# KNOWP



We Have Hub Bearing **Assemblies Covering Over** 96% of All Vehicles on the Road Today.

#### **Spring Compressors**



## **GM Torsion Bar Unloading Tool**

SKU 099289 **Q Q 99** 

- · Built for GM's K-3500 Series Trucks with the Heavy-Duty Chassis
- Also Works on 1988 and Newer GMC and Chevrolet 1/2-3/4- and 1-Ton Pickups: S-10 Blazers S-15 Jimmys 4WD Pickups with 4.3L V-6 Engines; and 1991 to 2001 Oldsmobile Bravada



STORE STOCK

 Used to Compress the Coil Spring in the Installation of Coil Spring Spacers





SKU **069343** 27034

STORE STOCK

• Used to Remove and Replace the Strut Cartridge on GM W-Body Vehicles

#### OEM



#### **MacPherson Strut Spring** Compressor

SKU 070135 **2 199** 25550

STORE STOCK

- Used to Compress Strut Spring During Cartridge Replacement
- Forged Hook • Heat Treated Forcing Screw
- Safety Latches



#### **Wall Mount Strut Spring** Compressor SKU **534403** BRA7400

**899**99

- 24" Stroke Compresses to 2"
- Double-Start, Heavy-Duty ACME Threads
- Handles Heavy Coil Spring Shocks, Extra Long, Narrow or Angled Springs and F-150 and Toyota RAV4 Without Additional Adapters
- Three-Point Lower Hook Increments Adjust for Uniform Spring Compression; "Common Center" Compression Hooks Fit Between Tightly Wound Coil Springs
- GM Approved

## Chassis - Front End



Strut Spring /

**Compressor Kit** 

SKU **094802 7099** 

• Used to Compress Most Sizes of

MacPherson Springs and Coil Springs

**Coil Spring** 

#### 23 Piece **Hub Bearing** Remover and **Installer Kit**

27205

SKU **449947** 

and Replace U-Joints as Well

SKU **449949 7**099

SKU **449957 5999** 

SKU **449970 9** 

Trucks and SUVs

SKU **449960** 

Fwd Axle Puller Adapter

648611T

on Most Larger Trucks and SUVs

• Fits Many Toyota, Nissan and Ford

• Complete Coverage Set, Featuring

648617T

6486261

648630T

641440

• Kit Contains:

SKU 094804 **1 9 9 9 9** 

• Removes and Installs Wheel Bearings with Steering Knuckle and Strut Assembly Still on the Vehicle - Eliminates Néed for Alignment





#### **Volvo Shock Retaining Nut** Strut Removal **Socket Tool**

SKII 300125 24365

- Includes Holding Socket & Double-D Axle Čenter Socket
- Fits Several Models Volvo

#### **OEM**<sup>®</sup>



#### Universal Shock **Absorber Tool**

SKU **036202** 25038

9 Piece Deluxe Axle Nut Socket Set Kit 61

- For Removing and Installing Shock Nuts
- Fits Many Shock Stems



#### **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**



#### **GM Upper Control Arm Knock Out Tool**

SKU 420336 24210

 Services 1989-2001 Chevrolet and GMC 1/2-3/4 and 1-Ton, 2 and 4 Wheel Drive Trucks and 1990-2002 All-Wheel Drive Chevrolet Astro and GMC

## OEM



#### **Upper Control** Arm Bushina Service Set

Control Arm from Vehicles

SKU **094806** 27206

• Used for Quick Bushing Removal / Installation without Removing

# Service Tools

#### Strut Tool / Strut Coil Compressor SKU **449972 10099** 641429

23 Piece Ball Joint U Joint Service Kit

• Designed to Remove and Replace the Ball Joints on Most

Vehicles without Removing Control Arm from the Vehicle

• Also Includes Adapters for Most GM, Ford and Dodge 2-Wheel and 4-Wheel Drive

• Also Includes Adapters for 1967 to Current 1/2 to 3/4 Ton 4 Wheel Drive Vehicles

• The C-Clamp Frame Press May also be Used to Remove

• Works on Press-Fit Upper and Lower Ball Joints

6 Piece Front End Service Set Kit 3

Tie Rod End Pullers, Pitman Arm Puller, Ball Joint Removers and Tie Rod End Lifter

Tie Rod/Ball Joint Separator Kit 56

Five Different Sizes, Including Separators

• For Removing and Installing Inner Tie Rod Ends

• Also Fits Cadillac Escalade, and Jeep Liberty

21 Piece Master Axle Puller Set Kit 41

• 1 Piece: Slide Hammer 5Lb. Die Case, T Bar 5/8'

Head, Three Jaw Head, Attachment Hex Type

(D) x 23"(L), Nut Dia. 2-1/4" x Hole 9/16", Two Jaw

Tapping Screw 2-1/4"(L), Hook 3/4"(D) x 2-15/16"(L)

• 3 Pieces: Grade 5 Shoulder Bolt, Fine Thread, Jaw 5"(L)

5 Piece Truck/SUV Inner Tie Rod Set Kit 85

for Late Model Ford and GM Pickups

• Used to Safely and Securely Compress and Hold the Strut Coil Spring in Order to be Able to Remove the Strut Cap



Safely without Having Tension on the Coil Spring

#### 648991T • Heated Thread Chrome Vanadium Steel for Durability • 6 Point, Z Drive for Heavy Duty Use In Removing and Installing Axle Nuts

# Master Disc Brake Set Kit 48

- Complete Kit to Adjust Brake Caliper Including the Rear
- Calipers on Vehicles, Piston Position Screw



# SKU **449958 1 2 Q99**

648622T

SKU **449948** 



#### Harmonic Balancer / Crank Pulley Puller/ **Install Set Kit 45**

#### SKU **449965** 👩 648616T

• 1 Piece - Pulley Puller

• 1 Piece - Screw for Pulley Puller • 1 x 100mm(L), 1 x 135mm(L)

648748T

• 6150, 8mm(Dia.)



## Master Steering Wheel/Lock Plate Kit 36 SKU **449969 6999**

 For Servicing Steering Wheel and Steering Column Components. Includes Universal Steering Wheel Puller with 5 Different Pairs of Cap Screws to Fit the Different Thread Sizes Found on Most Steering Wheels



- 648992T • 3/8" Dr - 7/8" (Length: 80Mm), 6 Point
- 3/8" Dr 7/8" (Length: 90Mmm) • 3/8" Dr - 1-1/16" (Length: 74mm)
- 1/2" Dr (Double Square) -
- 7/8"/22mm Oxygen Sensor Socket • (Depth: 49mm)
- 1/2" Dr 27mm (Length: 85mm)



• For Use on Ford, GM or Chrysler



## POWERBUILT

#### **Piston Ring Compressor Kit 69** SKU **449974** 940387

• Performance Piston Ring Compressor

• Set Includes Six Sizes of Bands for Multiple Applications



#### 22 Piece Vacuum Pump Set Kit 29 SKU **449955 5999** 648744T

- For Checking Vacuum Operated Automotive Components, Bleeding Air From Hydraulic Systems and Siphoning Fluids. Creates Both Pressure and Vacuum
- Includes Integrated Vacuum/Pressure Gauge and Special Vacuum/Pressure Release Mechanism
- Kit Includes Assortment of Adapters



#### 8 Piece Cooling System Test Adaptor Kit 105 SKU **449952 8999** 647893T 647893T

• Supplemental Adapter Kit for Use with 940427

 Contains a Newly Designed Universal Adapter Piece with 3 Different Diameter Plugs for Various Types of Autos Which is Fully Adjustable for a Wide Range of Radiator Fill Hole Depths



#### 22 Piece Cooling System Pressure Kit 70 940427T

- Able to Test 80% of all Trucks and Cars • Most Extensive Cooling System Test Kit on the Market
- Specific Model Application Adapters and Universal Fit Adapters Included



- Includes Newest Terminal Tools for Audi and Volkswagon
- Specialty Tools Included for Coolant Sensors, Wiring Harnesses and Terminal Blocks • Eliminates Potential Damage to Wires
- and Terminal Blocks





JohnDow

Industries /

# Tool & Equipment Quarterly

#### Chassis

# **Camber Adjustment Tool**

SKU 360484 23999 DOWTC 614

- "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
- Fliminates the Need for Special Camber Bolts



#### **Rear Axle Puller Set**

SKU **094801** 27202

**99**99

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

## **OEM**





#### Front Hub Puller/ Installer Set

SKU 900826 6 999

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



**OEM** 

OEM

**Front Wheel Drive Hub Puller** SKU **002050 7 500** 27037

STORE STOCK

- Fits Most Domestic and Import Vehicles with Independent Front Wheel Suspension
- Yoke and Bolt are Threaded 5/8" x 18



SKU **002045** 

27032 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

#### **5 Lbs Slide Puller** SKU 002047 **200**

27033

STORE STOCK

• Threaded 5/8" x 18

• Works with OEM Attachments as Well as Other Manufacturer's Attachments with the Same Thread

#### Rear Axle Bearing Remover Set **OEM**

SKU **391363** 27129

STORE STOCK

• Used to Pull Semi Floating Rear Axle Bearings

Use with OEM #27033 Slide Hammer Puller

#### **Axle Popper Kit** SKU **514017**

STK71410



- 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

## **4WD Spindle Puller Attachment**

SKU 143436 **2 5** 00 27104

STORE STOCK

- Use with OEM Sledge Hammer 27033
- Fits Most Spindles 1-1/2", 1-5/8" and 2" on Four Wheel Drive Vehicles



**OEM** 

OEM<sup>®</sup>

## Pickle Fork

#### **5** Piece **Pickle Fork Set**

SKU 466511 **3** 5 9 9 25261

• Set Includes: Tie-Rod Spreader with

11/16" Wedge Opening, Ball-Joint Separator with 15/16" Jaw Opening, Pitman-Arm Wedge with 1-1/8" Opening, 8" Handle





**OEM** 

• Used to Remove Tie Rods and Ball Joints

• Includes: 11" X 1-1/8", 11-3/4" X 1-5/8", 11-5/8" X 1-7/16", 16" X 11/16" and 16" X 15/16"

## **Tie Rod End Puller**

SKU **004463 199** 25201 STORE STOCK

• Tapered Fork Wedged Ends with 21/32" Opening

 Overall Length: 11-7/8" **Ball Joint Separator** 

SKU **004464 1** 99

25202 STORE STOCK

• Tapered Fork Wedged Ends with 5/16"

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

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

#### Pitman Arm Pullers

#### **Pitman Arm Puller**

SKU **555623** 27016

STORE STOCK

• Used for Pulling Pitman Arms



#### Front End **Service Kit** SKU **900820**

27181

• Services Pitman Arm, Tie Rod and Ball Joints

## Pitman/Tie Rod

**Arm Puller** SKU **555631** 

27022 STORE STOCK

- For Use on Compact Cars and
- Smaller Pitman Árms • 2-1/16" Opening

#### **Heavy-Duty Pitman** Arm Puller

SKU **209523** 27170

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

#### **Tie Rod Tools**

## **Inner Tie Rod Tool**

SKU **094645** 25296 7 99

STORE STOCK

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



Inner Tie-Rod Tool Kit

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

# **Inner Tie Rod Tool**

SKU **291414 2999** LIS45750



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

## **Master Inner Tie Rod Tool**

SKU **080557** LIS46800

• Works on Inner Tie Rods with Inaccessible Wrench Flats

• Includes All 9 Crows Feet to Work on Many **Applications** 



## Knuckle Spreader

#### **OEM**®

Universal Steering Knuckle **Spreader Tool** 

SKU **512957** 🕡 🕡 99



 Used to Spread Lower Ball Joint, Preventing Costly Damage to Knuckle

## **Tie Rod End Remover**

SKU 209525 100 27175

STORE STOCK

**Ball/U-Joint Press Set** 

SKU **557231** 

STORE STOCK

• Removes and Replaces

C-Clamp Frame Press May

Also be Used to Remove and Replace U-Joints

2 Wheel Drive Ball Joint Adapter Set

Ford Van 2WD, Upper and

SKU **948076** 

STORE STOCK

Ball Joints on Many

27023

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

OEM

#### **Ball Joint Sets**

**Ball Joint Adapter Sets for 27023 or 27089** 

#### **Ball/U-Joint Press with 4WD Adapter Set**

SKU **516524** 27089

• 1967 to Current 1/2 to 3/4 Ton 4WD

• Dana 44 Series Front Axle

#### **Ford Ball Joint Adapter Set**

SKU **948082** 27163

STORE STOCK

• Ford Taurus and Mercury Sable

SKU **948074** 27164

11**0**00

STORE STOCK

**Adapter Set** 

SKU **948075** 

STORE STOCK

27165

• 1980-2000 Honda Accord, Civic, CRX and Prelude

4 Wheel Drive Ball Joint

4WD Ford, GM, and Dodge with Dana 44 Axle,

SKU **514007 7 099** 



OEM

1/2" 12mm **Ford Drive-Line Impact Socket** SKU **420319** 

27166

Lower

24212 · Applications Include Many

Ford Driveline Bolts • 12mm, 12 Point

#### 3/4" Drive **Ball Joint** Impact Socket 2-9<sup>7</sup>/64<sup>7</sup>

SKU **462494 7 199** 24215

• Used on Chrysler/Dodge Mid Size Cars, Light Trucks & Vans

• Fits 2-9/64" Ball Joints

• 3/4-Inch Drive

REPLACE IT RETHREAD IT!

**OEM**°

# Set Includes: M20 x 1.25, M20 x 1.50,

**Axle Spindle Threading Set** 

# Tool & Equipment Quarterly

#### Spindle Nut Sockets

#### Spindle Locknut Wrench Kit

SKU **209527** 

27174

- 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





4WD 6-Lug **Spindle** Socket

SKU **002056** 27046

2000 STORE STOCK OEM



SUNEX

4WD 2-Lug **Spindle** Socket

SKU 110264

SUN10202

SKU **552265** 

4WD 4-Lug

**Spindle** 

Socket

25072

STORE STOCK

# **GREAT PRICE**

#### 1/2" Drive Wheel Bearing **Locknut Socket Kit**

SKU **295858** WLMW89314



Wheel Bearing Locknuts are Easy to Remove or Install with These Specially Designed Sockets

 Contains 2 3/8", 2 1/2" and 55mm Locknut Sockets and 2 1/2", 2 3/4", 2 9/16" and 2 3/8" Rounded Locknut Sockets



#### 1/2" Drive Socket **Bearing Locknut**

SKU **231203 7 99** 25243

STORE STOCK

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



#### CV Axle Nut Sockets

#### 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
- Chrome Plating to Resist Rust
- 1/2" Drive Chamfered Square Drive

30mm STORE STOCK SKU **079988 1299** 25203

32mm STORE STOCK SKU 552315 **7399** 25204

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

34mm STORE STOCK SKU **010252** 25205

35mm STORE STOCK SKU **864642** 25153

36mm store stock SKU **079772 1 1 99** 25206

## OEM

Socket

25157

**30mm** 39mm 12 Point 12 Point **Axle Nut Axle Nut** 

SKU 191051 SKU 452638 LIS39650

• Fits Toyota/

Socket





#### **CV** Boot Tools



27058

STORE STOCK

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



SKU **002068 1 500** 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)



SKU **555409** 27052

• Removes and Installs Many Boots on GM Constant Velocity Joints Having Stamped Retaining Rings

🕶 Mastercool 🕻

## Bearing Tools



OEM **Bearing Race and Seal Driver Set** 

SKU 391360 6 000 27119 STORE STOCK

Used to Install Most Standard Wheel Bearing Races and Seals

## **Pinion Shaft Seal Driver**

SKU 080559 R 999

to Drive Seal

- LIS56950 • Used for Driving Pinion and Other Seals Into Place • Hollow Adapter Allows Driver to Slide Over Shaft
- Neodymium Magnets on Both Driver Faces Hold Seal in Place Until Ready to Drive Into Place
- Works on Many Applications...Ford SUV Pinion Seals



## **Universal Seal Installer** SKU **255779 7 0 99**

LIS17630 • Used to Install Many Sizes of Seals

• Long Handle Provides Good Flexibility When Installing Pinion Seals

**Seal Puller** SKU **048199** 25014 STORE STOCK

• Two Tips Fit All Seal Sizes

We Have Specialty



9 Piece Axle Nut

SKU **900822 84.99** 27188

OEM

**Socket Set** 

OEM

#### Tubina

**Double Flaring Tool** SKU **069341** 

**Double Flaring Tool** 

SKU **864647** 

STORE STOCK

Through 12.7mm)

**In Line Flaring** 

SKU **238197** 

STORE STOCK

and Copper Tubing

• Low Profile Design

Off the Vehicle

Allows for Use On or

• 3/16" & 4.75mm Tubing

**Mini Tubing Cutter** 

• Capacity: 1/8" to 7/8'

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

SKU **532507** 

STORE STOCK

• Use on Thin Walled Steel

**Tool Kit** 

24364

• Includes Five Adapters 3/16,

1/4, 5/16, 3/8 and 1/2 (4.8mm

• Produces Single and Double

STORE STOCK

Flares in Soft Steel



Multi Purpose Tubing Bender

SKU **390889** 

STORE STOCK

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

**Heavy Duty Tubing Bender** SKU **391367** 

27134

**Tubing Cutter** 

SKU 141489 🔻

STORE STOCK

• Capacity: 1/8" to 1-1/8"

STORE STOCK • 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

Make **Perfect Flares Every** 

**Tubing Bender Pliers** 

SKU 265107

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



Innovative

## Universal **Hydraulic Flaring Tool Set**

SKU **390927** 

- 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, 1/4, 5/16,
- 3/8 and 1/2 Inch • Flares Metric Bubble Flares: 4.75, 6, 8, and 10mm



# **CONSTANT TENSION** TUBING CUTTERS





Mini Tubing Cutter SKU **512959** 



## SKU **300785** MSC71099-TC **4999** • Die and Adapter Flare for GM

Die / Adapter Set

Transmission Cooling Line



## • 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

# **Bearing Splitters**

KNOMS

**Suspension Service Tools** 

SUV's, 4WD's and More.

to Fit Small Imports, Large

5-Ton Bar-Type Puller/Bearing **Separator Set** 

SKU 347218 **999** • Separator Tools are Used with Bar Puller and Legs

• 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







SKU 514006 5 999 27232

- Razor-sharp Edges Wedge Between Parts and Securely Holds Tool Maximum Spread: 4-5/8"
- 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"

27231 • Maximum Spread: 15/16"

- Minimum Spread: 1/4" • Thread of Tapped Holes in Adapter: 5/16" -18
- Distance Between Adjusting Screws: 1-11/16"





#### **Pullers**

#### 2/3 Jaw 2-Ton Gear Puller

25901

- 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 🥠 🕥 99 25914

- Reversible
- Maximum Reach: 3-1/4"
- Maximum Spread: 6"

## 2/3 Jaw 5-Ton Gear Puller

STOCK

SKU **231202** 🤦 🕦 9

- Maximum Reach: 5-1/2"
- Maximum Spread: 7'



SKU **978100 7099** 27183

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





**MAKES UP TO** TEN DIFFERENT **PULLERS** 

#### **Bearing and Pulley Puller Šet**

SKU 900824 👧 🕡 9 9 27190

• Use on Pitman Arms, Timing Gears, Carrier Side Bearings, Crankshaft Pulleys and More

#### **Alternator Decoupler Pulley Tool Kit**

SKU 300124 **7**499 27261

- Set Works on Both Overriding Alternator
- Decoupler (OAD) and One-Way Clutch (OWC) Pulleys
- Tools May Be Used While the Alternator is On or Off the Vehicle • Comes in Blow Mold Storage Case

#### **Alternator Decoupler Tool Set**

SKU **255865 3499** LIS57650 LIS57650

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



#### **Duramax Flywheel Lock** SKU 301613 4 999

LIS22100

- Locks Flywheel in Place When Removing Harmonic Balancer on 6.6L Duramax with Allison Transmissions
- Saves Time by Locking the Flywheel at the Transmission Instead of Having to Remove the Starter for Water Pump Replacement





#### 9-Way Slide **Hammer Puller Set**

SKU**900825 0099** 

- 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



#### **Harmonic Balancer/ Steering Wheel Puller**

SKU **532440** 25053

STORE STOCK

with Tapped Holes

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



#### Harmonic **Balancer Puller Kit** SKU 555524 2000

STORE STOCK

- Used to Remove Harmonic Balancers, Vibration Dampeners, Pulleys or Gears
- Kit Features Four Yoke Slots to be Used for Two or Three-Hole Applications, Floating Swivel





#### **Chrysler Harmonic Balancer Puller**

SKU **391370 7 4 00** 27139

STORE STOCK

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

#### **OEM**



#### **Timing Gear** and Pulley Set

SKU **555508 1500** 27009

STORE STOCK

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

## **OEM**



#### Harmonic Balancer Installer

SKU **391373 1 5 00** 27144

STORE STOCK

• Used to Properly Install Harmonic Balancers

# Applications Include Dodge **Harmonic Balancer**

**Installer** SKU 343394

- LIS53460 Installs Harmonic Balancers or Drive Pulleys That Are Pressed
- on the Crankshaft Adapters: M12 x 1.5 M14 x 1.5, M16 x 2.0 7/16 - 20, 1/2 - 20, 9/16 -18, 5/8-18 and 3/4-16

OEM<sup>®</sup>

#### **Steering Wheel** and Lock Plate **Puller Kit**

SKU **900821** 27182

- Used to Pull Steering Wheels on Many Major Makes of Automobiles
- Includes Yoke, Pressure Screw and Five Sets of Pulling Screws with Washers and Swivel

## Pipe Bender

# **Blue Bullet Tubing Bender**

SKU **015350 6,669 99** BENBB1

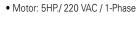
- Maximum Bending Radius: 5" • Top Cylinder Working Force:
- 55,000 Lbs • Minimum Bending Radius: 3-1/2"
- Hvdraulic Filter Canister Type
- Maximum Tube Capacity: 3" / .095 Wall

3" Die Kit (Optional)

**Lift Gate Service** 

RANLIFTGATE 13500

SKU **095070 7 99** 



• Dimensions: 42" x 62" x 31"

• Dies Supplied: 1-1/2", 1-3/4", 2",



AutoZone® Offers a Complete Line of BendPak Tubing Benders. Contact Us at 877-298-6651 for More Information.

27028





#### **Steering Pivot Pin Remover** SKU **265106 199**

25135

• Works on 1969 to Current GM, Chrysler and Ford Vehicles with Saginaw Steering Columns



#### **Pulley Puller/Installer Kit**

SKU **141495 1099** 

25298

STORE STOCK • Fits Pulleys with Hub

Diameters Measuring 1-1/8", 1-1/4", 1-5/16" and 1-3/8"



#### **Blind Hole Puller Set**

SKU **391362** 27128

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



#### STORE STOCK

#### Exhaust Tools

#### **Exhaust** Donut Stretcher SKU **390901** \_\_\_99

25543 • Easily Grabs Onto Mounting Rubber Rings or Doughnut Used on Many Exhaust Systems

**Tailpipe Cutter** 

SKU 111609 5000

• Used to Cut Tail Pipe

• Range 3/4" to 3-1/4"

#### **Tailpipe Expander** 1-1/2" to 2-7/16" SKU 111039 **7 5**00

27027 STORE STOCK • Expands Tail Pipes so Mufflers and Tail Pipes

Can be Fitted to the

Exhaust System

# **Tailpipe Expander 2-1/8" to 3-7/16"** SKU **110585 3500** 27028

STORE STOCK • Expands Tail Pipes so Mufflers and Tail Pipes Can be Fitted to the



#### 2 Exhaust Manifold Spreaders SKU **504028** 25253TW0



## **Pipe Stretcher Kit**

SKU **080137** LIS17350 • Expands All Types of Exhaust

Pipe, Including Stainless Steel, from 1-5/8" to 4-1/4" in Size Use with Impact Wrench to Quickly

Stretch Pipes

• Collet Sets Expand Pipes from 1-5/8" to 4-1/4"

## Clutch Tools OEM





• Used for Making Initial Adjustments on Optional Self Adjusting Clutch Replacement Assemblies

#### \*\*\*\*\*\*\* **Clutch Alignment Tool** SKU **532622** 25063

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"

#### SKU **505066** LIS23800

Flywheel Turner

Holding Flexplates and Flywheels

• For Turning and

• Easily Turn Engine from Underneath the Vehicle

# **Oil Pump Tools**



Ford 1/4 SKU **534537 7500** 27061

STORE STOCK **Oil Pump Primer** Ford 5/16

SKU **534545 25**00 27062 STORE STOCK

Oil Pump Primer GM V6-V8 SKU **534529** 

27060 STORE STOCK System of a Rebuilt Engine Prior to the First Start, Preventing a Dry Start

Used to

Prime the

Lubricating

27045

STORE STOCK

(19-83mm)

# ENGINE SERVICE TOOLS

#### Piston Tools

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

25037 STORE STOCK

Ring Compressor 3-1/2"-7

SKU **531947** 25039

STORE STOCK

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

**Pneumatic Fan Clutch** 

• Quickly Removes and Installs Fa

41mm, 42mm, 1-7/8" and 2"

SKU 110280 **7** 1 99

• Set Includes: 36, 40, 48, 54,

57, 68, 72, 76 and 83mm

Clutch When Repairing the Water

• Wrench Sizes are 36mm, 1.5", 1-9/16",

**Fan Clutch Wrench Set** 

**Wrench Set** 

Pump or Fan Clutch

SKU **291409** 

LIS43300

27186

Fan Clutch Tools

## Wrinkle Band Ring Compressor

SKU **246373 299** 25257

- 1-1/2" Deep Low Friction Wrinkle Band
- Fits 3" to 5" Pistons



 Makes Installing Piston Rings Easy

25049

- Works on Most Common Piston Diameters and Rings from 3/64" to 1/4" Thick
- Comfortable Vinyl Grip

#### **Piston Groove Cleaner** SKU **555680** ¥

27038

STORE STOCK

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

#### **Ridge Reamer**

SKU **532325** 25051

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



#### Valve Tools

OEM

Valve Spring Compressor

SKU 002052 2500

27040

STORE STOCK

 Used to Compress Overhead Valve Springs Without Removing Cylinder Head



#### **Fan Clutch Service Set** for Mercedes-Benz and BMW

SKU **512958** 27224

Wrench Sizes

· Removes Lock Nuts on Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models





**Universal Fan Clutch Holding Tool** SKU 209526 📶 🔘 99

27171

• Adjustable Jaws Fit Most Water Pump Pulley Bolt Patterns, Including Pressed on Pulleys

## **Universal Fan Wrench Set**

**Stretch Belt** 

STORE STOCK

24363

**Installation Tool** 

SKU **227301 1 0 99** 

"Easy On" Stretch

**Belt Installer** 

SKU **227303** 

**Installer** 

LIS59370

24362

SKU 080554 LIS43600



• Unique Hooked Wrench Design Will Hold

Stretch Belt Tools

Works on Both Large and Small Pulleys

• Quickly and Easily Installs Stretch Belts

• Unique Magnetic Faces Hold the Tool in

Stretch Belt Remover /

Front or Back Side of the Pulley

SKU **255866 7 799** 

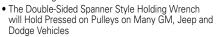
Place on the Pullev

without the Belt Slipping Out of the Tool

• Clamping Jaw Allows User to Position Serpentine Belt

Dodge Vehicles





**Parallel Lift Spring** Compressor SKU **516515** 

- 27075 Strong but Light Frame,
- (Weighs only 6 Lbs) • Works with Most Valve-in Head and L-Head Engines, as Well as. Truck and Tractor Engines



**19**99

STORE STOCK

 Designed for Use on Most Trucks and Cars with Overhead Valves

## NEW

**Push Rod Remover** LIS48300

OEM

Serpentine

Belt Tool

SKU **298547** 

STORE STOCK

Clearance to

Release Spring

Provides

Required Leverage and

Remove Tensioner Pulley

27115



- Redesigned for Newer 3.5L and 3.6L GM Engines. Also Works on GM V6 2.8L, 3.1L and 3.4L • Quickly Removes Push Rods to Replace the
- Intake Gaskets without Removing Rocker

# Cam/Crankshaft To<u>ols</u>

#### **Honda Crankshaft Pulley Holding Tool**

SKU **217379** 



Dampeners When Tightening/Loosening Crankshaft Bolts on Honda and Acura

2 Piece Cam

Clamp Set

24360

SKU **238159** 

STORE STOCK

Use / Installs

in Seconds

**DOHC Cam** 

**Lock Holder** 

SKU 291419 3 99

Simple to



#### **Crank Seal Remover** and Installer Kit SKU **512952**

OEM

27222

Oil Seals Between 27mm and 58mm in Diameter

Used to Install and Remove

## Sprockets Holds Cam Sprocket in Place When

Universal

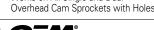
LIS38220

Cam Adjuster SKU **222524** 

Removing Cam Bolt

• Adjusts to Fit Different Sized Cam

- Works on All Single and Dual
- Overhead Cam Sprockets with Holes



#### **5** Piece Master OEM **Cam Clamp Kit** SKU 383452

27210 • Covers Most Single, Twin

 Locks Camshaft to Hold Valve Timing During Timing Belt Replacement



• Removes or Inserts Camshaft Bearings in Nearly All Engines · Set Includes Driving Shaft,

Driving Shaft Extension Expander Unit, (5) Split Driving Plugs, (2) Driving Collars and



# Flex-Hone BC 1599

10mm (.394") SKU **341249** BRMBC10M18

6.4mm (.250") SKU **343384** BRMBC64M24



# Flex-Hone GB 4799

3-1/2" (89mm) 3-1/4" (83mm) SKU **341232** SKU **341239** BRMGB31212 BRMGB31412

3-3/4" 4-1/8" 4-5/8" (95mm) (105mm)SKU **341317** SKU **341325** BRMGB33412 BRMGB41812

(118mm) SKU **341332** BRMGB45812

**CALL FOR ADDITIONAL SIZES** 

## Cooling System

(#220)

**Engine Cylinder Hones** 

Adjustable

**Cvlinder Hone** 

• Range: 2" to 7" (51mm to

Spring Tension Adjusting Nut

for Positive Cutting Action at

• Supplied with 4" Medium Grit

**Replacement Stone Sets** 

SKU **532036** 

STORE STOCK

• 3 Medium Grit

2541M

SKU **532044** 

STORE STOCK

2541F

**Q**99

(#400)

**Engine** 

25041

Deglazer SKU **532002** 

STORE STOCK

128mm)

All Speeds

OEM

SKU **141540** 

2541C

999

STORE STOCK

• 3 Coarse Grit

Stones

#### **Hose Clamp Pliers** SKU **607069 2 199**

25246 STORE STOCK

• Removes Plastic and Metal Self-Tightening Hose Clamps with Diameters of 11/16" to 2-1/2"

#### **2 Piece Hose Clamp Pliers** SKU **972767 7 199**

25198

• Services Most Ring-Type or Flat-Band Hose Clamps

**Water Pump** 

SKU **693857** 

**30**00

STORE STOCK

4.6 Cadillac

• Use on Northstar

and Oldsmobile

SKU **391378** 

27145 2500

STORE STOCK

**Block Tester** 

Socket

27109

• Jaws Swivel to Access Hose Clamps in Any Position



SKU 965836 2 999 27159

Hose Clamps · Jaws Swivel to Access Hose Clamps in Any Position

**Thermostat** 

Wrench

CAL751

SKU **432324** 

**24**<sup>99</sup>

• Designed to

Engines

Block Testers

• Saves Time

Work on GM 3.1

Locate Internal

Combustion

and Easily

Leaks Quickly

& 3.4 Liter V6



Master

Tool Kit

27208

SKU **965837** 

9999

Designed to

Remove and

Install Freeze

Pluas Used in

Liquid-Cooled

Engines

Gas and Diesel

Freeze Plug

Installation

OEM'

**OEM** 

#### **Master Hose Clamp Plier Set** SKU **513168** 🔼

**ONE** and **DONE** The Only Hose Clamp



- Contains 2 Pliers, Straight Jaws and Long Nose 45° Angled Jaws, a Unique Screw Actuated Jaw and 5 Quick Change Jaw Styles
- Mobia, Constant Tension and Click Style Clamps



for GM SKU **094808** 27207

OEM

3499 • Use for 2002-2008 GM 2.2L and 2.4L Eco Tech Engine in Chevrolet. Oldsmobile,

Platforms

Pontiac and Saturn



Coupler for Turning without a Socket or Wrench • Use 5/8" Socket or



#### **Block Tester Test Fluid** SKU 391381

25739 STORE STOCK



• 8 Oz Use with Block Tester #27145





SKU **504029 2 099** LIS37410

 For Servicing the Timing Belt, Chains, Head Gaskets or Other Valve Train Repairs on Ford, Mercury and Mazda Vehicles

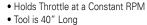
Includes: Aluminum Camshaft Bar, Plus One Short Top Dead Center (TDC) Timing Pin and One Long TDC Timing Pin



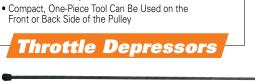




SKU **222525 3 1 99** LIS48700







OEM

**Drive-By Wire** Depressor SKU **511001** 

THX592 Adjusts the RPM Level for

Tune-Ups, Cylinder Balance Tests and A/C Work





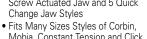


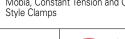
















**Headlight Aimers** 

**SYMBCA4 ISO Color** 

SKU **237649** SYMBCA4

• Rotational Mast Aligns in Five Easy Steps (Not Approved for State Inspection Programs)

**SYMHBA 5 Electronic** 

SKU **237653** SYMHBA5

- Photo-Sensor Positioning
- 8' Floor Guidance Track Approved and Certified for All Safety Inspection Centers Including MD & VA

**Water Sensor Wrench** 

(Fits Aftermarket Sensors)

Sensor Sockets



Symtech SYMSCA-11SO

Color

SKU 444394 SYMSCA1

- Durable, Lightweight, Compact and Portable
- Adjustable Height with Rotating Mast
- Laser Floor Slope • Filed Calibration

**SYMCVA3 EZISO Color with Visual Assist Meter** SKU **237652** 

SYMCVA3

Hot Spot Alignment with ISO Color Technology

OEM<sup>°</sup> **Ford Headlight Adjusting Tool** 

SKU **246385 99** 25434

Fits 4mm Hex Headlight Adjusting Bolts on Late Model Ford, Mercury and Lincoln Cars and Pickups with Aerodynamic Headlights

## **Headlamp Restoration**

## **Headlamp Resurfacers**

- Simple Process
- Eliminates Hazing and Yellowing of Head Lamps
- Final Step Preserves Service for 2 Years or More

#### **Platinum Series**

SKU **112428** SYM75010090

• Kit Restores Up to 70 Vehicles



**Restore Your Clouded, Hazy Headlights to Crystal Clear** 



SKU 112468 14999

**OEM**<sup>°</sup>

• Kit Restores Up to 35 - 40 Vehicles



Symtech



SYM75010030



#### **IPR Socket**

SKU **459101** 

LIS34910

SKU **080593** 🥠 🕦 **99** 

LIS68210 • Used to Remove and Replace the Injector Pressure Regulator

Diesel Engines • Built to Bottom Out on the Hex So it Does Not Put Torque on the Connector in Case it Can Be Reused

(IPR) on Ford 6.0L and Other

## NEW

**Water Sensor Wrench** Removes and Installs the Aftermarket Water Sensor

SKU **459099** LIS34900





the Water Sensor Located on the Fuel Filter on 2012 and Newer 6.6L Duramax **Diesel Engines** 

OEM

Micrometer **Click Style** 

#### 7 Piece Sensor Socket Set SKU 900823 **5999** 27189 • For Removal and Installation of Hard to Reach Oxygen Sensors, Oil Pressure

Switches, Oil Pressure Sending Units

**Oil Pressure Switch Socket** 

and Thermal Sensor Switches

SKU **141490 199** 

STORE STOCK

• Fits Most 1" and

1-1/16" Switches

• Accepts Oil Pressure Sending Units up to 2-5/8" Long

25254

Located on the Fuel Filter

on 2001 through 2011 6.6L

Duramax Diesel Engines



## Oxygen Sensor Wrench

SKU **948079** 🥠 🧲 **00** 27162

**Torque Wrenches** 

3/4" Drive Torque Wrench

100-600 Ft/Lbs Range SKU **217376 9 9 9 9** 

STORE STOCK

3/8" Drive Oxygen

**Sensor Socket** 

• For Use with 3/8" Drive Ratchet or 1" Wrench

SKU **047738** 

STORE STOCK

25688

• Right Hand

25001

- Use with Oxygen Sensors on Ford 4.6
- 7/8"/22mm Used in SUVs and Light Trucks



#### Water **Sensor Socket** SKU **607072 699** 25369

- Remove Water Sensor When Changing the Fuel Filter on GM 6.6L Engines
- 3/8" Square Drive





SKU **272729** 27110

STORE STOCK Universal Slotted Socket to Service Hex Vacuum

Switches and Oxygen Sensors

• 3/8" and 1/2" Dr



OEM

## Measuring Tools

## X-Tread Digital Tire Gauge

F0W74225500 **1999** 

• For Tire Tread Thickness Measurement • Reads in Inch. Metric and Fractions





#### **Disc Brake Rotor Micrometer**

- F0W72234422 **6 9 9 9** • Easy to Read Digital Counter
- Range is 0.3" to 1.7'
- Ratchet Thimble

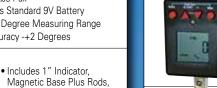


#### **Mini MAG Protractor**

SKU **186501** 

F0W744224501 **(** 

- Embedded Magnets with 35 Lbs Pull Uses Standard 9V Battery
- 360 Degree Measuring Range
- Accuracy -+2 Degrees





**Twin Conical Anvils** 

SKU **186492** FOW74150004 **6999** 

**RotoCal** with

Swivel Clamp and Case • 2-1/4" Dial, 001"

• Checks Ball Joint Wear

• 0 to 1" Travel and .001"

Valve Guide Wear

Graduations

and Disc Rotor Run-out

• Checks Gear Backlash and

Increments



#### 1/2" Drive **Digital Torque** Adapter SKU 900805 🔼

Turn Any Ratchet or Breaker Bar

into a Digital Torque Wrench!

25684

3/8" Drive Digital

SKU 362559 4 999

**Torque Adapter** 

• Range 27-135 NM

(238.9-1194.8 ln/Lbs)

25682

- Range 40-200N-M
- is Reached
- Buzzes When Target Torque

## 1/4" Drive Torque Screwdriver

SKU **209522** 

- Range: 10-50 In/Lbs
- Great for Low Torque Applications
- Easy to Read Window Scale



#### **Professional Micrometer Adjustable Torque Wrenches**

1/2" Drive 25-250 Ft/Lbs Range SKU **133659 7 99** 

- Heavy Duty 24 Tooth Pear Shaped
- Ratchet Head Audible Click When Desired Torque is Reached

3/4" Drive `

sku**191056** 4

25683

Both Clockwise and Counter-Clockwise Operation

#### OEM' 3/8" Drive 25-250 In/Lbs Range SKU 133657 **499**

25685 3/8" Drive 10-100 Ft/Lbs Range

- SKU 133658 4 99 25686 • 45 Tooth Round
- Head Ratchet Audible Click When Desired
- Torque is Reached Both Clockwise and Counter-Clockwise Operation



• Increase Torque Output

Angle Finder

· Measure Auto and

Truck Front Ends

Magnet in Base

Increments

CEN6494

SKU 186499 **1 99** 

• Measure Drive Shaft Angles

• Graduated in 1/2 Degree

Loosening. Input Drive 3/4", Output Drive 1" • Comes with a 3/4" Drive 2-Way Quick Release Ratchet

Central TOOLS, Inc.

**Disc Brake Rotor** 

Micrometer

SKU **607071** 

STORE STOCK

• .001" Accuracy,

.0005" Reading

Large LCD Display with

SAE or Metric Reading

25367

OEM

## Disc Brake/Ball **Joint Gage**

FOW72520757 **7999** 

SKU 001927 699 25025 STORE STOCK • 26 Blades with Laser

Etched In/mm

**Feeler Gauge** 

**6" Dial Caliper** SKU 141504



- Outside, Inside, Depth and Step Measurements
- Each Division = .001" Each Revolution = .1
- OEM OEM



Measuring Surfaces are Precision Ground and

Locking Device



#### Measuring Tools **STORM**

#### **Mechanical Digital Rotor Micrometer**

SKU 186497 9499 CEN3M230 • 3-1/2" Deep Frame • Digital Read Out to .001

• .300 to 1.300" Range

3 Piece

CEN3M113

• 0 to 3" Range

• 0 to 1" 3m101, 1 to 2"

Micrometer Set

- SKU 186503
- 3m102, 2 to 3" 3m103 • Set Includes Calibration Tools

Rotor/Drum **Measuring Kit** SKU **186504 7 Q 99** • 8 to 13" Range CEN3K301

- Attaches to Any Caliper on the Lower Jaws • Outward Facing Anvils to Inspect Drums Inward Pointing Anvils to Measure Rotors

• 0 to 6" Digital Caliper Included



• Thumb Roller with Locking Device



Straight Edge 24"x1/4" SKU **404660** CEN6429

• Measure Head, Block and Flywheel Straightness Precision Ground to

