU **080559 8899** LIS56950

- Used for Driving Pinion and Other Seals Into Place
- . Hollow Adapter Allows Driver to Slide Over Shaft to Drive Seal
- Neodymium Magnets on Both Driver Faces Hold Seal in Place Until Ready to Drive Into Place
 Works on Many Applications...Ford SUV Pinion Seals



OEM

Tie Rod Tools

Inner Tie Rod Tool SKU 094645

25296 1999

Used to Easily Turn Tie Rods and Remove Inner Tie Rod Without Removing the Outer Tie Rod

SKU **217377 5999** 27185

Inner Tie Rod Tool SKU **291414 8999** LIS 45750

Utilizes Six Sizes: 1-1/4", 1-1/2"
 1-3/16" 1-5/16" 1-7/16" and 33.6mm

Includes 1-1/2" Crowfoot for Use on Chevrolet Colorado and GMC Canyon

Tie Rod End Remover

SKU **209525 4000**

Used on Import and Many Front Wheel Drive Vehicles and Rack and Pinion Steering

STORE STOCK



Master Inner Tie Rod Tool

SKU **080557 14899** LIS46800

- Works on Inner Tie Rods with Inaccessible Wrench Flats
- Includes All 9 Crowsfeet to Work on Many Applications

OEM[®]



STORE STOCK

Bearing Splitter 4 5/8" - 1/2"

SKU **514006 5999** 27232

27232

• Razor-sharp Edges Wedge Between Parts and Securely Holds Tool

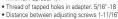
• Maximum Spread: 4-5/8*

NEW

- . Minimum Spread: 1/2"
- Thread of Tapped Holes in Adapter: 5/8" -18
 Distance Between Adjusting Screws 4-3/8"

Bearing Splitter 1/4" - 15/16"

SKU **514005 2999** 27231 • Maximum Spread: 15/16* • Minimum Spread: 1/4*



Compression Gauge Kits



Pitman Arm Pullers

Inner Tie-Rod Tool Kit

Prinon Steering
Includes: 1-3/16", 1-5/16" and 1-7/16"



Tie Rod **Arm Puller**

SKU 555631 1 000 27022

- STORE STOCK For Use on Compact Cars and Smaller Pitman Arms
- 2-1/16" Opening

Heavy-Duty Pitman Arm SKU 209523 **Q 1** 00

27170 STORE STOCK

- Services Cars and Light Trucks 3/4 Ton
- Can Be Used for Bearing, Collar or Gear Removal



Bearing Race & Seal Driver Kit

SKU 112534 4999

4408 Bearing Driver Sizes: 1.555" (39.5 mm), 1.752" (44.5 mm), 1.968" (50.0 mm), 2.322" (59.0 mm), 2.48" (63.0 mm), 2.559" (65.0 mm), 2.84" (72.0 mm), 2.992" (76.0 mm) and 3.189" (81.0 mm)

Reversible Pullers

2/3 Jaw 2-Ton Gear Puller

SKU **070134 3499** Maximum Reach 3-1/2"

- Maximum Spread 4-3/4"
- Center Forcing Screw 3/8" to 24 x 4 7/8"

2 Jaw 5-Ton Gear Puller SKU 141513 2999

Pitman

 Reversible Maximum Reach 3-1/4"

2/3 Jaw 5-Ton Gear Puller SKU **231202 3999** 25919

- Reversible
 Maximum Reach 5-1/2"
 Maximum Spread 7"

7-Ton Reversible Puller SKU 978100 **7999** 27183

- Maximum Reach: 6'
- Maximum Spread: 7"
 Used to Pull Gears with 2/3 Jaws

Engine Cylinder Hones

Adjustable Enging Cylinder Hone Deglazer

SKU 532002 3 1 99

- STORE STOCK • Range: 2" to 7" (51mm to 128mm)
- Spring Tension Adjusting Nut for Positive Cutting Action at All Speeds





SKU **141540** 2541C 999

STORE STOCK

• 3 Coarse Grit (#100)

Stone Sets

SKII 532036 2541M

2541F 999 999 STORE STOCK STORE STOCK

SKU **532044**

OEM[®]

Mityvac: **Professional** Compression Test Kit

SKU **972276 7299** MITMV5530

- Extended Hoses for Hard to Reach Cylinders
 Large 2-3/4" Easy to Read Gauge
- Quick Disconnect Fittings Not for Diesel Engines



Compression Tester Gauge Set

SKU 424906 4 000 27138

STORE STOCK

Test Engine Compression from 0-300 PSI on 14mm and 18mm Spark Plug Ports





STOCK

Hablamos Español

Service Tools

Chassis - Axle

1/2" Drive Axle Nut Sockets



- Removes And Installs The Front Drive Hub/Axle Nuts On 4 Wheel Drive And Many Front Wheel Drive Automobiles.
 For Use With A 1/2" Drive Ratchet
- . Chrome Plating To Resist Rust
- 1/2" Drive Chamfered Square Drive

OEM[®]

30mm STORE STOCK 30mm 510hE 3.3 SKU 079988 1399

32mm STORE STOCK SKU **552315 1399** 25204

33mm STORE STOCK SKU **864643 1399** 25152

34mm STORE STOCK SKU 010252 499 25205

35mm store stock SKU **864642 1699** 25153

36mm STORE STOCK SKU **079772 1999** 25206

Chassis - Front End

Hub Grappler SKU **291457**

6575

The Complete Solution for Servicing
Wheel Hubs and Bearings On the Vehicle
Without Removing the Steering Components
or Knuckle

- or Knuckle

 Designed to Apply Maximum Force with
 Minimal Effort from an Impact Gun to Minimize

 Service Time

 The New Jaws are Sized to Properly Fit Hub Applications
 and Located on the Puller Bar without the Use of Fasteners

 5-10 Times Longer Life

- Includes 6 New Adapters Increases Application Coverage up to 2009 Model Year Plus Tie Rod/Ball Joint Tool and 2 Ford Axle Installers

Hub Tamer-Grappler Update Kit

SKU 291507 27999

Front Wheel Drive Hub Puller

Fits Most Domestic and Import Vehicles with Independent Front Wheel Suspension

Yoke and Bolt are Threaded 5/8" x 18

- to Update the Previous Hub Tamer Kit to the New Hub Grappler Kit
- Includes the Hub Grappler Puller, 6 New Adapters, Misc. Hardware and the New Application Guide

SKU **002050 7 5 00**

Front Hub Puller/

SKU **900826 6999** 27192

Installer Set

27037

STORE STOCK



Universal

Absorber Tool

SKU 036202 999

For Removing and Installing Shock Nuts

Fits Most Shock Stems

Shock

25038

Hub Grappler Application Guide

SKU **291508** 6575MAN-09 **5999**

Most Comprehensive Hub and Bearing Service Guide on the Market
 Provides Quick Reference to the Other Tools in the Kit Required to do the Job

Chassis - Axle

OEM'

4WD 6-Lug Spindle Socket

SKU 002056 2000

STORE STOCK

Used to Remove and Install Wheel Bearing Retaining Nut on 3/4-Ton Vehicles with Dana 70 Series Axles

Toyota 30mm, 12-Point 1/2" Drive Impact Grade Axle Nut Socket

SKU 191051 1499



Applications: Cirrysier Manufactured Vehicles, 2004 and up, Jeep Grand Cherokee V6, 2005 and up, Lexus-ES300, Pontiac-Vibe, Toyota-Avalon, Camry, Highlander, Matrix, VW Beetle, Jetta, Golf 1999 and Up



Axle Spindle Threading Set

SAVE \$20

SKU **514007**

Set Includes: M20 x 1.25, M20 x 1.50, M22 x 1.00, M22 x 1.50, M24 x 1.50, M24 x 2.00, 13/16" x 20 UNEF, 3/4" x 20 UNEF and 27mm Extension bar

REG. \$79.99

Offer Good Through June 30, 2013

1/2" Drive Front Wheel Bearing **Locknut Socket**

66.5mm x 80mm SKU **603346** 25965 STORE STOCK

76mm x 80mm SKU **603347 1999** 25966 STORE STOCK

1/2" Drive Forward

Fits Adjusting Nuts Found on 1995-96 Ford F-150 Trucks

and Full-Sized Broncos with Automatic Locking Hubs

Bearing Locknut

SKU **231203 1499** 25243

STORE STOCK

Fits Adjusting Nuts Found on 1995-96 Ford F-150 Trucks and Full-sized Broncos with Automatic Locking Hubs

OEM

OEM

For Removing and Installing Most Front Wheel Drive Hubs Servicing of Wheel Bearings

Front End Service Kit SKU 900820 **999**

27181



Upper Control Arm Bushing Service Set

SKU **094806 12999** 27206

 Used for Quick Bushing Removal / Installation Without Removing Control Arm from Vehicles



OEM

Lower Control Arm Tool

SKU **080569 2899** LIS64700

- Use With Up to a 3/4" Pry Bar to Separate the Lower Control Arm from the Ball Joint Stud
- Makes Service Work on CV Joints, Front Hub Assemblies and Other Components Easier

OEM

4WD 4-Lug Spindle Socket SKU **552265 799**

25072 STORE STOCK

 Used to Remove and Install Wheel Bearing Retaining Nut on 1/2-Ton Vehicles with Manual Lock ina Hubs

 I Ise on Dana 44 Axels 1959 ent GM, Dodge, Ford and GMC vehicles



OEM'

4WD Spindel Puller Attachment OEM'

1" Impact Sockets

OEM

SKU **143436** 27104

3500 STORE STOCK

35mm 1" Drive

33mm 1" Drive **Hex Socket** SKU 466569 **2499**

SKU 466566 7 599

Hex Socket



5 Piece Spindle Nut Socket Set

SKU **209527** 27174

11000 STORE STOCK

 Ideal for Popular 4-Wheel Drive Axle Retainers

Use with Many 1/2 Ton Vehicles with Dana 44 Series Axles GM, Ford and Dodge and with Many 3/4 Ton Vehicles with Dana 70 Series Axles GM, Ford and Dodge



SKU 900822 **84**99 27188

- Removes Front Wheel
 Drive Axle Nuts
 Kit Includes: 27mm, 29mm, 20mm, 23mm, 24mm, 24m
- 30mm, 32mm, 33mm, 34mm 35mm, 36mm and 38mm



Chassis

JohnDow Industries





- "Makes Camber Adjustment a One-Man Job
- Inflatable Air Bladder Fits Between Tire and Strut for Easy and Controlled Adjustment of Camber Settings
- . Camber Can Be Set with Wheels on Ground
- Eliminates the Need for Special Camber Bolts

Axle Puller

5 Lbs Slide

STORE STOCK

Threaded 5/8" x 18

Hammer

27033

SKU 002045 2500 STORE STOCK

Used with OEM Slide Hammer (#27033) to Pull Flange Type Axle on Most Domestic Cars and Trucks with 4.5 or 5.5 Bolt Circles



OEM

Use for Flange-Type Rear Axle and Bearing Removal on Most Late Model Passenger Cars and Light Trucks

Rear Axle Puller Set

SKU **094801 999 27**202

OEM'

Rear Axle Bearing Remover Set SKU 391363 5500

27129 STORE STOCK

- Used to Pull Semi Floating Rear Axle Bearings
 Use with OEM #27033 Slide Hammer Puller



1-1/2", 1" Drive Hex Budd Wheel Socket

SKU **466570 2999** 25529 • For Budd Wheel 1 1/2" with 13/16" Inside Hex







Tool & Equipment QUARTERLY

Service Tools

SMART SPRING TUBING CUTTERS



SKU **512960 3999** 27228

Capacity: 1/8 - 1-1/8" (4-28MM) O.D.



Smart Spring Mini Tubing Cutter

SKU **512959 1 999** 27227 Capacity: 3/16" to 7/8" (4-22MM) Diameters

Ultra Smooth Adjusting Wheel

Indicator On The Bar Shows Where To Place The Blades In Position For Different Thickness Of Tubes In Order To Cut The Tube Accurately

Smart Spring Absorbing Pressure Mechanism Ensures Longer Blade Life, Stabilizes The Blade Position And Adjusts Automatically To Ease Cutting Of Tubes That Aren't Perfectly Round

Tubing

Double Flaring Tool SKU **069341 30**00

STORE STOCK Produces Single and Double Flares in Soft Steel



37° Flaring Tool SKU **383455** 25929

• For tubing sizes of 3/16", 1/4", 5/16", 3/8", 1/2", and 5/8"



STORE STOCK

Includes Five Adapters 3/16, 1/4, 5/16, 3/8, and 1/2 (4.8mm through 12.7mm)



SKU 238197 7499

 Use on Thin Walled Steel And Copper Tubing Low Profile Design Allows For Use On or Off the Vehicle



SKU **532507 699** 25058 STORE STOCK Capacity: 1/8" to 7/8"



Multi Purpose Tubing Bender

SKU **390889 1499** 25179 STORE STOCK

Works on 3/16", 1/4", and 3/8" (4, 6, and 8mm) O.D. Copper, Aluminum, and Stainless Steel Tubing



Used to Make Left, Right and Offset Bends Up to 90° 1/4", 5/16" and 3/8" (4, 6 and 8mm) OD Aluminum, Copper and Stainless Steel Tubing



SKU **265107 3 4 99** 25170

Tuhing Cutter

STORE STOCK

Bends all Types of 3/16" Brake Lines and 1/4" OD Tubing Without Kinking or Flatten-ing, Especially in Tight Spots





Bends 3/16" and 1/4" Tubing

Torque Wrenches

3/4" Drive Torque Wrench 100-600 Ft/Lbs Range

SKU 217376 29999 25688 Right Hand
 Direction

1/4" Drive Torque Screwdriver

SKU 209522 **799**

STORE STOCK • Range: 10-50 In/Lbs

Great for Low Torque Applications

. Easy to Read Window Scale

OEM



Turn any Ratchet or Breaker Bar



3/8" Drive Digital Torque Adapter SKU **362559 4999** 25684

Range 27-135 NM (238.9-1194.8 ln/Lbs)



3/4" Drive

1/2" Drive Digital Torque Adapter SKU 900805 5 9 99

25682 Range 40-200N-M (29.5-147.5 Ft/Lbs)

Buzzes When Target Torque is Reached

Professional Micrometer **Adjustable Torque**

- Wrenches
- Precision Torque Control by 45 Tooth Ratchet Head
 Audible Click When Desired
- Torque is Reached Both Clockwise and Counter-
- Clockwise Operation
- High Grade Spring Steel Torque Mechanism

3/8" Drive

10-100 Ft/Lbs Range SKU 133658 4 9 99

3/8" Drive 25-250 In/Lbs Range SKU 133657 4 999 25685

1/2" Drive **25-250 Ft/Lbs Range** SKU **133659 799** 25687

OEM

It Utilizes a 3:1 Ratio Planetary Gear Set to Convert Low Torque (max. 650 Ft/Lbs) to High Torque (2200 Ft.Lbs/3000 N-M) for Heavy-duty Tightening or Loosening. Input drive 3/4*, Output Drive 1*

. Comes with a 3/4" Drive 2-way Quick Release Ratchet

Universal Hydraulic Flaring Tool Set

Torque Multiplier

SKU191056 29999 Increase Torque Output

SKU **390927 42999** MSC71475

- Fabricates Push to Connect Flares: 1/4, 5/16 and 3/8"
- GM Fuel Line Flares: 5/16 and 3/8
 Flares Double Flares: 3/16, ¼, 5/16, 3/8 and 1/2 inch
- Flares Metric Bubble Flares: 4.75, 6, 8, and 10mm



OTC Ball Joint Sets

Car Ball Joint Service Kit SKU **291455 529**99

- Information at Your Fingertips the Comprehensive Manual Includes Diagrams with Instructions -Eliminating Guesswork of Which Adapters Are Required
- New Car Kit with Manual Covers Vehicles Thru 2008



BMW Ball Joint Adapter Set (11 Pc) SKU **291489 109**99 6529-1

Works on 1992 – 1999 318 Series, 1998 – 1999 323 Series, 1996 – 1999 328 Series, 1996 – 1999 M3

Chrysler/Mitsubishi Ball Joint Adapter Set

SKU 291491 21999 6529-2

• Works on 1996 – 2008 Chrysler, Dodge, Plymouth, and Mitsubishi Cars with Press in Ball Joints

Ford/Mazda Ball Joint Adapter Set (25 Pc)

SKU 291492 29999 6529-3

• Works On 1996 – 2008 Ford, Lincoln, Mercury, and Mazda Cars with Press in Ball Joints

GM Ball Joint Adapter Set (18 Pc)

SKU 291493 17499 6529-4

• Works On 1996 – 2008 Chevrolet, Buick, Pontiac, Oldsmobile, and Cadillac Cars with Press in Ball Joints

Honda/Acira Ball Joint Adapter Set (19 Pc)

SKU **291494 2 1 999** 6529-5

• Works On 1996 – 2008 Honda and Acura Cars with Press in Ball Joints Import Ball Joint Adapter Set (15 Pc)

SKU **291495** 1 1 999 6529-6 • Works on 1996 – 2008 Toyota, Hyundia, Kia, Infinity, Saab, and Nissan Cars With Press In Ball Joints

Master Car Rall Joint Adanter Set (14 Pc)

SKU **291490 17499** 6529-10

• 14 Additional Adapters Required to Complete a 6529 Car Ball Joint Master Set When Added to the 6539 Truck Ball Joint Adapter Set

Ball Joint Application Guide

SKU 291496 6499 6529MAN-08

New Application Guide to Cover all Car and Truck/Van/SUV Makes and Models Thru 2008

Truck/Van/SUV **Ball Joint Service Kit**

SKU **291456 5999**

* This 55+ Piece Kit Covers Press-in Ball Joints on the Following Truck/Van/SUV Applications; Toyota, Hyundai, KIA, Infinity, Isuzy, Nissan, Chrysler, Dodge, Jeep, Plymouth, Mitsubishi, Ford, Lincoln, Mercury, Wlazda, Chevrolet, Buick, Oldsmobile, Pontiac, Cadillac, GMC, Hummer

OIC

- 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



Import Truck Ball Joint Adapter Set (35 Pc)

SKU 291497 3 1 999 6539-1

• Works On 1996-2008 Toyota, Honda, Acura, Hyundai, Kia, Infinity, Isuzu, and Nissan Trucks, Vans, and SUV's with Press In Ball Joints

Chrysler/Mitsubishi Truck Ball Joint Adapter Set (35 Pc)

SKU **291499 34699** 6539-2

• Works on 1996-2008 Chrysler, Dodge, Jeep, Plymouth, and Mitsubishi Trucks, Vans, and SUV's with Press In Ball Joints

Ford/Mazda Truck Ball Joint Adapter Set

SKU **291502 27999** 6539-3
• Works On 1996-2008 Ford, Lincoln, Mercury, and Mazda Trucks, Vans, and SUV's with Press In Ball Joints

GM Truck Ball Joint Adapter Set (28 Pc)

SKU **291503 27999** 6539-4

• Works on 1996-2008 Buick, Cadillac, Oldsmobile, Pontiac, Chevrolet, GMC, and Hummer Trucks, Vans, and SUV's with Press in Ball Joints

Master Truck Ball Joint Adapter Set (18 Pc)

SKU 291498 24 999 6539-10

• 18 Additional Adapters Required to Complete a 6539 Truck Ball Joint Master Set When Added to the 6529 Car Ball Joint Adapter Set

C-Frame Press



- SKU 499640 1 999 7248

 To be used in conjunction with all OTC Ball Joint Adapters
 Can Also Be Used for Removing/Installing; Universal Joints With Needle Bearings, Pressed In Wheel Studs, and Brake Anchor Plns On Heavy Duty Vehicle

Ball Joint Sets

Ball/U-Joint Press w/4WD Ball Joint Service Set

OEM

SKU **516524 13999** 27089

1967 to Current 1/2 to 3/4 Ton 4WD
 Dana 44 Series Front Axle

Ford Ball Joint Adapter Set SKU **948082 8500** 27163

STORE STOCK



Honda Ball Joint Adapter Set SKU **948074 110**00

STORE STOCK

1980-2000 Honda Accord, Civic, CRX and Prelude

STORE STOCK



4 Wheel Drive Ball Joint Adapter Set SKU **948075 85**00 27165

2 Wheel Drive Ball Joint Adapter Set

SKU 948076 **85**00 27166

STORE STOCK Ford Van 2WD Upper and Lov

Ball/U-Joint Press Set

SKU **557231 100**00 27023



Removes and Replaces Ball Joints on Many Vehicles
 C-Clamp Frame Press May Also be Used to Remove and Replace U-Joints



Ball Joint Service Kit SKU119334 1 1 099

- Removes and Installs Press-Fit Parts Such as Ball Joints, Universal Joints and Truck Brake Anchor Pins
 Contains: 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.)
- Installation and Removing Adapters: 1 Installing Cup, 1 Receiving Cup and 1 Installing Adapter



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PROMOTION

SAVE \$10

Steering Wheel and

Lock Plate Puller Kit

SKU 900821 | 27182

Service Tools

Pullers

Timing Gear and Pulley Set SKU **555508 1500** 27009

STORE STOCK

Services Crankshaft
 Pulleys and Timing Gears
 on Gasoline and Diesel
 Powered Engines



Harmonic Balancer Puller Kit

SKU 555524 **20**00

STORE STOCK

- Used to Remove Harmonic Balancers, Vibration Damp-eners, Pulleys or Gears
- Kit Features Four Yoke Slots Allowing Unit to be Used

for Two or Three-Hole Ap-plications, Floating Swivel Prevents Damage to the Shaft Ends and the Yoke is Heat-Treated Alloy Steel for Strength and Durability

Set Includes Yoke, Pressure Screw and Pulling Screws

Harmonic

Installer





Harmonic Balancer/ Steering Wheel Puller SKU 532440 1 749

STORE STOCK

- Removes Balancers, Steering Wheels, Pulleys and/or Gears with Tapped Holes
 Floating Swivel Helps Prevent Damage to Shaft End
- 4 Slots in Yoke, Use for 2 or 3 Hole Applications with 3/8"-24, 5/16"-18 and 3/8"-16 Bolt Sizes

Balancer

Alternator Decoupler Tool Set

SKU 255865 3499

- Five Piece Kit for Removing and Installing
 Many Alternator Decoupler Pulleys on the
 Most Popular Vehicles in North America
 Includes Molded Case



STORE STOCK Used to Properly Install Harmonic Balancers





Chrysler Harmonic Balancer Puller

SKU **391370 75**00

STORE STOCK

• For Removal of the Harmonic Balancer on Many Chrysler and Mitsubishi Engines

Pulley Puller/ Installer Kit

SKU**141495 29**

STORE STOCK Fits pulleys with hub diameters measuring 1-1/8", 1-1/4", 1-5/16", and 1-3/8"



5-Ton Bar-type Puller/ **Bearing Separator Set** SKU 110812 7499

- Set Includes 2" and 3" Bearing
 "Splitters", Four Sets of Hex
 Push-Puller Legs and a Bar-Type Puller
 Head with a 9/16" Forcing Screw
- Separator Tools Are Used with Bar Puller and Legs for a Wide Variety of Pulling Job
- Pulling Jobs
 5" Puller Cross-Bar with a 6-1/4" Forcing
 Screw and Each of the Bearing Separators
 May Be Used Separately or in Combination
 with Other Pullers or Tools



7-Ton Bar-Type Puller/Bearing Separator Set

SKU 112532 1 0 9 9 9 4 5 1 7

- Includes a Bearing Splitter with 4" Capacity Two Sets of Hex Push Puller Legs, an 8" Ba Type Puller Head Mated with a Custom Thri Forcing Screw
- Forcing Screw
 Now Service and Maintenance Professionals
 Have a Puller/Bearing Set for Tough Jobs, Up
 to 7-Tons, Larger Applications and Greater
 Reach 8" to 18"
 As a Stand Alone Puller/Bearing Spitter Set
 or as a Compliment to the 4518 Version, the
 4517-Ton Puller/Bearing Separator Set Gives
 Your Maintenance/Service Short the Expanded
 Capability to Keep More Business in House



Bearing and Pulley Puller Set SKU 900824 **8999**

Used for a Wide Range of Pulling Jobs, In-cluding: Bearings, Alternators, Generators, Power Steering and Crankshaft Pulleys, Timing Gears and Harmonic Balancers

OEM



• Used to Pull Steering Wheels on Many Major Makes of Auto-mobiles • Includes Yoke, Pressure Screw and Five Sets of Pulling Screws

Pulling Screws
with Washers and
Swivel

REG. \$49.99

Offer Good Through June 30, 2013

Master Hose Clamp Plier Set

SKU **513168**

Straight Jaw and Long Nose 45 Degree Angled Jaws

Features a Unique Screw Actuate Jaw



REG. \$69.99

Offer Good Through June 30, 2013

PROMOTION

OEM



9-Way Slide Hammer Puller Set SKU 900825 10999

- Pulls Flange-Type Rear Axles and Most Front-Wheel Drive Hubs
 Internal and External Jaws Provide a Variety of Combinations to Pull Bearings, Gears and Seals
- Two-And Three-Way Cross Blocks
 Set Also Includes a Grip Wrench Adapter and a Dent Puller Attachment
- Designed for Use with Other 5/8"-18 Thread Slide Hammer Attachments



9-Way Slide Hammer Puller Set SKU 110811 999

- Pulls Flange-Type Rear Axles and Most Front-Wheel Drive Hubs
 Internal and External Jaws Provide a Variety of Combinations to Pull Bearings, Gears and Seals

- Combinations to Pull Bearings, Gears and Seals
 Two- and Three-Way Cross Blocks and Cone Provide
 the Perfect Jaw Configuration for Most Jobs
 Set Also Includes a Grip Wrench Adapter and a
 Dent Puller Attachment for Sheet Metal or Other
 Unique Pulling Requirements

OEM'

and Ford Vehicles with Saginav Steering Columns **Blind Hole Puller Set** SKU **391362 160**00

Steering Pivot

Pin Remover SKU **265106 99** 25135

STORE STOCK

Works on 1969-Current GM, Chrysler

This Special Puller is Designed to Pull Blind Hole Bearings, Bushings, and Sleeves with Inside Diameters 3/8" - 1-3/8"





Puller Adapter

STORE STOCK



- Valuable Tool for Transmission Shops, Garages, Tire Shops and Body Shops
- Shim Included in Kit to Fill Larger Gap Found on Some Vehicles
- Applies Even Pressure to Both Sides of Shaft Safer and Surer Than a Pry Bar



2 Piece Hose Clamp Pliers

SKU 972767 2499 25198

Services Most Ring-Type or Flat-Band Hose Clamps
 Jaws Swivel to Access Hose Clamps in Any Position



5 Piece Hose **Clamp Plier Set**





SAVE \$20

Universal Steering Knuckle Spreader Tool SKU **512957**



Used to Spread Lower Ball Joint, Preventing Damage to

REG. \$89.99

Offer Good Through June 30, 2013

CV Boot Tools



SKU 002061 2000

Used to Pull CV Drive Axles from the Transmission of Front Wheel Drive Cars Note: Use with OEM Slide Hammer #27033

CV Boot Pliers SKU 002068 1500 27055

 Plier Designed for Use on Earless Type Clamps Including Those Found on Late Model GM Inboard CV Joints

• Overall Length 7-1/2" (19cm)



CV Boot Driver SKU 555409 4999 27052 · Removes and Installs Many

27056 For Installing Band Style Clamps that Require the Tensions be Maintained While the Band is Locked into Place Boots on GM Constant Veloc ity Joints Having Stamped Retaining Rings

CV Boot

Clamp Tool

SKU **002058 799**

Tool & Equipment Quarterly

Service Tools

Block Testers



Block Tester SKU **391378 25**00 27145

STORE STOCK Locate Internal Combustion Leaks Quickly and Easily

OEM[®]

Rinck Tester Test Fluid SKU **391381** 25739

799 STORE STOCK 8 Oz, Use with Block Tester #27145

Piston Tools

Ring Compressor 2-1/8" - 5 SKU **531921 1399**

STORE STOCK

Ring Compressor 3-1/2" - 7 SKU **531947**

STORE STOCK

Constructed of High Grade Spring Steel with 1/4" Square Drive Adjuster
 Beaded Edge Prevents Tool from Entering Cylinder with Pistons

Wrinkle Band Ring Compressor

25257 • 1-1/2" Deep Low Friction



• Fits 3" to 5" Pistons **Piston Ring Expander**

SKU 532267 699 25049

Makes Installing Piston Rings Easy
 Works on Most Common Piston Diameters and Rings from 3/64" to 1/4" Thick

· Comfortable Vinvl Grip

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Crank Seal Remover and

SKU 512952 14999

Used to Install and Remove a Oil Seals Between 27mm and 58mm in Diameter

Installer Kit

NEW



OEM' **Piston Groove**

Cleaner

SKU **555680 2500** 27038

STORE STOCK

Blades are Set in the Wheel Which May be Rotated to Bring the Desired Blade Into Position

Ridge Reamer SKU 532325 3 1 99 25051

Capacity 3" to 5" (76mm to 127mm)
 For Use on Conventional and Slant-Block Engines



OEM[®]

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Fan Clutch Tools

Pneumatic Fan Clutch Wrench Set

SKU **291409 182** LIS43300

- Quickly Removes and Installs Fan Clutch When Repairing the Water Pump Or Fan Clutch
- Wrench Sizes Are 36mm, 1.5", 1 9/16", 41mm, 42mm, 1 7/8" and 2"



27186 • Set Includes: 36, 40, 48, 54, 57, 68, 72, 76 and 83mm Wrench Sizes



Fan Clutch Service Set for Mercedes-Benz and BMW

SKU**512958 19999**

Removes Lock Nucs ... Thermo Viscous Fans Foun and Many Ford Models



OFM . . .

Universal Fan Clutch Holding Tool SKU 209526 4 999

Aids in Changing Fan Clutch by Holding the Pulley

• Fits Many GM, Ford and Dodge Vehicles

Universal **Fan Wrench** Set SKU 080554 7399

- Use on the Most Popular Applications
- Unique Hooked Wrench Design Will Hold Bolted on Water Pump Pulleys By Applying Pressure Against Another Bolt
- The Double-Sided Spanner Style Holding Wrench Will Hold Pressed on Pulleys on Many GM, Jeep and Dodge Vehicles

Engine Tools



Universal Camshaft Bearing Tool SKU **191677** 27143

Removes or Inserts Camshaft Bearings in Nearly All Engines
 Set Includes Driving Shaft, Driving Shaft Extension, Expander Unit, (3) Split Driving Plugs, (2) Driving Collars and Center in Cone





5 Piece Master Cam Clamp Kit SKU **383452 799**

Covers Most Single, Twin Cam and Quad Cam Engines

Locks Camshaft to Hold Valve Timing During Timing Belt Replacement

OEM

SKU **291419 3999** LIS36880

SKU**424904 1500**

Use for Removing Valve Lifters from Engine Block





OEM

Serpentine Belt Tool SKU **298547**

27115 3000

STORE STOCK Provides Required Leverage and Clearance to Release Spring Pressure and Remove Tensioner Pulley

2 Piece Cam Clamp Set

Simple to Use / Installs in Seconds

SKU **238159 2499**



Master Freeze Plug Tool Kit SKU **965837**

27208 9999

Designed to Remove and Install Freeze Pluas Used in Liquid-Cooled Gas and Diesel Engines



DOHC Cam Lock Holder

This Versatile Tool Easily Locks and Holds Both Camshaft Sprockets Firmly in Place

Preserves the Engine Timing During Belt or Chain Replacement



OEM' Valve Spring Compressor

24360

SKU 002052 7 500 27040 STORE STOCK

 Used to Compress Overhead Valve Springs without Remov ing Cylinder Head

Heater Hose Coupler Remover

SKU **222528 999**

Splines Cut into the Coupler for Turning without a Socket or Wrench

Use 5/8" Socket or Wrench to Turn Out

LIS62200

Universal Cam Adjuster

SKU **222524** 4 1 99 LIS38220

· Adjusts to Fit Different Sized Cam Sprocket

Holds Carn Sprocket in Place When Removing Carn Bolt

Works on All Single and Dual Overhead Cam Sprockets with Holes

Oil Pump Primer Ford 1/4

27061 STORE STOCK Oil Pump Prim Ford 5/16

27062 STORE STOCK

SKU **534537 7500**

SKU **534545 2500**

OEM

Oil Pump Primer GM V6-V8 SKU 534529 3000 27060

STORE STOCK Used to Prime the Lubricating System of a Rebuilt Engine Prior to the First Start, Preventing a Dry Start



OEM'

Stretch Belt Tools

European Stretch Belt Installer

SKU 227303 7 999 24362 Quickly and Easily installs Stretch Belts

Stretch Belt Installer SKU 227301 **999**

Quickly and Easily Installs Stretch Belts

Clamping Jaw Allows User to Position Serpentine Belt Without the Belt Slipping Out of the Tool

Belt Holding Tool SKU 112478 1 397

- Keeps Belt from Falling Off of a Pulley During Belt Installation
 Universal Design to Fit Most Pulley Styles and Sizes
- Super Strong Magnet to Hold The Belt Firmly on the Pulley

42

- Multiple Holders Can Be Used for Belt Applications That Fit Around Many Pulleys

 Durable Plastic Housing with Magnet for Steel/Iron Pulley Applications



Stretch Relt

Remover / Installer

SKU **255866 2299** LIS59370

Unique Magnetic Faces Hold the Tool in Place on

Compact, One-Piece Tool Can Be Used on the Front or Back Side of the Pulley

OEM'

OIC.

Hydraulic Valve Lifter

STORE STOCK

27146

Lift Spring SKU **516515** 6 **1 99** 27075



NEW

OEM



Valve Spring

Compressor

STORE STOCK

SKU 231210 1999

Designed for Use on Most Trucks and Cars with Overhead Valves



STORE STOCK Used with Engine Hoist to Lift Engine Into and Out of Engine Compartment
 Never Exceed the Weight Limits of the Chain (1,000 Lbs)



Water Pump Socket SKU 693857 3 0 0 0 27109

STORE STOCK Use on Northstar 4.6 Cadillac and Oldsmo Engines



OEM

Specialty Engine Tools

Honda Crankshaft **Pulley Holding Tool** SKU **217379** 27176

3999 Holds Crankshaft Dampeners When Tightening/Loosen-ing Crankshaft Bolts on Honda and Acura

OEM Water Pump Holdin Tool for GM SKU **094808**

27207

 Use for 2002-2008 GM 2.2L and 2.4L Eco Tech Engine in Chevrolet. Oldsmobile Pontiac and Saturn Platforms

Clutch Tools Clutch Alignment Tool

SKU **532622** 25063 1999

Bushing Range: Import: 12 to 12.7mm,15.8 to 16mm, 17.4 to 18mm, 21 to 22.2mm, Domestic: 0.561 to 0.590", 0.749 to 0.787" 0.812 to 0.874", 0.984 to 1.181"

901 000

Self-Adjusting Clutch Tool Kit

SKU 291356 64999 Used for Making Initial Adjustments on Optional Self Adjusting Clutch Replacement Assemblies



the Pulley